

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU025006.D
 Acq On : 28 Jun 2018 07:48
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 28 08:07:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	172406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	269151	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	256361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	161094	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	136999	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	4.89	113	111188	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
50) Toluene-d8	7.57	98	375702	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
62) 4-Bromofluorobenzene	10.31	95	156940	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	90149	41.775	ug/l 98
3) Chloromethane	1.33	50	97499	44.223	ug/l 99
4) Vinyl Chloride	1.40	62	104423	45.927	ug/l 99
5) Bromomethane	1.61	94	54441	49.531	ug/l 99
6) Chloroethane	1.69	64	68568	54.055	ug/l 98
7) Trichlorofluoromethane	1.88	101	172178	49.621	ug/l 100
8) Diethyl Ether	2.10	74	65719	55.876	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	100280	46.584	ug/l 97
10) Methyl Iodide	2.41	142	118292	63.353	ug/l 98
11) Tert butyl alcohol	2.83	59	165992	242.491	ug/l 100
12) 1,1-Dichloroethene	2.28	96	96671	49.244	ug/l 95
13) Acrolein	2.19	56	35085	97.604	ug/l 95
14) Allyl chloride	2.59	41	162239	44.511	ug/l 99
15) Acrylonitrile	2.94	53	339852	255.177	ug/l 99
16) Acetone	2.32	43	315821	208.840	ug/l 99
17) Carbon Disulfide	2.48	76	267319	42.527	ug/l 99
18) Methyl Acetate	2.62	43	204921	63.209	ug/l 99
19) Methyl tert-butyl Ether	3.00	73	385320	52.217	ug/l 95
20) Methylene Chloride	2.70	84	114733	48.352	ug/l 97
21) trans-1,2-Dichloroethene	2.99	96	106548	49.279	ug/l 93
22) Diisopropyl ether	3.57	45	367664	50.884	ug/l 95
23) Vinyl Acetate	3.53	43	1522846	235.276	ug/l 98
24) 1,1-Dichloroethane	3.45	63	210874	50.732	ug/l 99
25) 2-Butanone	4.26	43	493779	243.084	ug/l 97
26) 2,2-Dichloropropane	4.23	77	132099	33.469	ug/l 98
27) cis-1,2-Dichloroethene	4.23	96	127266	51.198	ug/l 95
28) Bromochloromethane	4.55	49	87230	47.644	ug/l 87
29) Tetrahydrofuran	4.64	42	316117	251.300	ug/l 97
30) Chloroform	4.68	83	220098	52.314	ug/l 100
31) Cyclohexane	5.00	56	186999	50.687	ug/l 94
32) 1,1,1-Trichloroethane	4.92	97	203267	52.247	ug/l 96
36) 1,1-Dichloropropene	5.14	75	156656	49.532	ug/l 96
37) Ethyl Acetate	4.38	43	181241	52.577	ug/l 97
38) Carbon Tetrachloride	5.14	117	179259	51.542	ug/l 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU025006.D
 Acq On : 28 Jun 2018 07:48
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jun 28 08:07:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	192858	48.864	ug/l	96
40) Benzene	5.39	78	464398	51.531	ug/l	99
41) Methacrylonitrile	4.54	41	101912	54.833	ug/l	98
42) 1,2-Dichloroethane	5.41	62	193295	56.315	ug/l	99
43) Isopropyl Acetate	5.55	43	289823	48.640	ug/l	99
44) Trichloroethene	6.19	130	126604	49.362	ug/l	96
45) 1,2-Dichloropropane	6.44	63	123948	51.546	ug/l	99
46) Dibromomethane	6.56	93	89416	52.939	ug/l	95
47) Bromodichloromethane	6.76	83	171033	50.852	ug/l	98
48) Methyl methacrylate	6.63	41	152617	52.600	ug/l	98
49) 1,4-Dioxane	6.62	88	71211	1255.002	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	954152	254.884	ug/l	98
52) Toluene	7.64	92	301263	51.960	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	175188	46.382	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	186060	46.230	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	124103	52.657	ug/l	97
56) Ethyl methacrylate	8.02	69	195463	49.551	ug/l	99
57) 1,3-Dichloropropane	8.25	76	211171	53.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	101901	67.428	ug/l	95
59) 2-Hexanone	8.36	43	774002	253.257	ug/l	98
60) Dibromochloromethane	8.48	129	141551	48.163	ug/l	100
61) 1,2-Dibromoethane	8.59	107	135857	51.790	ug/l	99
64) Tetrachloroethene	8.23	164	129278	53.052	ug/l	96
65) Chlorobenzene	9.12	112	339773	51.881	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	127997	51.443	ug/l	98
67) Ethyl Benzene	9.25	91	594256	51.760	ug/l	98
68) m/p-Xylenes	9.38	106	458668	104.037	ug/l	99
69) o-Xylene	9.78	106	227312	52.098	ug/l	98
70) Styrene	9.80	104	367368	51.236	ug/l	98
71) Bromoform	9.96	173	111676	47.221	ug/l #	98
73) Isopropylbenzene	10.17	105	620445	50.165	ug/l	99
74) N-amyl acetate	10.01	43	268841	45.699	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	211158	50.948	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	239815	67.616	ug/l	82
77) Bromobenzene	10.45	156	159873	51.059	ug/l	95
78) n-propylbenzene	10.59	91	700169	48.057	ug/l	97
79) 2-Chlorotoluene	10.66	91	424929	49.457	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	535675	49.970	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	239815	156.492	ug/l #	100
82) 4-Chlorotoluene	10.78	91	491672	49.167	ug/l	100
83) tert-Butylbenzene	11.10	119	528820	51.283	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	550866	50.424	ug/l	99
85) sec-Butylbenzene	11.33	105	637846	49.416	ug/l	98
86) p-Isopropyltoluene	11.48	119	565457	48.914	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	293169	50.679	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	295762	50.797	ug/l	99
89) n-Butylbenzene	11.89	91	456931	44.520	ug/l	97
90) Hexachloroethane	12.15	117	98360	43.616	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	308476	53.238	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	56040	49.003	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
Data File : VU025006.D
Acq On : 28 Jun 2018 07:48
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 28 08:07:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

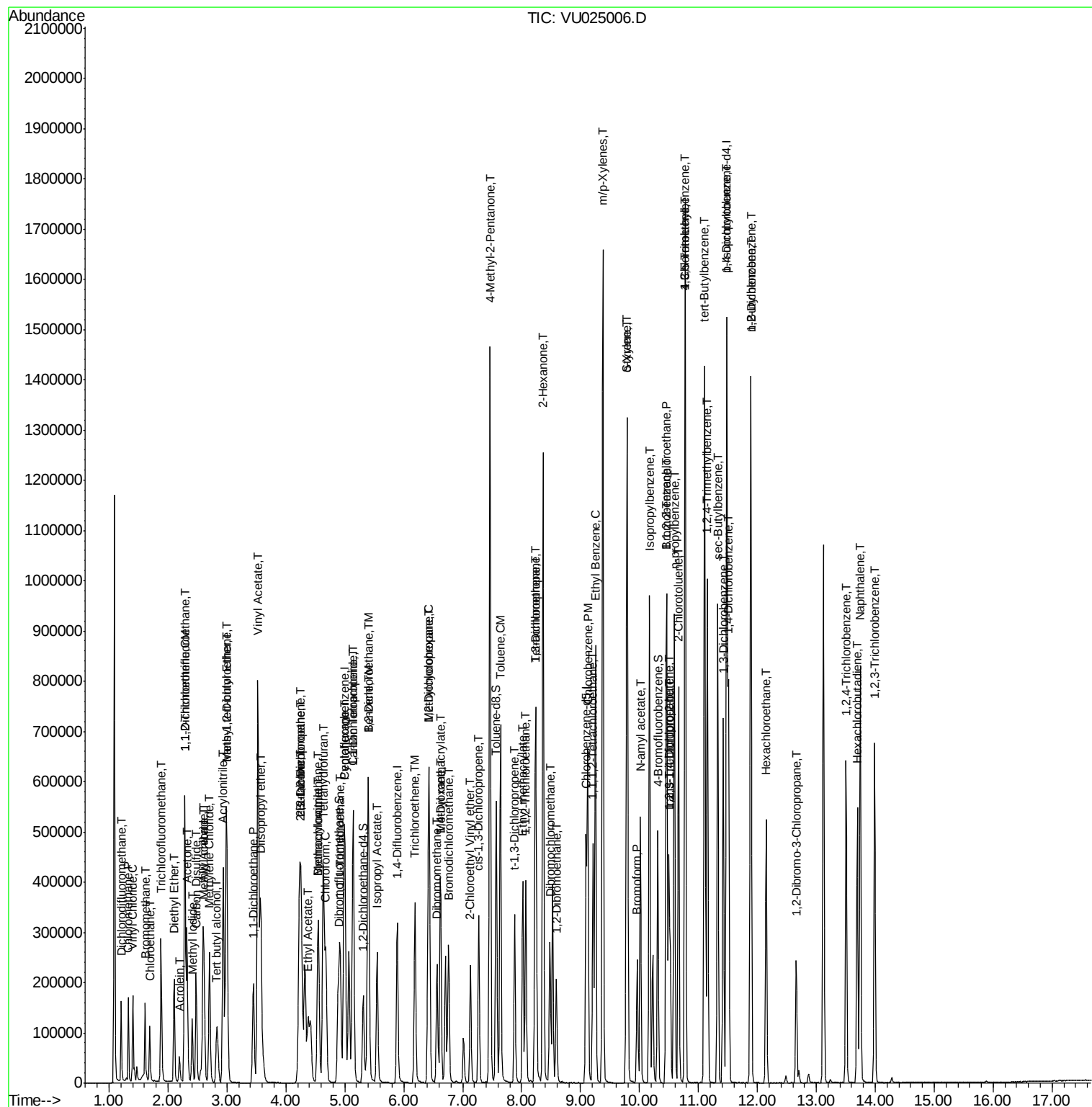
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	195292	54.580	ug/l	100
94) Hexachlorobutadiene	13.70	225	99965	49.637	ug/l	98
95) Naphthalene	13.74	128	649304	54.750	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	208083	58.363	ug/l	99

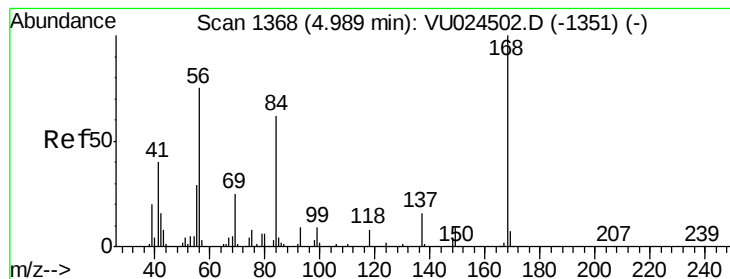
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
Data File : VU025006.D
Acq On : 28 Jun 2018 07:48
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleID :
VSTDCCC050EC

Quant Time: Jun 28 08:07:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

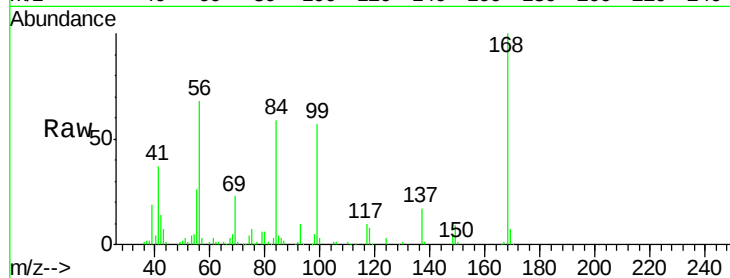
VSTDCCC050EC

Tgt Ion:168 Resp: 172406

Ion Ratio Lower Upper

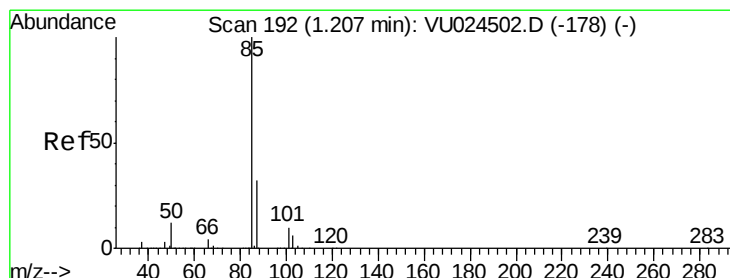
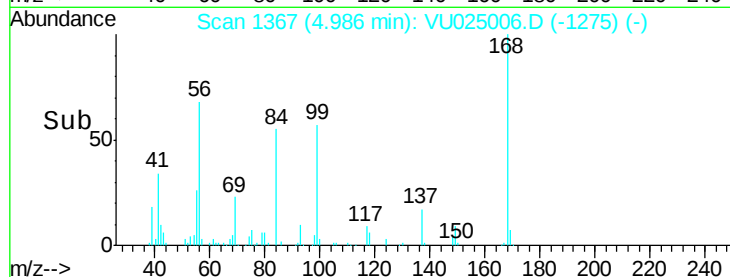
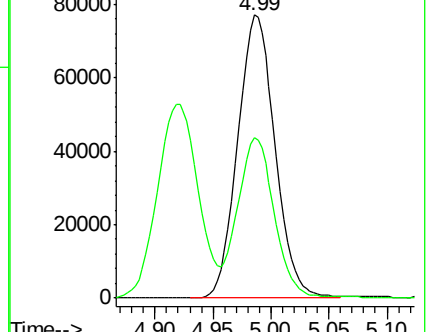
168 100

99 56.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#2

Dichlorodifluoromethane

Concen: 41.775 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025006.D

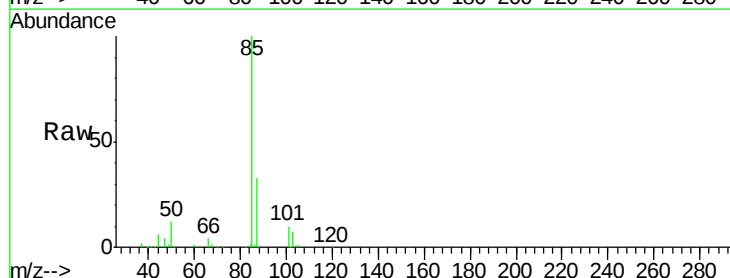
Acq: 28 Jun 2018 07:48

Tgt Ion: 85 Resp: 90149

Ion Ratio Lower Upper

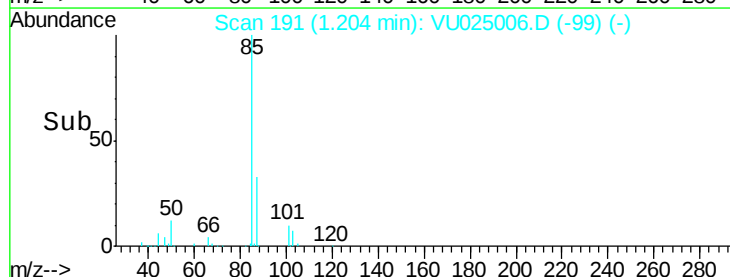
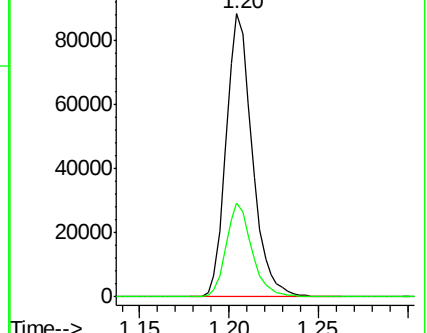
85 100

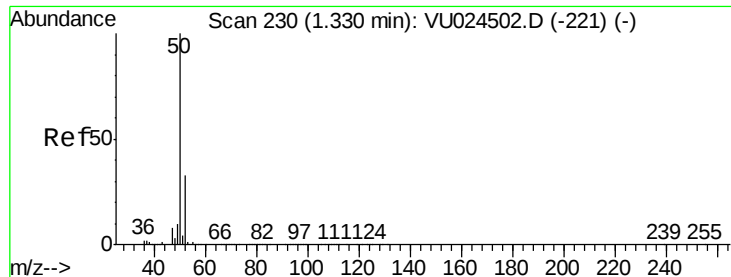
87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)





#3

Chloromethane

Concen: 44.223 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

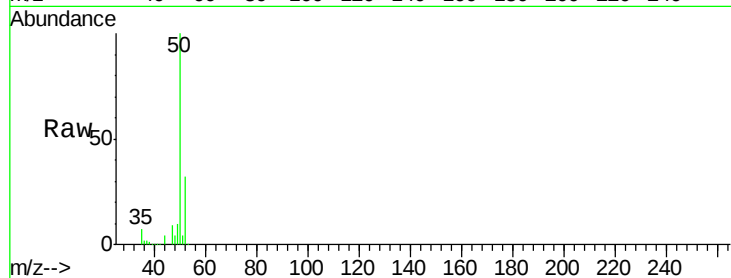
VSTDCCC050EC

Tgt Ion: 50 Resp: 97499

Ion Ratio Lower Upper

50 100

52 32.4 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU025006.D (-137) (-)

1.33

100000

80000

60000

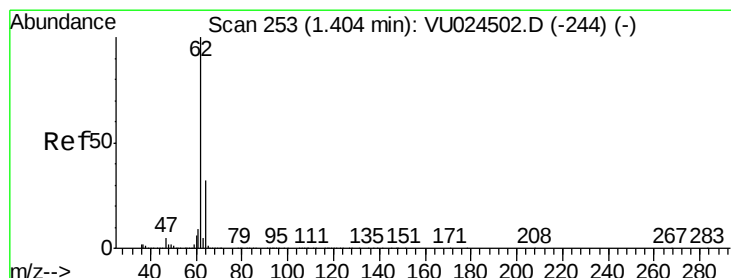
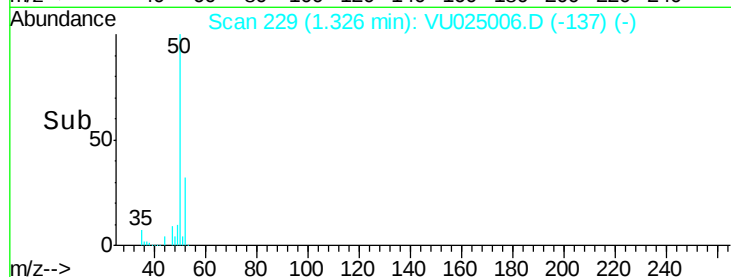
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 45.927 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025006.D

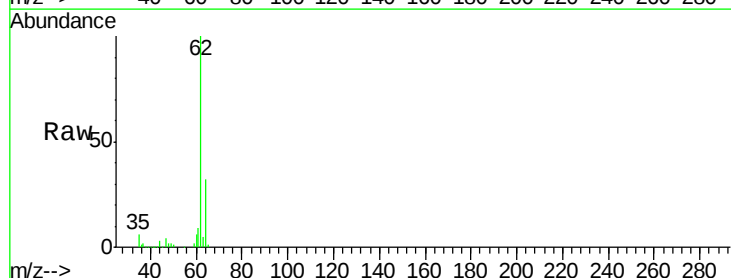
Acq: 28 Jun 2018 07:48

Tgt Ion: 62 Resp: 104423

Ion Ratio Lower Upper

62 100

64 31.5 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU025006.D (-160) (-)

1.40

100000

80000

60000

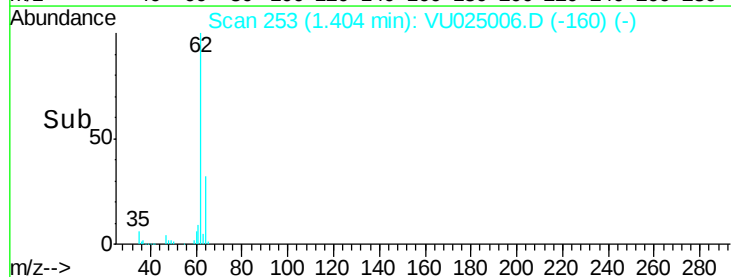
40000

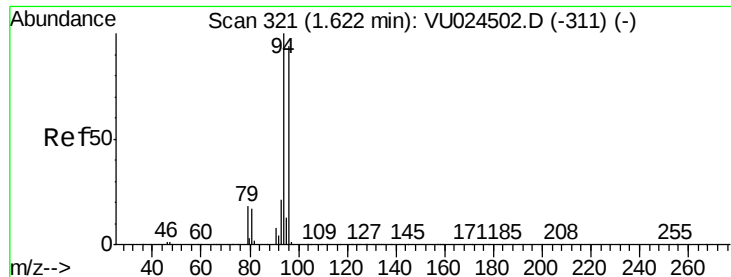
20000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 49.531 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

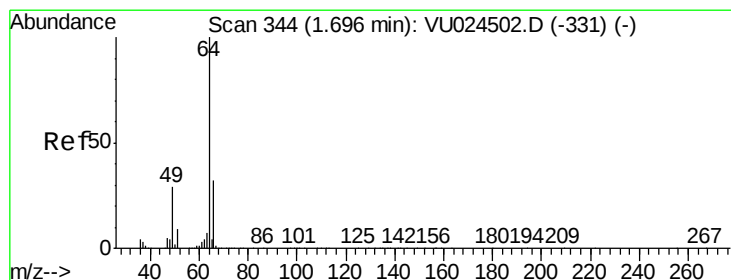
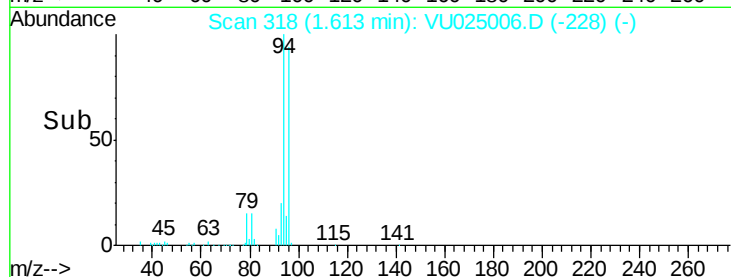
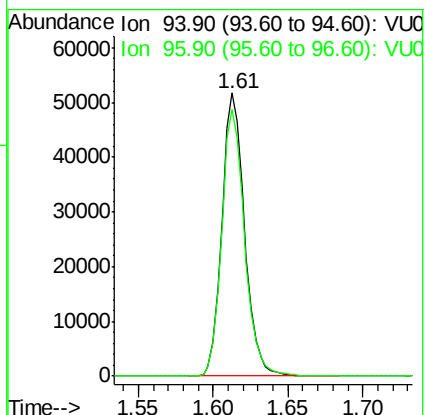
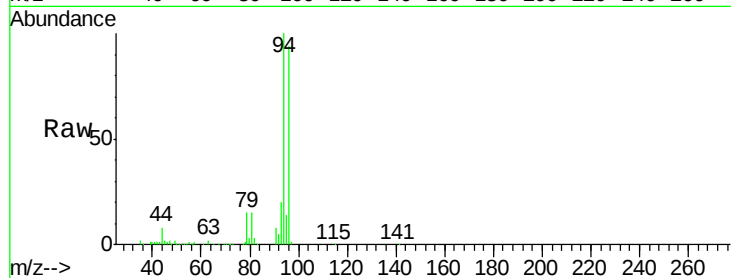
VSTDCCC050EC

Tgt Ion: 94 Resp: 54441

Ion Ratio Lower Upper

94 100

96 94.1 74.5 111.7



#6

Chloroethane

Concen: 54.055 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU025006.D

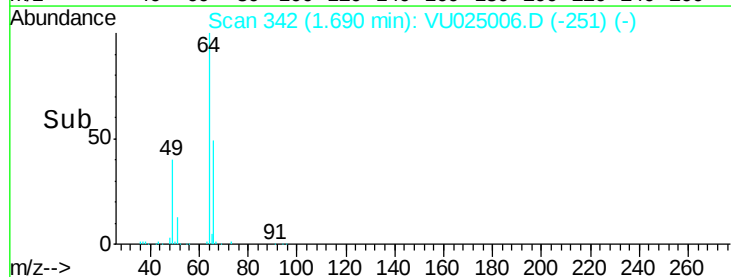
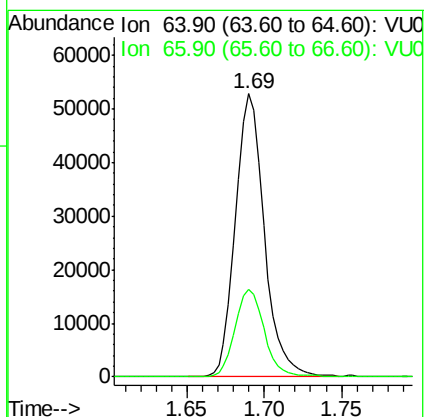
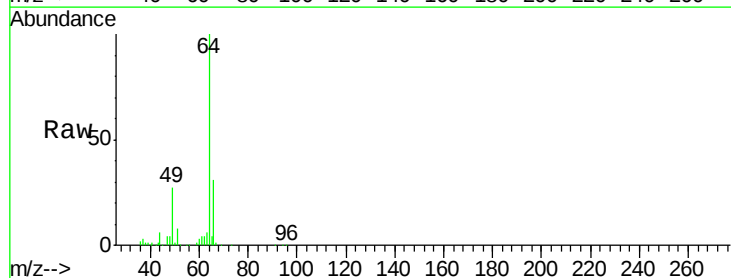
Acq: 28 Jun 2018 07:48

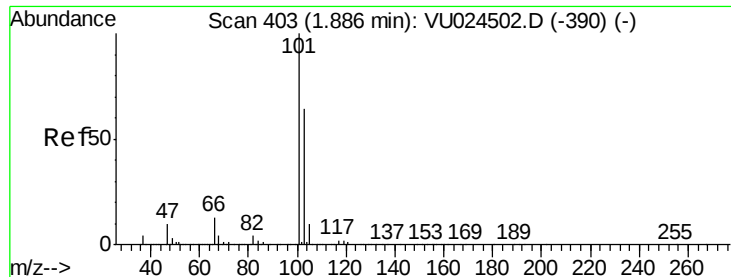
Tgt Ion: 64 Resp: 68568

Ion Ratio Lower Upper

64 100

66 30.9 25.5 38.3



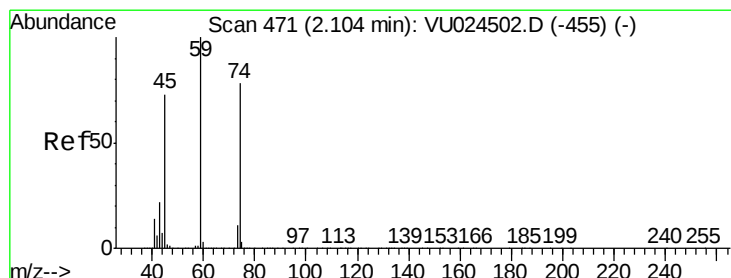
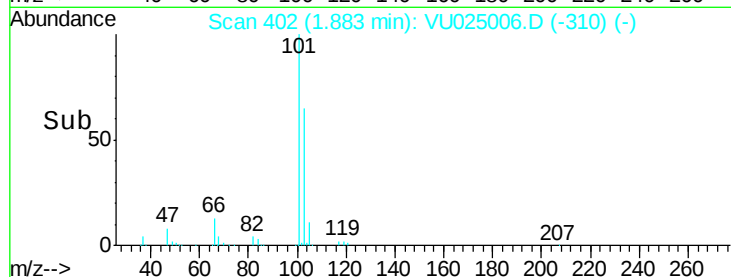
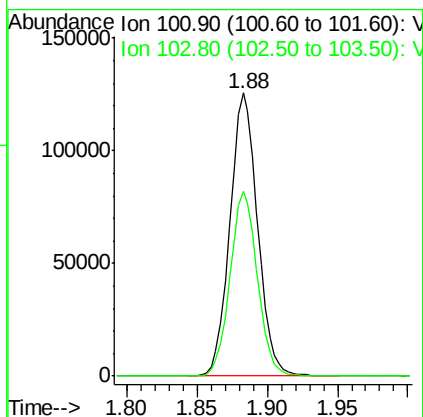
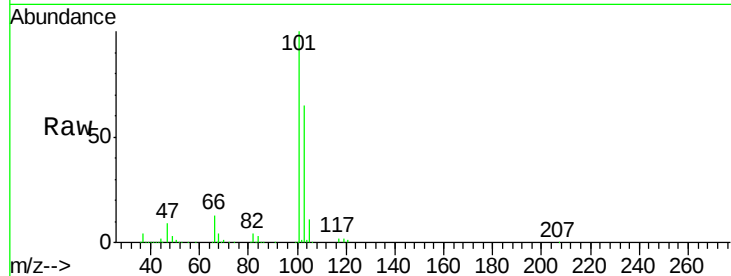


#7

Trichlorofluoromethane
 Concen: 49.621 ug/l
 RT: 1.88 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

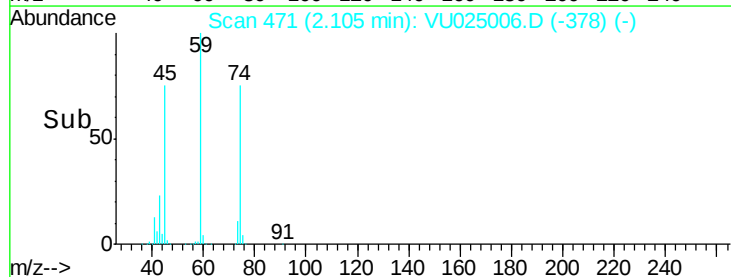
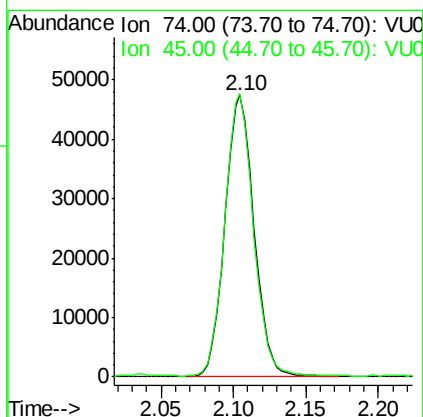
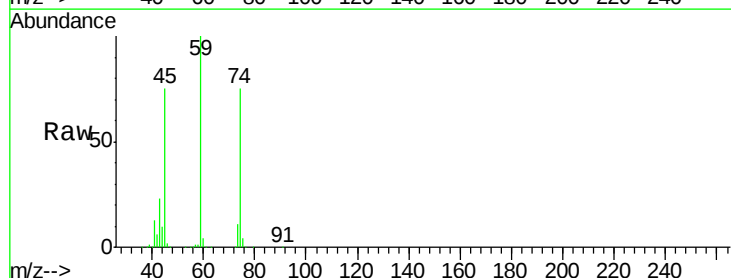
Tgt Ion:101 Resp: 172178
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.3 78.5

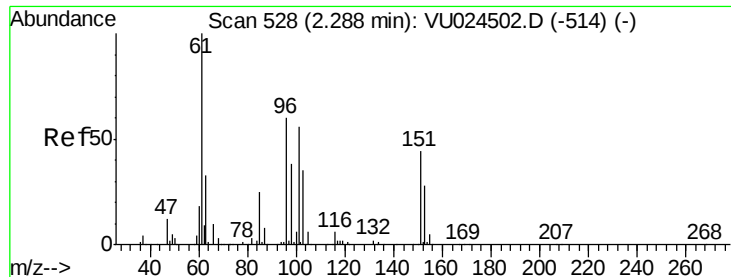


#8

Diethyl Ether
 Concen: 55.876 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Tgt Ion: 74 Resp: 65719
 Ion Ratio Lower Upper
 74 100
 45 98.3 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.584 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

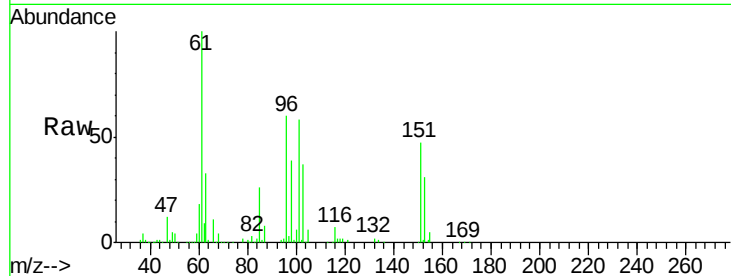
Tgt Ion:101 Resp: 100280

Ion Ratio Lower Upper

101 100

85 44.9 36.0 54.0

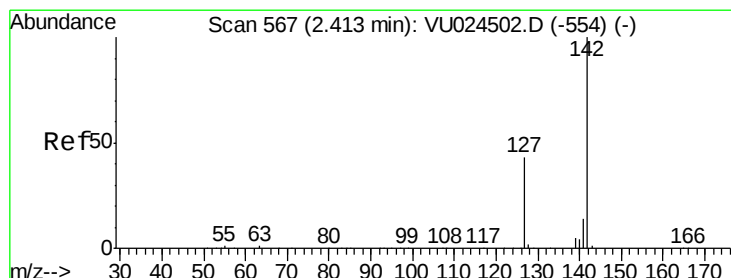
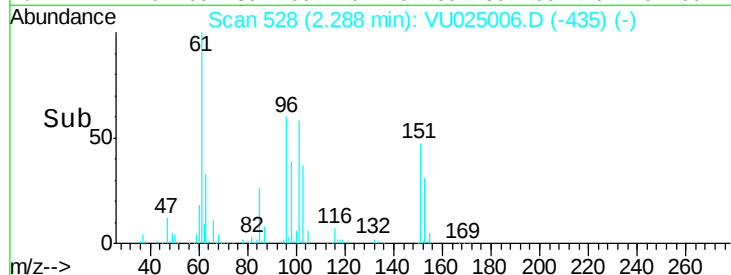
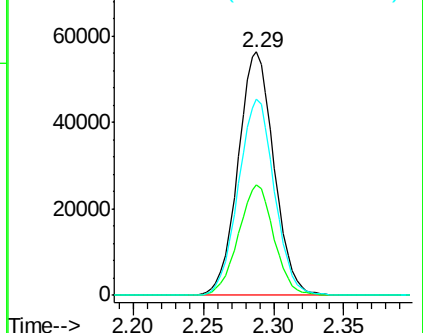
151 81.3 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 63.353 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

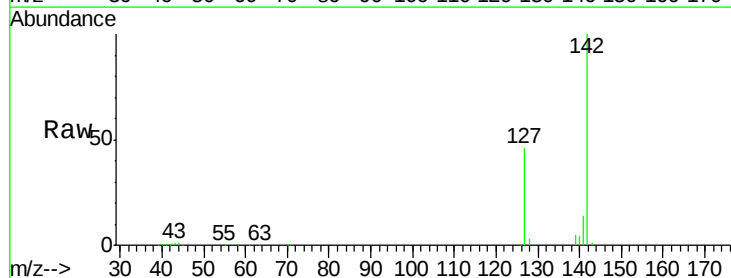
Tgt Ion:142 Resp: 118292

Ion Ratio Lower Upper

142 100

127 45.5 35.6 53.4

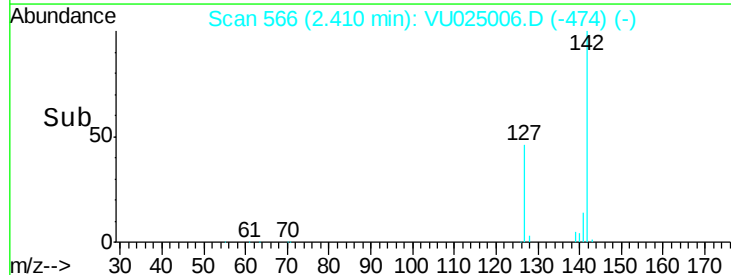
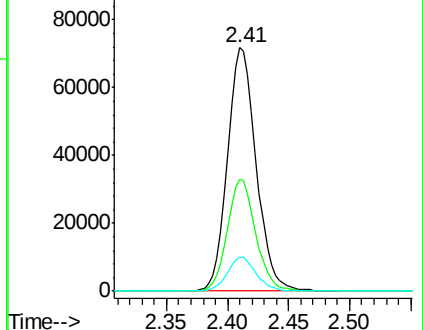
141 14.0 11.7 17.5

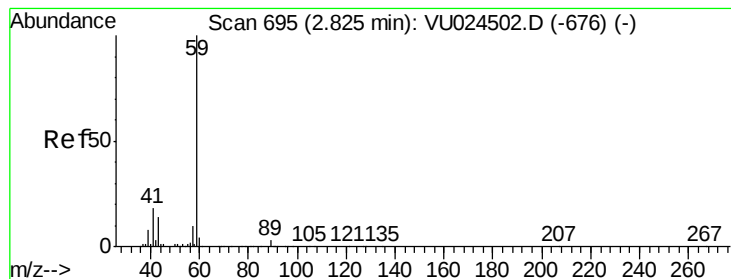


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



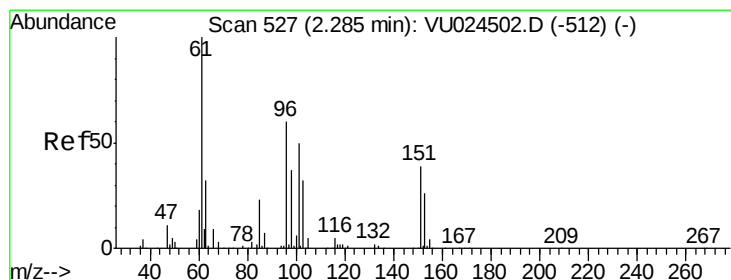
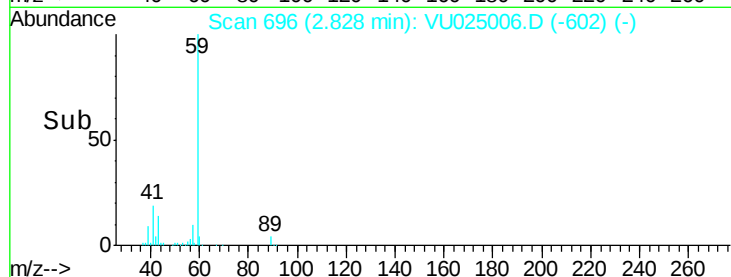
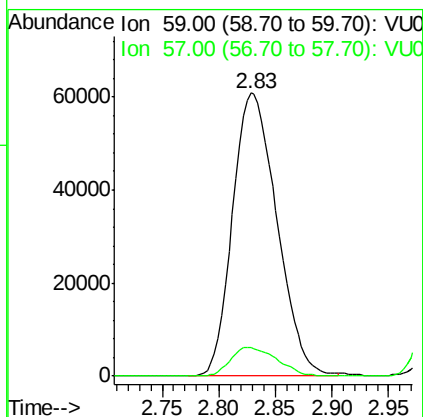
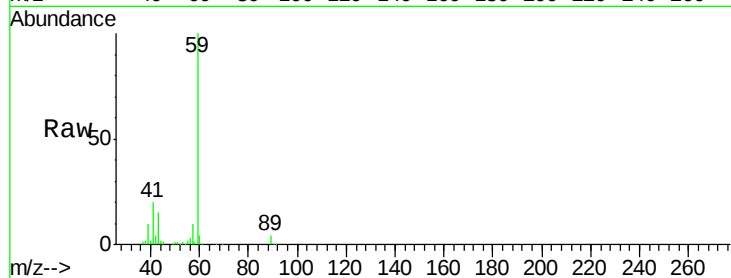


#11

Tert butyl alcohol
 Concen: 242.491 ug/l
 RT: 2.83 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

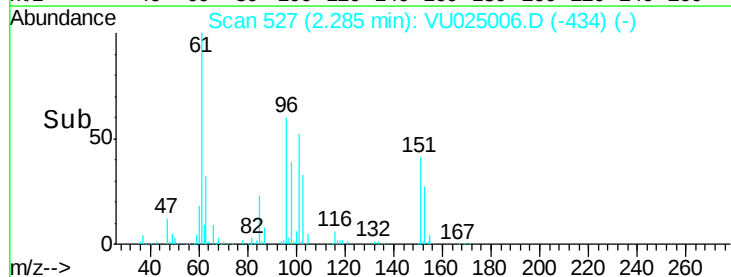
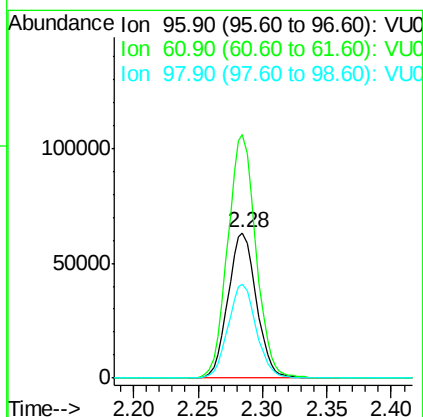
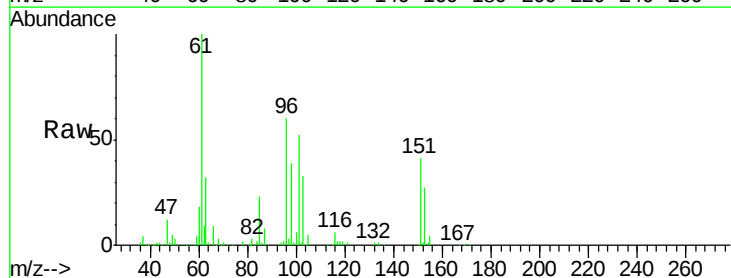
Tgt Ion: 59 Resp: 165992
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

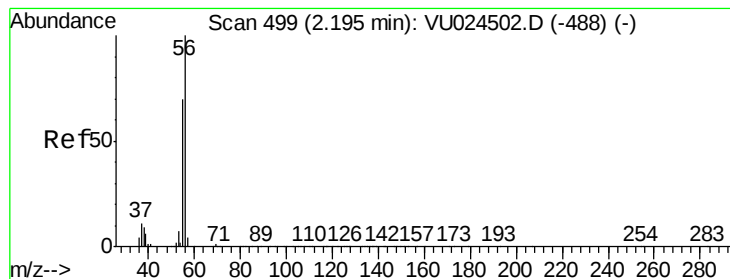


#12

1,1-Dichloroethene
 Concen: 49.244 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Tgt Ion: 96 Resp: 96671
 Ion Ratio Lower Upper
 96 100
 61 167.6 141.7 212.5
 98 64.9 51.6 77.4





#13

Acrolein

Concen: 97.604 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

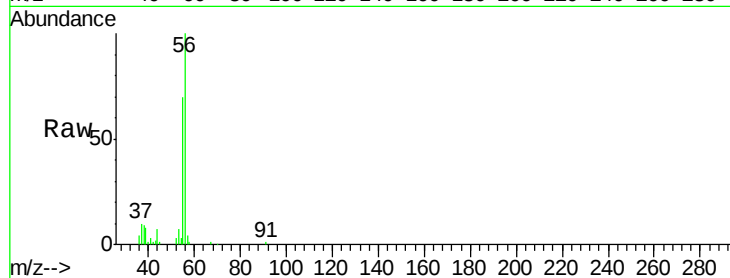
VSTDCCC050EC

Tgt Ion: 56 Resp: 35085

Ion Ratio Lower Upper

56 100

55 69.0 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VU024502.D (-488) (-)

Ion 55.00 (54.70 to 55.70): VU024502.D (-488) (-)

2.19

25000

20000

15000

10000

5000

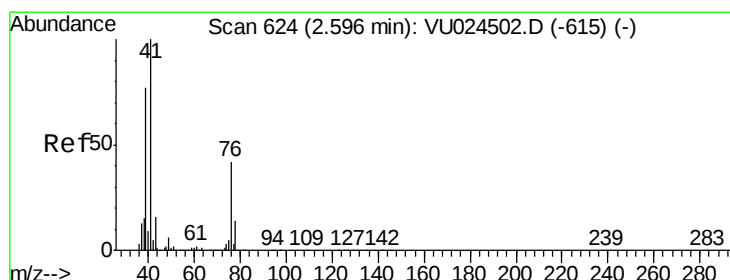
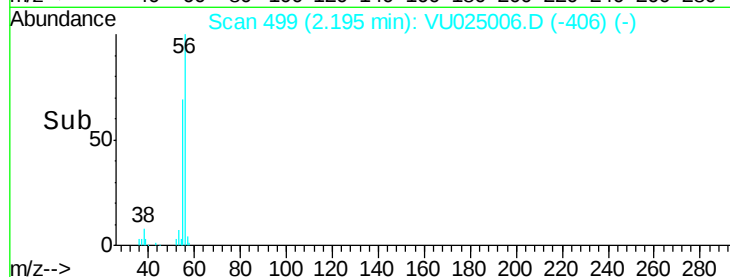
0

Time-->

2.15

2.20

2.25



#14

Allyl chloride

Concen: 44.511 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

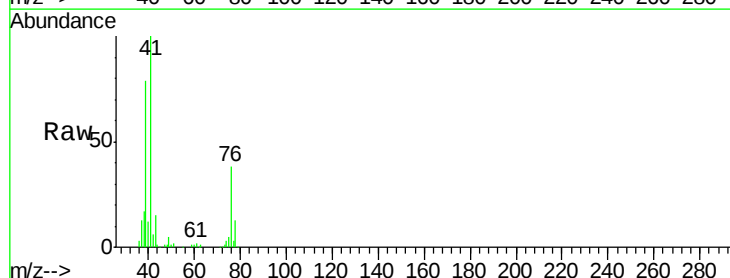
Tgt Ion: 41 Resp: 162239

Ion Ratio Lower Upper

41 100

39 77.7 61.6 92.4

76 37.3 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VU024502.D (-615) (-)

Ion 39.00 (38.70 to 39.70): VU024502.D (-615) (-)

Ion 75.90 (75.60 to 76.60): VU024502.D (-615) (-)

120000

100000

80000

60000

40000

20000

0

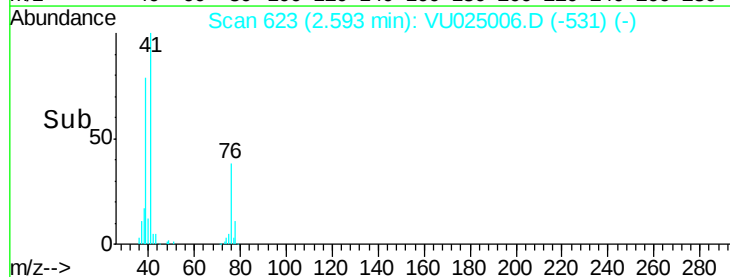
Time-->

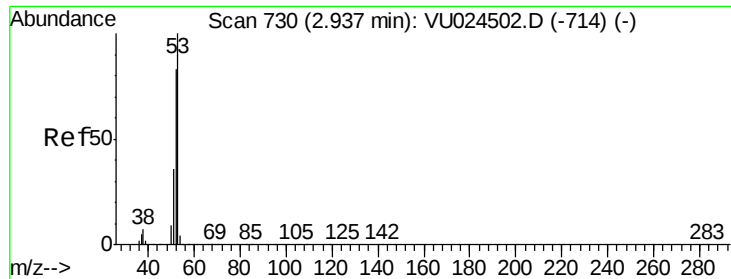
2.55

2.60

2.65

2.70

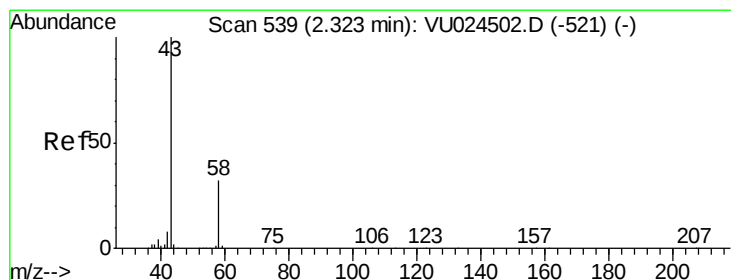
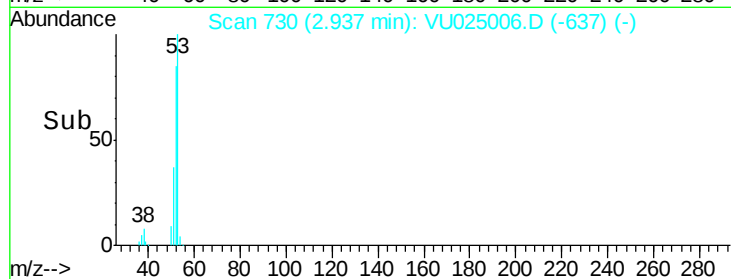
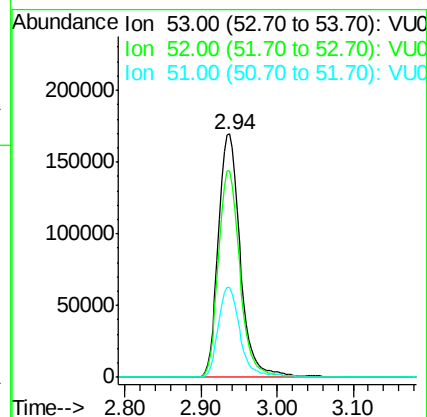
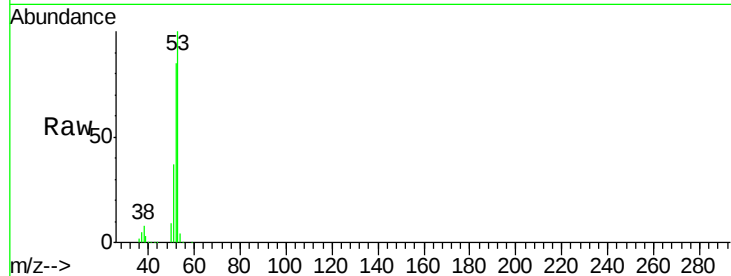




#15
 Acrylonitrile
 Concen: 255.177 ug/l
 RT: 2.94 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

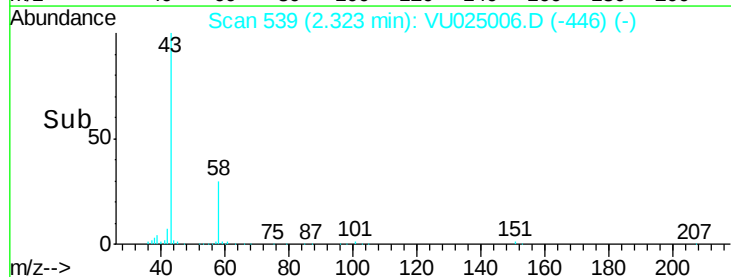
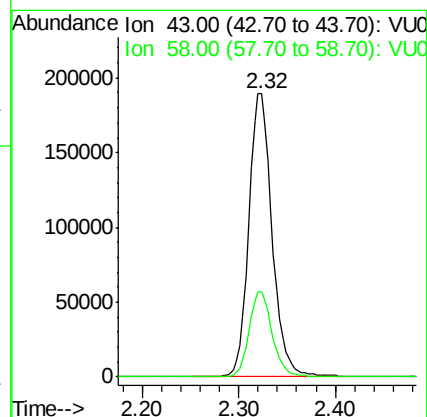
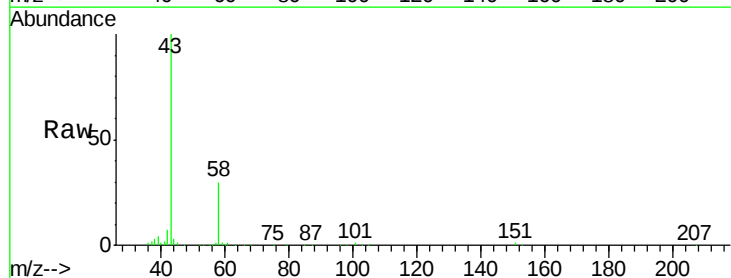
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

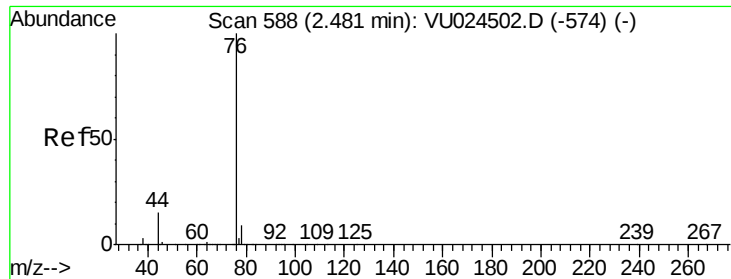
Tgt Ion: 53 Resp: 339852
 Ion Ratio Lower Upper
 53 100
 52 83.0 67.1 100.7
 51 35.9 28.4 42.6



#16
 Acetone
 Concen: 208.840 ug/l
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Tgt Ion: 43 Resp: 315821
 Ion Ratio Lower Upper
 43 100
 58 30.0 24.4 36.6

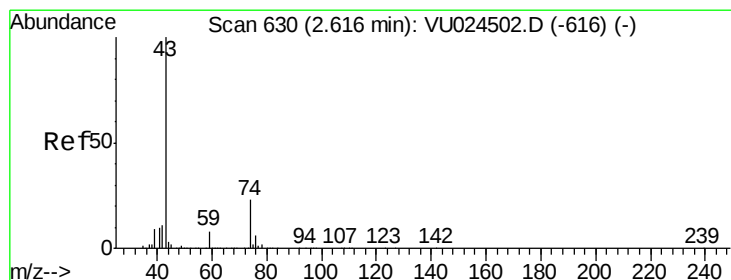
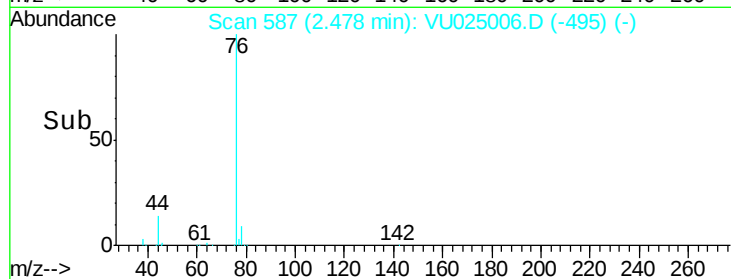
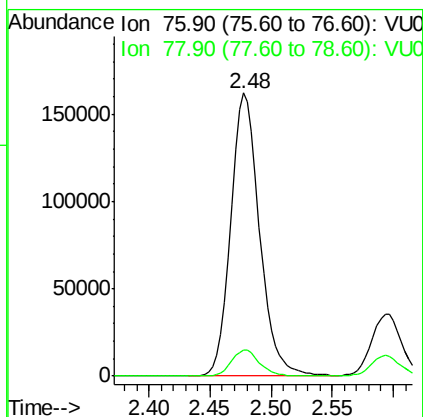
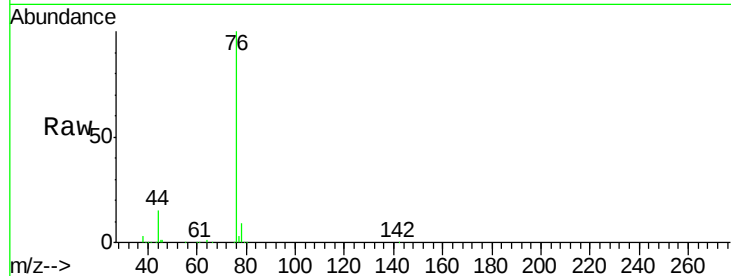




#17
 Carbon Disulfide
 Concen: 42.527 ug/l
 RT: 2.48 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

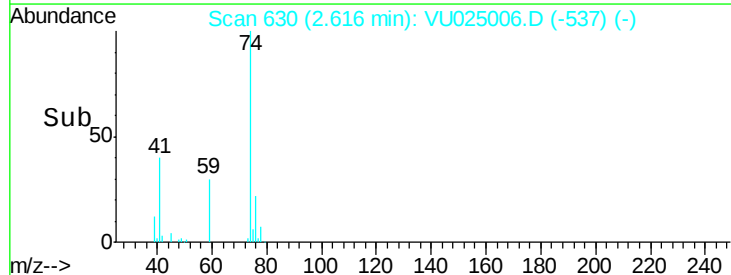
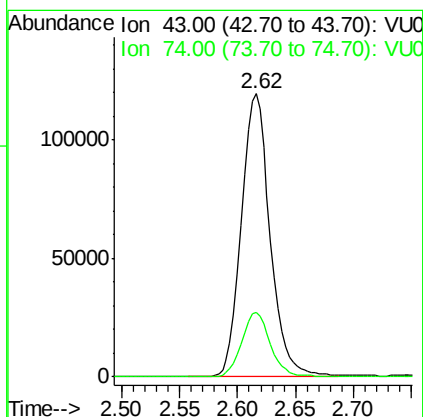
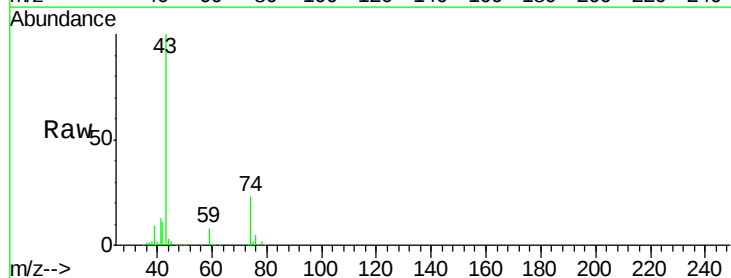
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

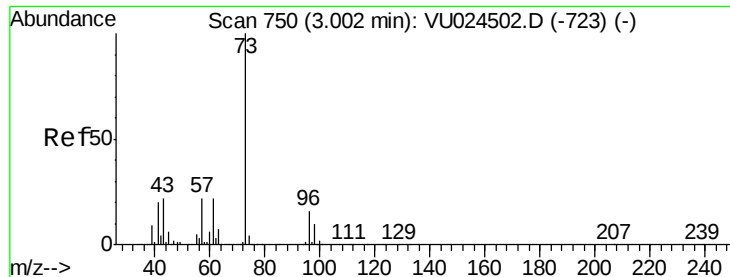
Tgt Ion: 76 Resp: 267319
 Ion Ratio Lower Upper
 76 100
 78 9.1 7.1 10.7



#18
 Methyl Acetate
 Concen: 63.209 ug/l
 RT: 2.62 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Tgt Ion: 43 Resp: 204921
 Ion Ratio Lower Upper
 43 100
 74 23.0 18.0 27.0

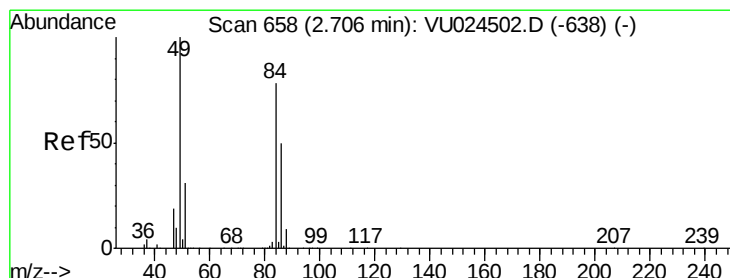
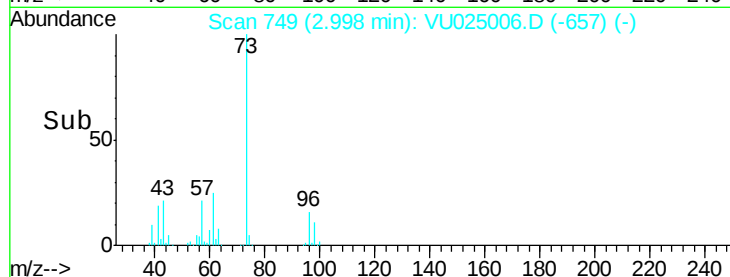
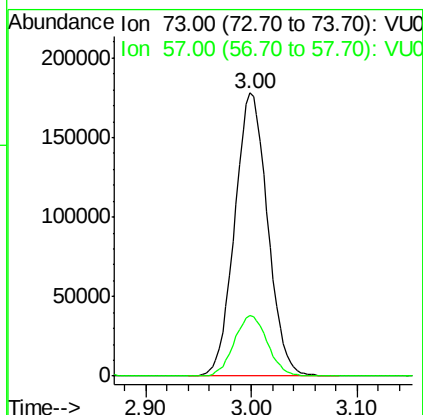
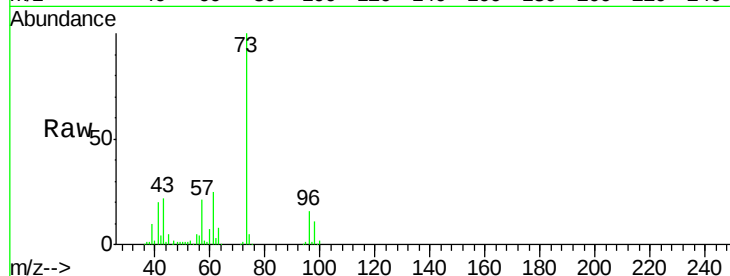




#19
Methyl tert-butyl Ether
Concen: 52.217 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

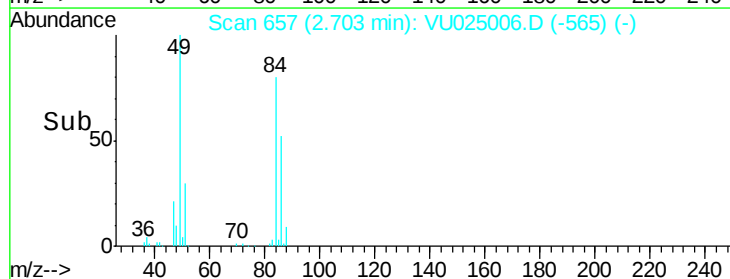
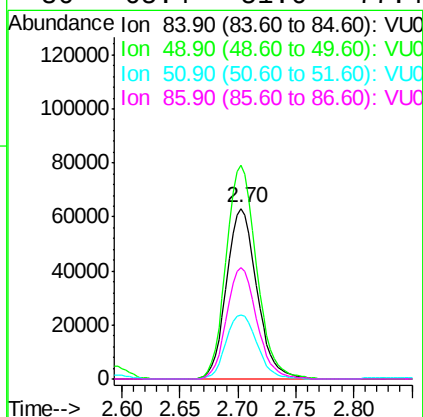
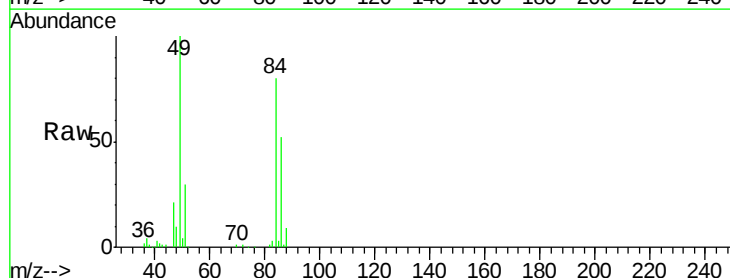
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

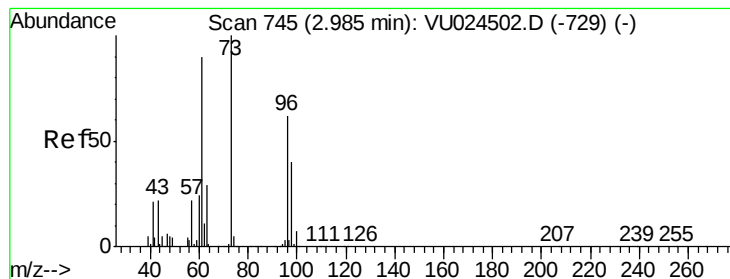
Tgt Ion: 73 Resp: 385320
Ion Ratio Lower Upper
73 100
57 21.3 18.8 28.2



#20
Methylene Chloride
Concen: 48.352 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

Tgt Ion: 84 Resp: 114733
Ion Ratio Lower Upper
84 100
49 125.1 103.8 155.8
51 37.8 32.0 48.0
86 65.4 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 49.279 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

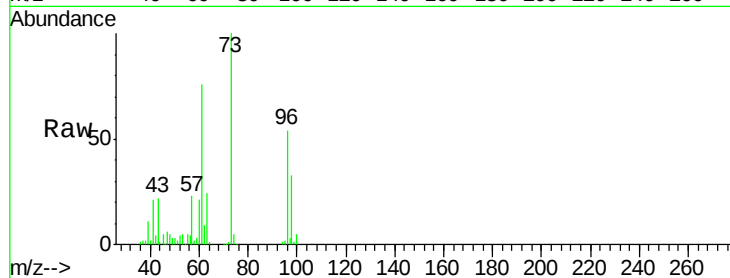
Tgt Ion: 96 Resp: 106548

Ion Ratio Lower Upper

96 100

61 139.4 119.4 179.0

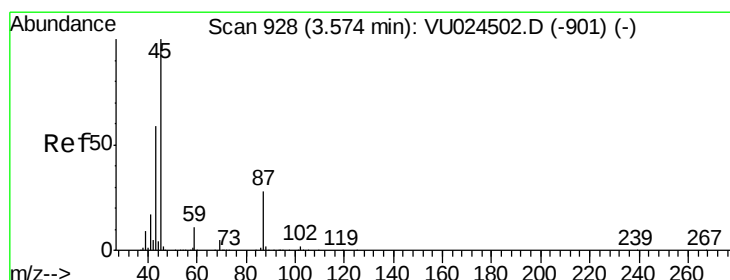
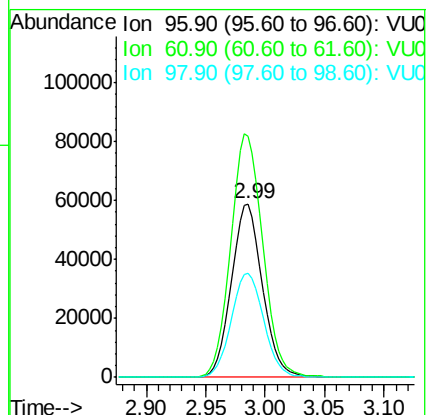
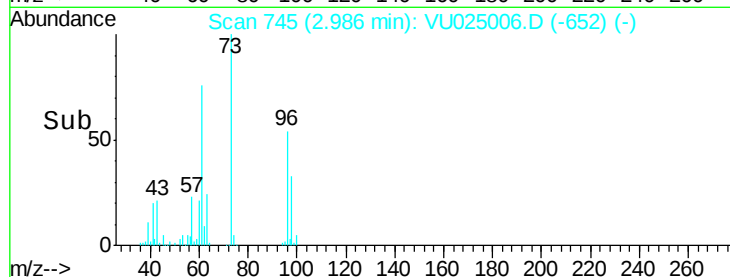
98 60.2 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU025006.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VU025006.D (-652) (-)

Ion 97.90 (97.60 to 98.60): VU025006.D (-652) (-)



#22

Diisopropyl ether

Concen: 50.884 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Tgt Ion: 45 Resp: 367664

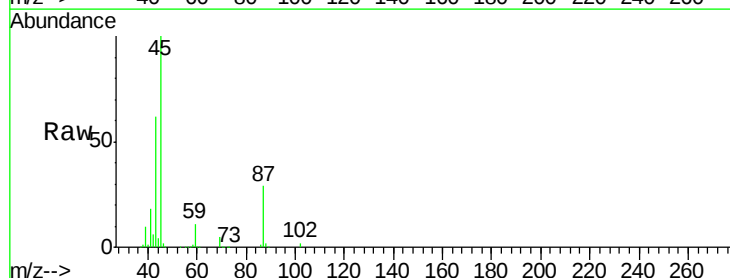
Ion Ratio Lower Upper

45 100

43 61.2 45.8 68.6

87 28.4 20.6 31.0

59 11.2 9.4 14.0

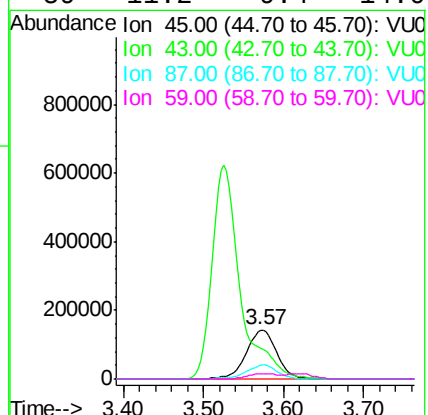
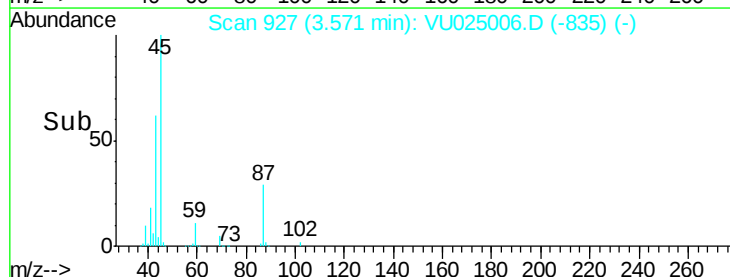


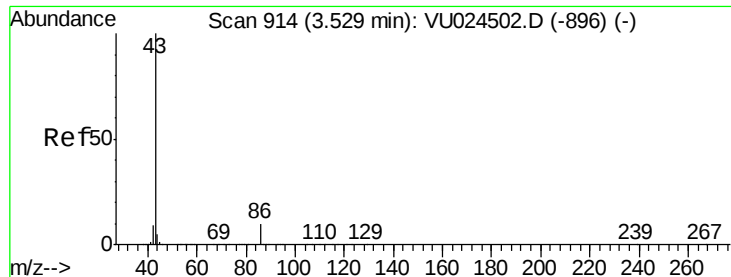
Abundance Ion 45.00 (44.70 to 45.70): VU025006.D (-835) (-)

Ion 43.00 (42.70 to 43.70): VU025006.D (-835) (-)

Ion 87.00 (86.70 to 87.70): VU025006.D (-835) (-)

Ion 59.00 (58.70 to 59.70): VU025006.D (-835) (-)





#23

Vinyl Acetate

Concen: 235.276 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

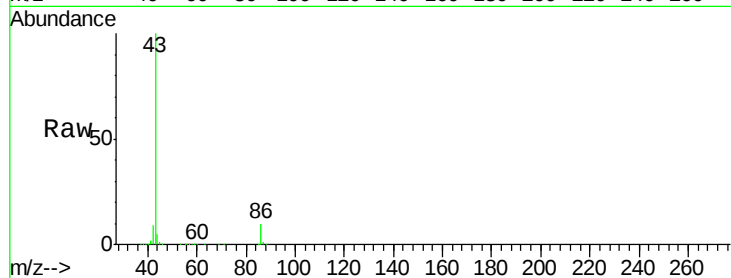
VSTDCCC050EC

Tgt Ion: 43 Resp: 1522846

Ion Ratio Lower Upper

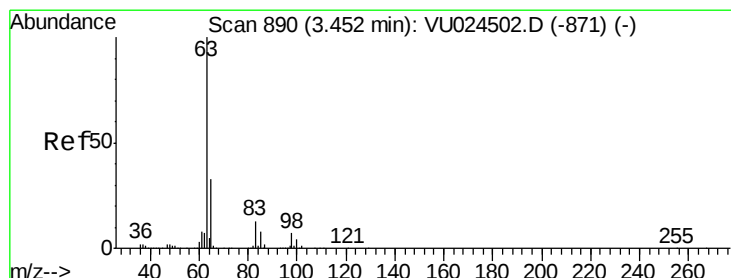
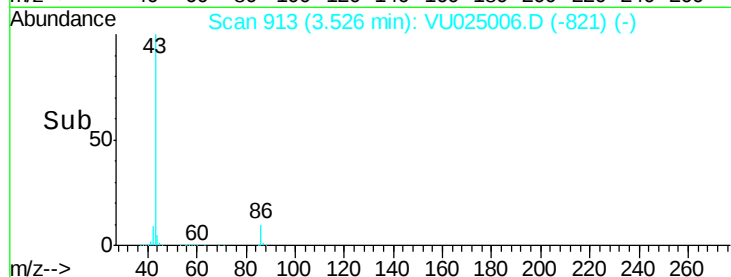
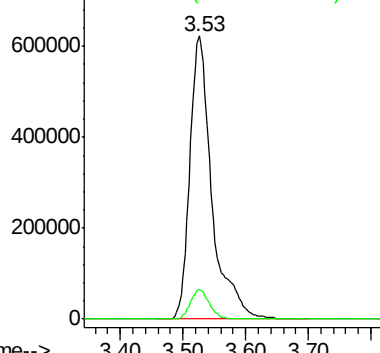
43 100

86 10.4 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 50.732 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

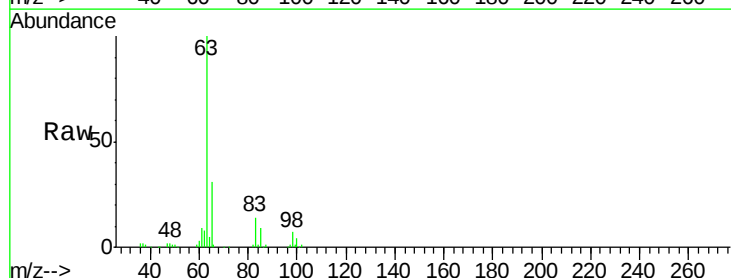
Tgt Ion: 63 Resp: 210874

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

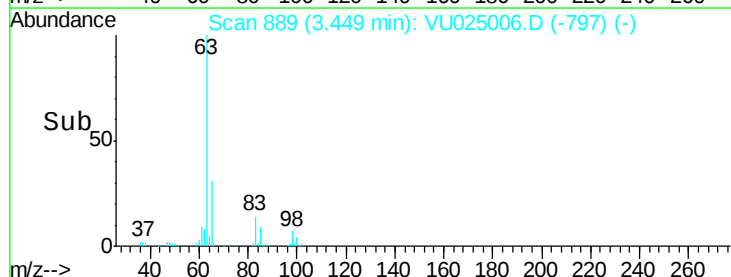
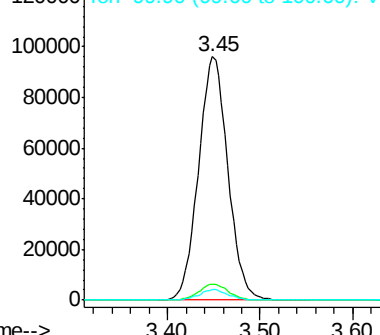
100 4.2 1.8 5.5

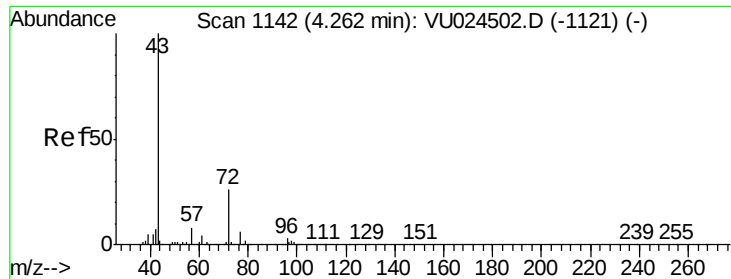


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 243.084 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

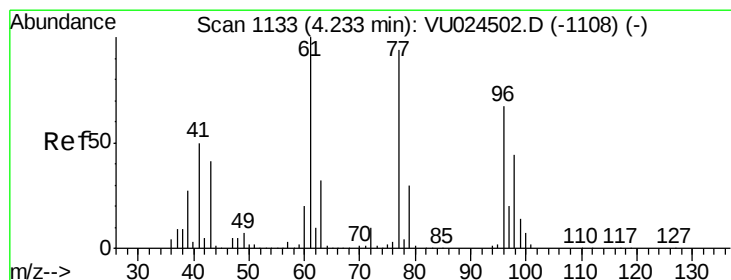
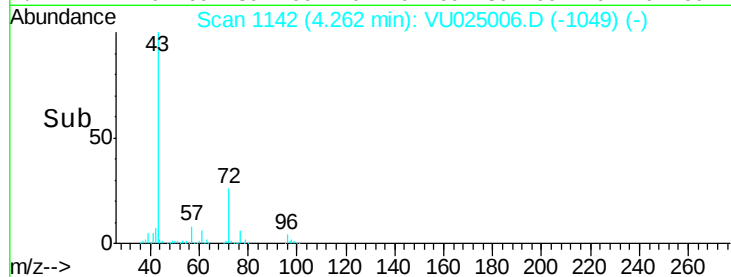
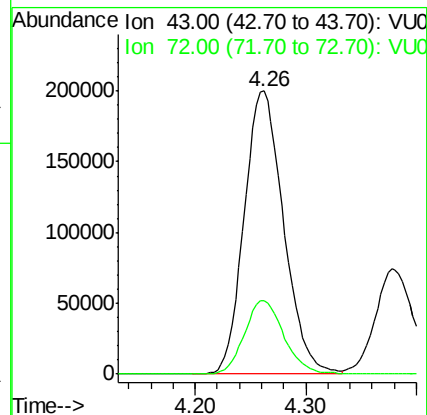
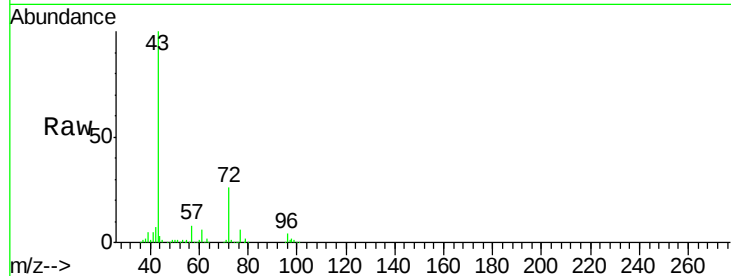
VSTDCCC050EC

Tgt Ion: 43 Resp: 493779

Ion Ratio Lower Upper

43 100

72 26.2 19.6 29.4



#26

2,2-Dichloropropane

Concen: 33.469 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025006.D

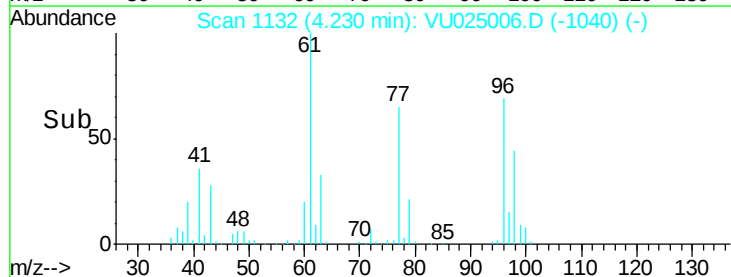
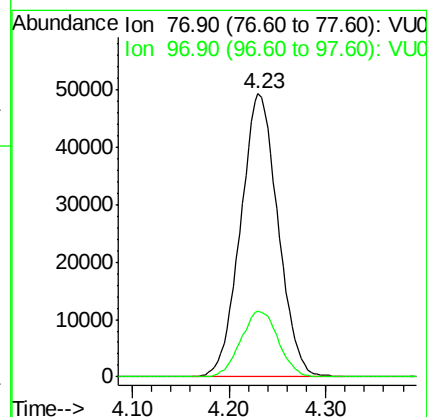
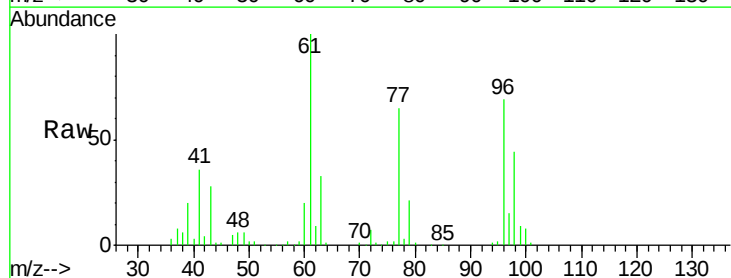
Acq: 28 Jun 2018 07:48

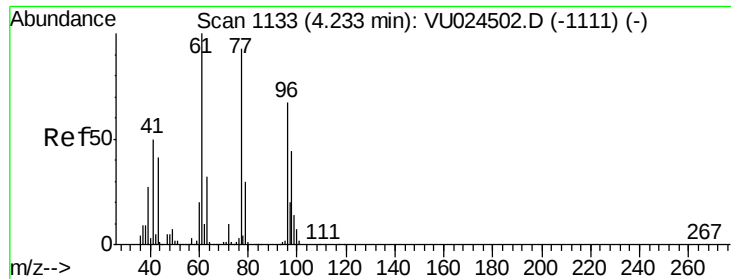
Tgt Ion: 77 Resp: 132099

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.8

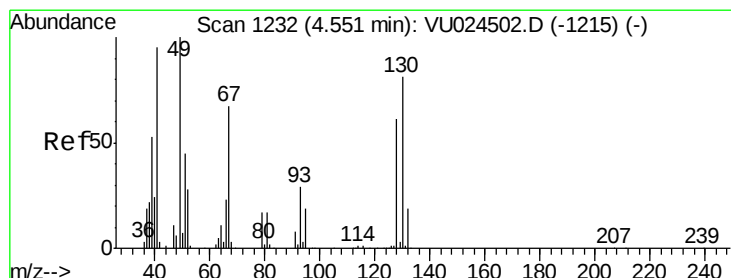
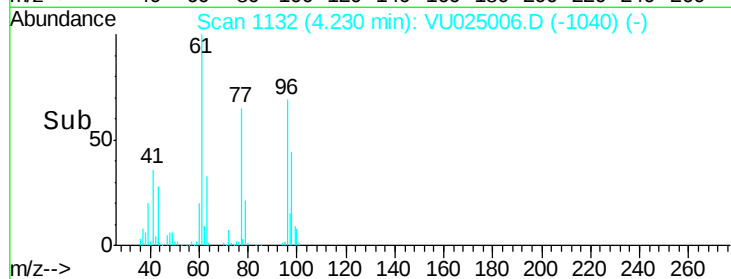
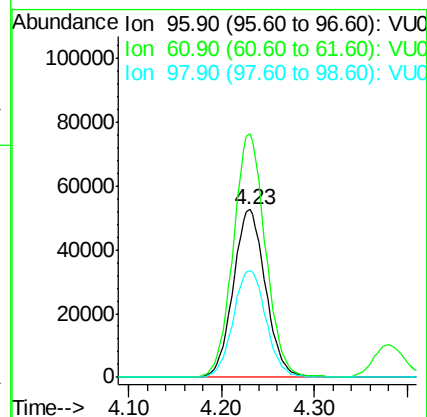
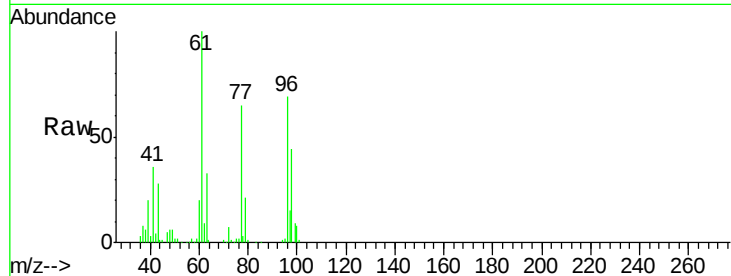




#27
 cis-1,2-Dichloroethene
 Concen: 51.198 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

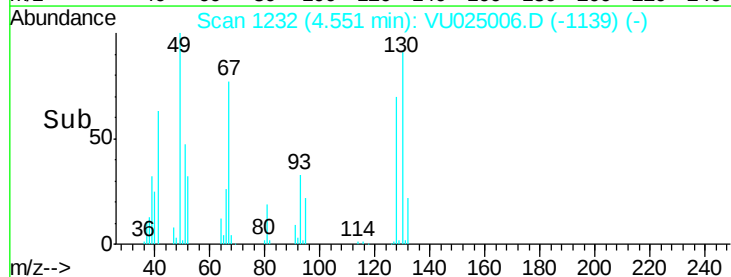
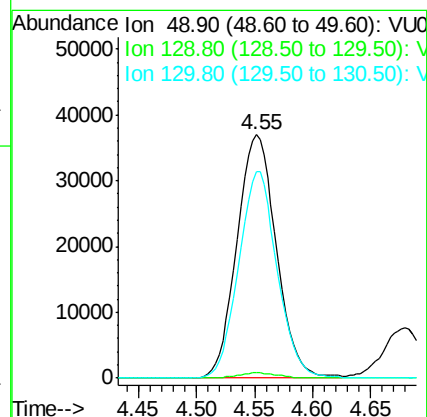
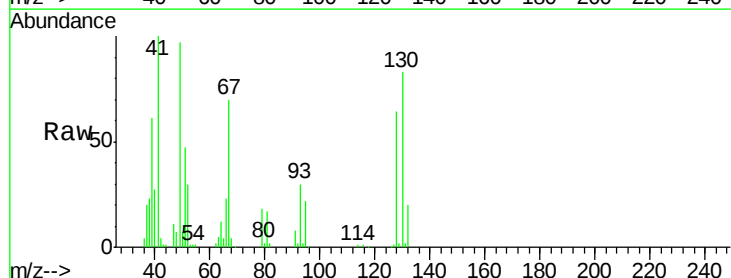
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

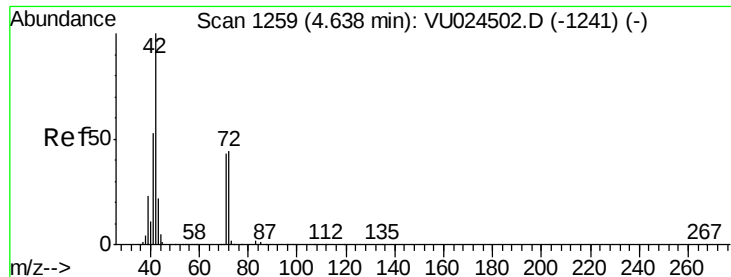
Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	306.6
98	64.4	0.0	128.8



#28
 Bromochloromethane
 Concen: 47.644 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	82.9	57.8	86.6





#29

Tetrahydrofuran

Concen: 251.300 ug/l

RT: 4.64 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

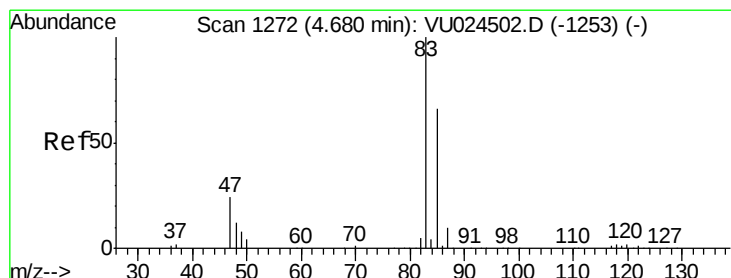
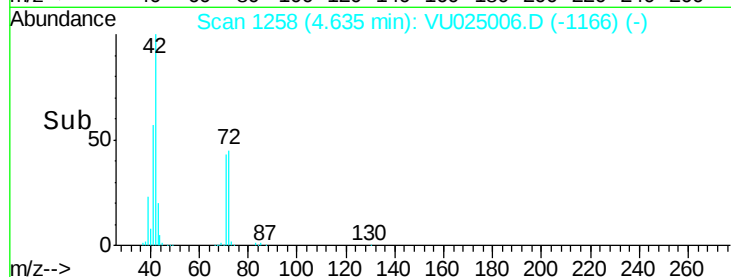
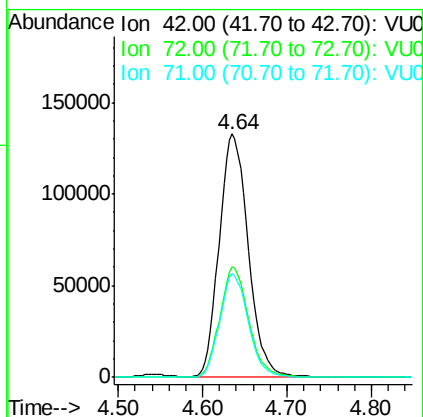
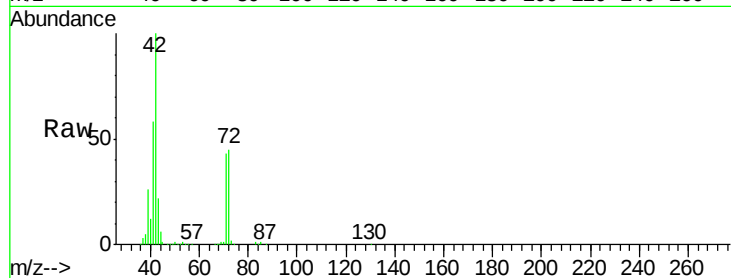
Tgt Ion: 42 Resp: 316117

Ion Ratio Lower Upper

42 100

72 45.2 34.5 51.7

71 42.0 32.2 48.4



#30

Chloroform

Concen: 52.314 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025006.D

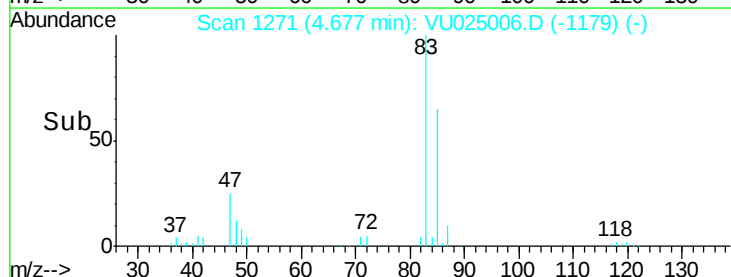
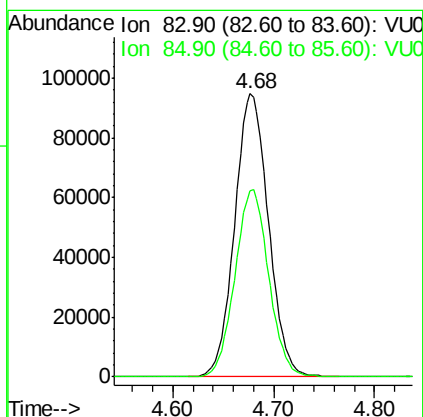
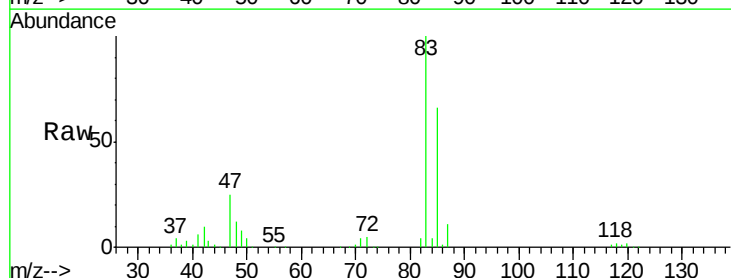
Acq: 28 Jun 2018 07:48

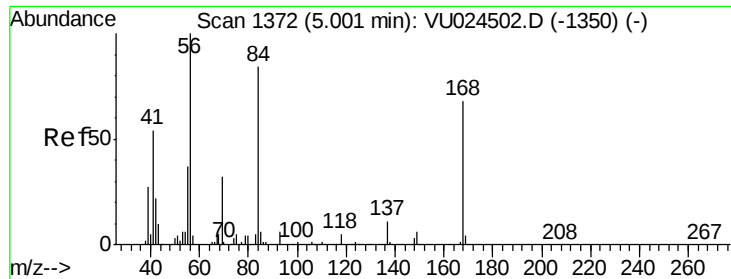
Tgt Ion: 83 Resp: 220098

Ion Ratio Lower Upper

83 100

85 65.7 52.4 78.6

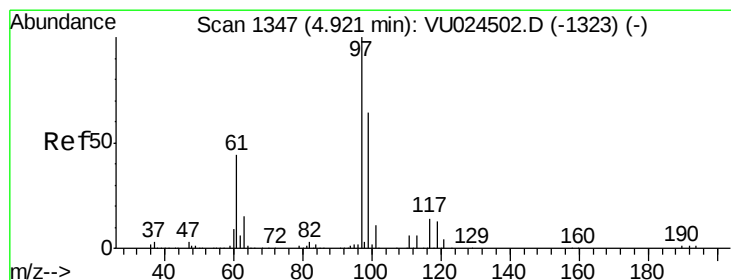
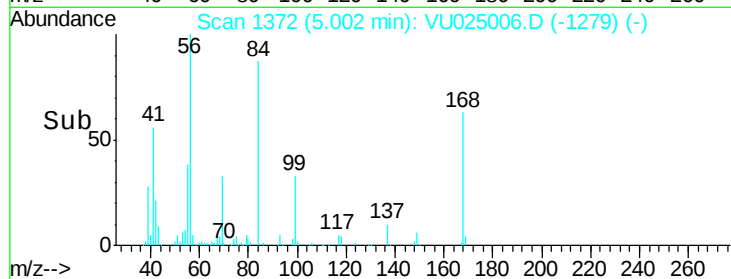
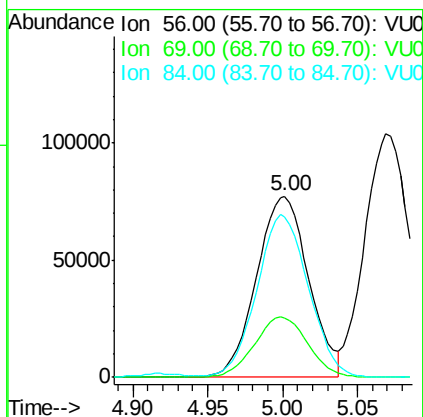
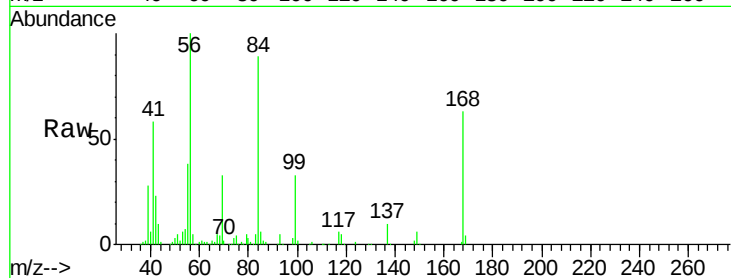




#31
Cyclohexane
Concen: 50.687 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

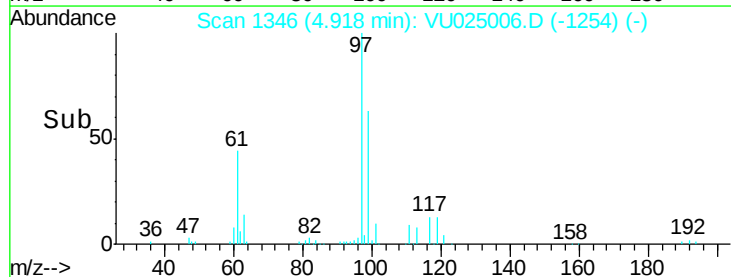
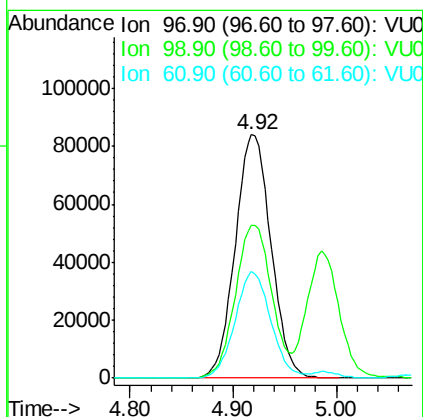
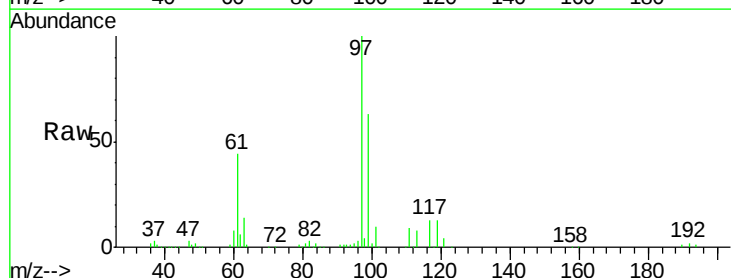
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

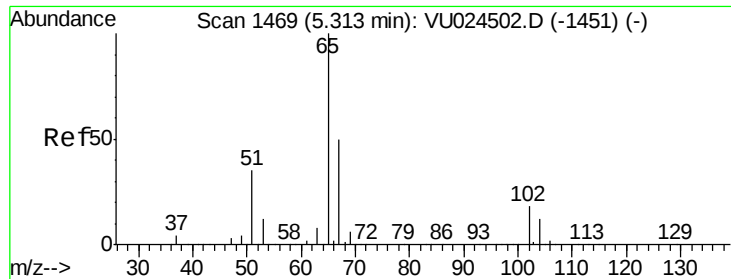
Tgt Ion: 56 Resp: 186999
Ion Ratio Lower Upper
56 100
69 32.9 24.8 37.2
84 87.9 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 52.247 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

Tgt Ion: 97 Resp: 203267
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.6
61 43.6 39.4 59.0

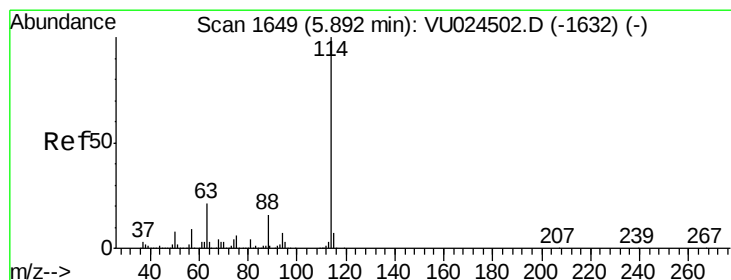
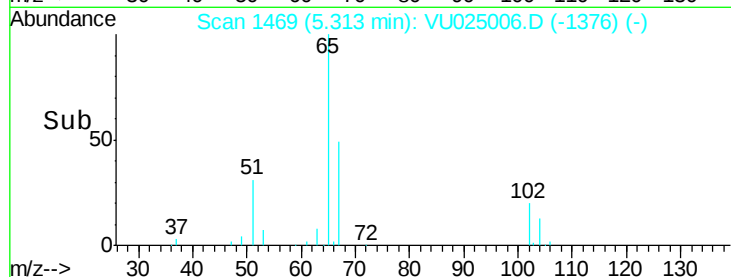
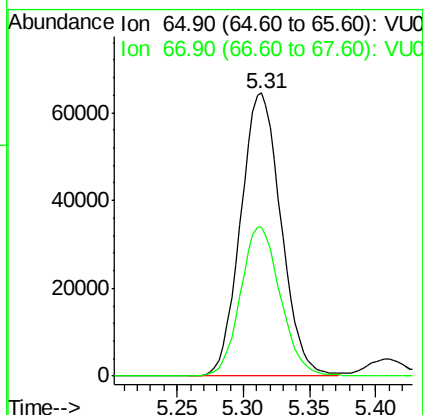
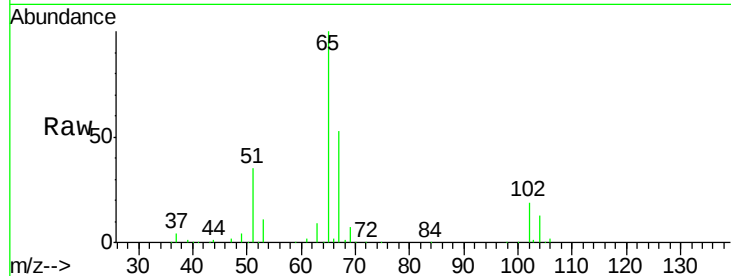




#33
 1,2-Dichloroethane-d4
 Concen: 48.675 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

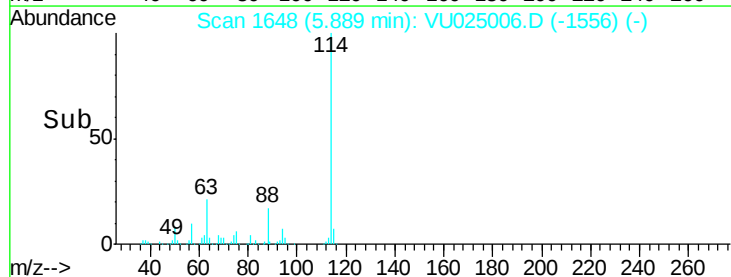
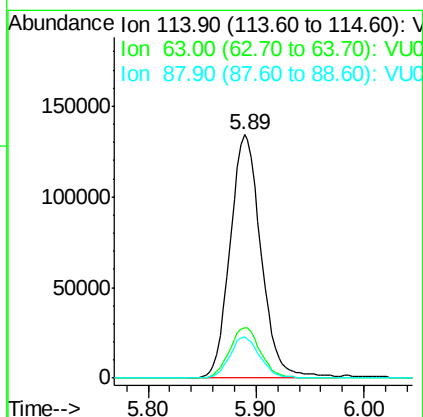
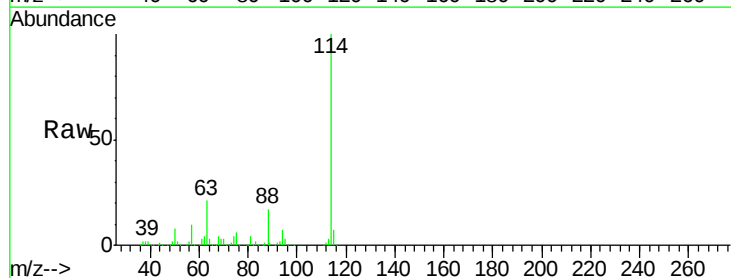
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

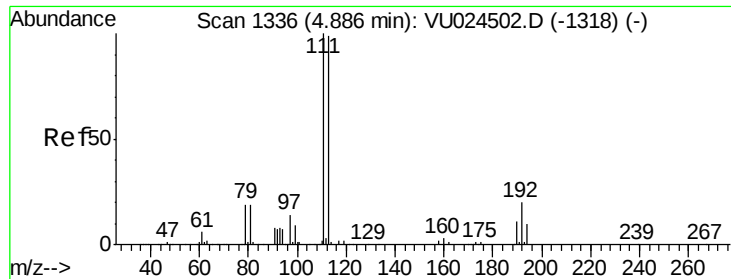
Tgt Ion: 65 Resp: 136999
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Tgt Ion: 114 Resp: 269151
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.4
 88 16.8 0.0 31.0

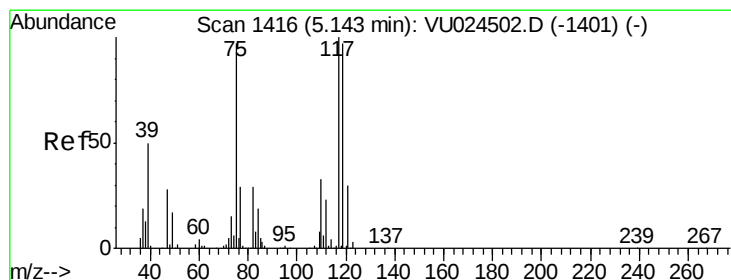
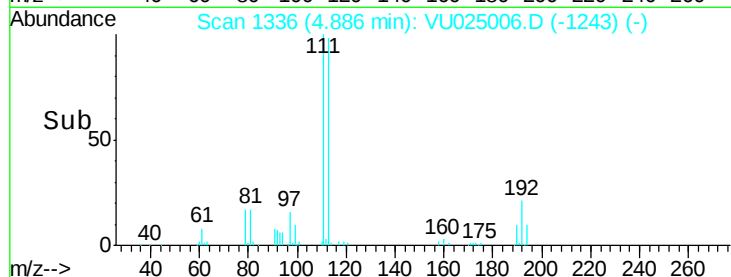
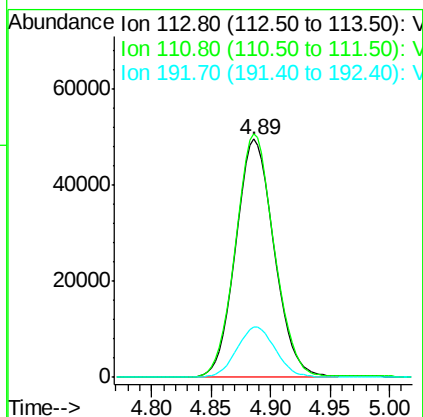
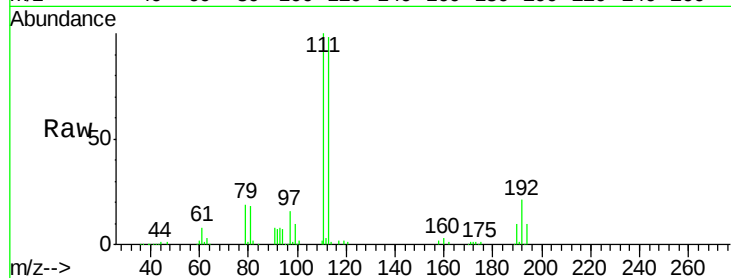




#35
 Dibromofluoromethane
 Concen: 49.776 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

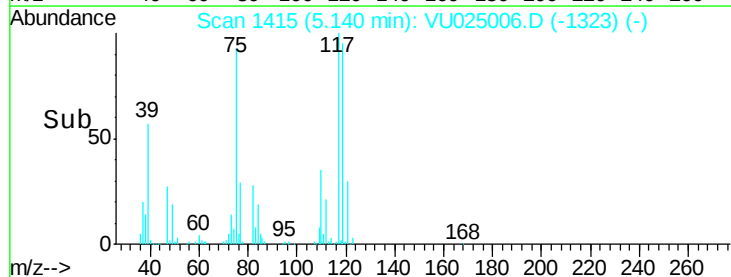
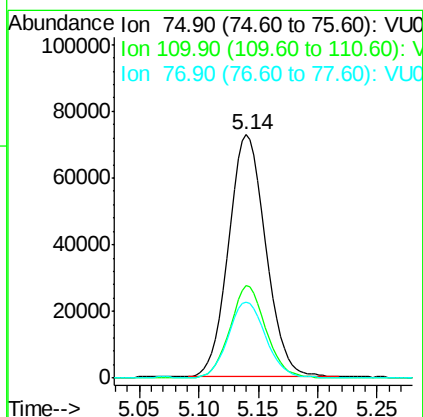
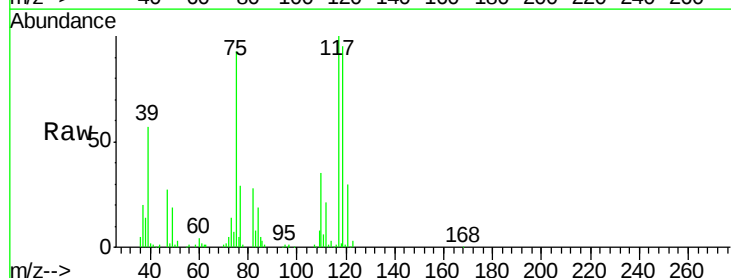
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

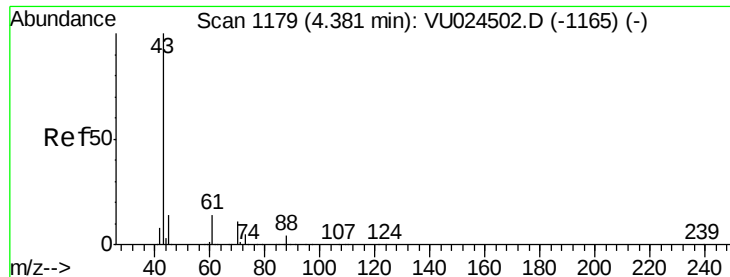
Tgt Ion:113 Resp: 111188
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 21.3 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 49.532 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Tgt Ion: 75 Resp: 156656
 Ion Ratio Lower Upper
 75 100
 110 37.2 17.0 50.9
 77 31.5 24.2 36.4

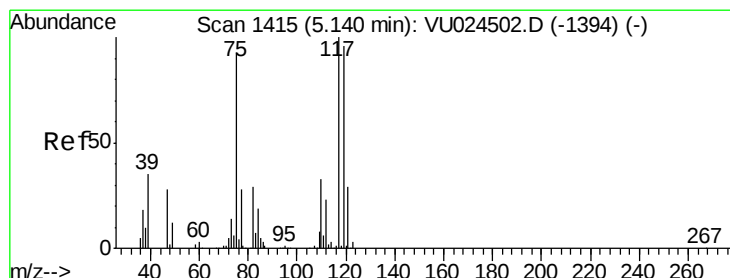
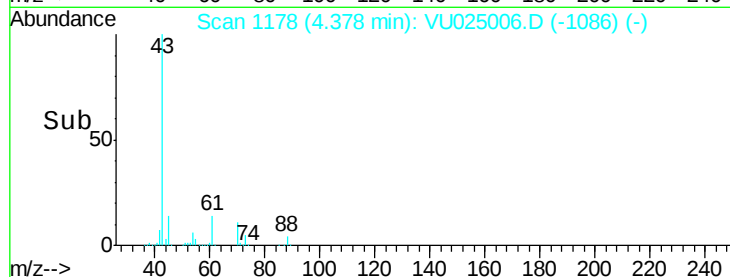
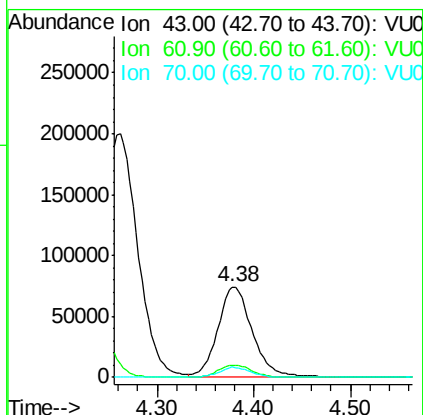
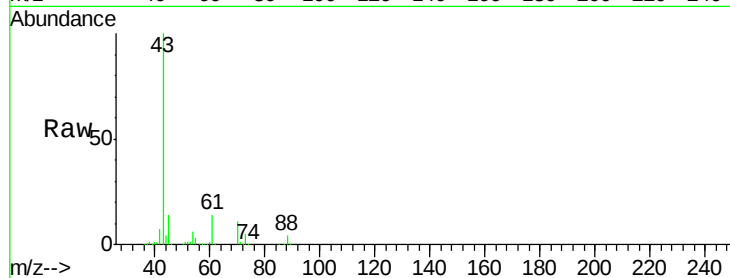




#37
Ethyl Acetate
Concen: 52.577 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

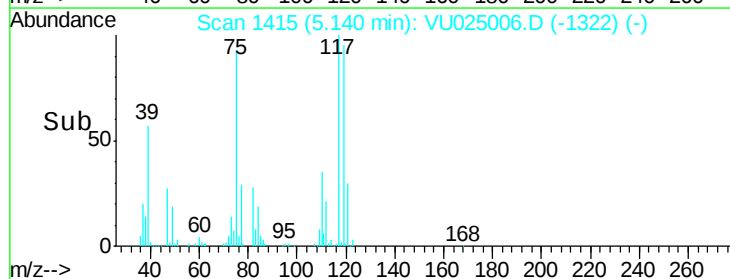
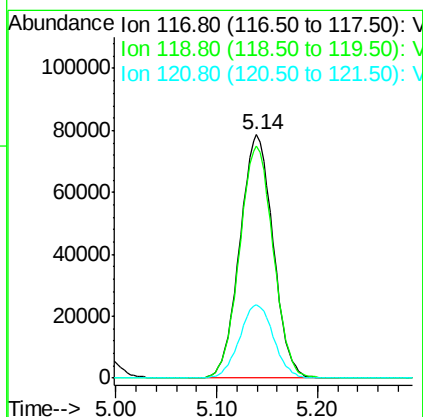
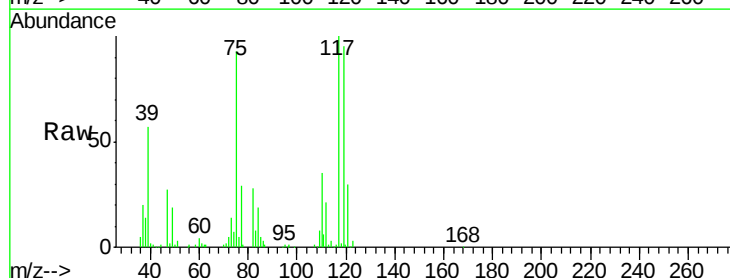
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

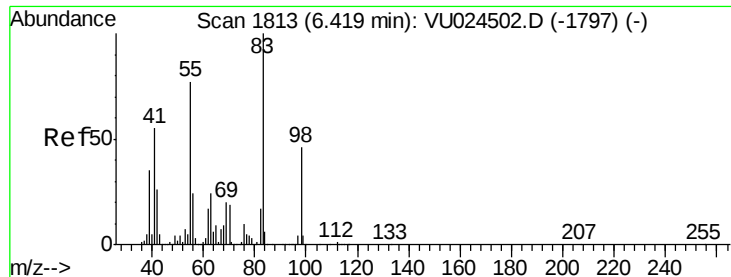
Tgt Ion: 43 Resp: 181241
Ion Ratio Lower Upper
43 100
61 13.8 10.5 15.7
70 10.8 7.4 11.2



#38
Carbon Tetrachloride
Concen: 51.542 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

Tgt Ion: 117 Resp: 179259
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 30.1 23.7 35.5

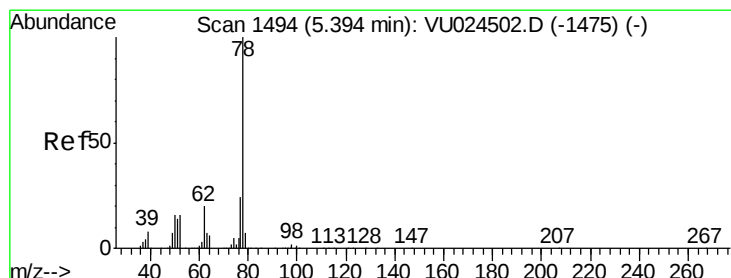
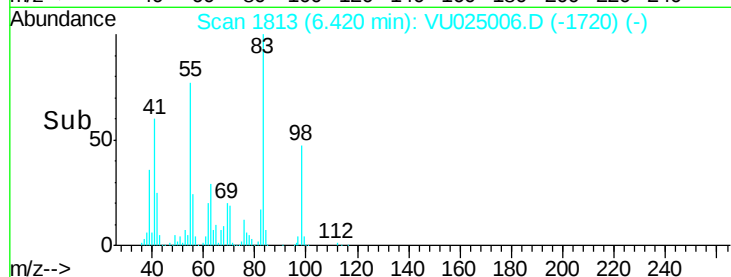
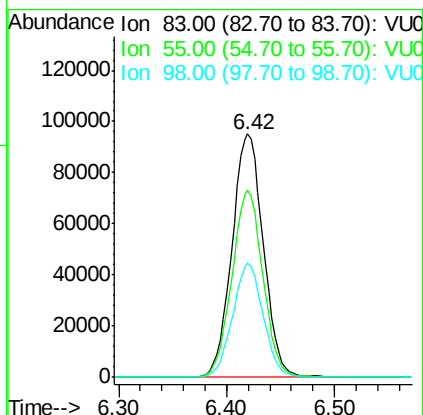
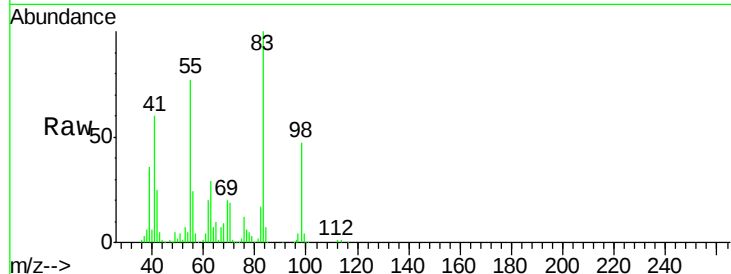




#39
Methylcyclohexane
Concen: 48.864 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

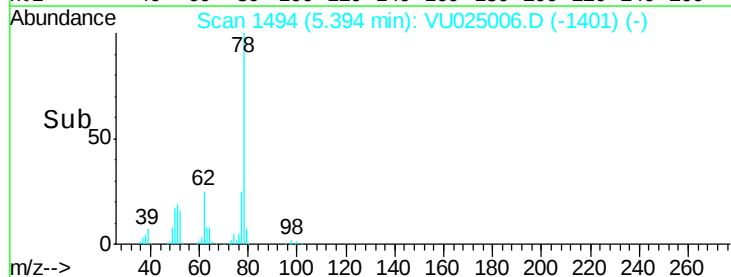
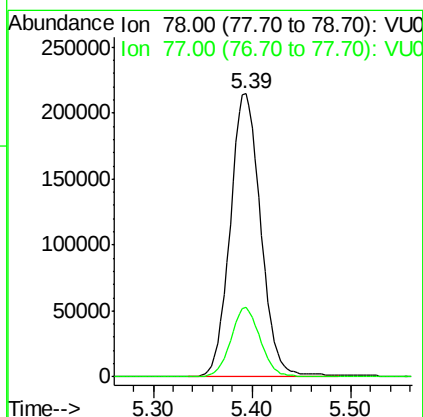
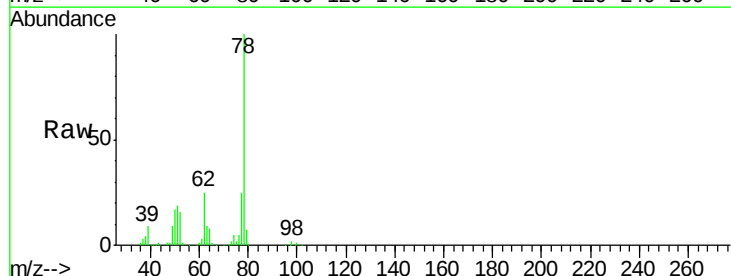
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

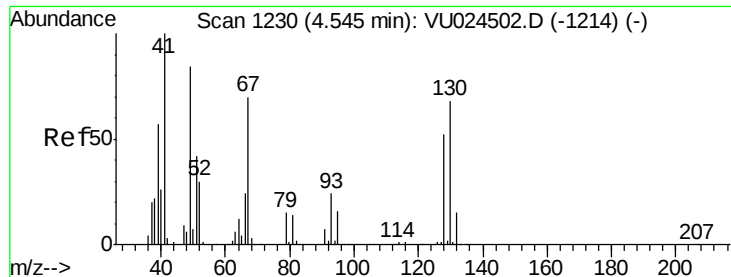
Tgt Ion: 83 Resp: 192858
Ion Ratio Lower Upper
83 100
55 76.9 65.8 98.6
98 47.0 36.7 55.1



#40
Benzene
Concen: 51.531 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

Tgt Ion: 78 Resp: 464398
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8





#41

Methacrylonitrile

Concen: 54.833 ug/l

RT: 4.54 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 101912

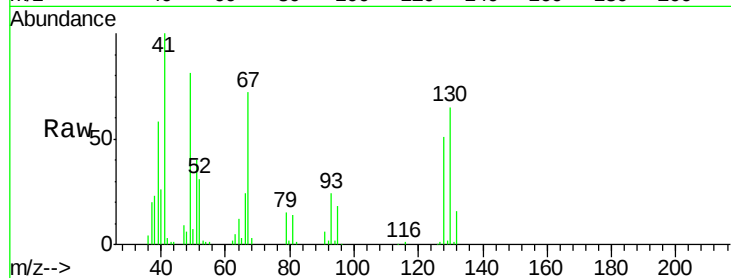
Ion Ratio Lower Upper

41 100

39 57.8 43.8 65.6

67 70.7 56.3 84.5

52 29.7 23.2 34.8

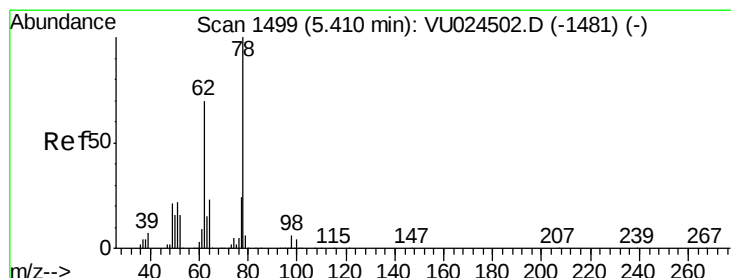
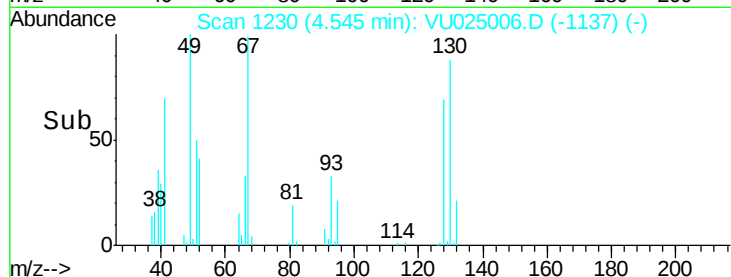
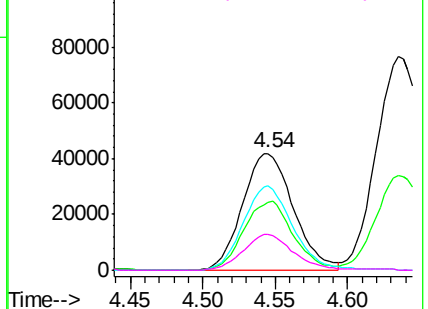


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 56.315 ug/l

RT: 5.41 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VU025006.D

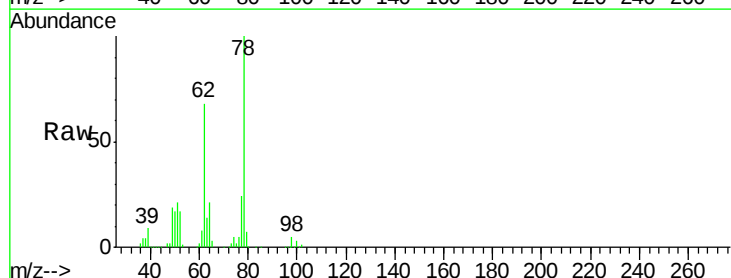
Acq: 28 Jun 2018 07:48

Tgt Ion: 62 Resp: 193295

Ion Ratio Lower Upper

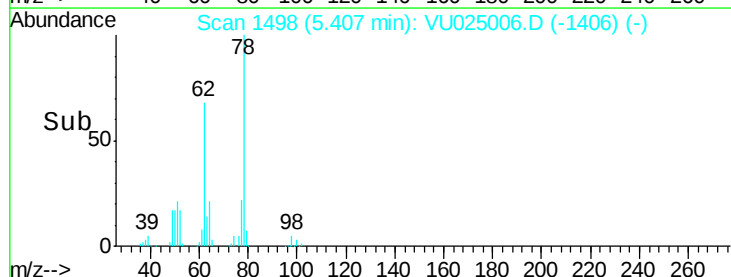
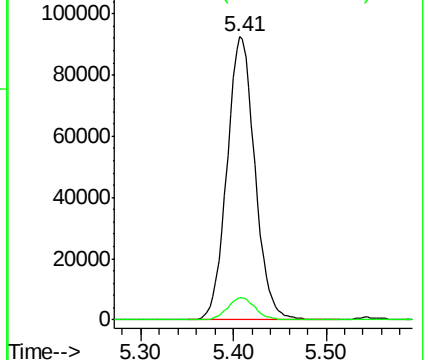
62 100

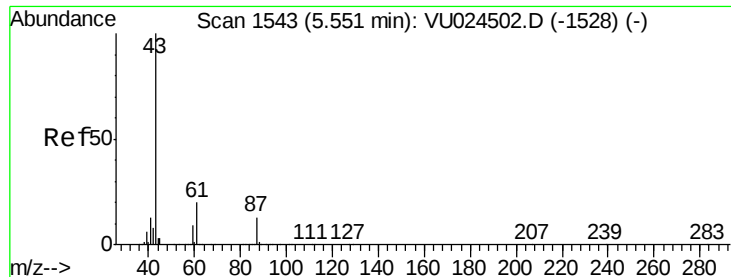
98 7.8 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 48.640 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

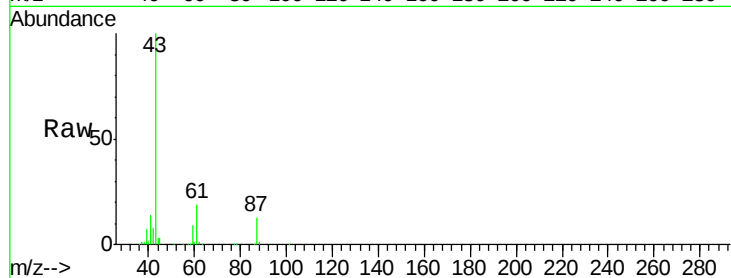
Tgt Ion: 43 Resp: 289823

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.0

87 13.4 10.0 15.0

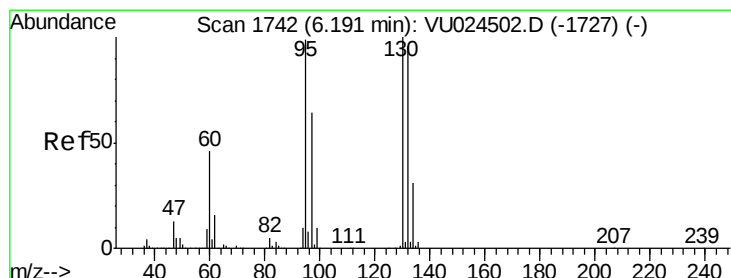
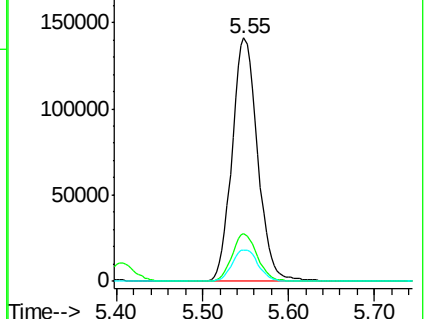
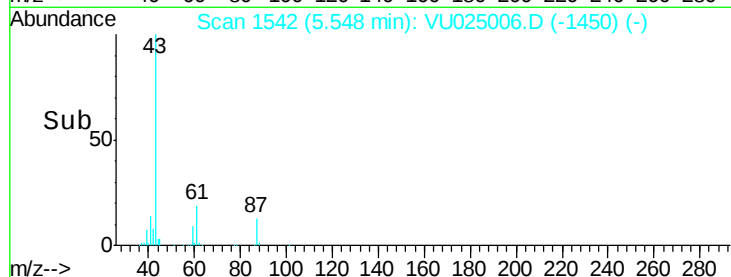


Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-1528) (-)

Ion 61.00 (60.70 to 61.70): VU024502.D (-1528) (-)

Ion 87.00 (86.70 to 87.70): VU024502.D (-1528) (-)

Time-->



#44

Trichloroethene

Concen: 49.362 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025006.D

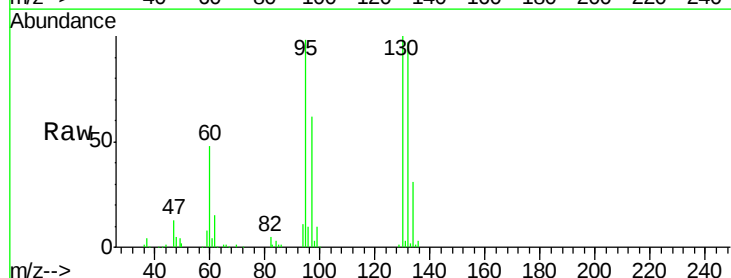
Acq: 28 Jun 2018 07:48

Tgt Ion: 130 Resp: 126604

Ion Ratio Lower Upper

130 100

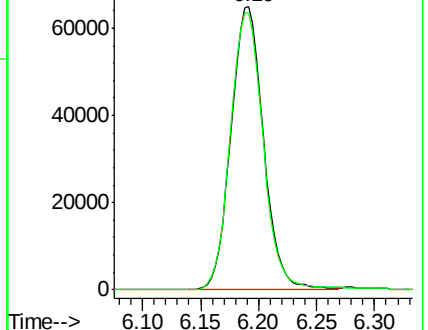
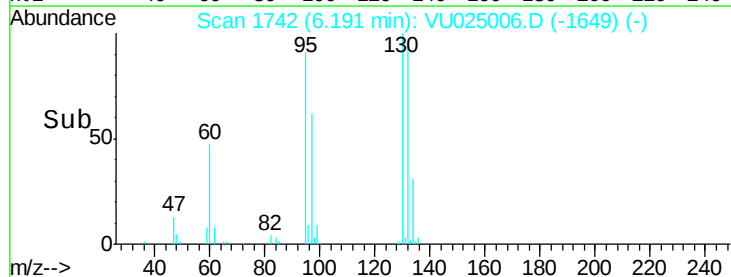
95 97.7 0.0 202.4

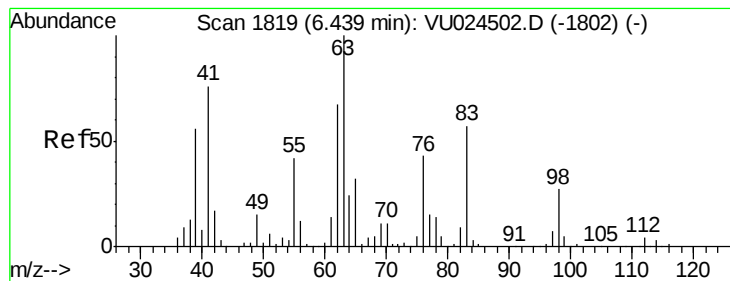


Abundance Ion 129.80 (129.50 to 130.50): VU024502.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU024502.D (-1727) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 51.546 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

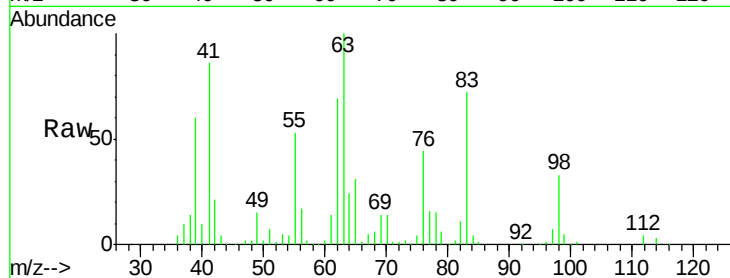
VSTDCCC050EC

Tgt Ion: 63 Resp: 123948

Ion Ratio Lower Upper

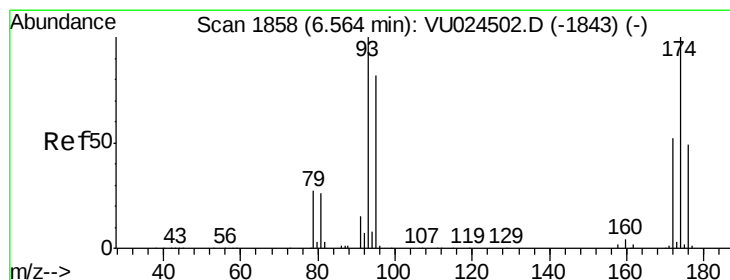
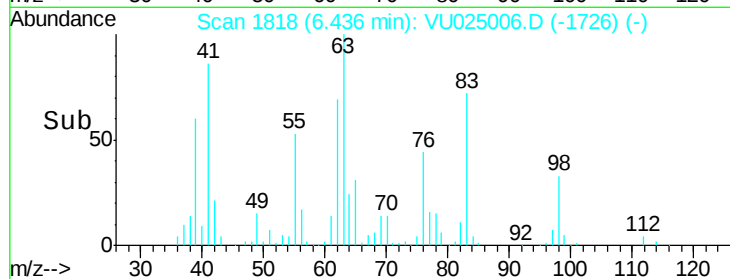
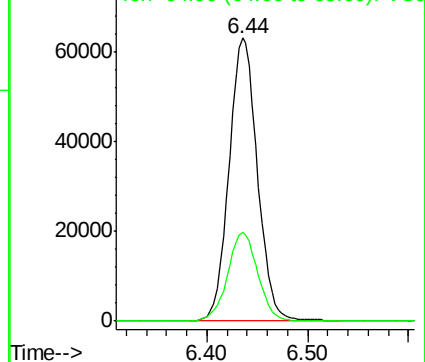
63 100

65 31.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 52.939 ug/l

RT: 6.56 min Scan# 1857

Delta R.T. -0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

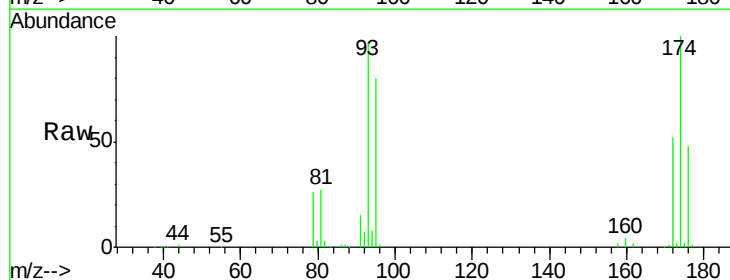
Tgt Ion: 93 Resp: 89416

Ion Ratio Lower Upper

93 100

95 82.9 65.5 98.3

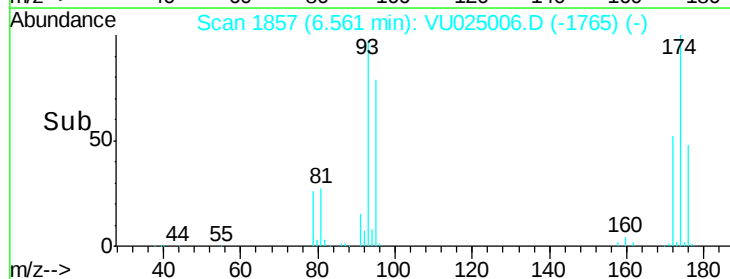
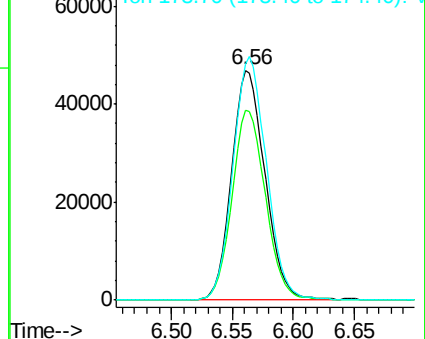
174 105.9 78.7 118.1

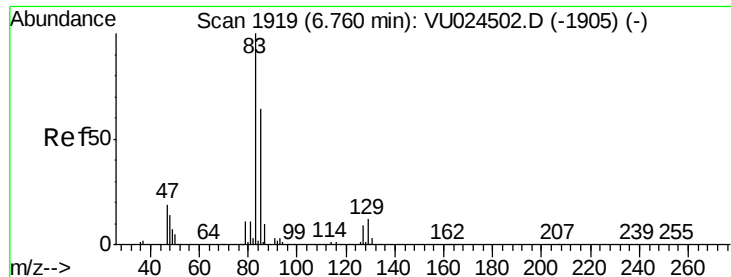


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.852 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

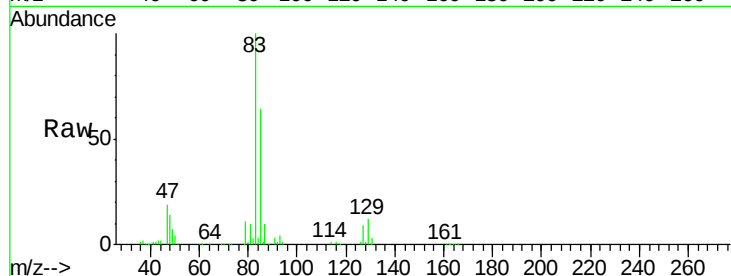
Tgt Ion: 83 Resp: 171033

Ion Ratio Lower Upper

83 100

85 63.7 51.9 77.9

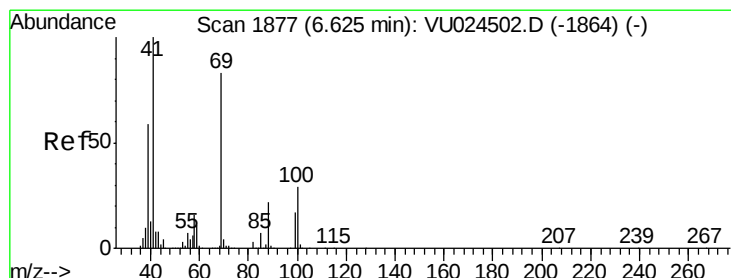
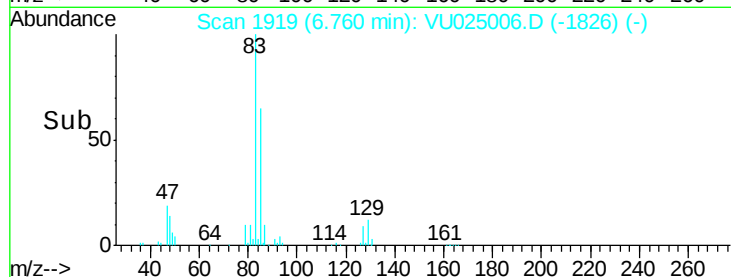
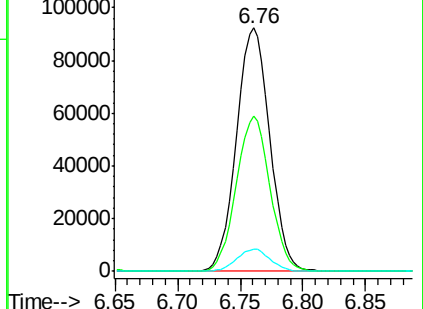
127 9.2 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU025006.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU025006.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU025006.D (-1826) (-)



#48

Methyl methacrylate

Concen: 52.600 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

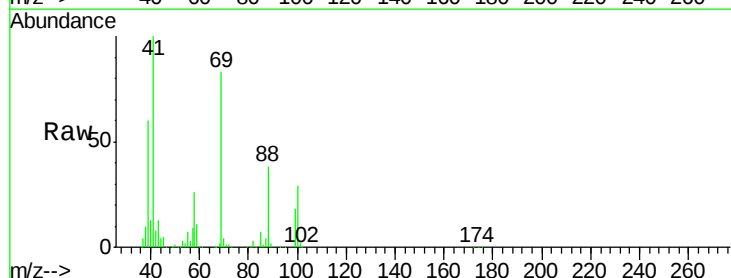
Tgt Ion: 41 Resp: 152617

Ion Ratio Lower Upper

41 100

69 81.4 67.3 100.9

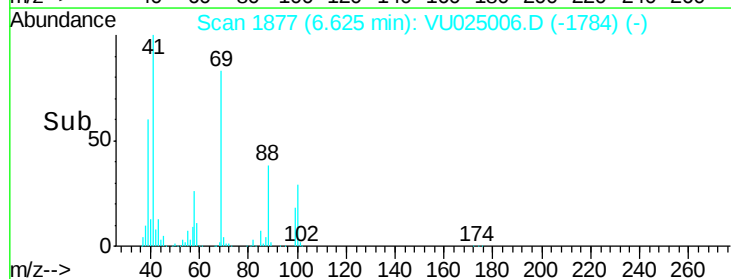
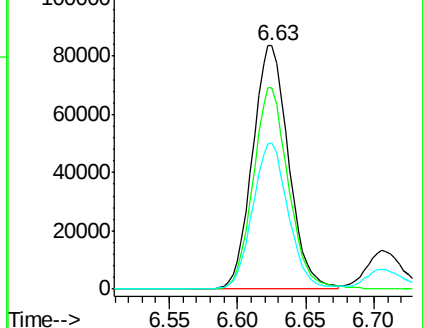
39 59.2 46.5 69.7

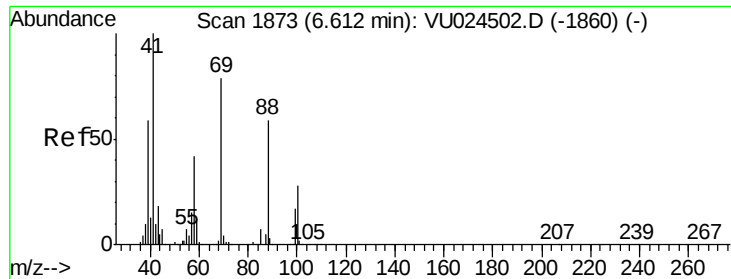


Abundance Ion 41.00 (40.70 to 41.70): VU025006.D (-1784) (-)

Ion 69.00 (68.70 to 69.70): VU025006.D (-1784) (-)

Ion 39.00 (38.70 to 39.70): VU025006.D (-1784) (-)





#49

1,4-Dioxane

Concen: 1255.002 ug/l

RT: 6.62 min Scan# 1875

Delta R.T. 0.01 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

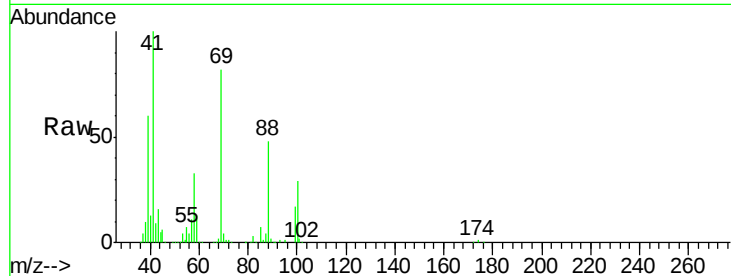
Tgt Ion: 88 Resp: 71211

Ion Ratio Lower Upper

88 100

43 34.4 28.6 42.8

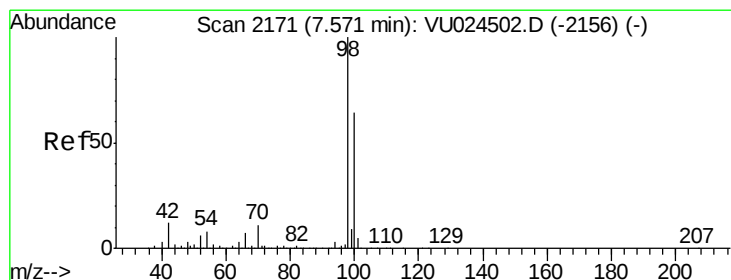
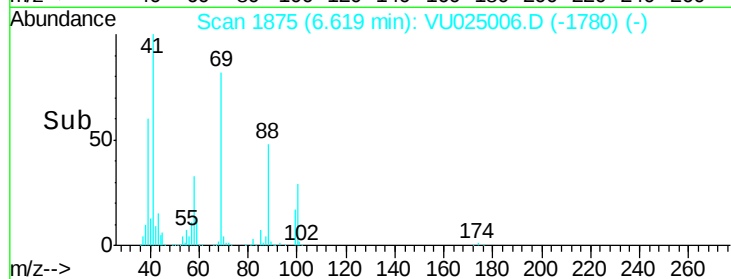
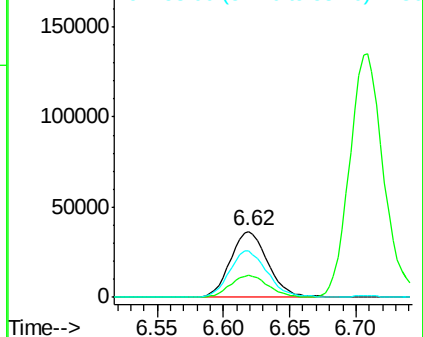
58 71.7 58.2 87.4



Abundance Ion 88.00 (87.70 to 88.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#50

Toluene-d8

Concen: 46.111 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025006.D

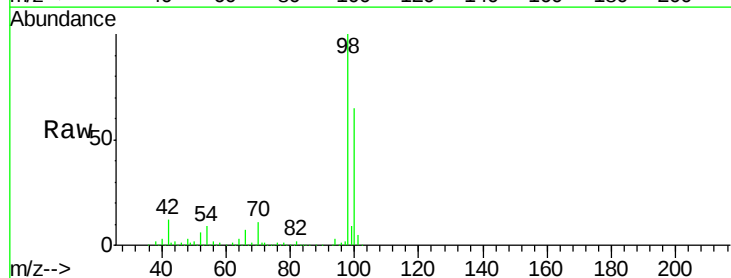
Acq: 28 Jun 2018 07:48

Tgt Ion: 98 Resp: 375702

Ion Ratio Lower Upper

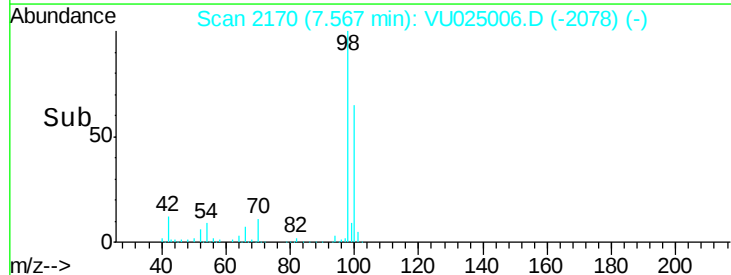
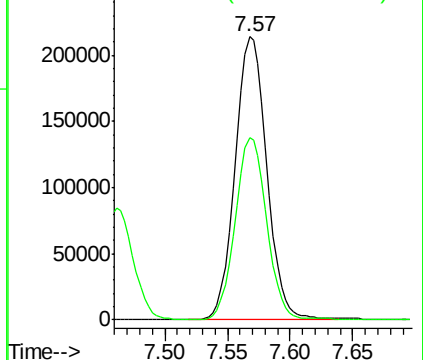
98 100

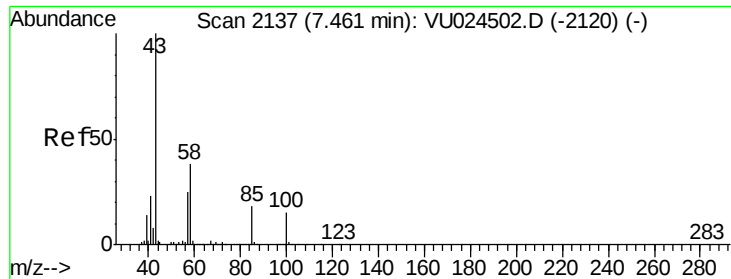
100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

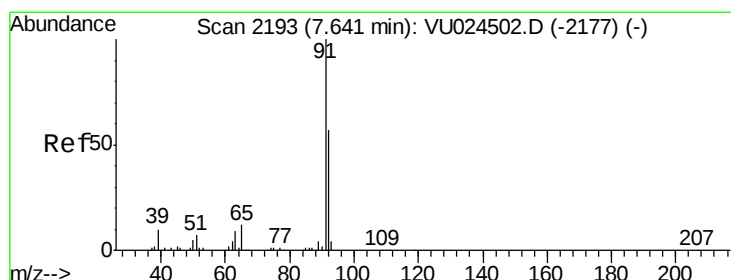
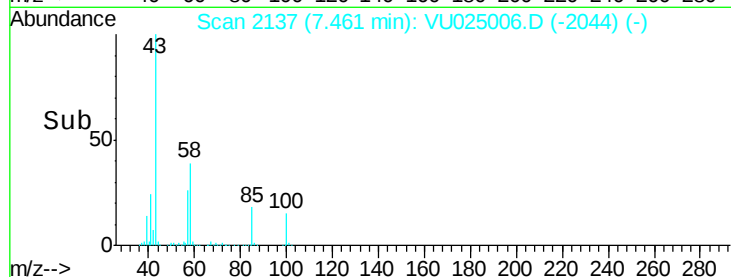
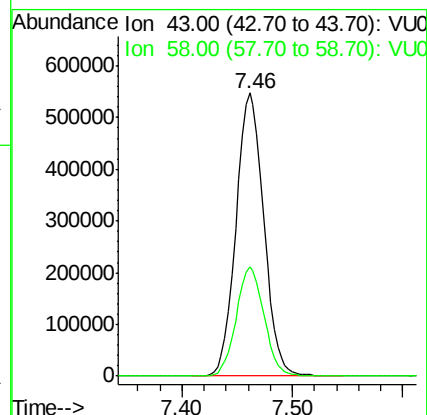
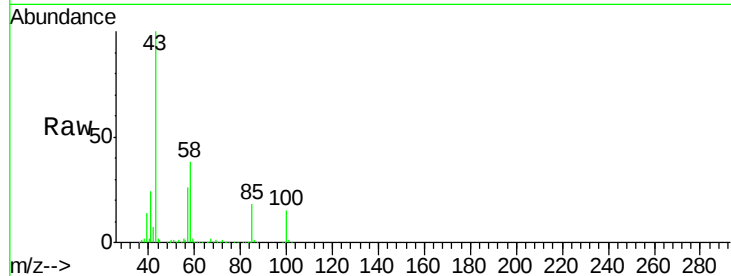




#51
 4-Methyl-2-Pentanone
 Concen: 254.884 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

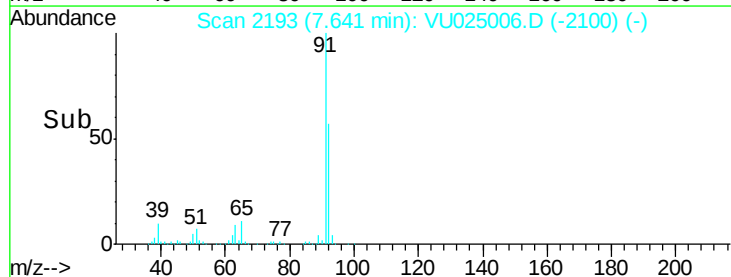
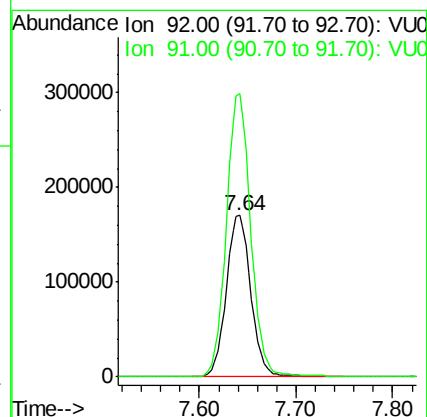
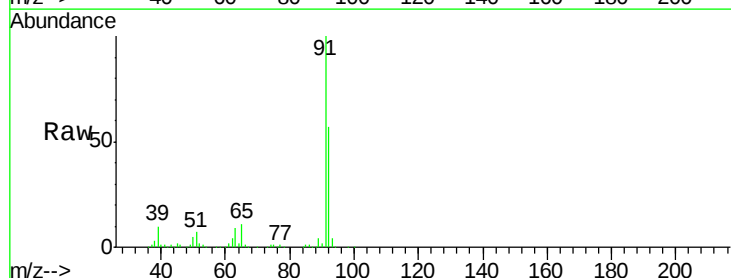
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

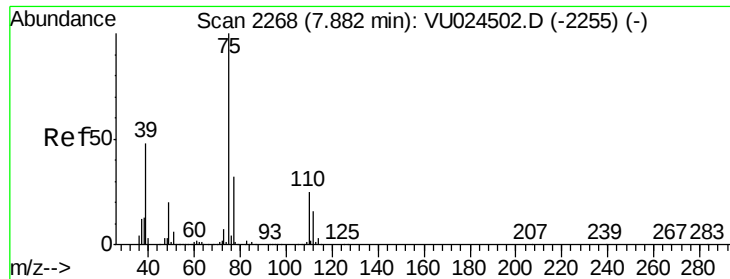
Tgt Ion: 43 Resp: 954152
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.0 45.0



#52
 Toluene
 Concen: 51.960 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Tgt Ion: 92 Resp: 301263
 Ion Ratio Lower Upper
 92 100
 91 173.7 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 46.382 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

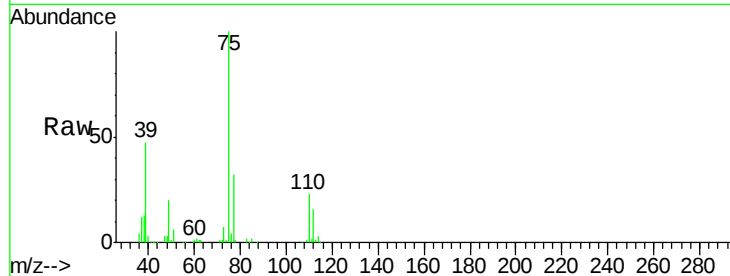
VSTDCCC050EC

Tgt Ion: 75 Resp: 175188

Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.88

120000

100000

80000

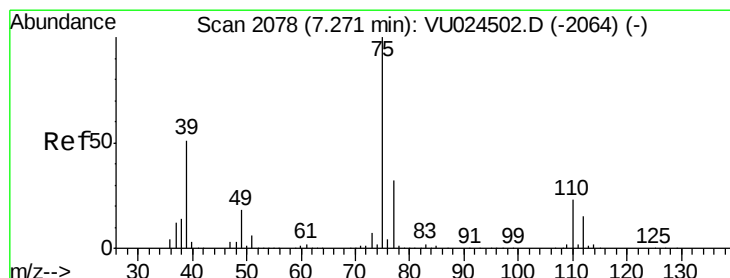
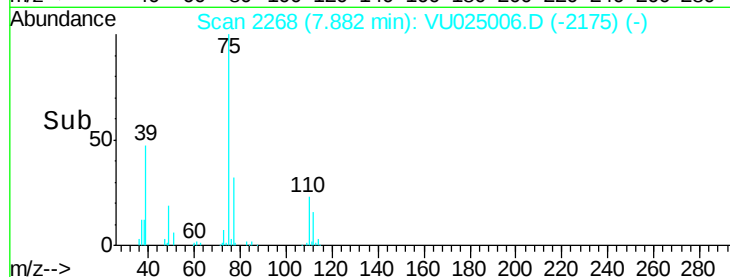
60000

40000

20000

0

Time--> 7.80 7.85 7.90 7.95 8.00



#54

cis-1,3-Dichloropropene

Concen: 46.230 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

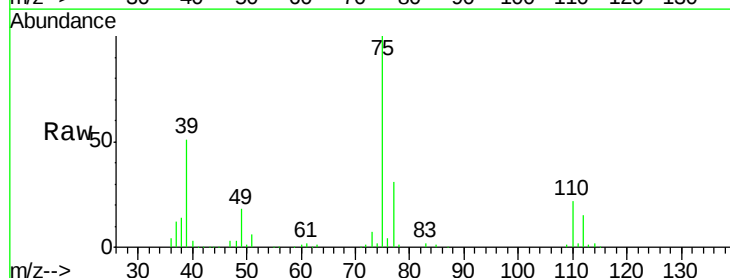
Tgt Ion: 75 Resp: 186060

Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8

39 50.9 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

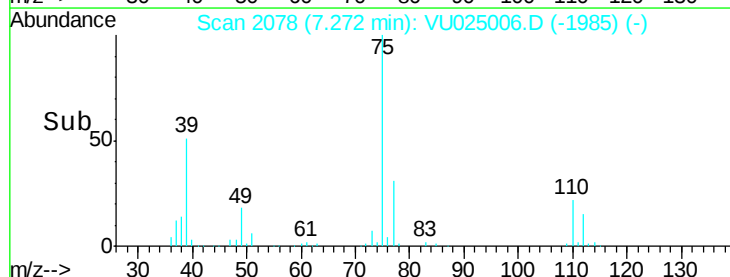
150000

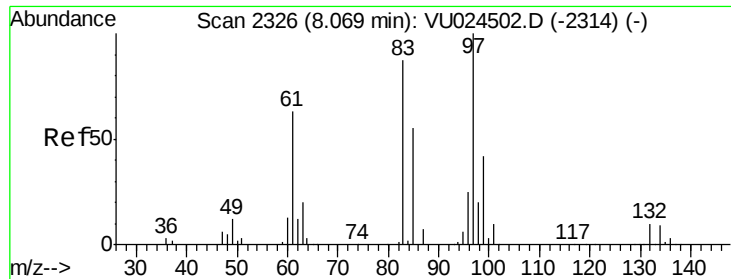
100000

50000

0

Time--> 7.20 7.25 7.30 7.35

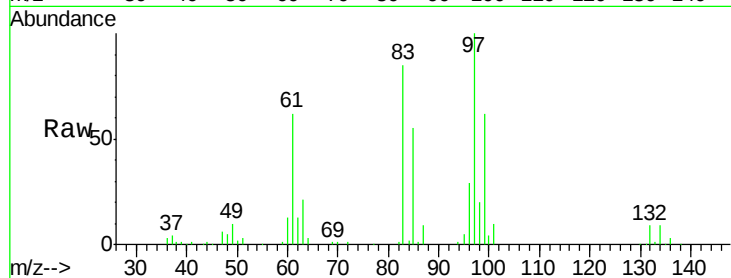




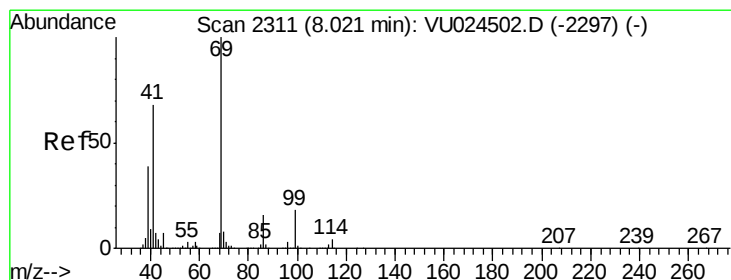
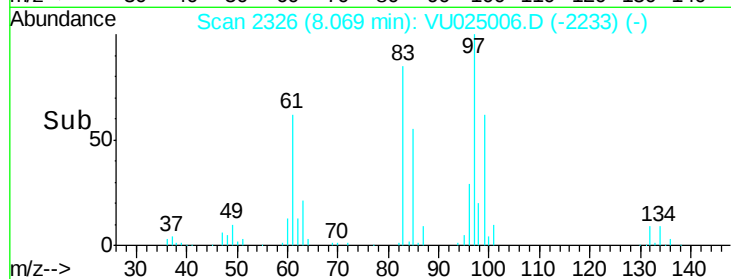
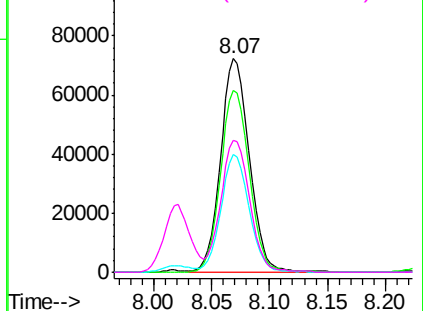
#55
 1,1,2-Trichloroethane
 Concen: 52.657 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	124103
Ion	Ratio	Lower	Upper
97	100		
83	85.3	70.5	105.7
85	54.9	46.4	69.6
99	62.0	50.2	75.2

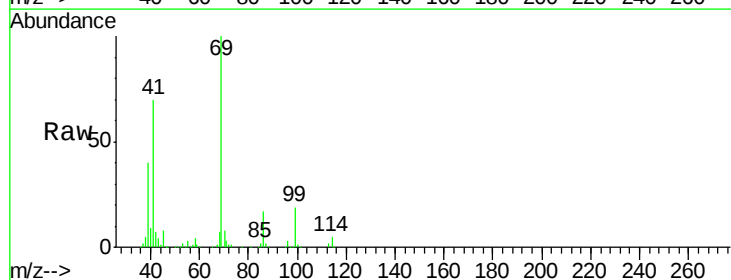


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

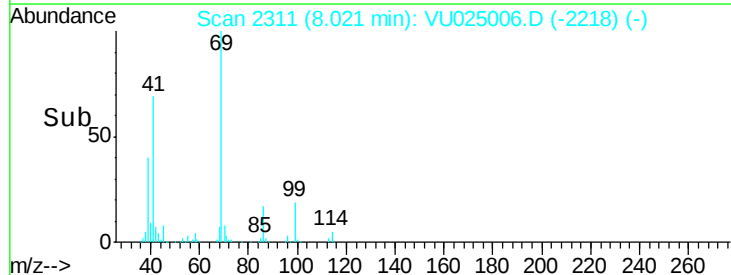
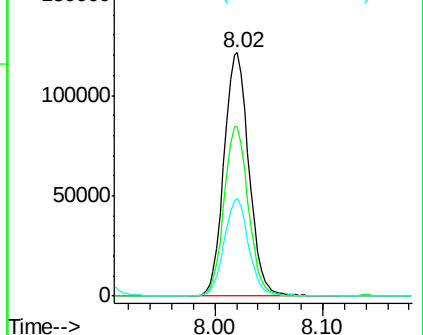


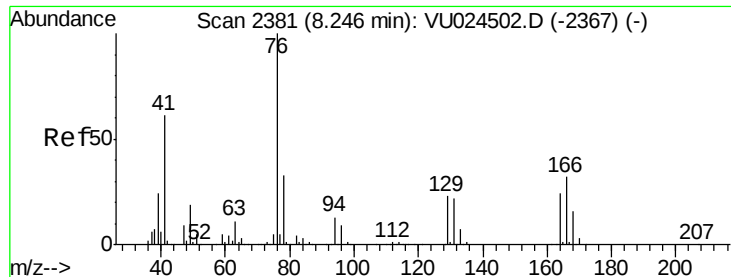
#56
 Ethyl methacrylate
 Concen: 49.551 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Tgt Ion:	69	Resp:	195463
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.1	81.1
39	38.7	30.3	45.5



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 53.114 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

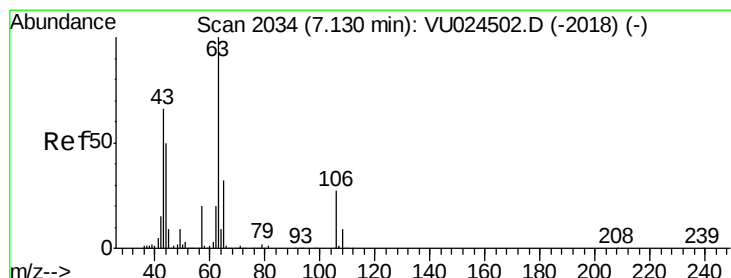
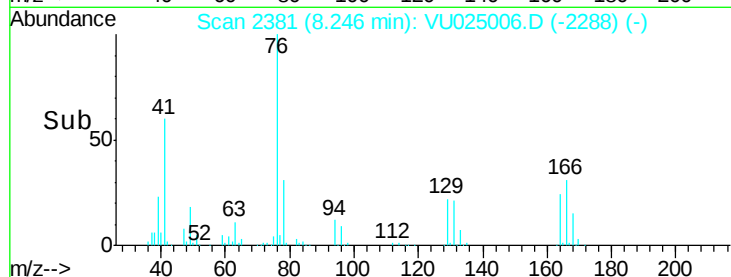
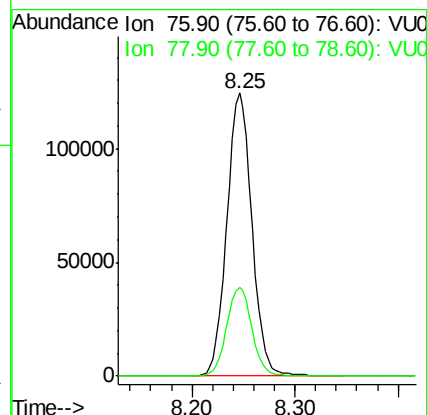
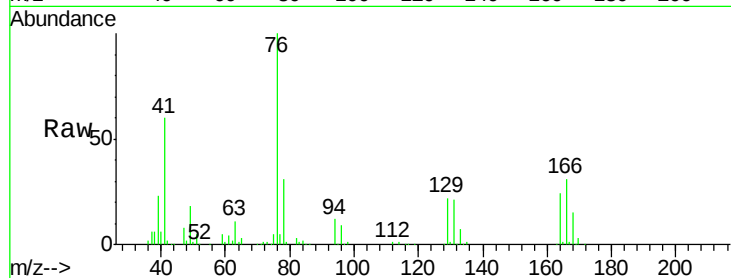
VSTDCCC050EC

Tgt Ion: 76 Resp: 211171

Ion Ratio Lower Upper

76 100

78 31.6 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 67.428 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU025006.D

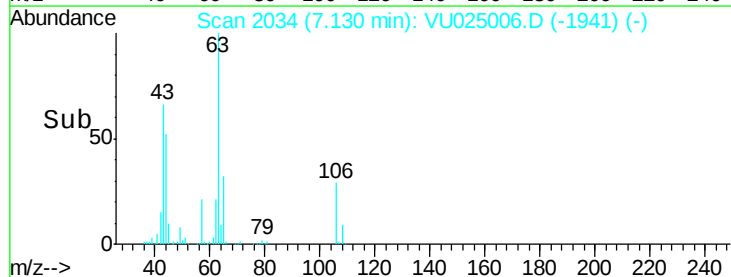
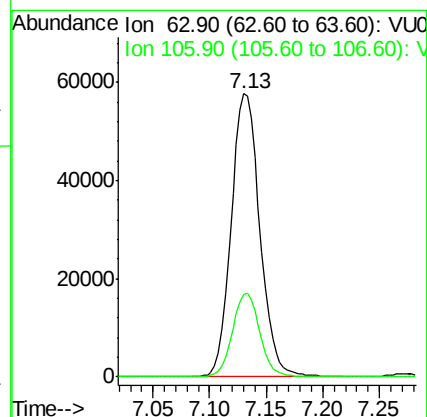
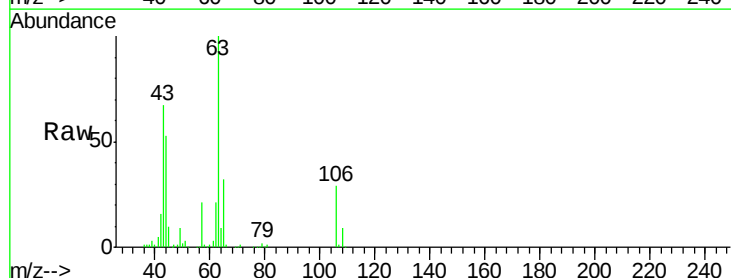
Acq: 28 Jun 2018 07:48

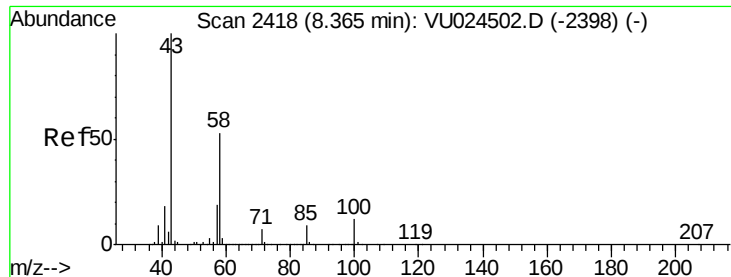
Tgt Ion: 63 Resp: 101901

Ion Ratio Lower Upper

63 100

106 27.9 20.2 30.2

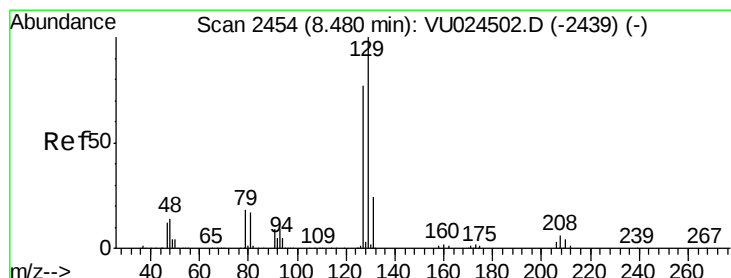
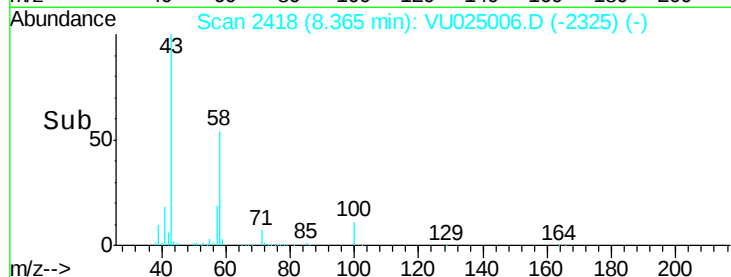
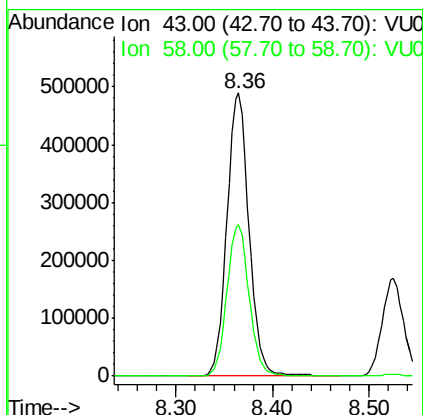
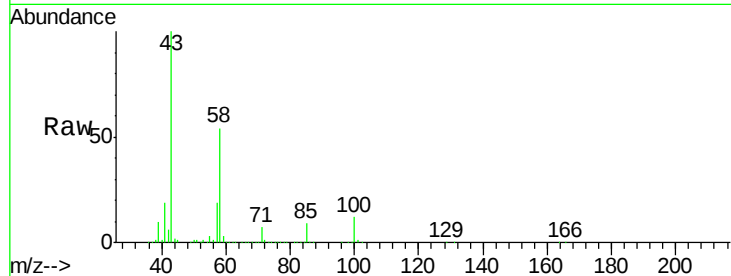




#59
2-Hexanone
Concen: 253.257 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

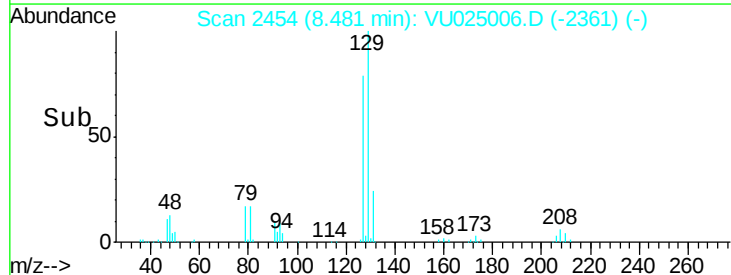
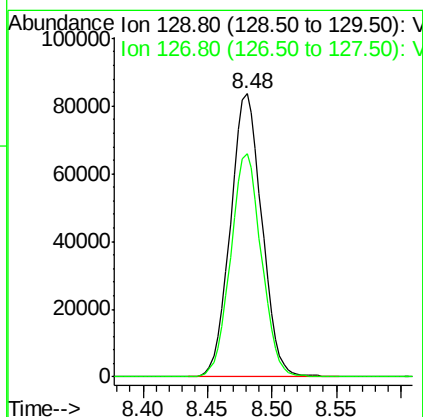
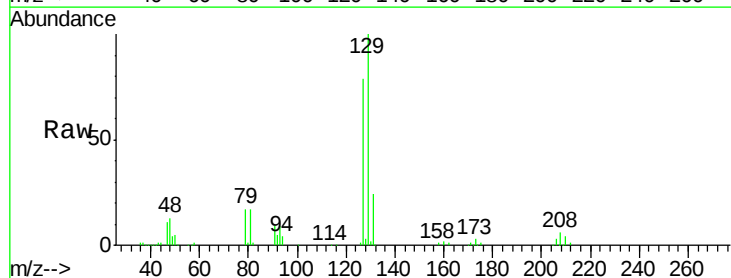
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

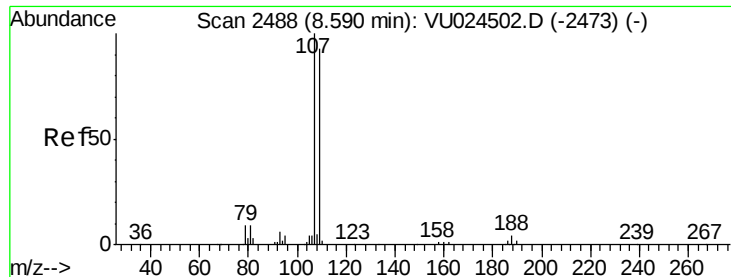
Tgt Ion: 43 Resp: 774002
Ion Ratio Lower Upper
43 100
58 54.0 26.4 79.0



#60
Dibromochloromethane
Concen: 48.163 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

Tgt Ion: 129 Resp: 141551
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

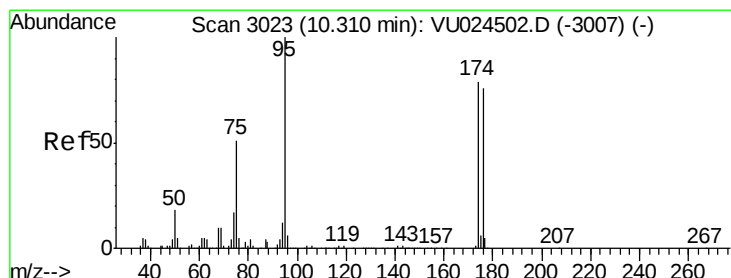
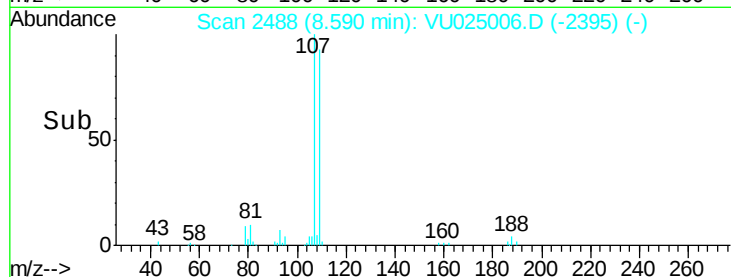
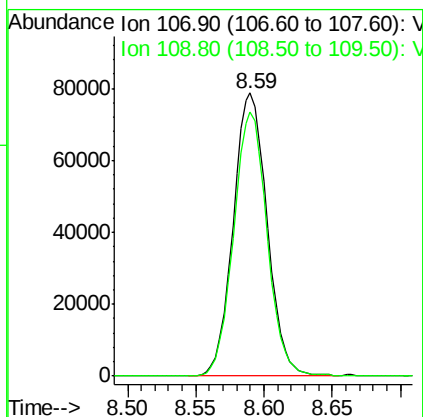
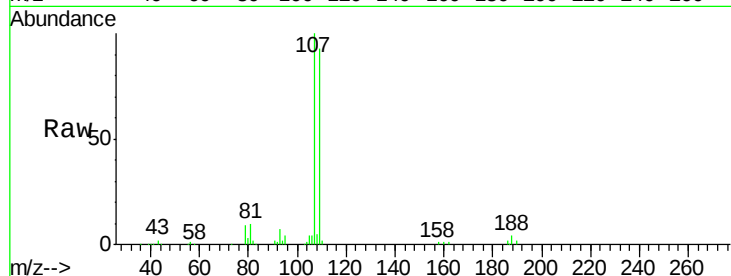




#61
 1,2-Dibromoethane
 Concen: 51.790 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

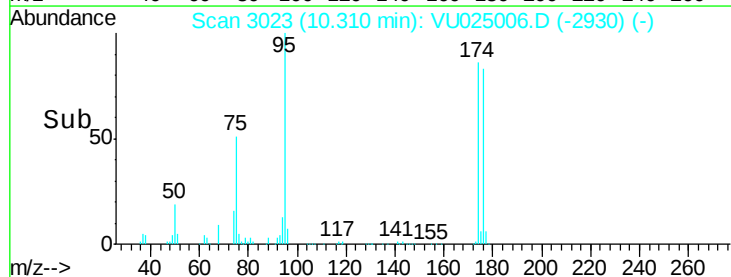
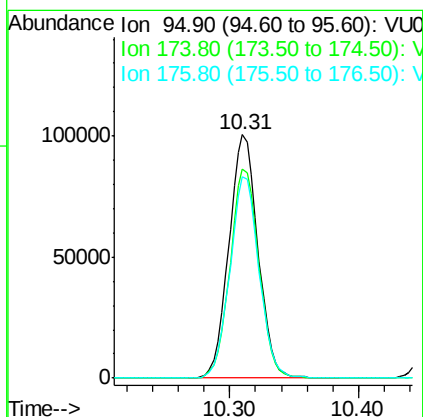
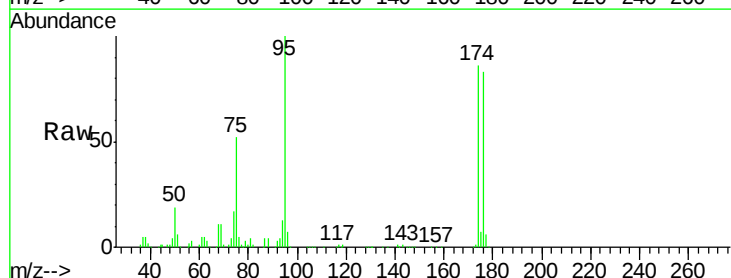
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

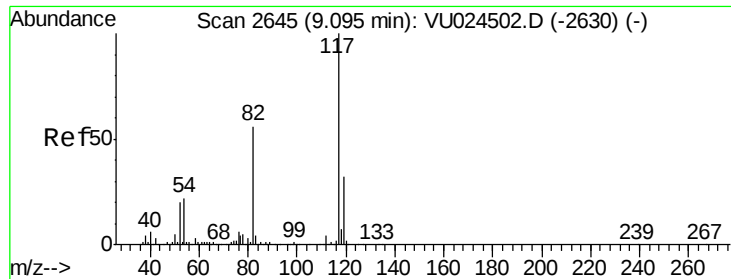
Tgt Ion: 107 Resp: 135857
 Ion Ratio Lower Upper
 107 100
 109 92.4 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 48.513 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Tgt Ion: 95 Resp: 156940
 Ion Ratio Lower Upper
 95 100
 174 85.5 0.0 165.8
 176 82.9 0.0 159.4

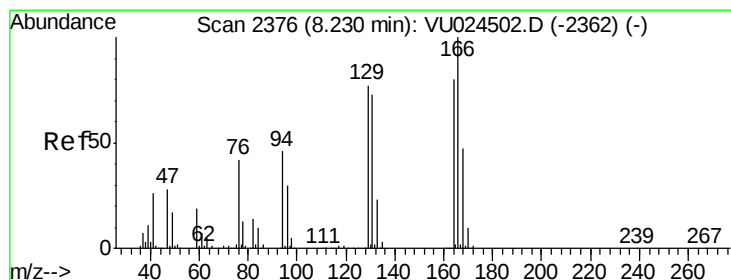
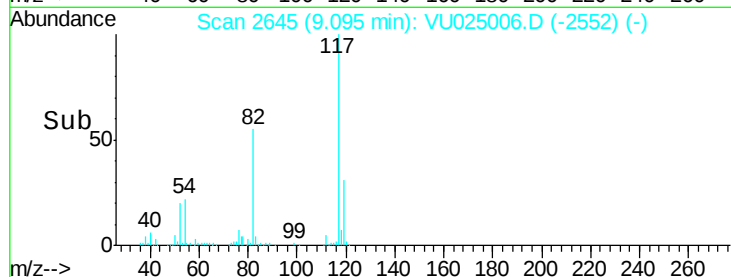
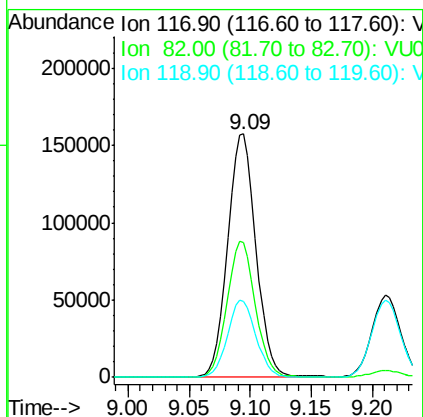
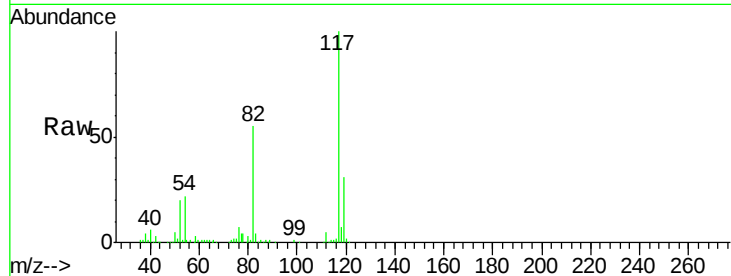




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

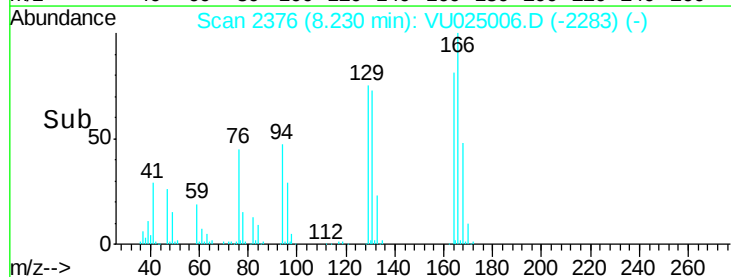
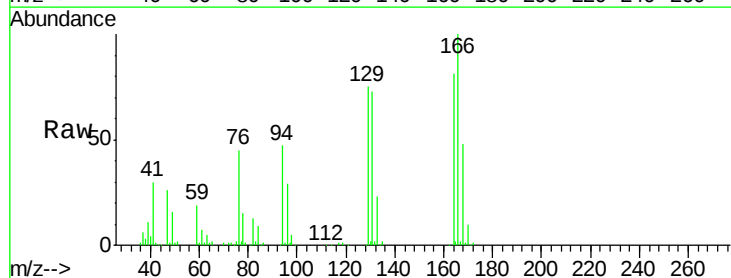
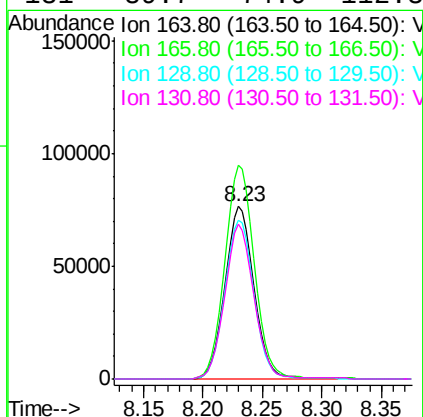
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

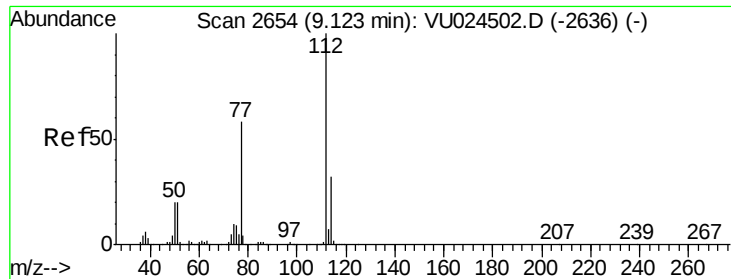
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.3	66.5
119	31.1	25.4	38.2



#64
Tetrachloroethene
Concen: 53.052 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.6	101.7	152.5
129	92.2	76.9	115.3
131	89.7	74.9	112.3

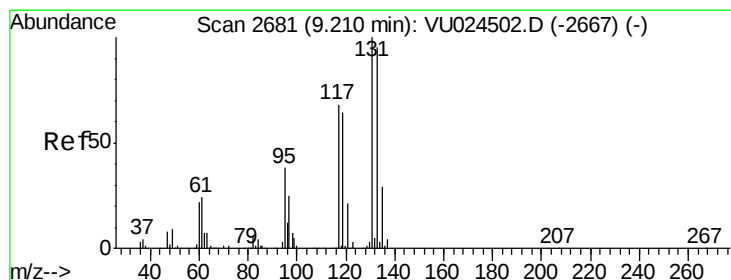
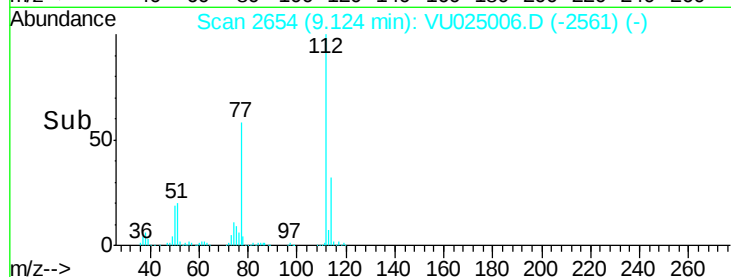
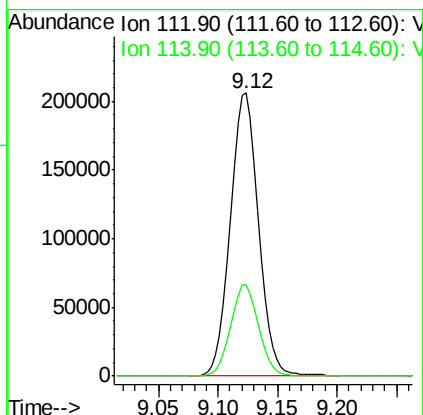
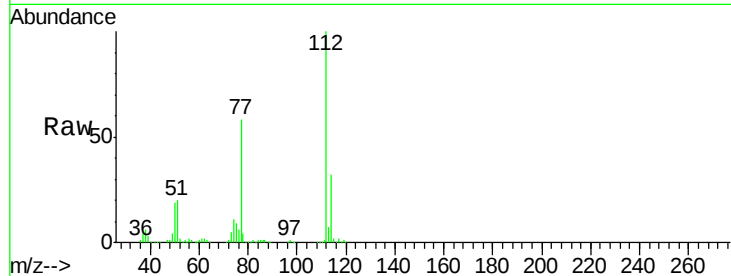




#65
Chlorobenzene
Concen: 51.881 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

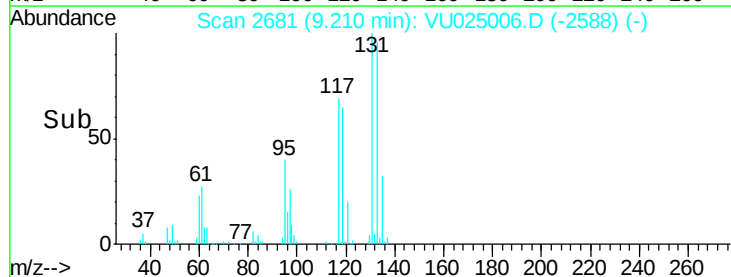
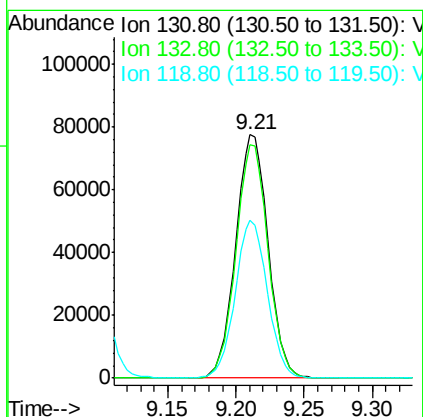
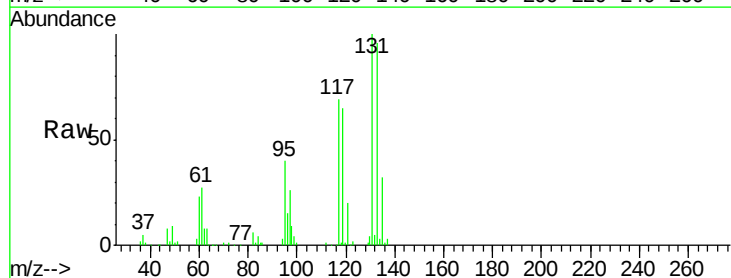
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

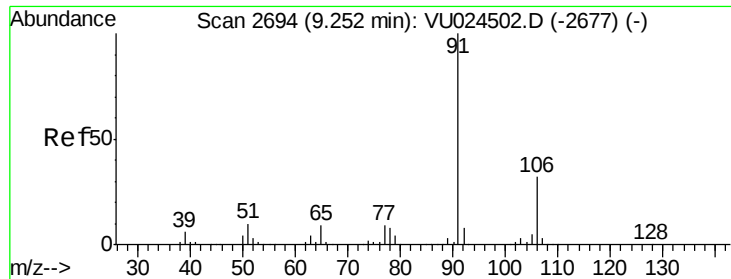
Tgt Ion:112 Resp: 339773
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.443 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

Tgt Ion:131 Resp: 127997
Ion Ratio Lower Upper
131 100
133 94.9 46.9 140.8
119 63.8 33.5 100.4

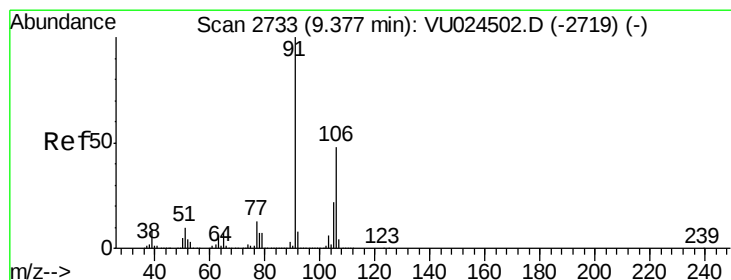
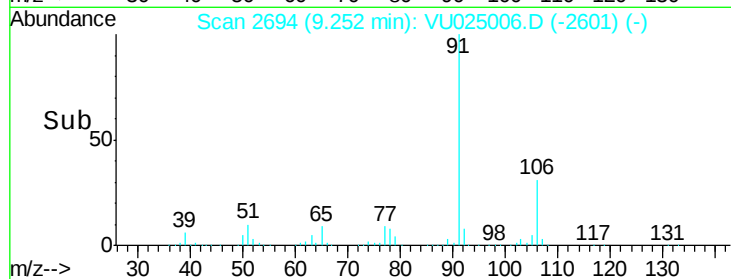
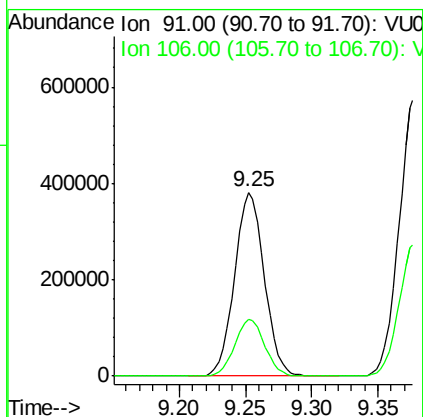
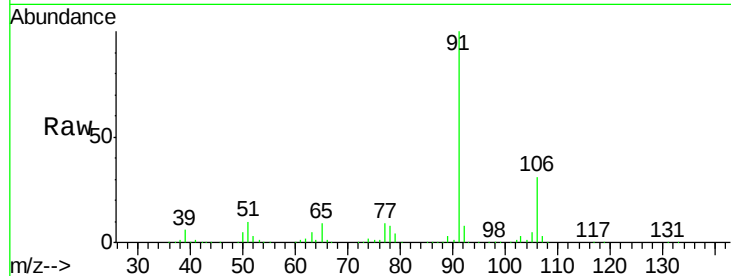




#67
Ethyl Benzene
Concen: 51.760 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

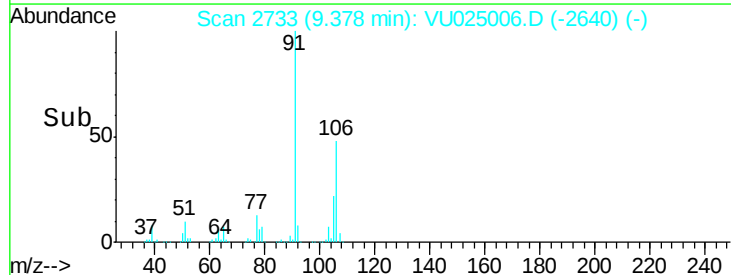
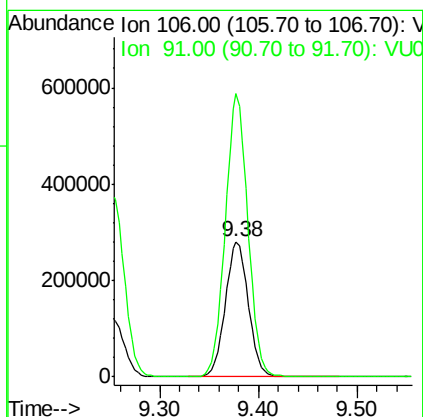
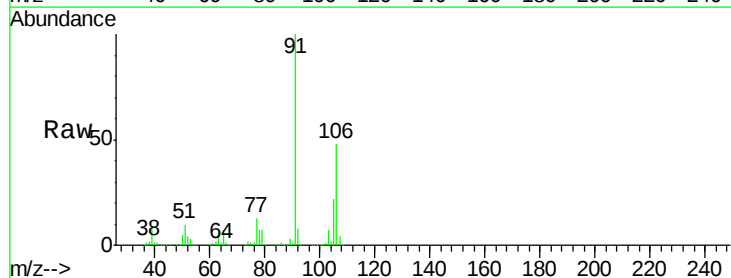
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

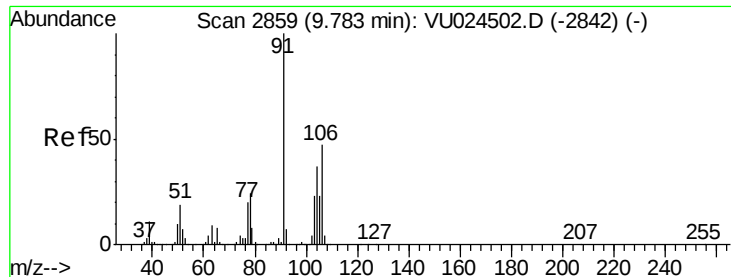
Tgt Ion: 91 Resp: 594256
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.4



#68
m/p-Xylenes
Concen: 104.037 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

Tgt Ion: 106 Resp: 458668
Ion Ratio Lower Upper
106 100
91 205.9 166.5 249.7

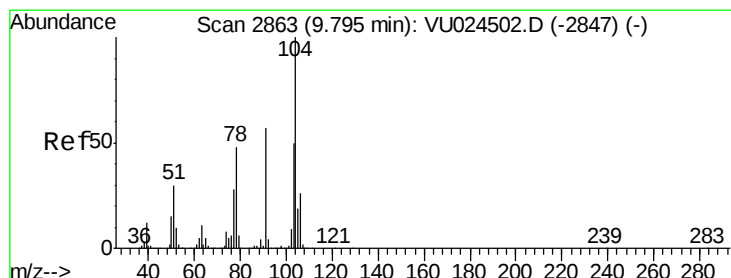
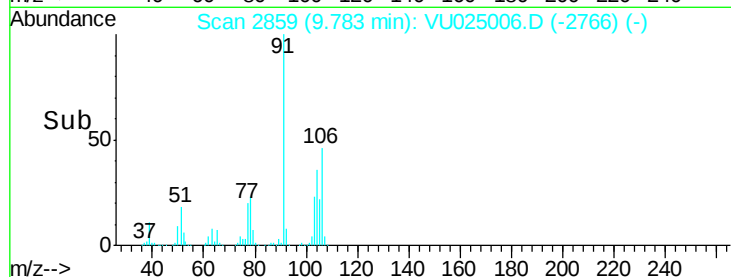
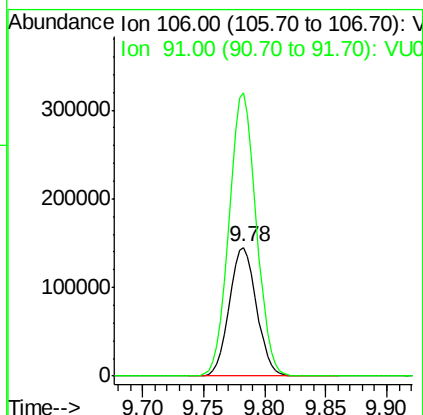
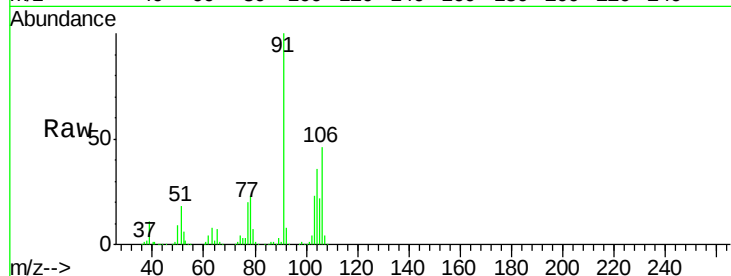




#69
o-Xylene
Concen: 52.098 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

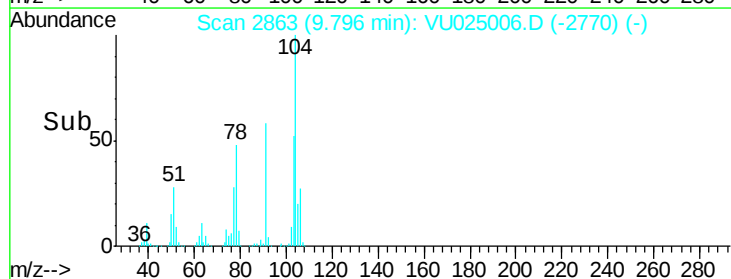
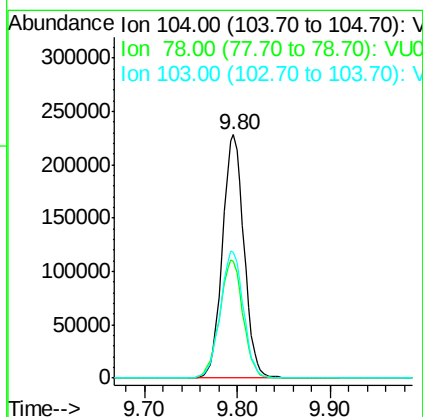
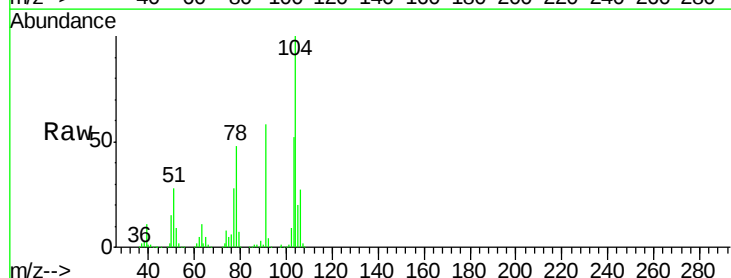
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

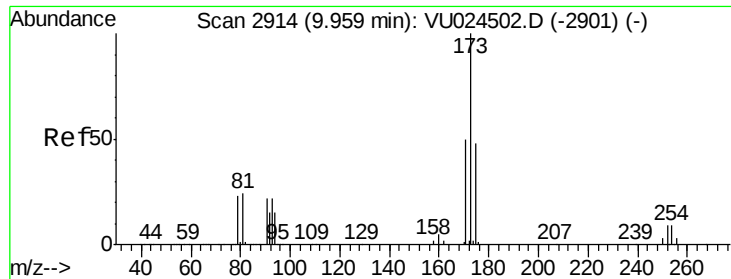
Tgt Ion:106 Resp: 227312
Ion Ratio Lower Upper
106 100
91 218.8 110.7 331.9



#70
Styrene
Concen: 51.236 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

Tgt Ion:104 Resp: 367368
Ion Ratio Lower Upper
104 100
78 52.7 40.6 60.8
103 56.1 44.7 67.1





#71

Bromoform

Concen: 47.221 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

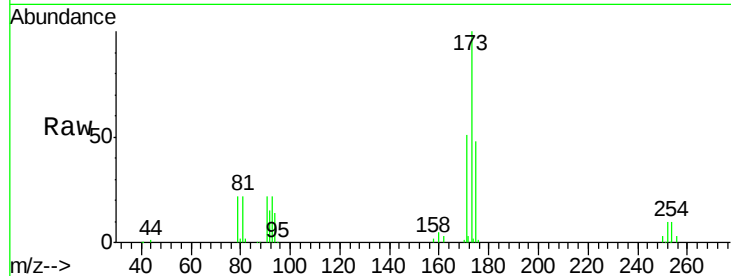
Tgt Ion:173 Resp: 111676

Ion Ratio Lower Upper

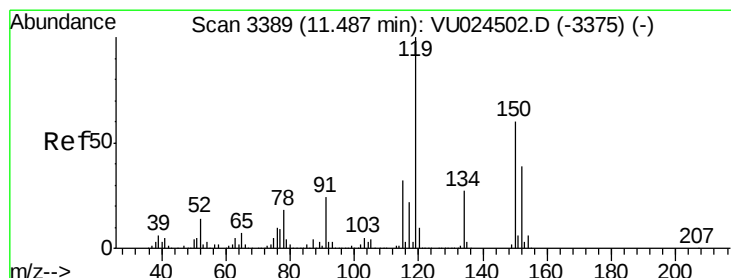
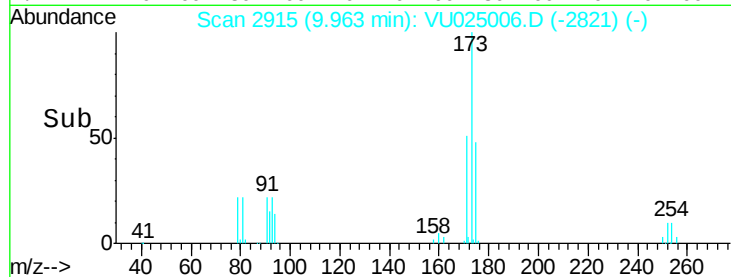
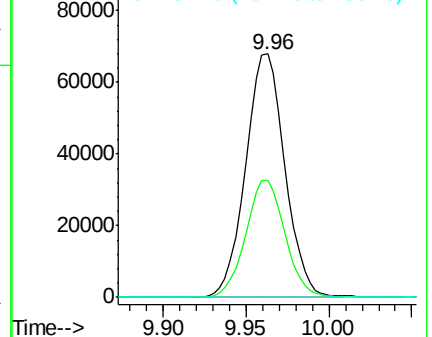
173 100

175 48.2 24.6 74.0

254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

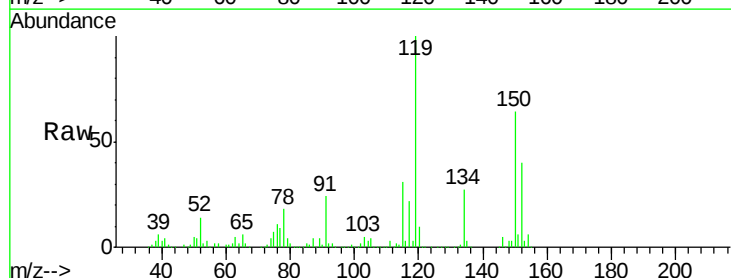
Tgt Ion:152 Resp: 161094

Ion Ratio Lower Upper

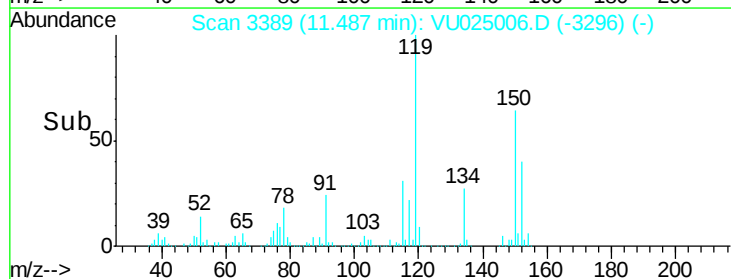
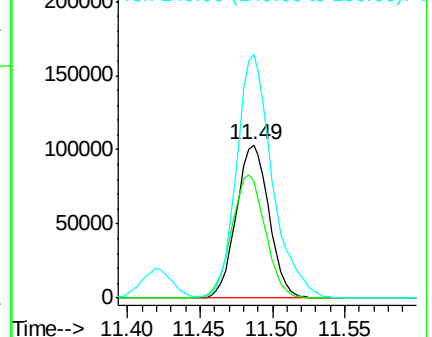
152 100

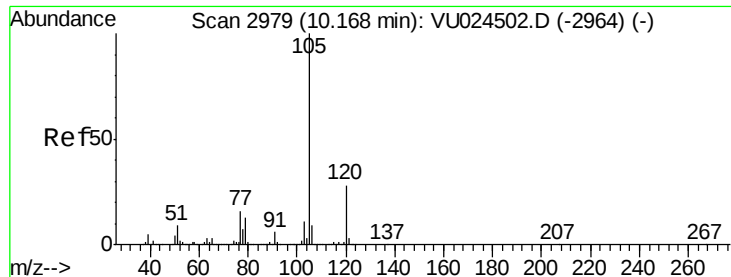
115 82.9 43.0 129.0

150 174.4 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.165 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

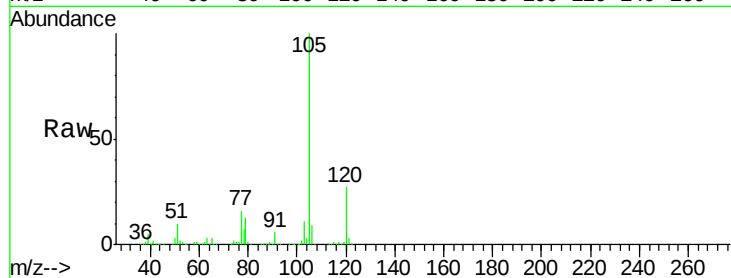
VSTDCCC050EC

Tgt Ion: 105 Resp: 620445

Ion Ratio Lower Upper

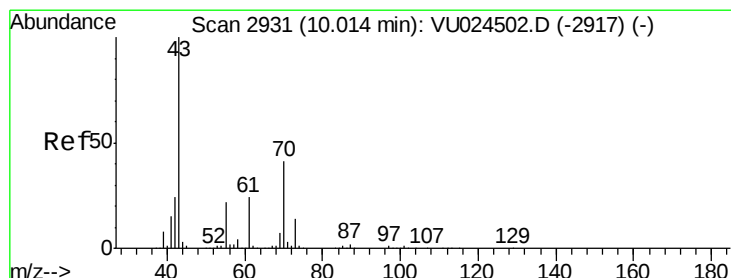
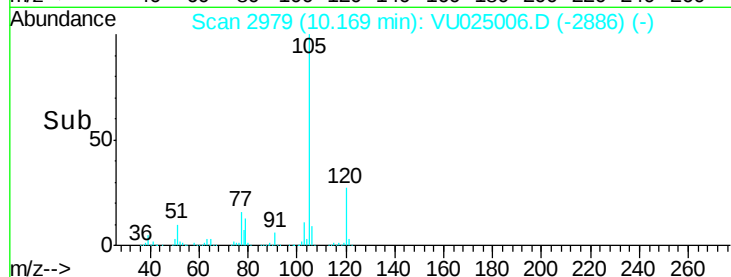
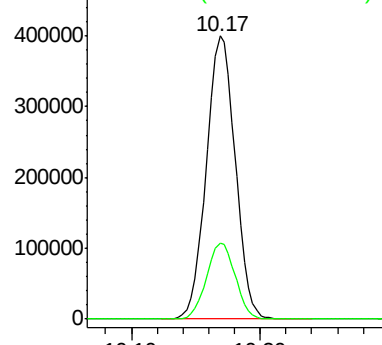
105 100

120 26.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.699 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Tgt Ion: 43 Resp: 268841

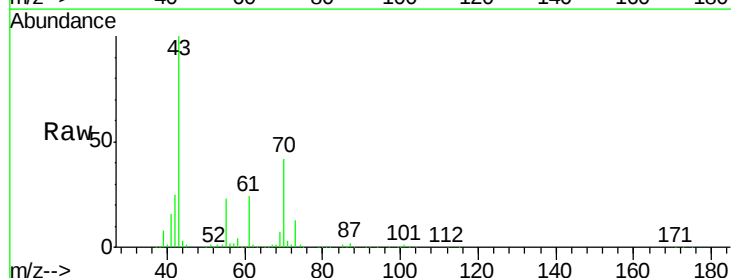
Ion Ratio Lower Upper

43 100

70 41.9 32.2 48.4

55 23.5 20.5 30.7

61 23.4 18.7 28.1

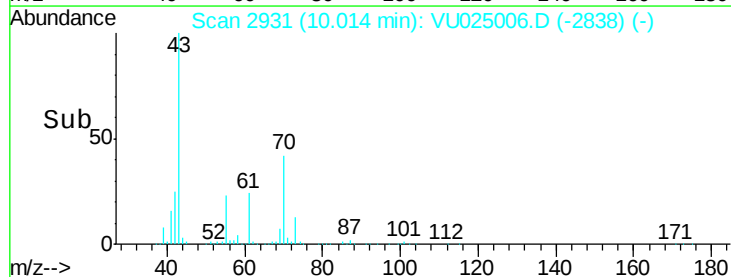
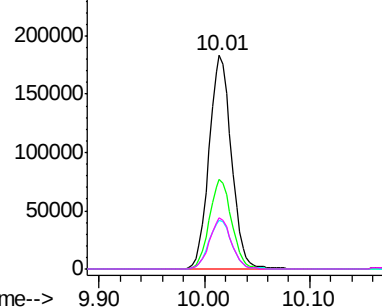


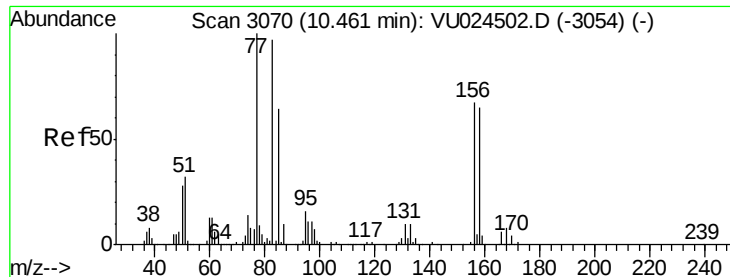
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.948 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

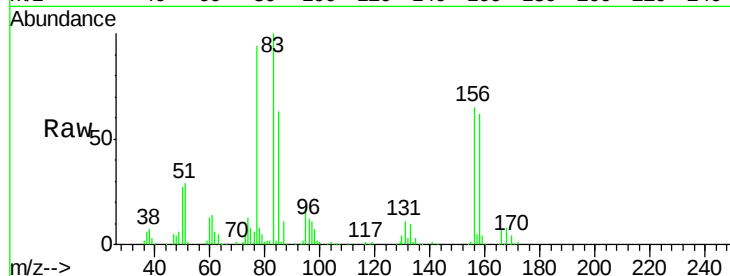
Tgt Ion: 83 Resp: 211158

Ion Ratio Lower Upper

83 100

131 10.9 4.7 14.1

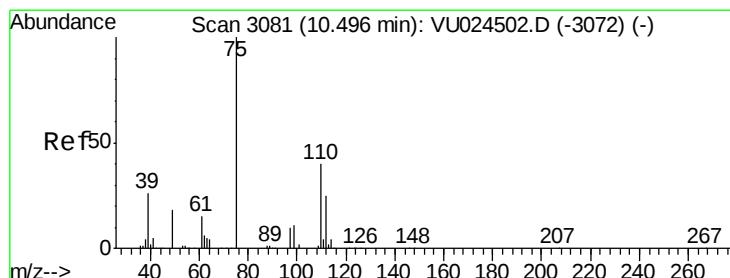
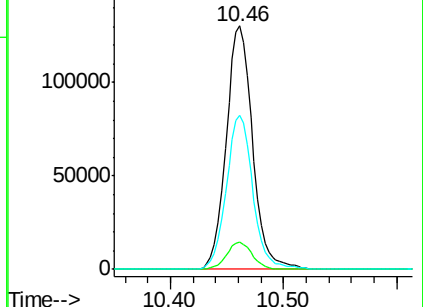
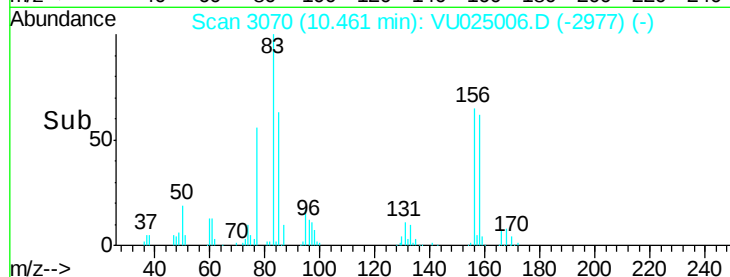
85 63.6 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU025006.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025006.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025006.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 67.616 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025006.D

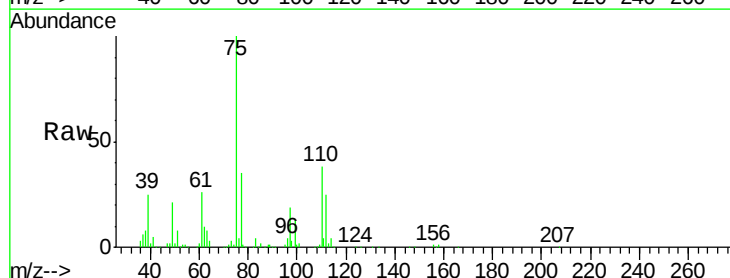
Acq: 28 Jun 2018 07:48

Tgt Ion: 75 Resp: 239815

Ion Ratio Lower Upper

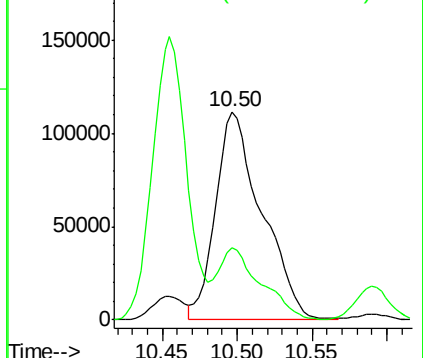
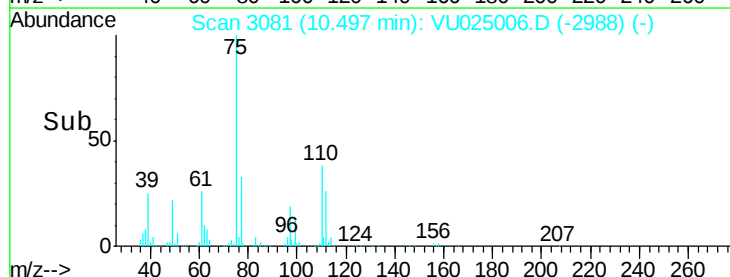
75 100

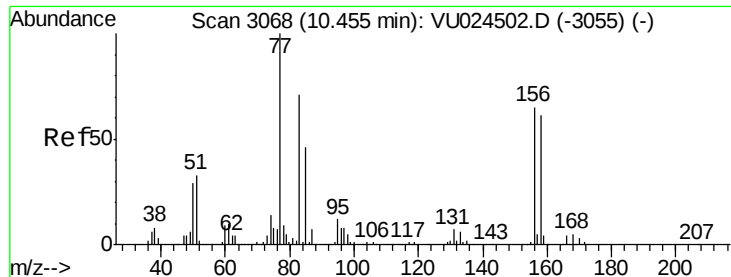
77 30.6 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025006.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025006.D (-2988) (-)





#77

Bromobenzene

Concen: 51.059 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

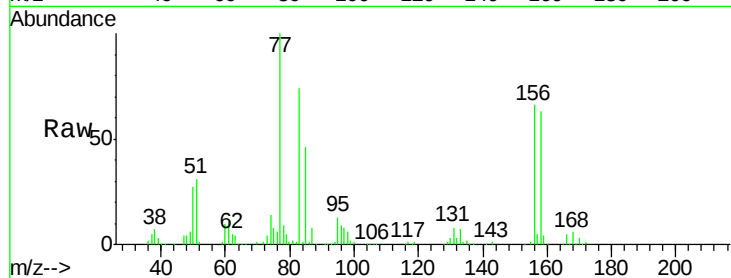
Tgt Ion:156 Resp: 159873

Ion Ratio Lower Upper

156 100

77 150.4 80.5 241.3

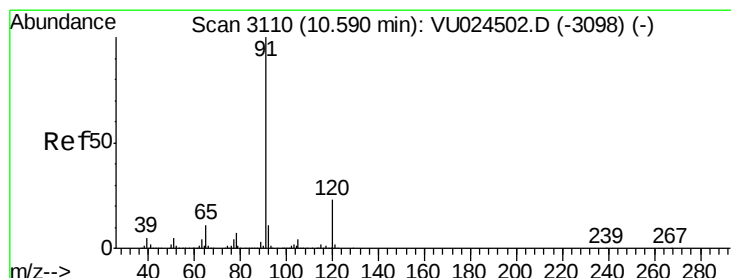
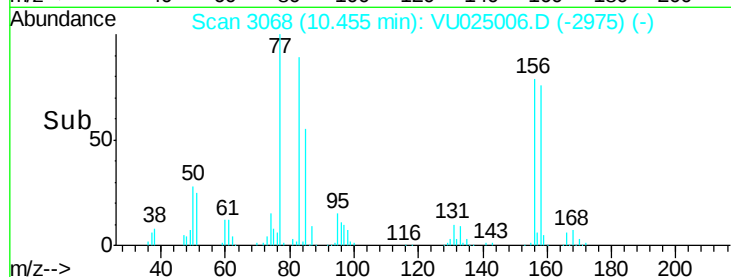
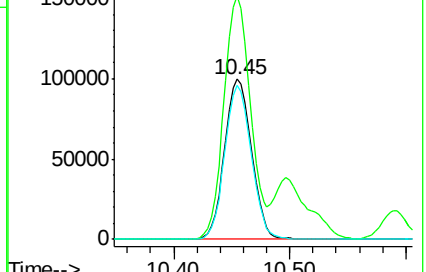
158 95.2 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.057 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025006.D

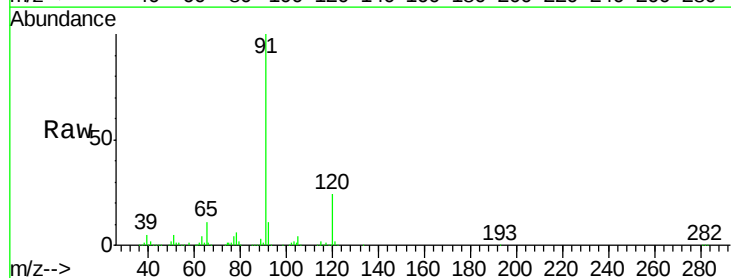
Acq: 28 Jun 2018 07:48

Tgt Ion: 91 Resp: 700169

Ion Ratio Lower Upper

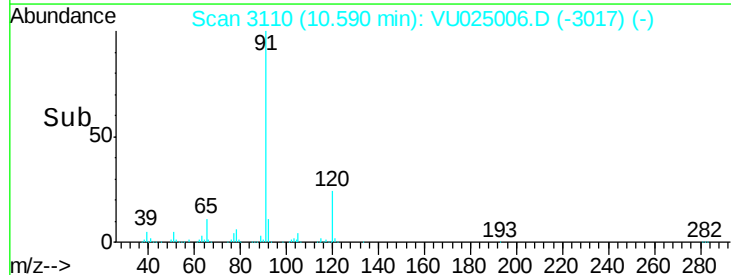
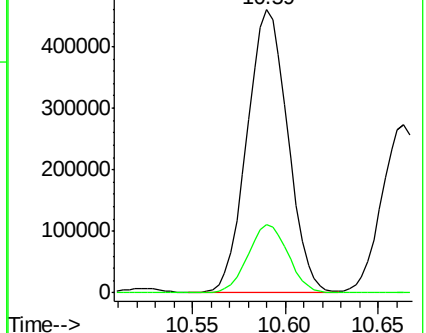
91 100

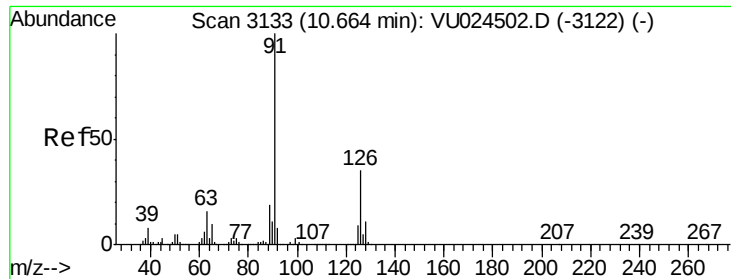
120 23.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.457 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

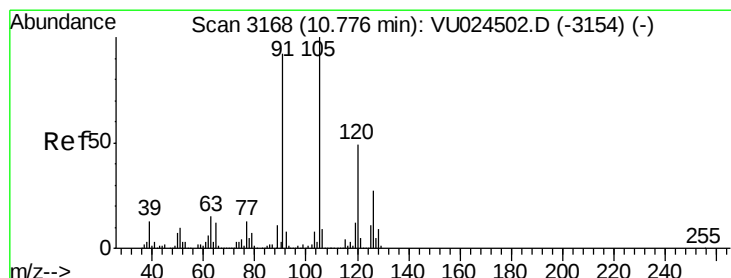
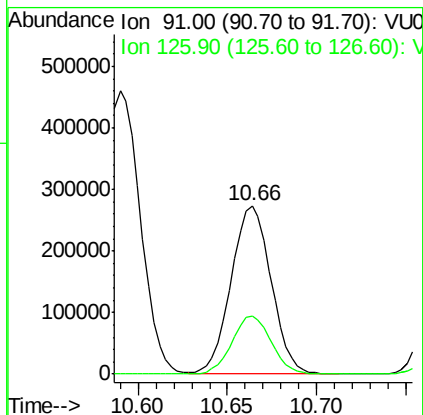
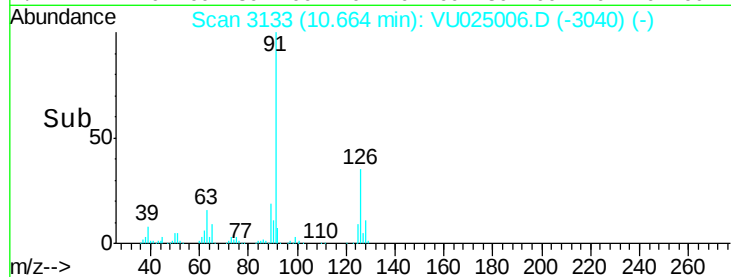
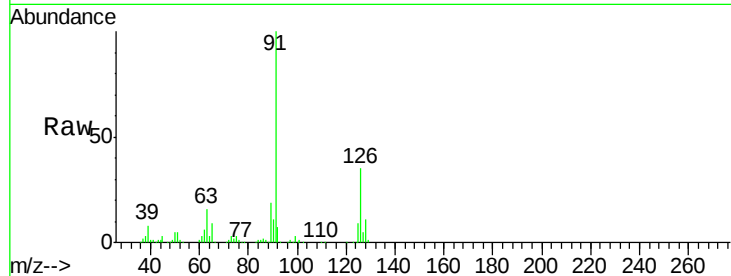
VSTDCCC050EC

Tgt Ion: 91 Resp: 424929

Ion Ratio Lower Upper

91 100

126 34.2 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 49.970 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025006.D

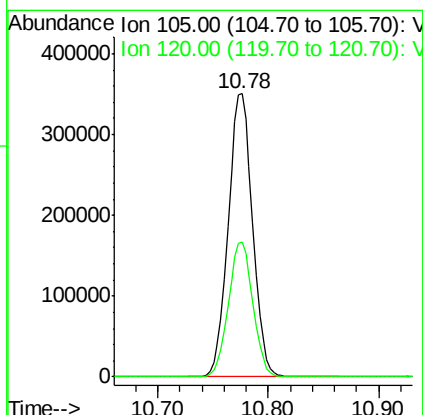
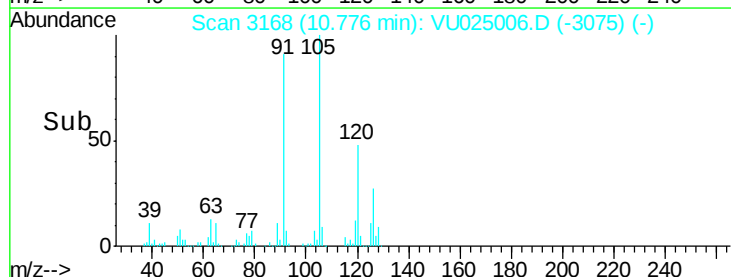
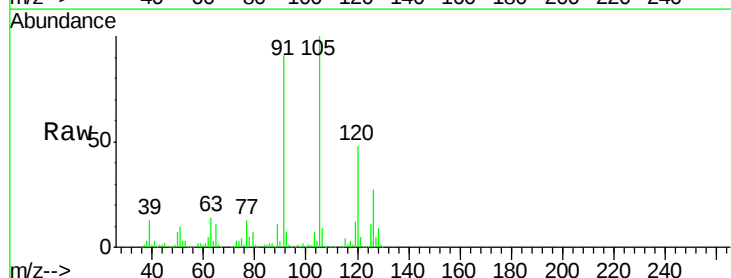
Acq: 28 Jun 2018 07:48

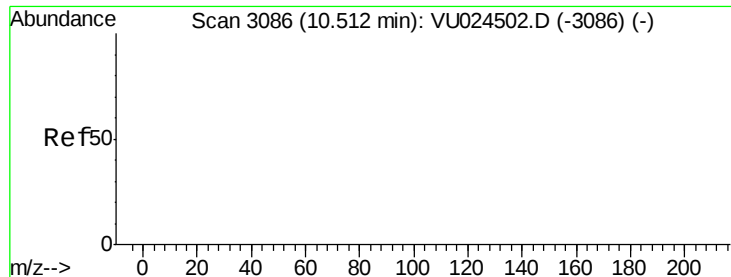
Tgt Ion: 105 Resp: 535675

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.2

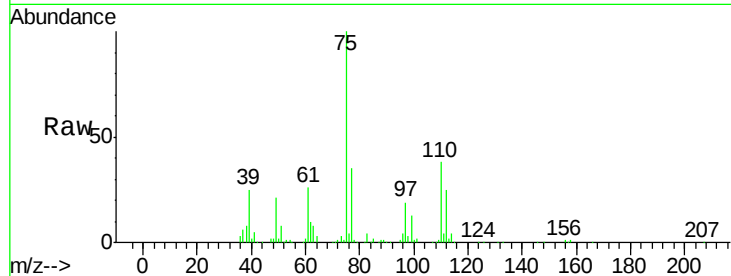




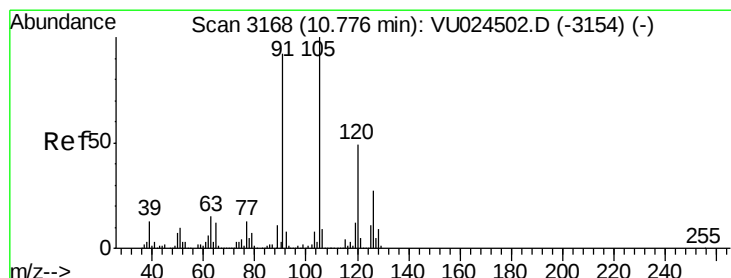
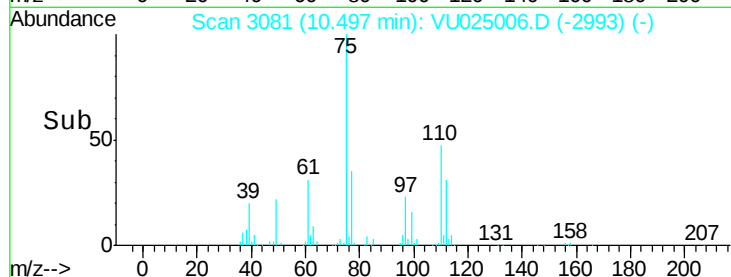
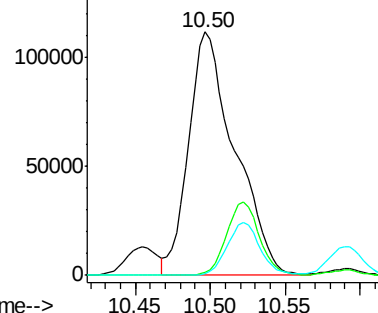
#81
trans-1,4-Dichloro-2-butene
Concen: 156.492 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 239815
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

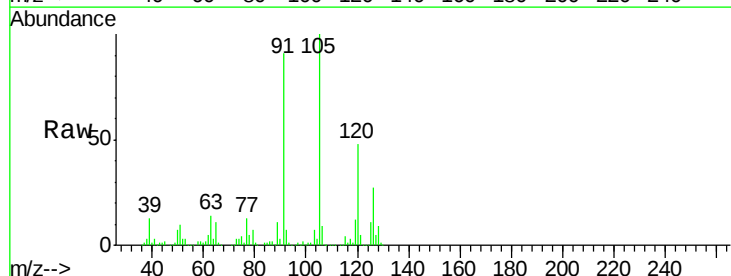


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

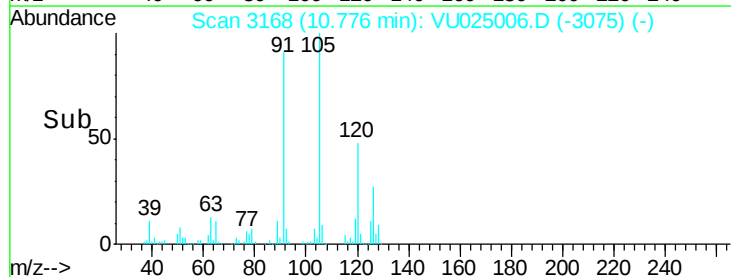
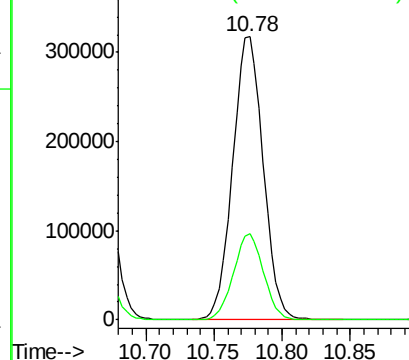


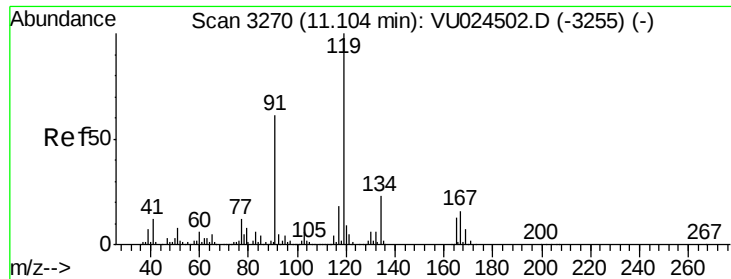
#82
4-Chlorotoluene
Concen: 49.167 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025006.D
Acq: 28 Jun 2018 07:48

Tgt Ion: 91 Resp: 491672
Ion Ratio Lower Upper
91 100
126 30.0 14.9 44.9



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V

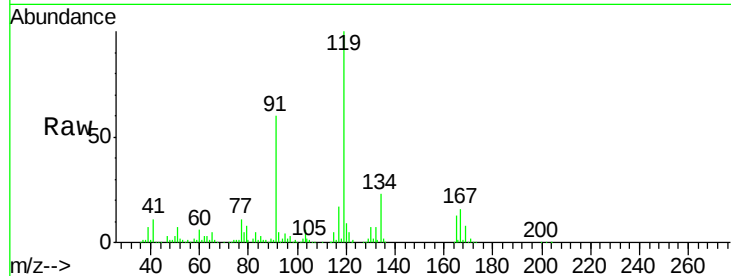




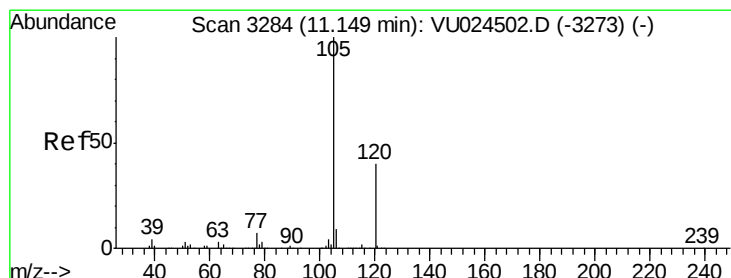
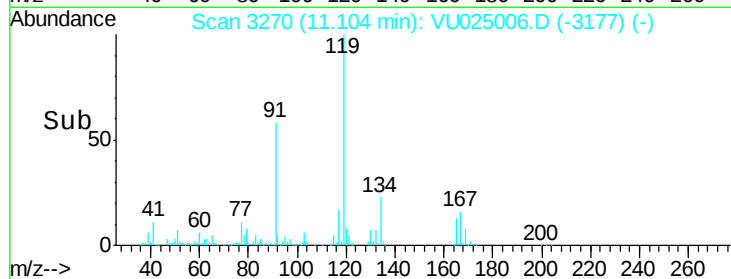
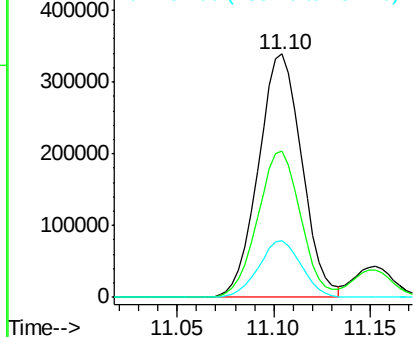
#83
 tert-Butylbenzene
 Concen: 51.283 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 528820
 Ion Ratio Lower Upper
 119 100
 91 59.3 29.7 89.1
 134 22.9 11.6 34.7

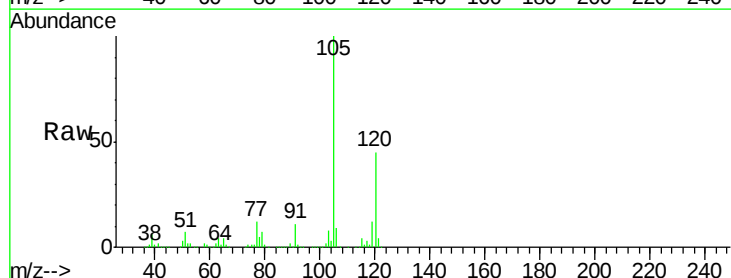


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

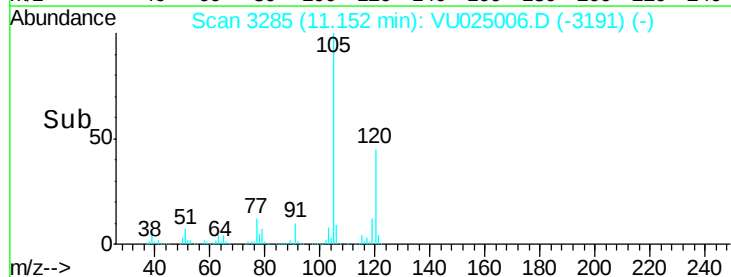
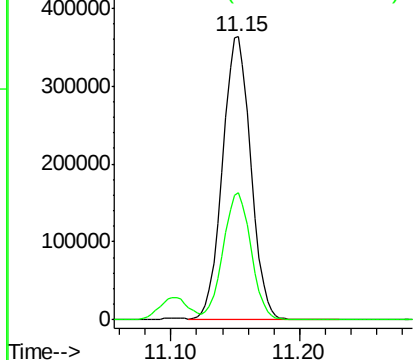


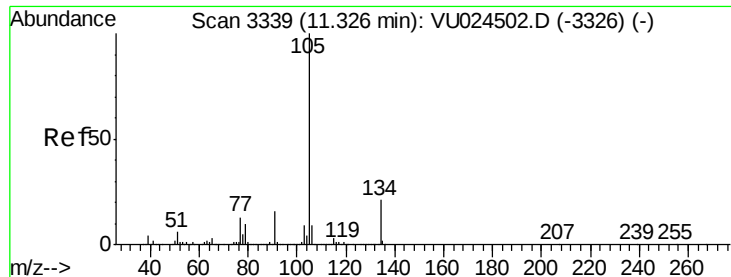
#84
 1,2,4-Trimethylbenzene
 Concen: 50.424 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Tgt Ion:105 Resp: 550866
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

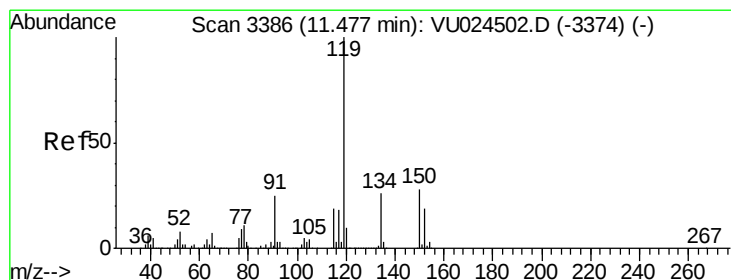
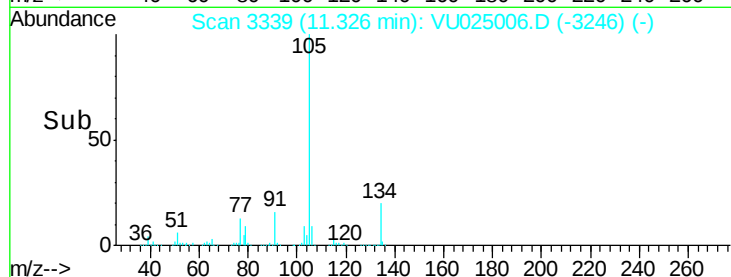
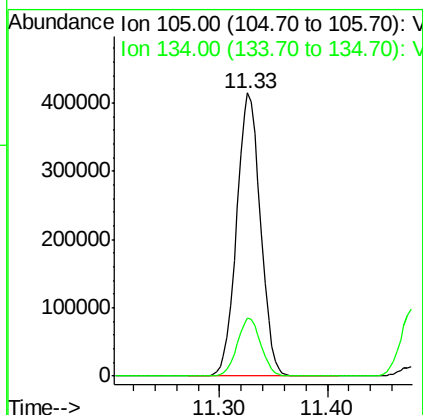
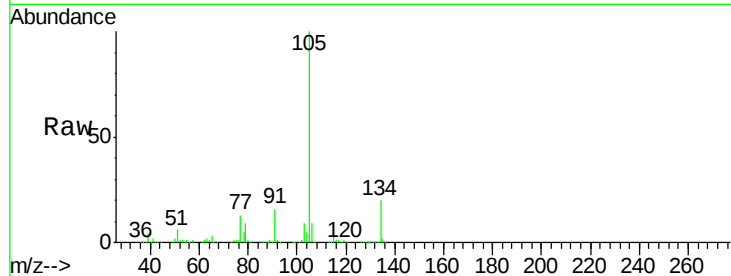




#85
 sec-Butylbenzene
 Concen: 49.416 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

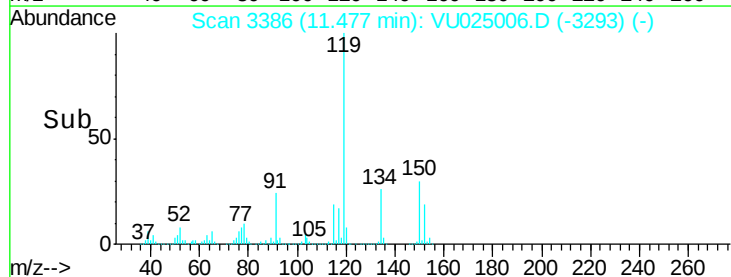
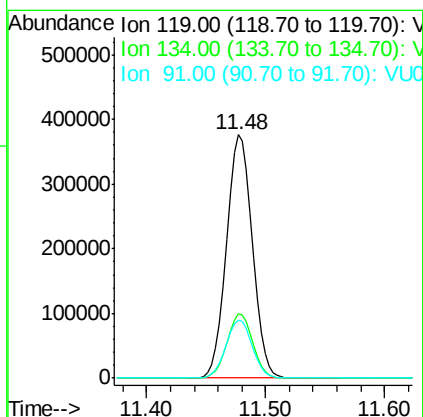
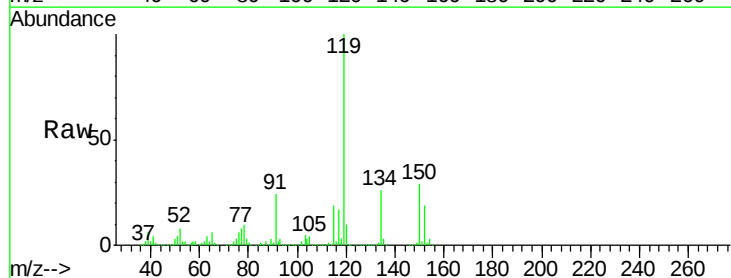
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

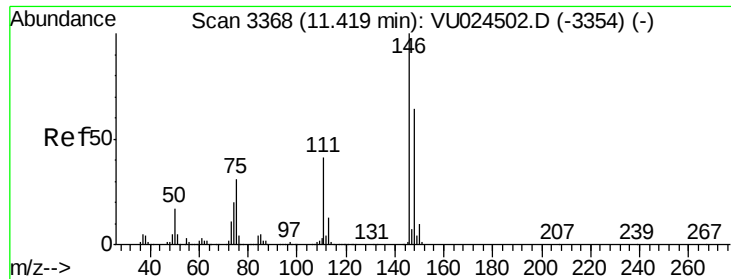
Tgt Ion:105 Resp: 637846
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 48.914 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Tgt Ion:119 Resp: 565457
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 24.2 12.0 36.1

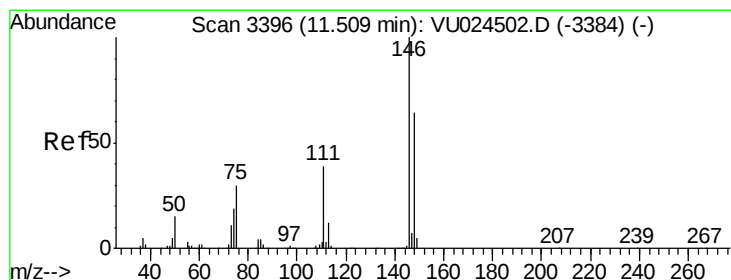
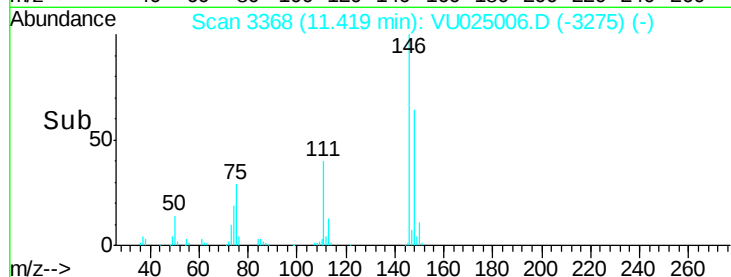
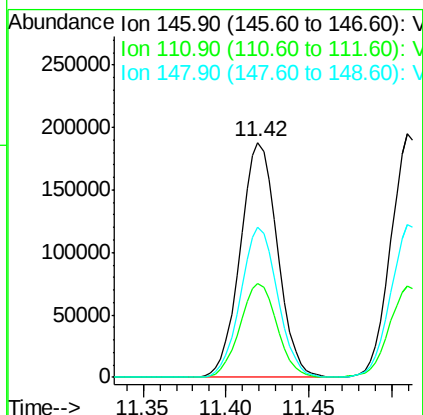
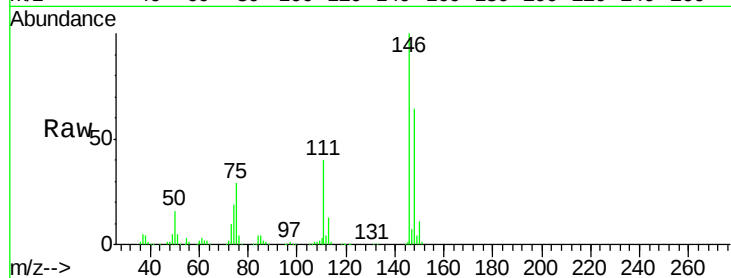




#87
 1,3-Dichlorobenzene
 Concen: 50.679 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

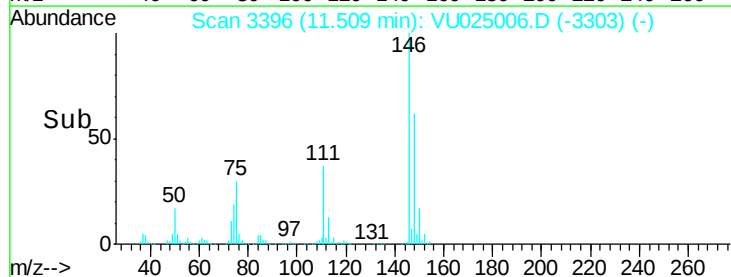
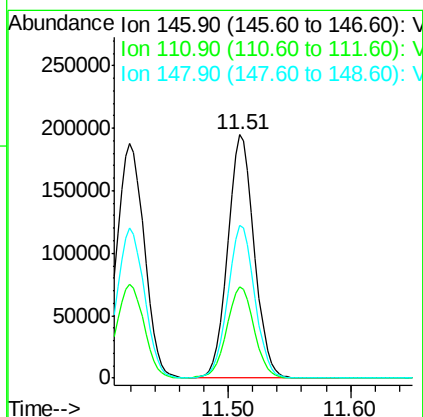
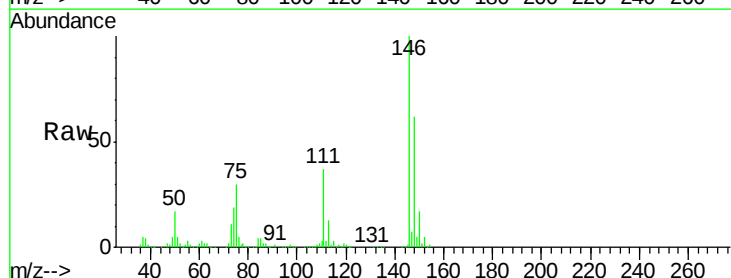
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

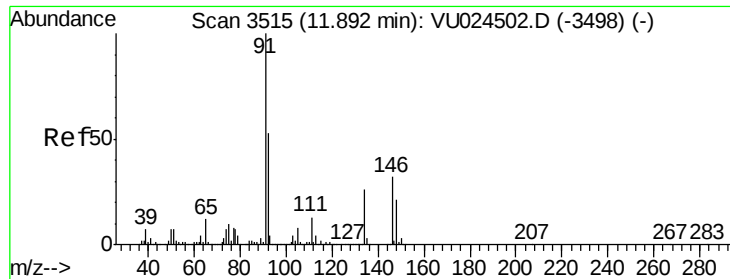
Tgt Ion:146 Resp: 293169
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 60.0
 148 63.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.797 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Tgt Ion:146 Resp: 295762
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.5 58.5
 148 63.8 32.4 97.0





#89

n-Butylbenzene

Concen: 44.520 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

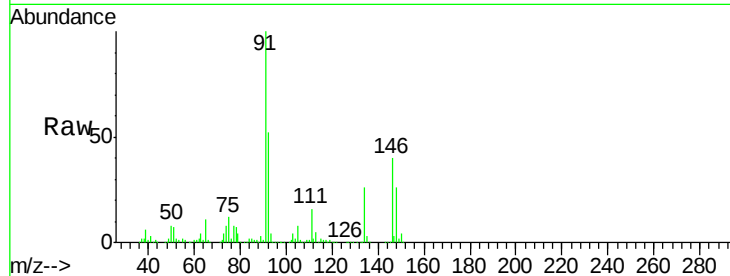
Tgt Ion: 91 Resp: 456931

Ion Ratio Lower Upper

91 100

92 52.6 25.6 76.8

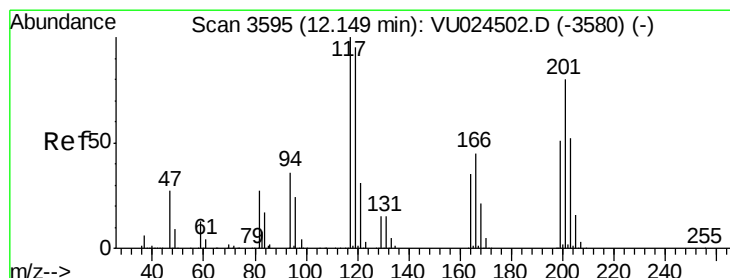
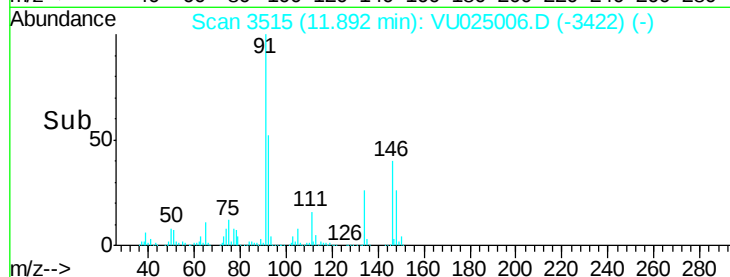
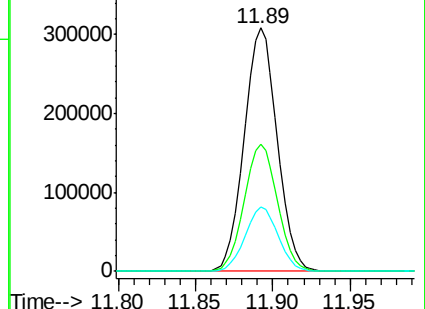
134 26.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3498) (-)

Ion 92.00 (91.70 to 92.70): VU024502.D (-3498) (-)

Ion 134.00 (133.70 to 134.70): VU024502.D (-3498) (-)



#90

Hexachloroethane

Concen: 43.616 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025006.D

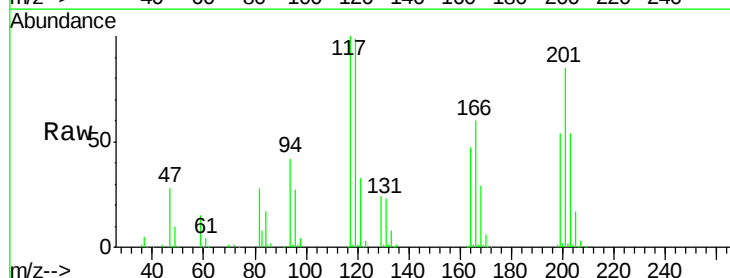
Acq: 28 Jun 2018 07:48

Tgt Ion: 117 Resp: 98360

Ion Ratio Lower Upper

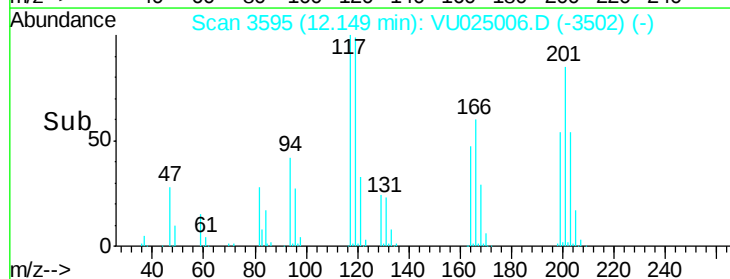
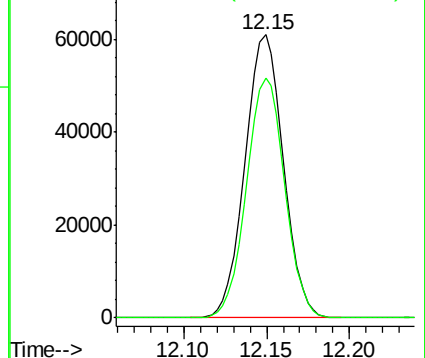
117 100

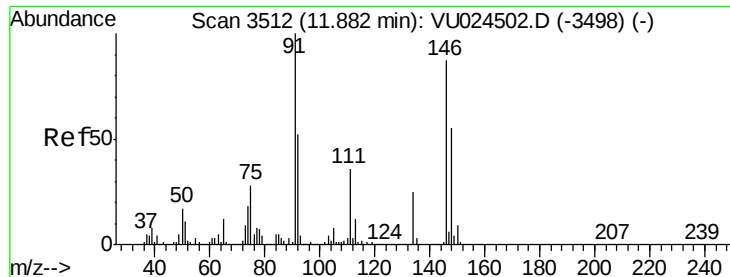
201 84.7 41.1 123.3



Abundance Ion 116.80 (116.50 to 117.50): VU024502.D (-3580) (-)

Ion 200.70 (200.40 to 201.40): VU024502.D (-3580) (-)





#91

1,2-Dichlorobenzene

Concen: 53.238 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

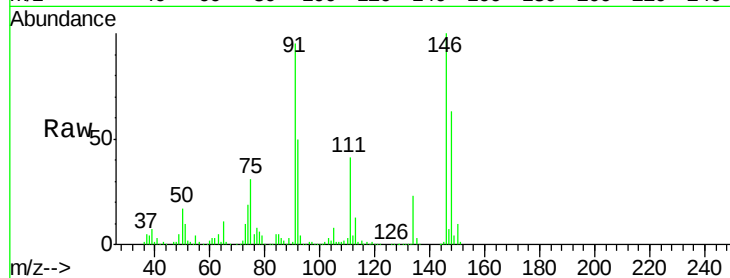
Tgt Ion:146 Resp: 308476

Ion Ratio Lower Upper

146 100

111 41.4 20.5 61.6

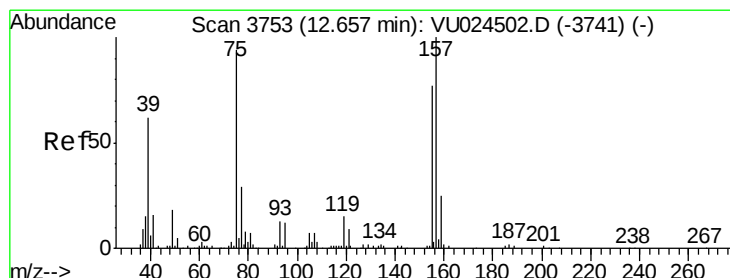
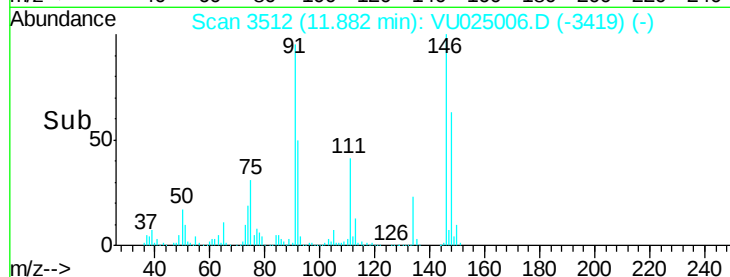
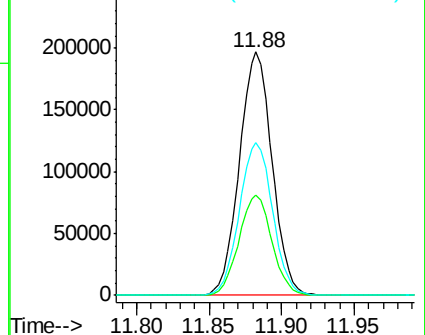
148 64.0 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.003 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

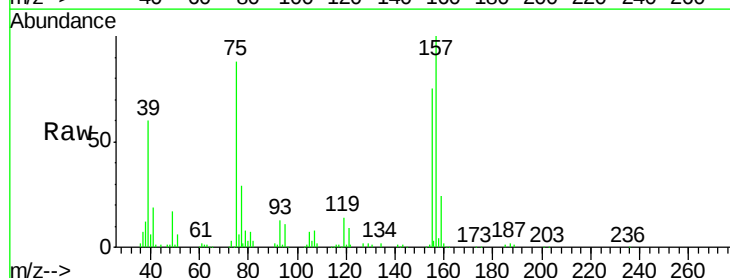
Tgt Ion: 75 Resp: 56040

Ion Ratio Lower Upper

75 100

155 86.9 40.4 121.2

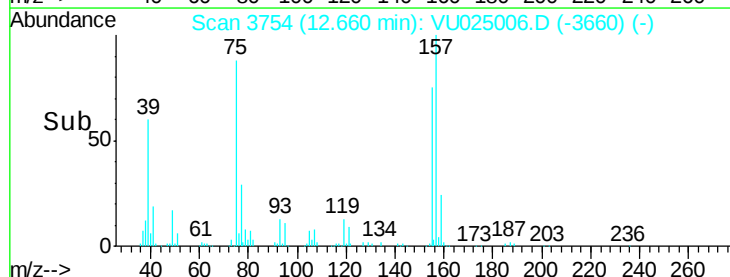
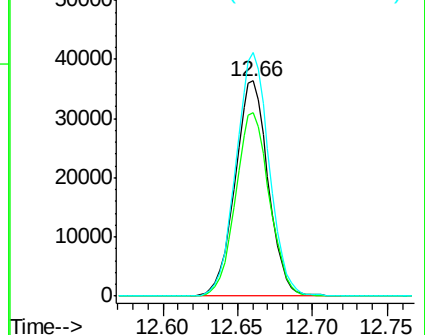
157 113.5 52.3 156.8

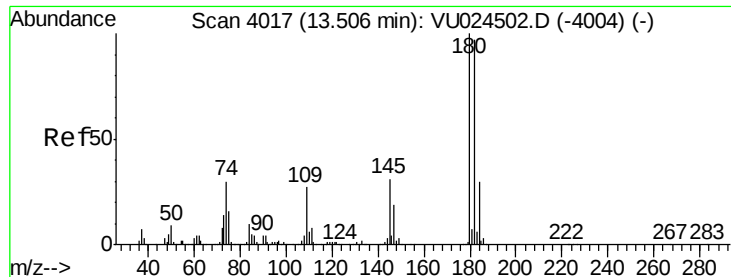


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

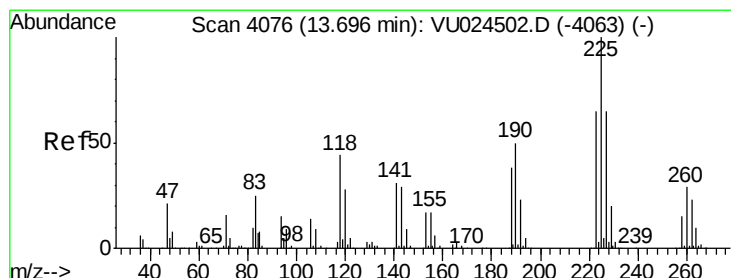
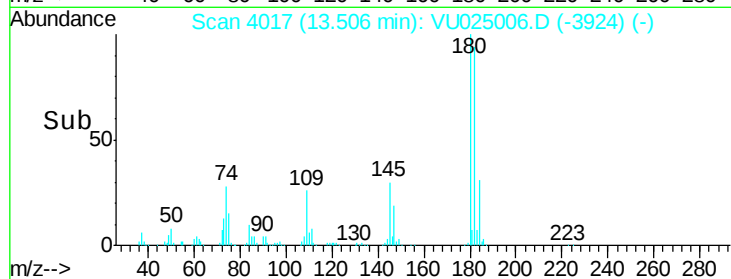
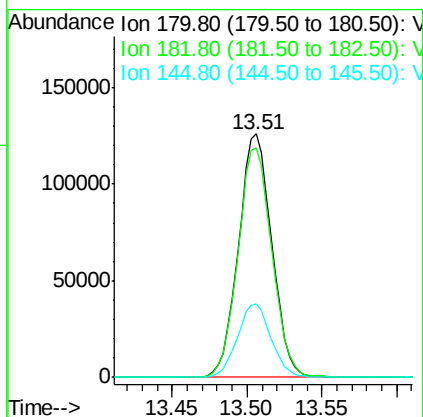
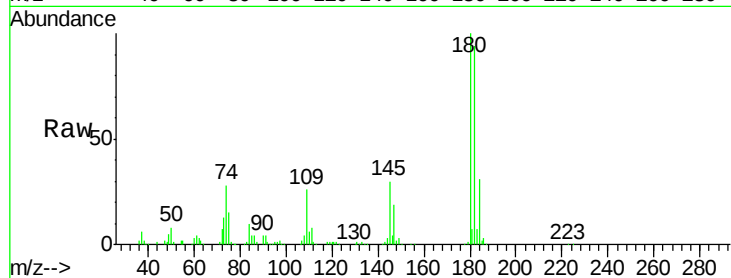




#93
 1,2,4-Trichlorobenzene
 Concen: 54.580 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

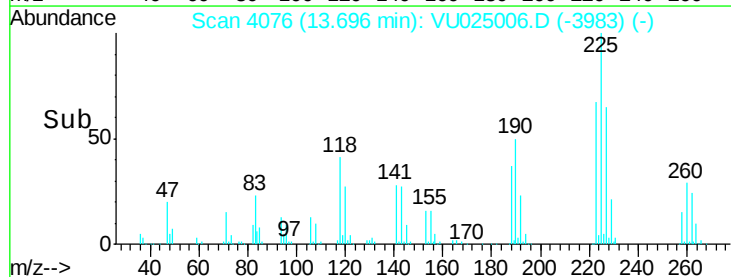
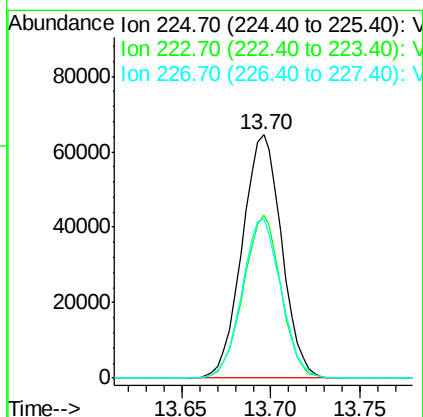
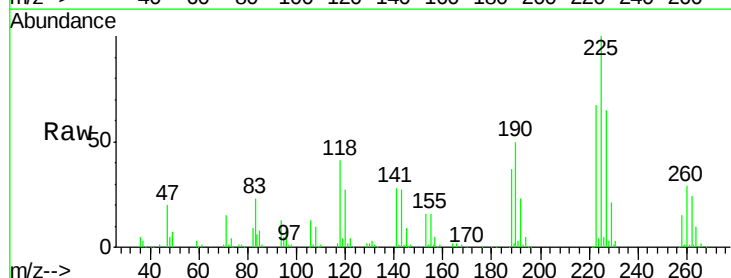
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

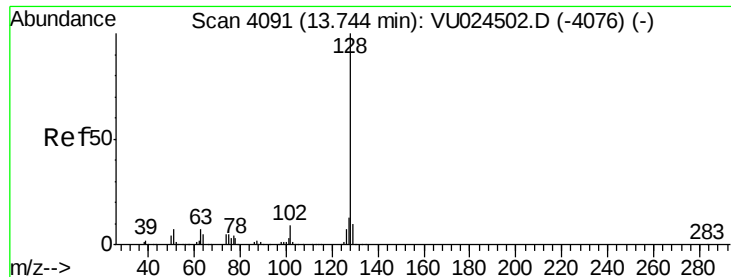
Tgt Ion:180 Resp: 195292
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.0 144.2
 145 30.5 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 49.637 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025006.D
 Acq: 28 Jun 2018 07:48

Tgt Ion:225 Resp: 99965
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.3 93.8
 227 64.8 31.8 95.4





#95

Naphthalene

Concen: 54.750 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

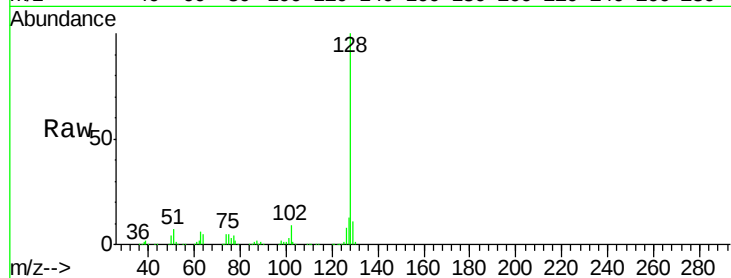
Tgt Ion:128 Resp: 649304

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

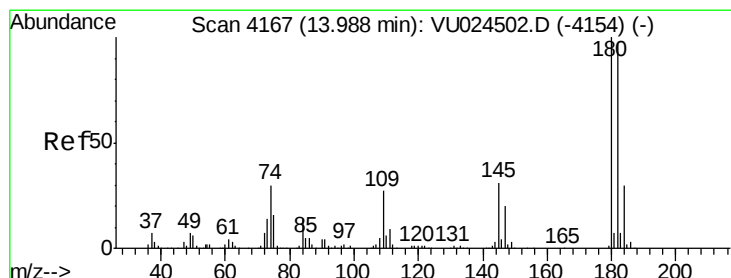
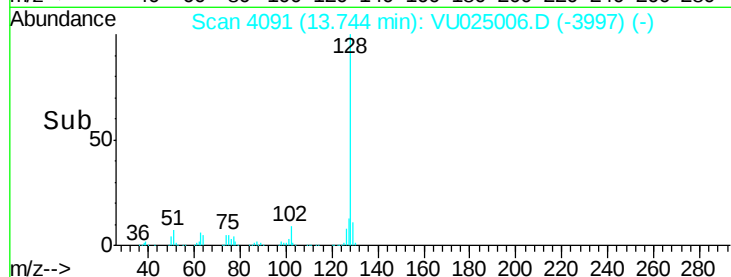
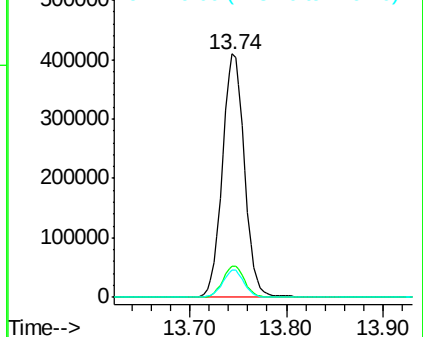
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 58.363 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU025006.D

Acq: 28 Jun 2018 07:48

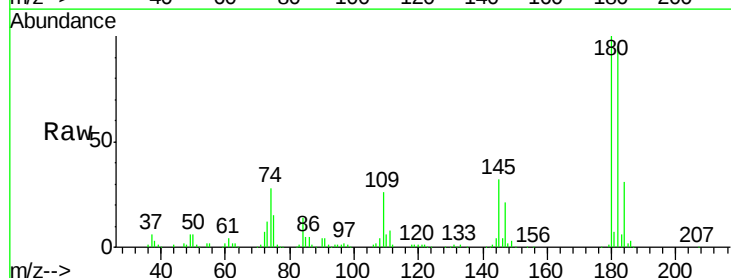
Tgt Ion:180 Resp: 208083

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 31.8 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

