

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU024953.D
 Acq On : 27 Jun 2018 04:47
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 27 05:56:22 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	202274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	302263	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	285443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	176721	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	143334	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	
35) Dibromofluoromethane	4.89	113	116701	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
50) Toluene-d8	7.57	98	403195	44.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.12%	
62) 4-Bromofluorobenzene	10.31	95	164843	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	102090	40.323	ug/l	99
3) Chloromethane	1.33	50	114065	44.098	ug/l	99
4) Vinyl Chloride	1.40	62	123702	46.373	ug/l	99
5) Bromomethane	1.62	94	68190	52.879	ug/l	100
6) Chloroethane	1.69	64	79214	53.210	ug/l	99
7) Trichlorofluoromethane	1.89	101	183798	45.149	ug/l	99
8) Diethyl Ether	2.10	74	75259	54.492	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.29	101	117620	46.571	ug/l	95
10) Methyl Iodide	2.41	142	126115	58.052	ug/l	98
11) Tert butyl alcohol	2.83	59	182419	227.139	ug/l	99
12) 1,1-Dichloroethene	2.28	96	110076	47.793	ug/l	91
13) Acrolein	2.19	56	46215	109.582	ug/l	98
14) Allyl chloride	2.59	41	184149	43.062	ug/l	95
15) Acrylonitrile	2.93	53	372142	238.162	ug/l	99
16) Acetone	2.32	43	336501	189.658	ug/l	98
17) Carbon Disulfide	2.48	76	274091	37.165	ug/l	98
18) Methyl Acetate	2.62	43	209665	55.122	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	431263	49.813	ug/l	95
20) Methylene Chloride	2.70	84	134339	48.255	ug/l	94
21) trans-1,2-Dichloroethene	2.99	96	115676	45.601	ug/l	95
22) Diisopropyl ether	3.57	45	404016	47.658	ug/l	97
23) Vinyl Acetate	3.53	43	1658827	218.441	ug/l	99
24) 1,1-Dichloroethane	3.45	63	231659	47.503	ug/l	99
25) 2-Butanone	4.26	43	522455	219.222	ug/l	95
26) 2,2-Dichloropropane	4.23	77	167284	36.125	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	139189	47.727	ug/l	94
28) Bromochloromethane	4.55	49	97314	45.303	ug/l	83
29) Tetrahydrofuran	4.63	42	336007	227.670	ug/l	96
30) Chloroform	4.68	83	239268	48.473	ug/l	98
31) Cyclohexane	5.00	56	196185	45.108	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	219846	48.164	ug/l	95
36) 1,1-Dichloropropene	5.14	75	165407	46.570	ug/l	96
37) Ethyl Acetate	4.38	43	193501	49.984	ug/l #	96
38) Carbon Tetrachloride	5.14	117	193274	49.484	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU024953.D
 Acq On : 27 Jun 2018 04:47
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jun 27 05:56:22 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	200656	45.270	ug/l	95
40) Benzene	5.39	78	499424	49.346	ug/l	99
41) Methacrylonitrile	4.54	41	108590	52.026	ug/l	98
42) 1,2-Dichloroethane	5.41	62	194920	50.568	ug/l	99
43) Isopropyl Acetate	5.55	43	310805	46.447	ug/l	97
44) Trichloroethene	6.19	130	140016	48.611	ug/l	97
45) 1,2-Dichloropropane	6.44	63	132428	49.039	ug/l	97
46) Dibromomethane	6.56	93	95059	50.115	ug/l	93
47) Bromodichloromethane	6.76	83	181069	47.938	ug/l	99
48) Methyl methacrylate	6.62	41	157914	48.464	ug/l	99
49) 1,4-Dioxane	6.62	88	76567	1201.573	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	1004995	239.056	ug/l	97
52) Toluene	7.64	92	318633	48.935	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	195148	46.007	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	204676	45.284	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	133837	50.566	ug/l	97
56) Ethyl methacrylate	8.02	69	216745	48.926	ug/l	98
57) 1,3-Dichloropropane	8.25	76	223835	50.132	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	117669	69.333	ug/l	95
59) 2-Hexanone	8.36	43	800262	233.165	ug/l	98
60) Dibromochloromethane	8.48	129	153251	46.432	ug/l	100
61) 1,2-Dibromoethane	8.59	107	143938	48.860	ug/l	97
64) Tetrachloroethene	8.23	164	136459	50.294	ug/l	98
65) Chlorobenzene	9.12	112	360926	49.496	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	141165	50.955	ug/l	98
67) Ethyl Benzene	9.25	91	626220	48.987	ug/l	98
68) m/p-Xylenes	9.38	106	490138	99.848	ug/l	96
69) o-Xylene	9.78	106	243454	50.113	ug/l	96
70) Styrene	9.80	104	405466	50.788	ug/l	99
71) Bromoform	9.96	173	121359	46.087	ug/l #	100
73) Isopropylbenzene	10.17	105	660151	48.655	ug/l	99
74) N-amyl acetate	10.01	43	282621	43.793	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	222870	49.019	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	254527	65.418	ug/l	85
77) Bromobenzene	10.45	156	172863	50.325	ug/l	92
78) n-propylbenzene	10.59	91	749303	46.882	ug/l	97
79) 2-Chlorotoluene	10.66	91	450548	47.802	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	569412	48.420	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	254527	151.406	ug/l #	100
82) 4-Chlorotoluene	10.78	91	521756	47.561	ug/l	99
83) tert-Butylbenzene	11.10	119	571497	50.520	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	583853	48.718	ug/l	100
85) sec-Butylbenzene	11.33	105	690569	48.770	ug/l	98
86) p-Isopropyltoluene	11.48	119	615746	48.554	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	314708	49.592	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	317716	49.742	ug/l	99
89) n-Butylbenzene	11.89	91	516968	45.916	ug/l	96
90) Hexachloroethane	12.15	117	107082	43.285	ug/l	94
91) 1,2-Dichlorobenzene	11.88	146	331136	52.096	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	59178	47.171	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
Data File : VU024953.D
Acq On : 27 Jun 2018 04:47
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 27 05:56:22 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

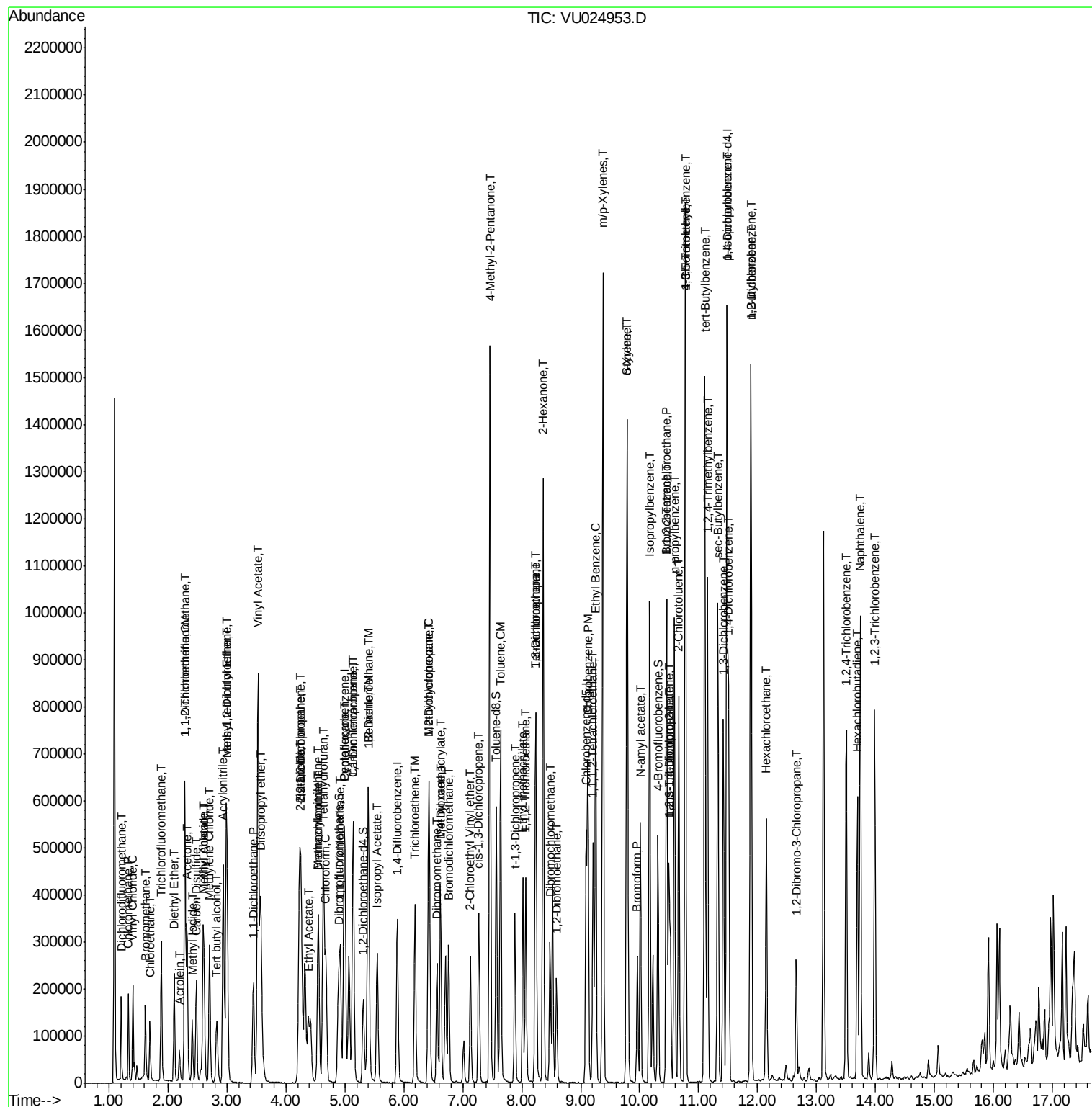
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	230315	58.677	ug/l	99
94) Hexachlorobutadiene	13.70	225	114499	51.826	ug/l	100
95) Naphthalene	13.74	128	759729	58.351	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	243167	62.172	ug/l	98

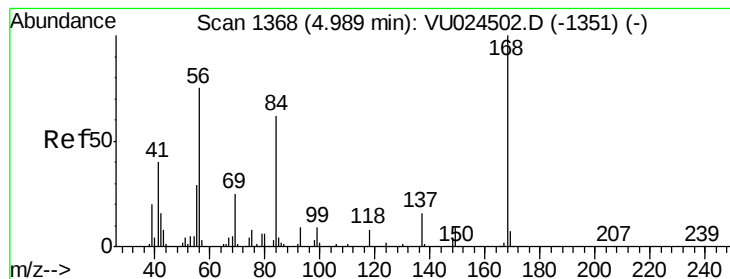
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
Data File : VU024953.D
Acq On : 27 Jun 2018 04:47
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleID :
VSTDCCC050EC

Quant Time: Jun 27 05:56:22 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# 1368

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

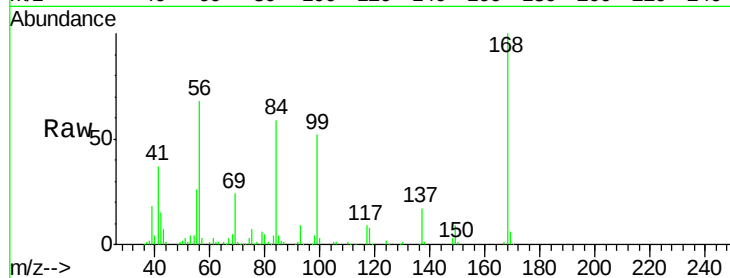
VSTDCCC050EC

Tgt Ion:168 Resp: 202274

Ion Ratio Lower Upper

168 100

99 51.9 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) (-)

4.99

100000

80000

60000

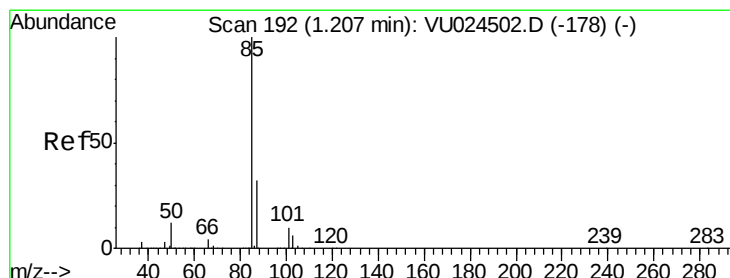
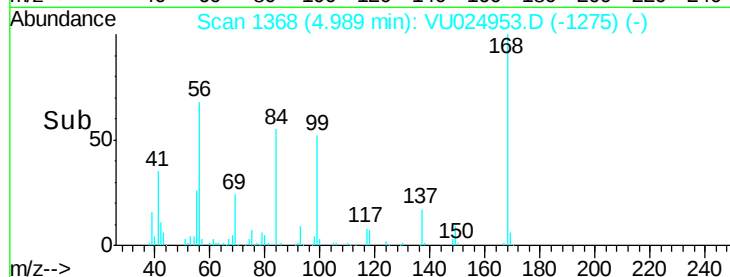
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 40.323 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024953.D

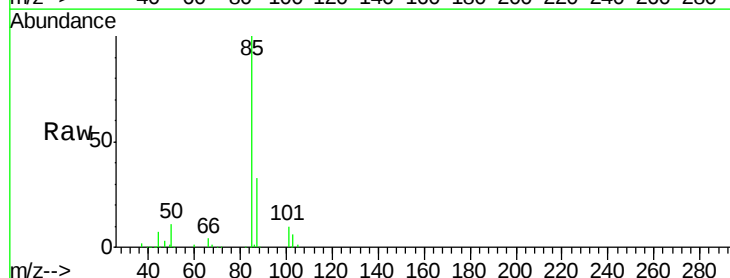
Acq: 27 Jun 2018 04:47

Tgt Ion: 85 Resp: 102090

Ion Ratio Lower Upper

85 100

87 32.5 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) (-)

1.20

120000

100000

80000

60000

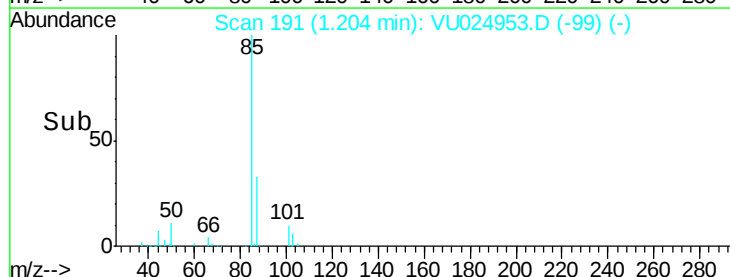
40000

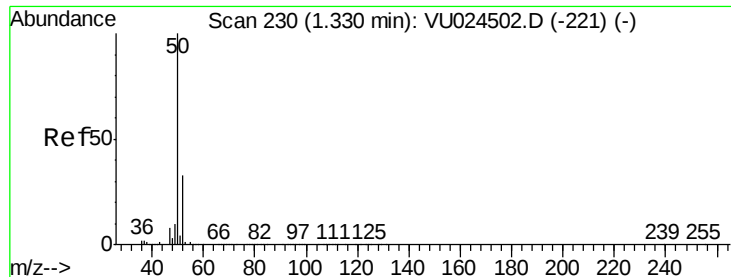
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 44.098 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

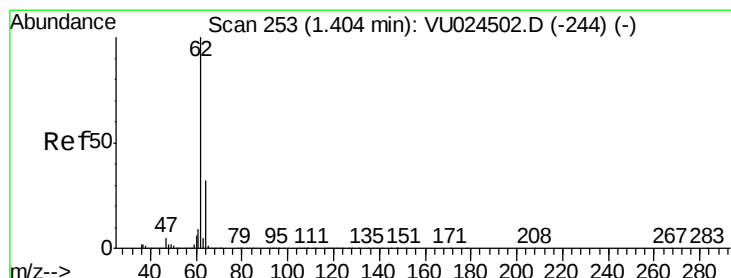
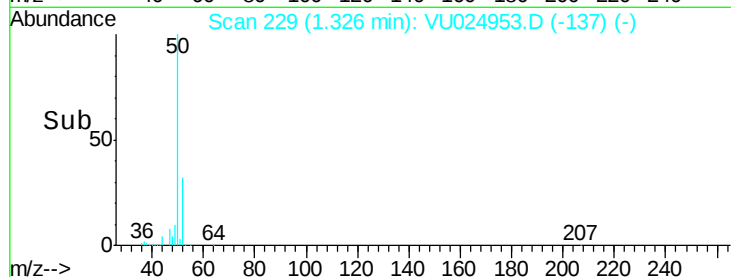
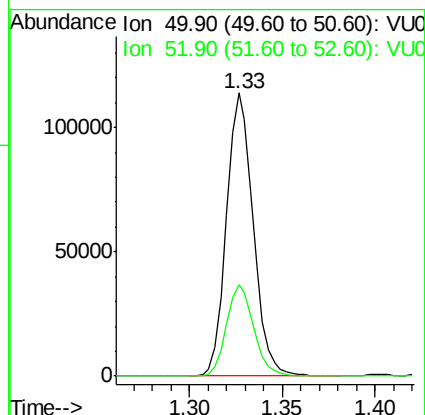
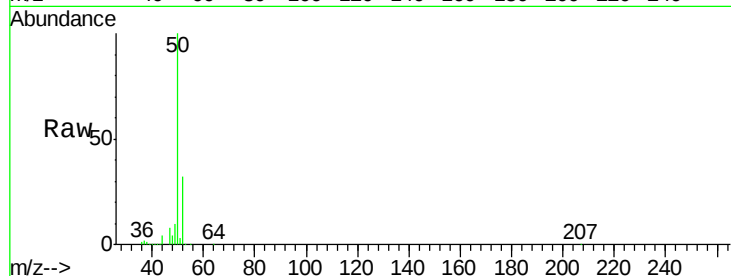
VSTDCCC050EC

Tgt Ion: 50 Resp: 114065

Ion Ratio Lower Upper

50 100

52 32.2 26.4 39.6



#4

Vinyl Chloride

Concen: 46.373 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024953.D

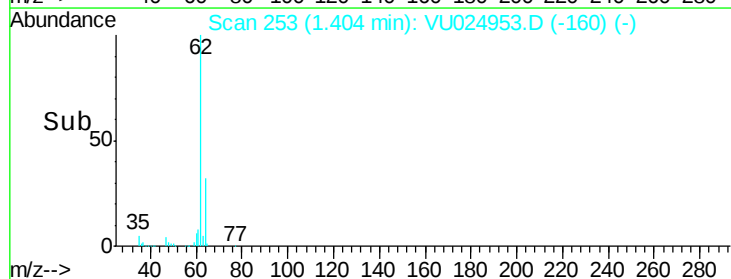
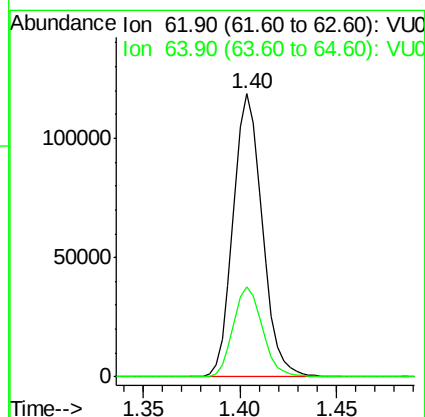
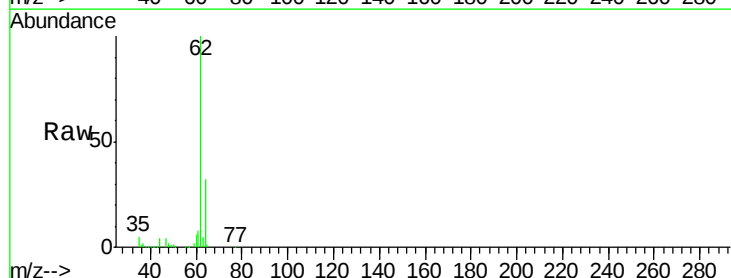
Acq: 27 Jun 2018 04:47

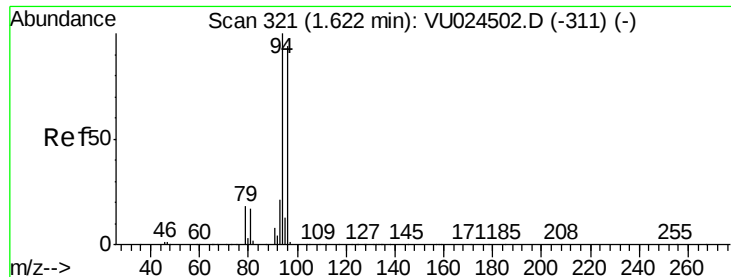
Tgt Ion: 62 Resp: 123702

Ion Ratio Lower Upper

62 100

64 31.8 24.8 37.2





#5

Bromomethane

Concen: 52.879 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

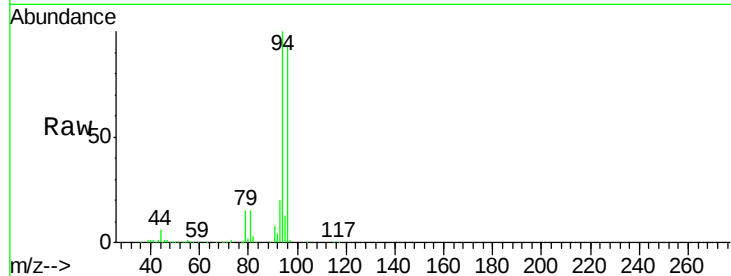
VSTDCCC050EC

Tgt Ion: 94 Resp: 68190

Ion Ratio Lower Upper

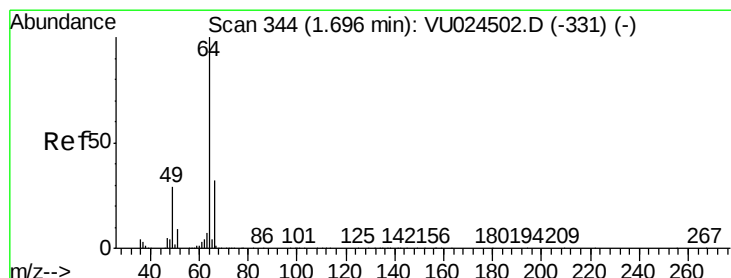
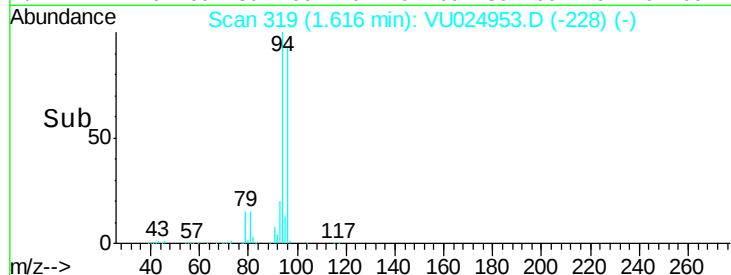
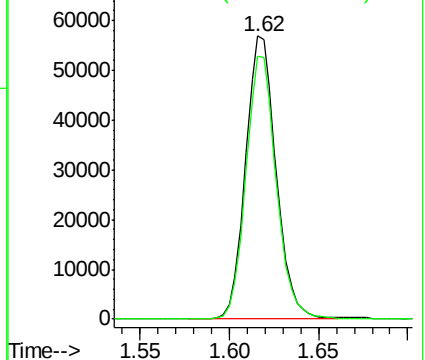
94 100

96 92.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 53.210 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024953.D

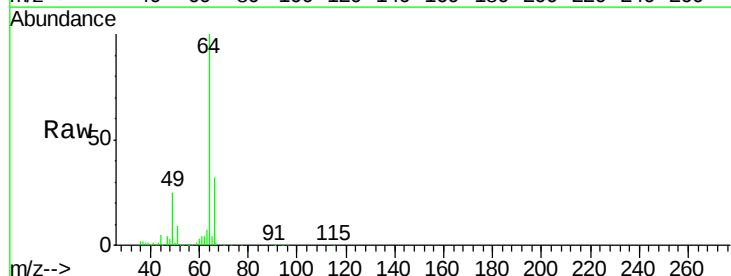
Acq: 27 Jun 2018 04:47

Tgt Ion: 64 Resp: 79214

Ion Ratio Lower Upper

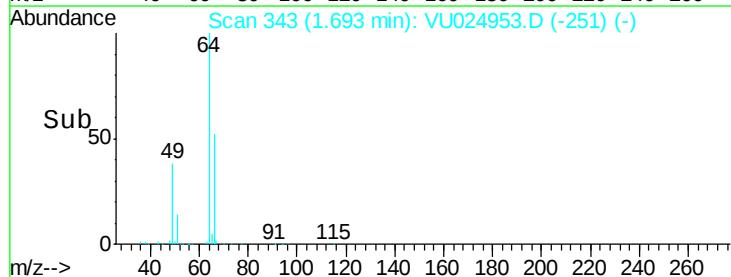
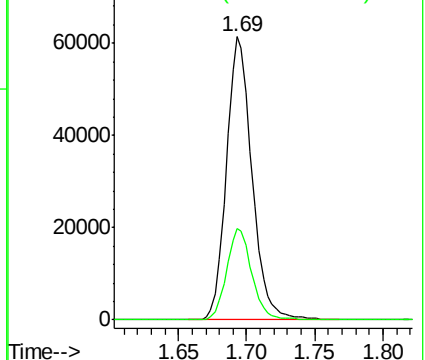
64 100

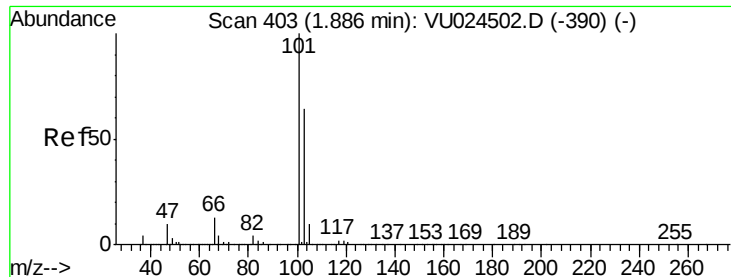
66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



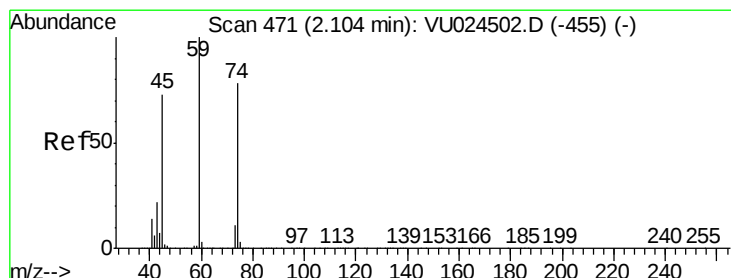
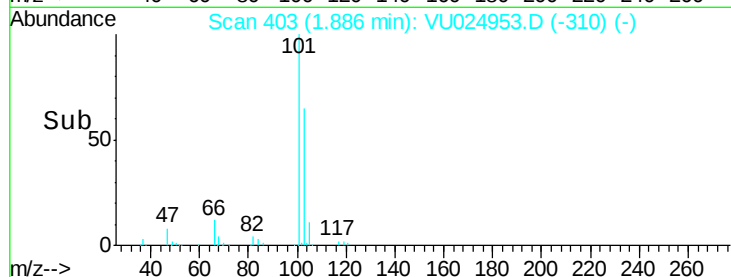
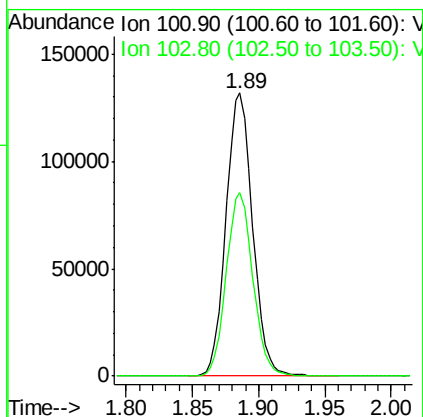
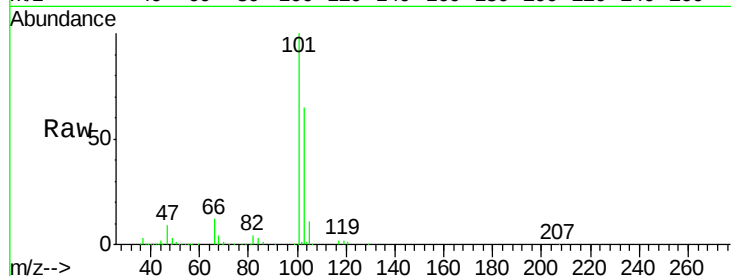


#7

Trichlorofluoromethane
 Concen: 45.149 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

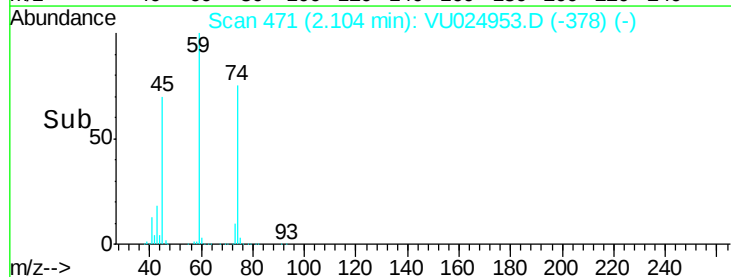
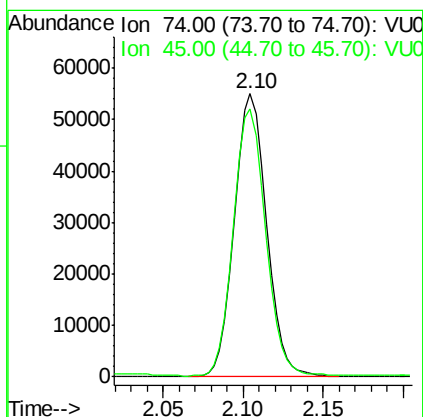
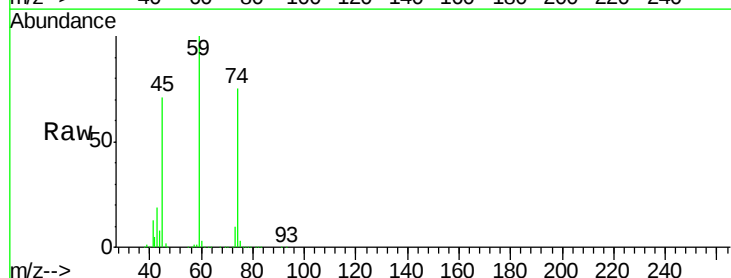
Tgt Ion:101 Resp: 183798
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.3 78.5

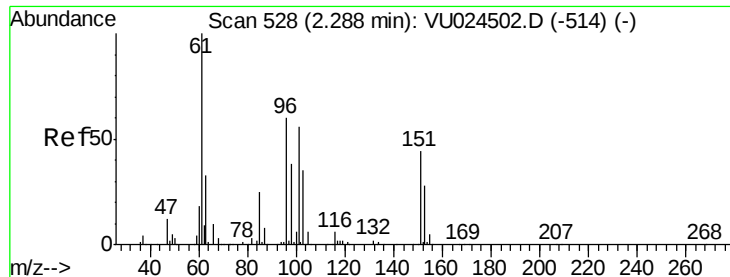


#8

Diethyl Ether
 Concen: 54.492 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

Tgt Ion: 74 Resp: 75259
 Ion Ratio Lower Upper
 74 100
 45 94.7 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.571 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

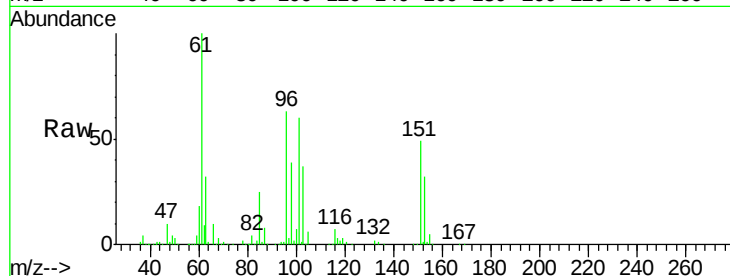
Tgt Ion:101 Resp: 117620

Ion Ratio Lower Upper

101 100

85 43.1 36.0 54.0

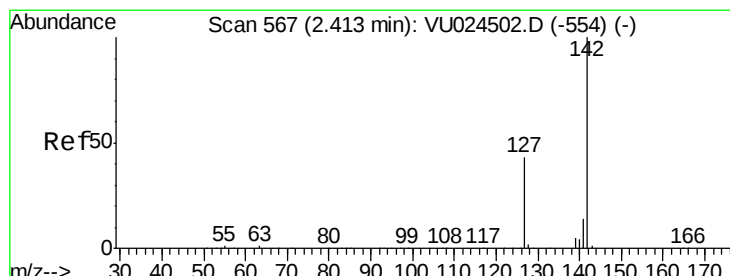
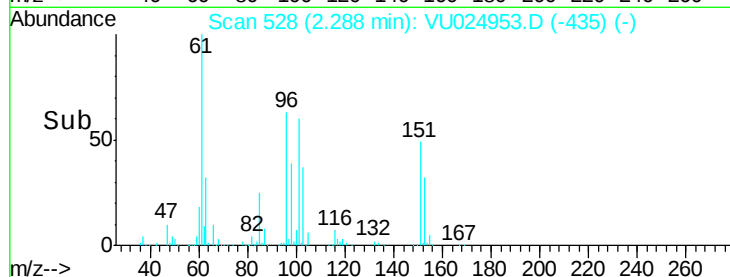
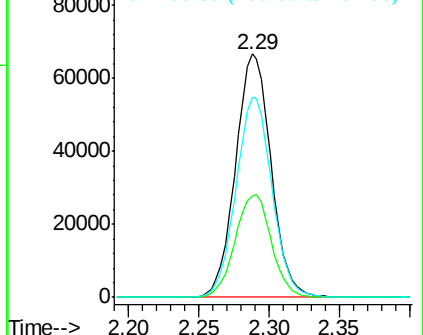
151 83.7 62.3 93.5



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: 58.052 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

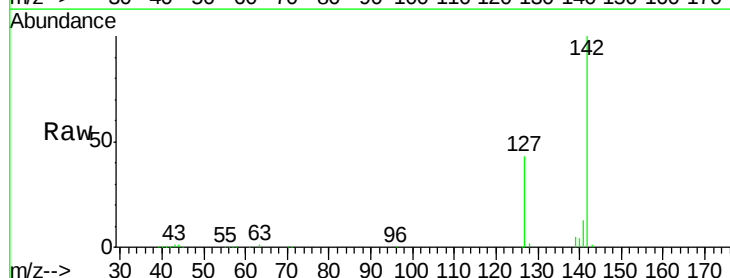
Tgt Ion:142 Resp: 126115

Ion Ratio Lower Upper

142 100

127 43.4 35.6 53.4

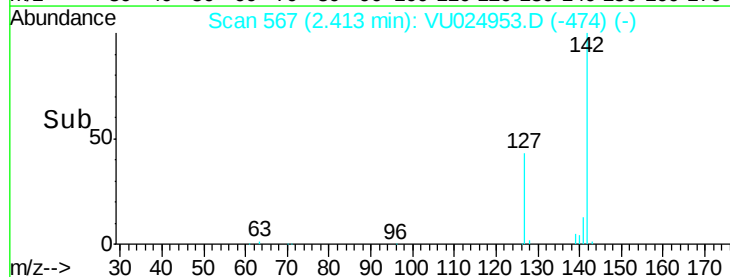
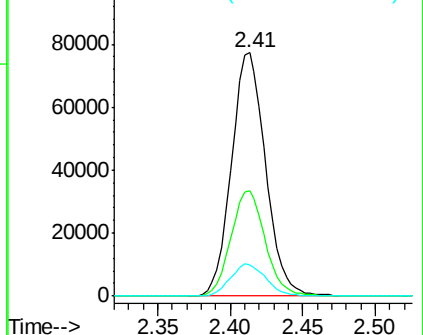
141 13.7 11.7 17.5

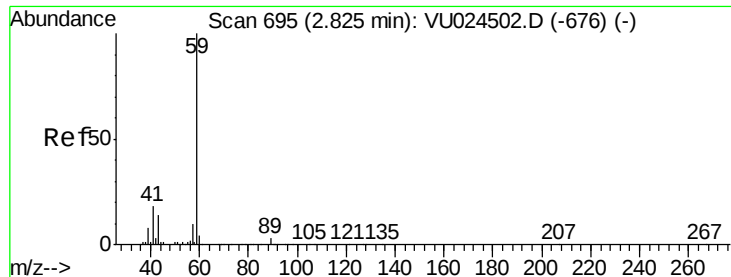


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

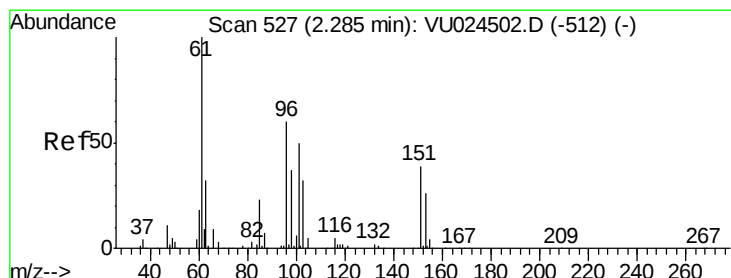
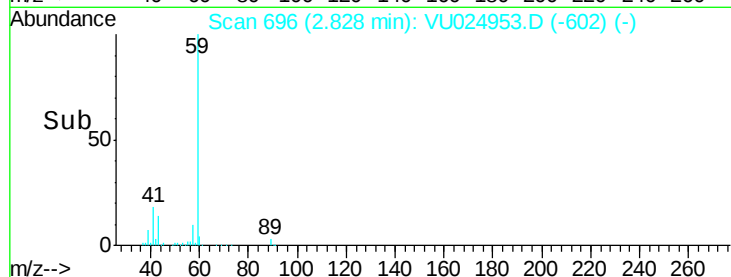
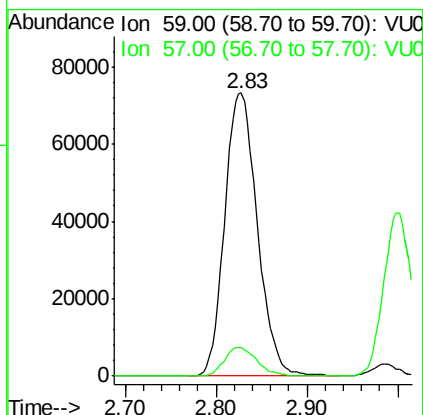
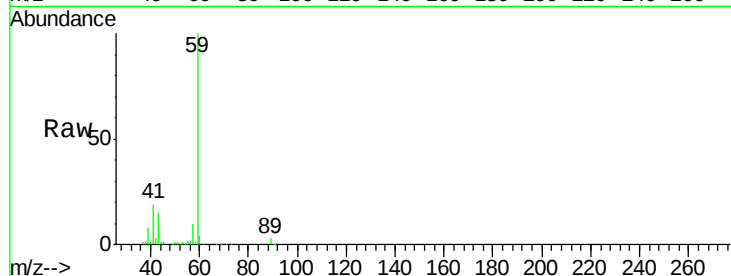




#11
Tert butyl alcohol
Concen: 227.139 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

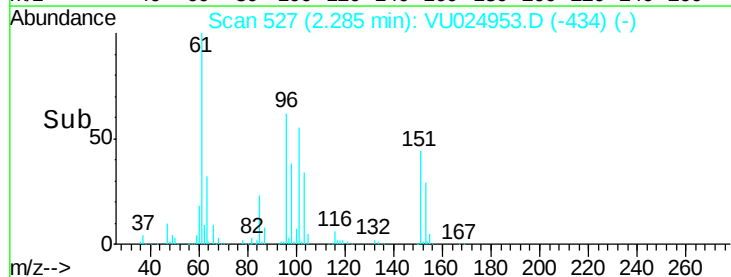
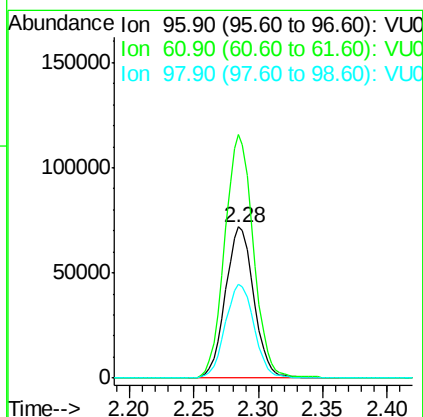
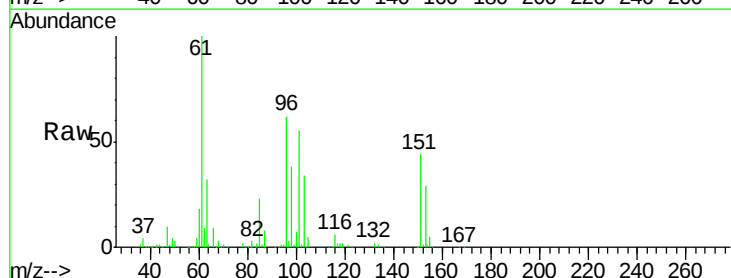
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

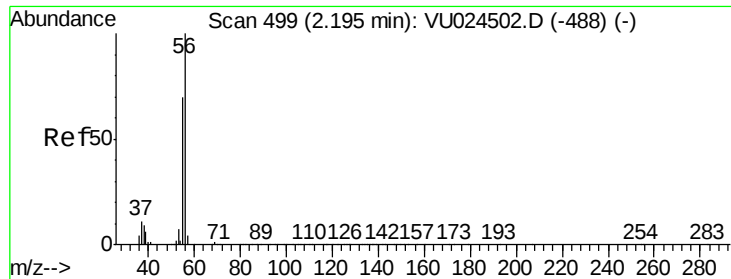
Tgt Ion: 59 Resp: 182419
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7



#12
1,1-Dichloroethene
Concen: 47.793 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

Tgt Ion: 96 Resp: 110076
Ion Ratio Lower Upper
96 100
61 161.3 141.7 212.5
98 62.1 51.6 77.4

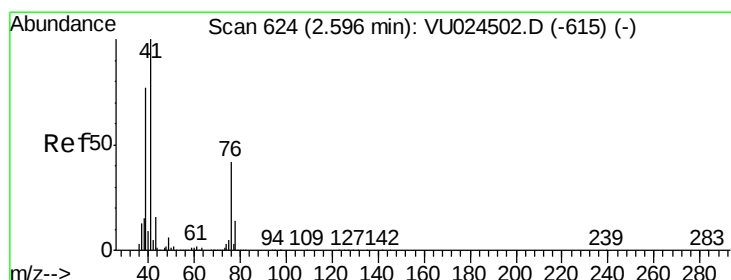
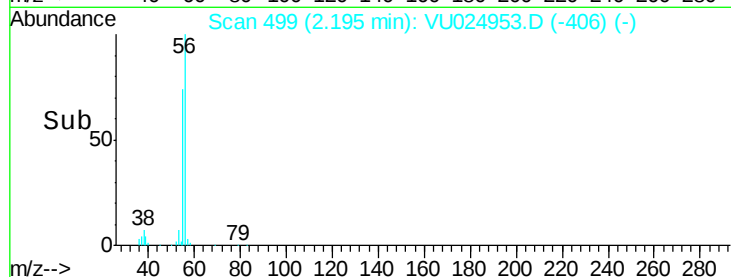
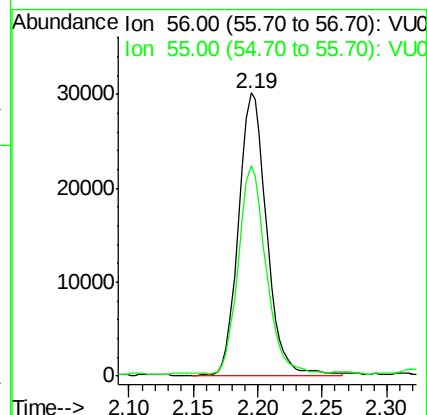
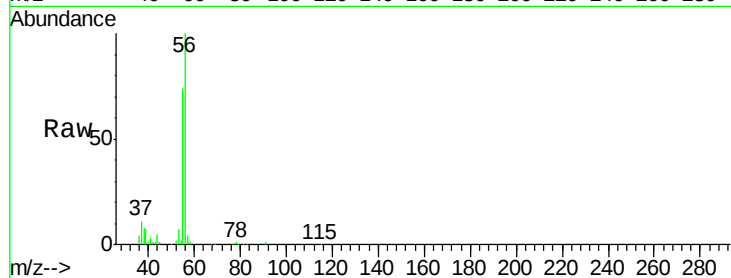




#13
Acrolein
Concen: 109.582 ug/l
RT: 2.19 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

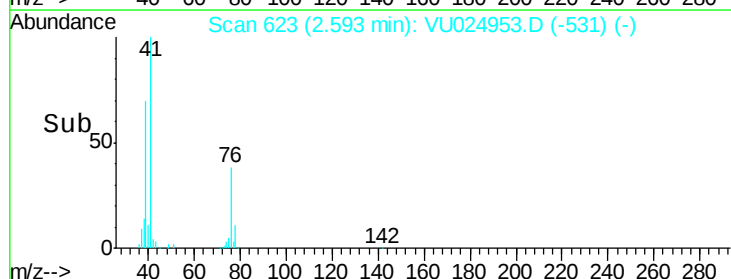
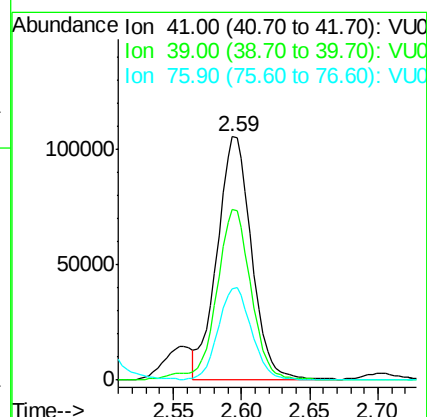
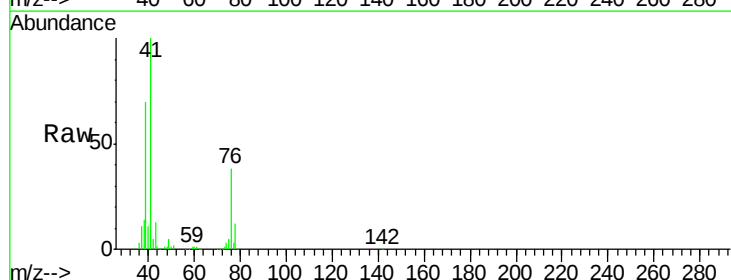
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

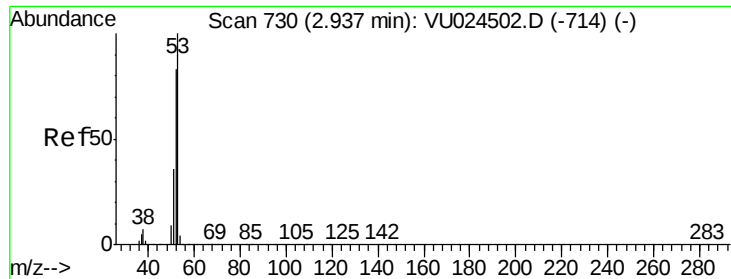
Tgt Ion: 56 Resp: 46215
Ion Ratio Lower Upper
56 100
55 71.5 58.4 87.6



#14
Allyl chloride
Concen: 43.062 ug/l
RT: 2.59 min Scan# 623
Delta R.T. -0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

Tgt Ion: 41 Resp: 184149
Ion Ratio Lower Upper
41 100
39 70.7 61.6 92.4
76 37.1 29.7 44.5





#15

Acrylonitrile

Concen: 238.162 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

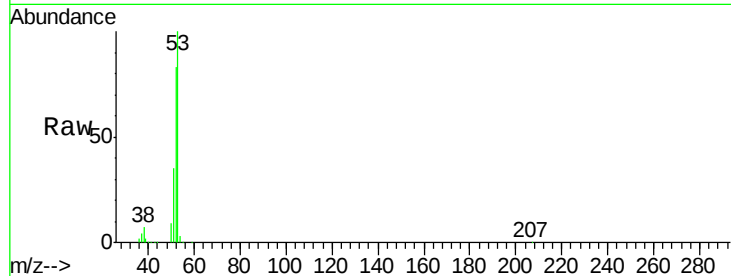
Tgt Ion: 53 Resp: 372142

Ion Ratio Lower Upper

53 100

52 83.1 67.1 100.7

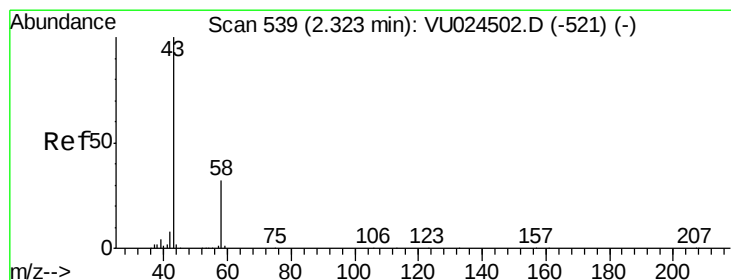
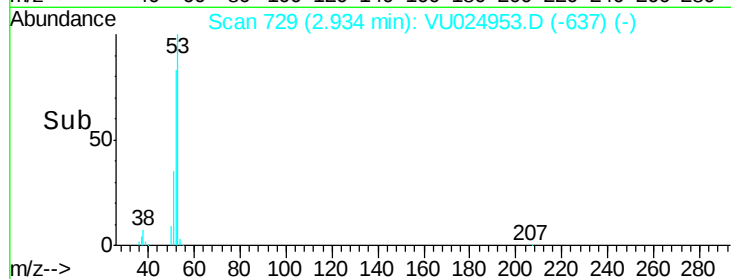
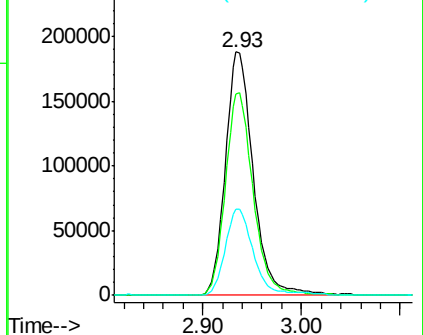
51 36.3 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 189.658 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024953.D

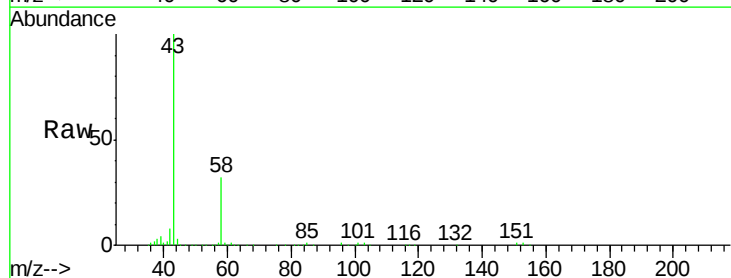
Acq: 27 Jun 2018 04:47

Tgt Ion: 43 Resp: 336501

Ion Ratio Lower Upper

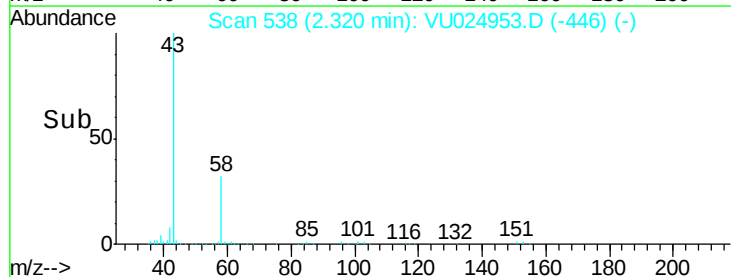
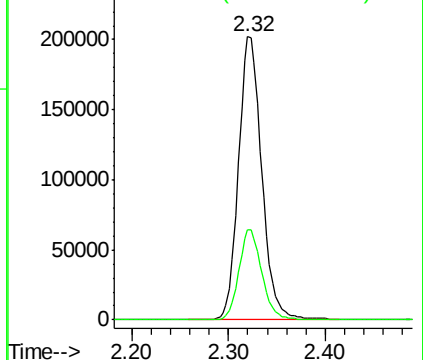
43 100

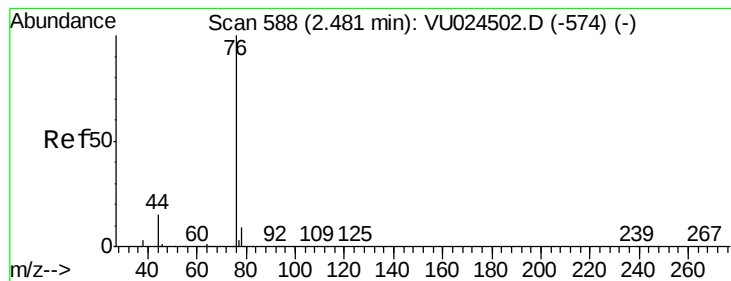
58 31.8 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 37.165 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

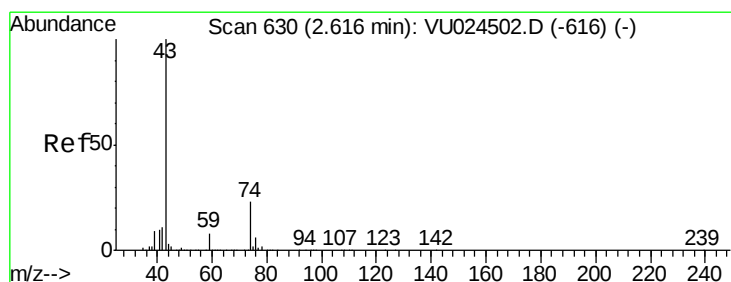
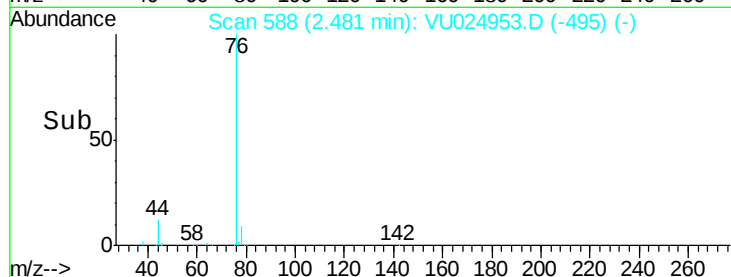
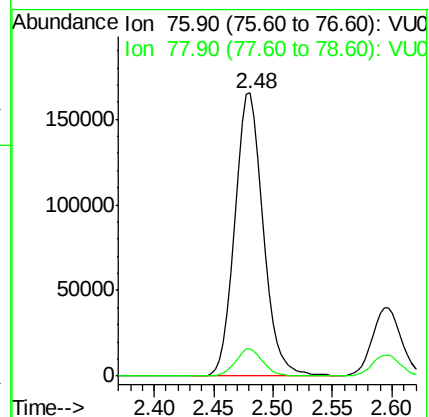
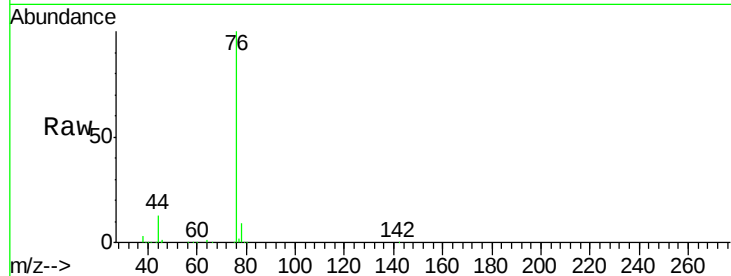
VSTDCCC050EC

Tgt Ion: 76 Resp: 274091

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7



#18

Methyl Acetate

Concen: 55.122 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024953.D

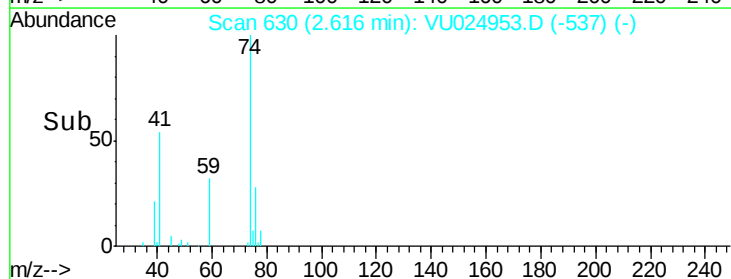
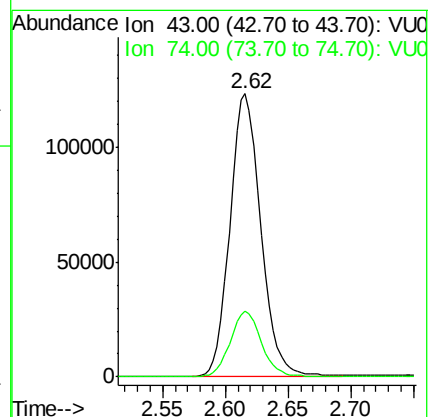
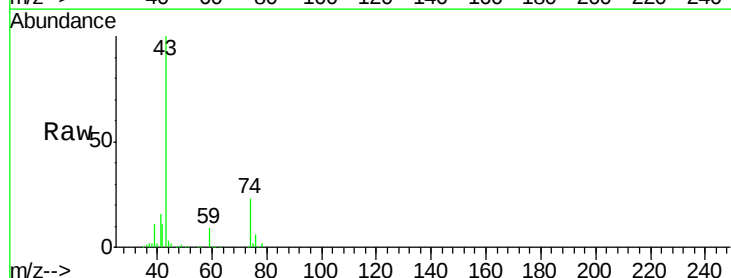
Acq: 27 Jun 2018 04:47

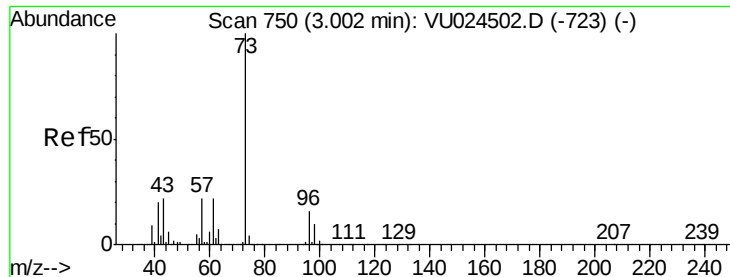
Tgt Ion: 43 Resp: 209665

Ion Ratio Lower Upper

43 100

74 23.6 18.0 27.0

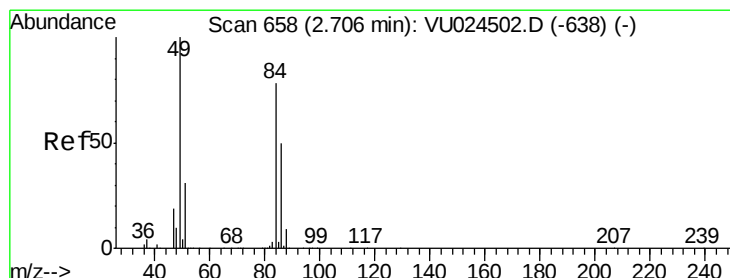
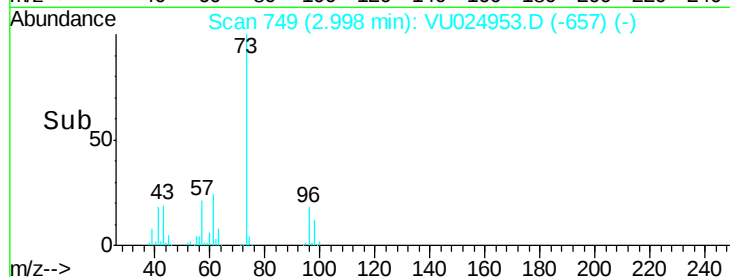
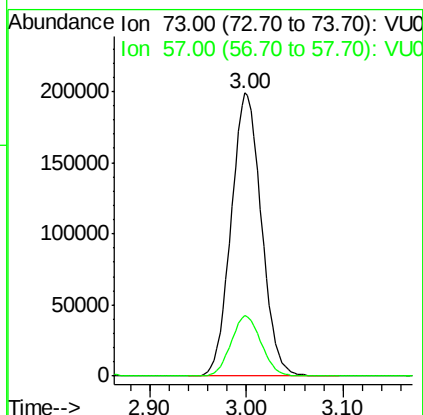
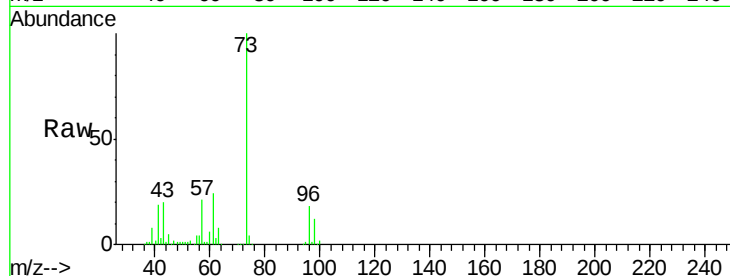




#19
Methyl tert-butyl Ether
Concen: 49.813 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

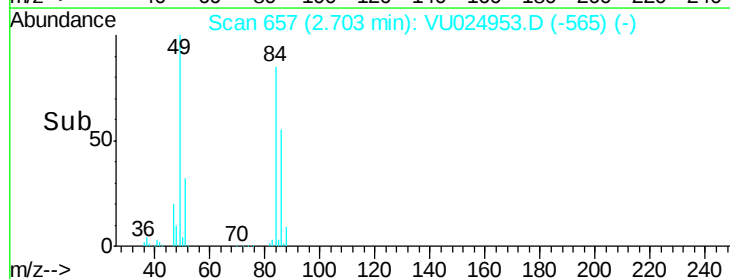
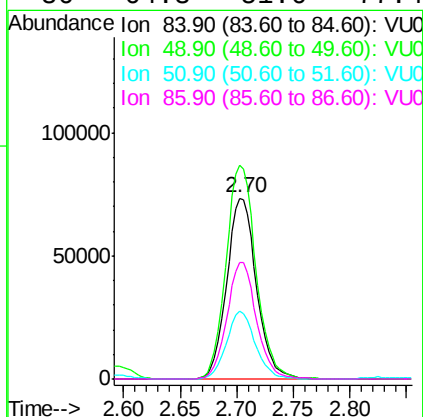
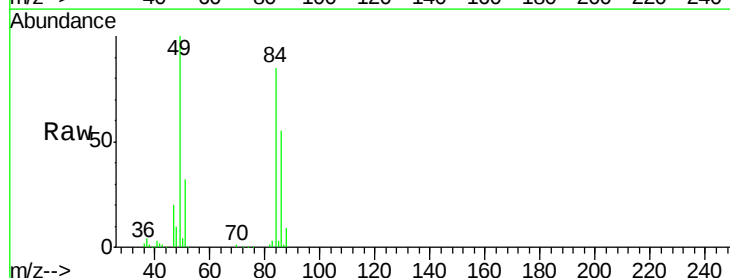
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

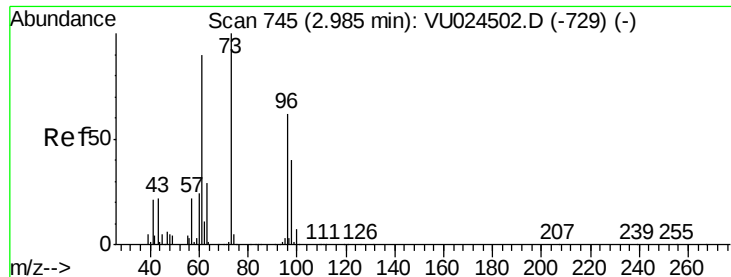
Tgt Ion: 73 Resp: 431263
Ion Ratio Lower Upper
73 100
57 21.3 18.8 28.2



#20
Methylene Chloride
Concen: 48.255 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

Tgt Ion: 84 Resp: 134339
Ion Ratio Lower Upper
84 100
49 118.0 103.8 155.8
51 37.5 32.0 48.0
86 64.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 45.601 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

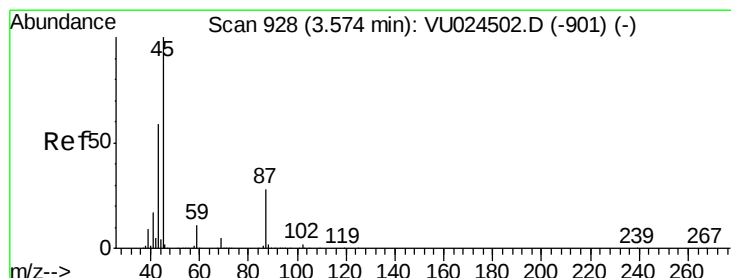
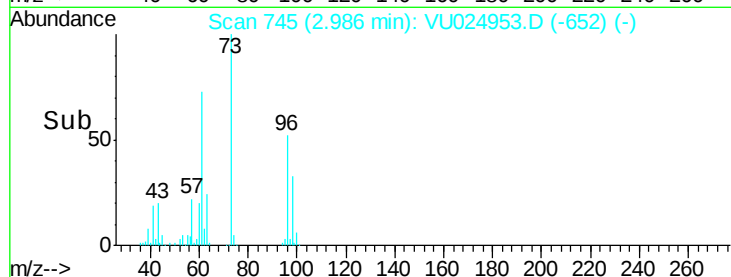
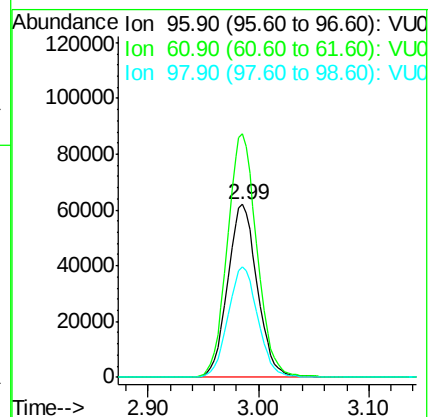
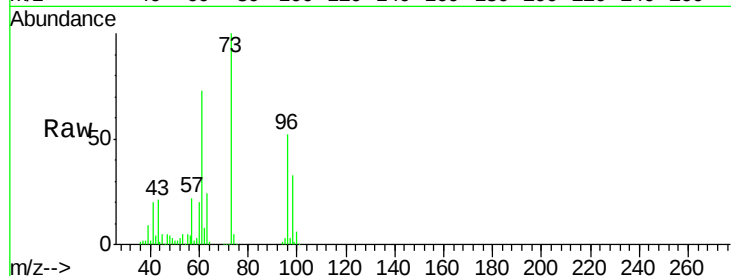
Tgt Ion: 96 Resp: 115676

Ion Ratio Lower Upper

96 100

61 140.7 119.4 179.0

98 63.8 51.1 76.7



#22

Diisopropyl ether

Concen: 47.658 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Tgt Ion: 45 Resp: 404016

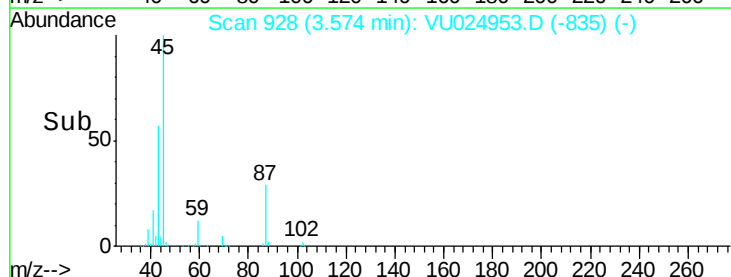
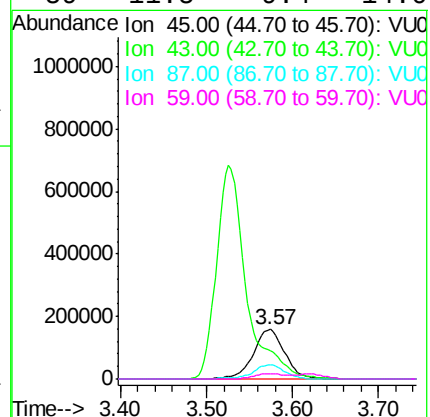
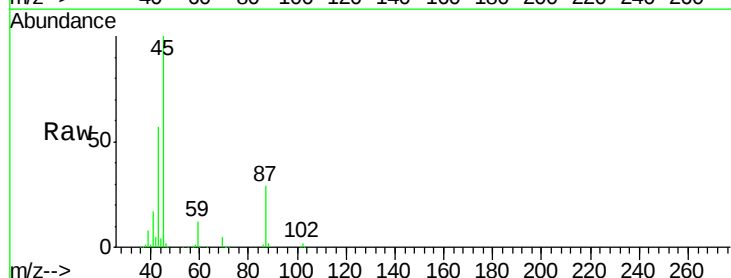
Ion Ratio Lower Upper

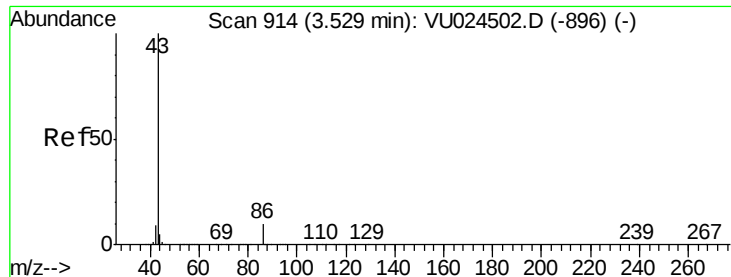
45 100

43 55.9 45.8 68.6

87 29.1 20.6 31.0

59 11.5 9.4 14.0





#23

Vinyl Acetate

Concen: 218.441 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

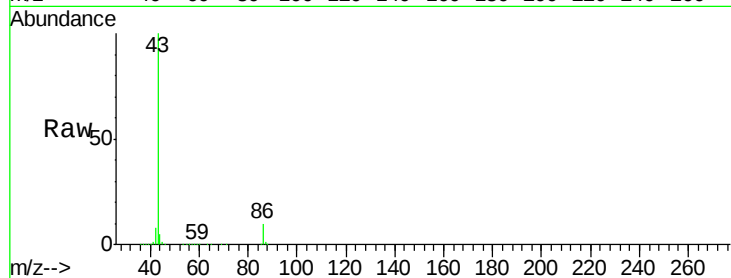
VSTDCCC050EC

Tgt Ion: 43 Resp: 1658827

Ion Ratio Lower Upper

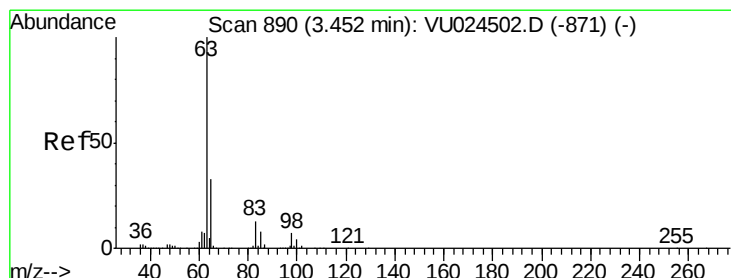
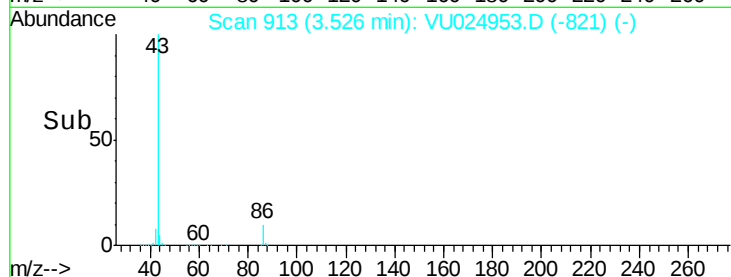
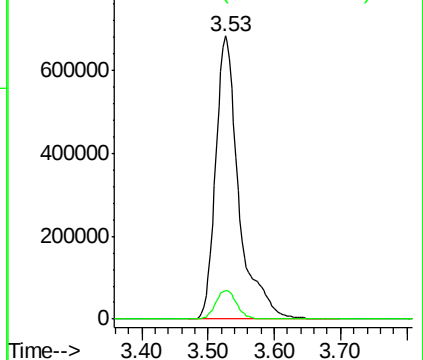
43 100

86 10.3 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: 47.503 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

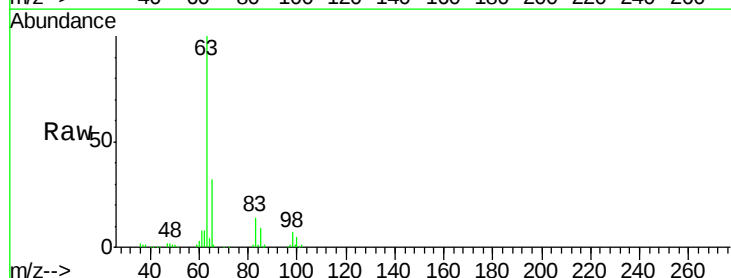
Tgt Ion: 63 Resp: 231659

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

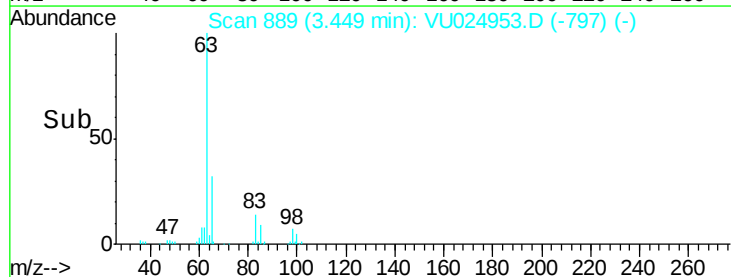
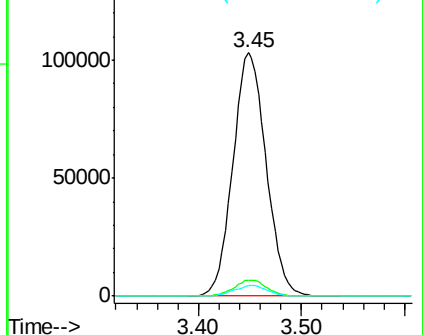
100 4.5 1.8 5.5

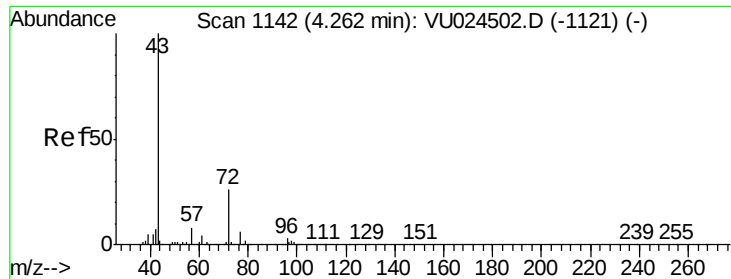


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

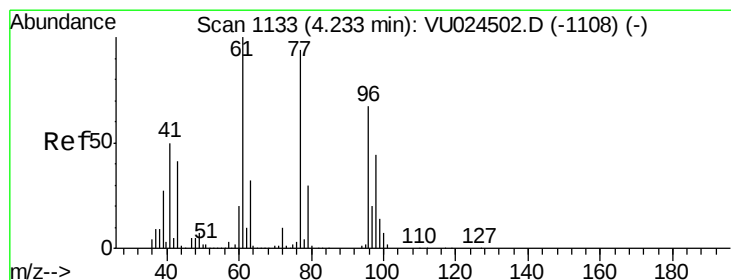
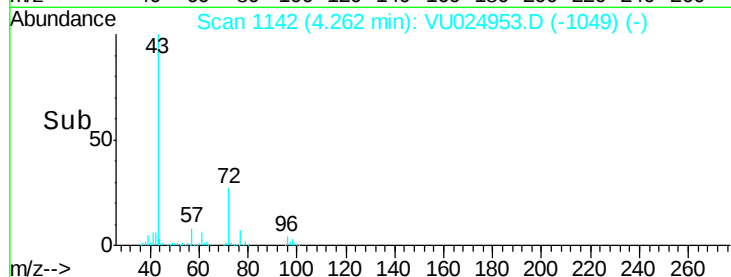
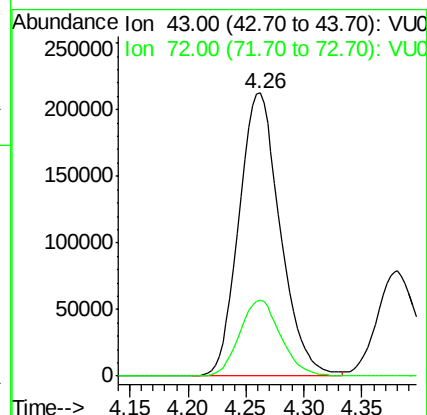
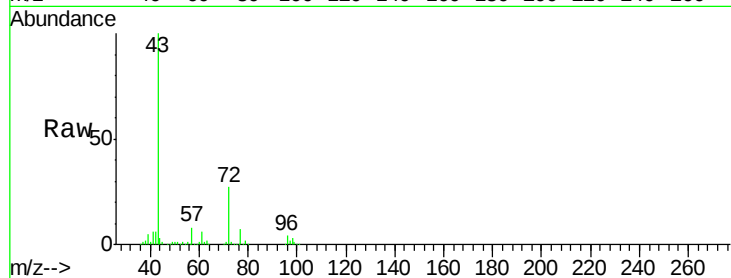




#25
2-Butanone
Concen: 219.222 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

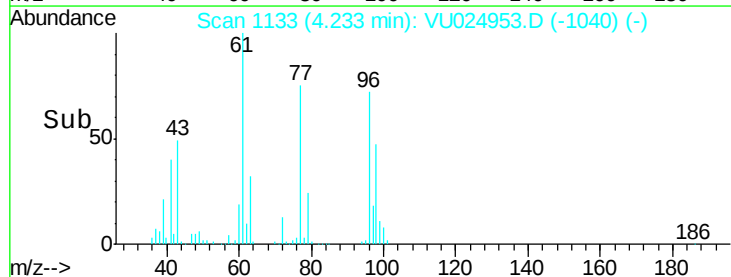
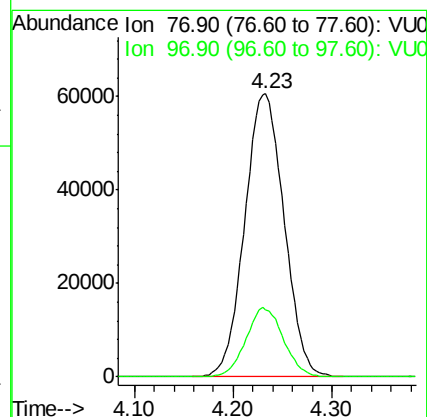
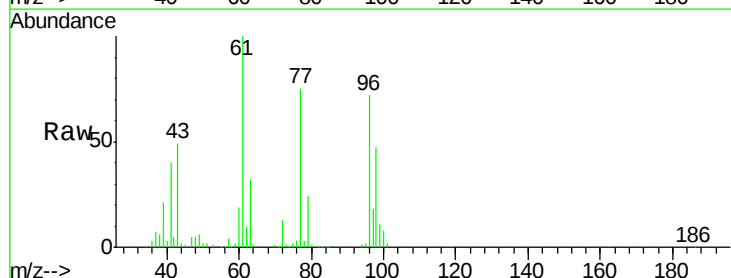
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

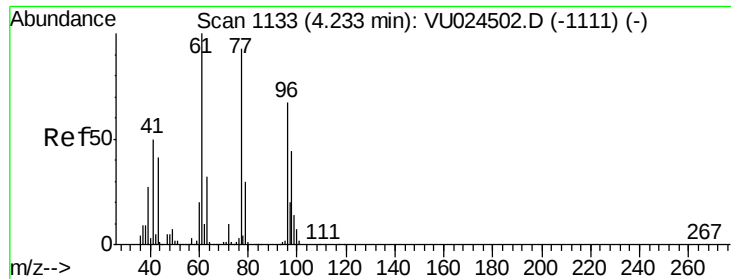
Tgt Ion: 43 Resp: 522455
Ion Ratio Lower Upper
43 100
72 27.0 19.6 29.4



#26
2,2-Dichloropropane
Concen: 36.125 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

Tgt Ion: 77 Resp: 167284
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.8

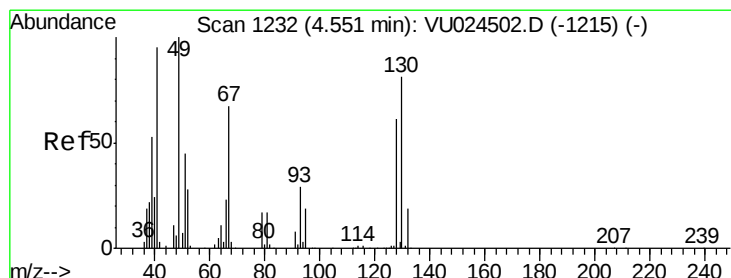
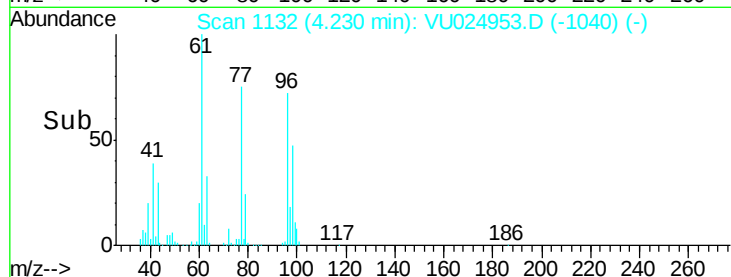
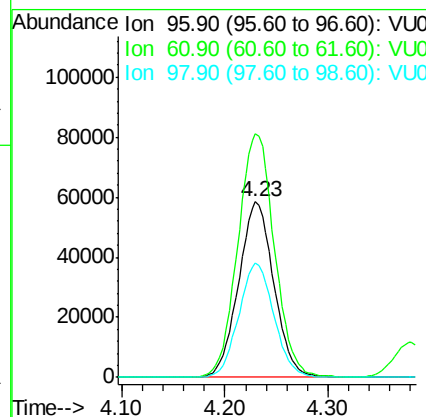
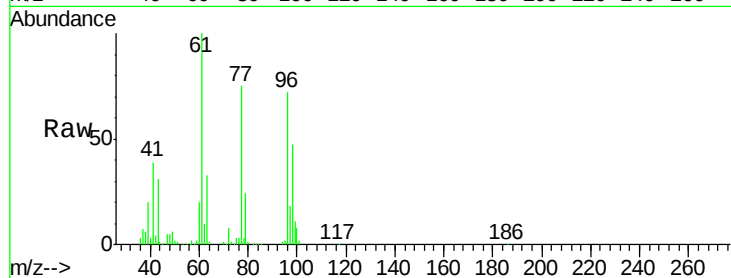




#27
 cis-1,2-Dichloroethene
 Concen: 47.727 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

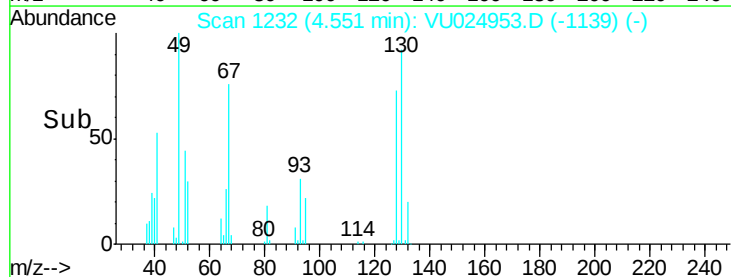
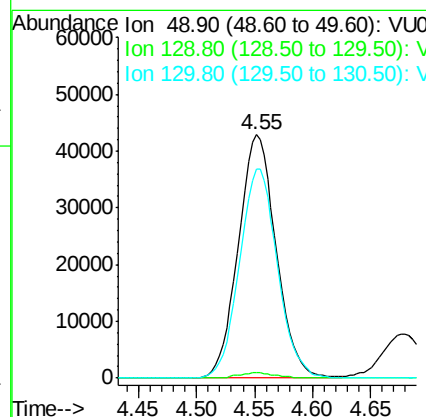
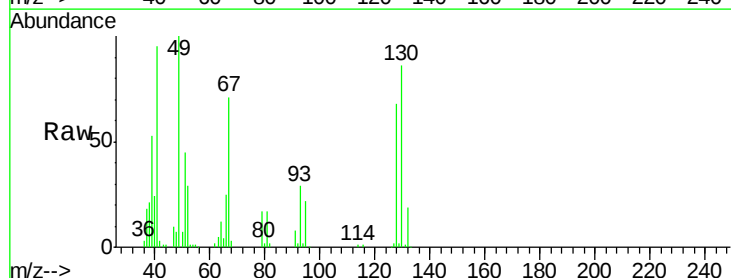
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

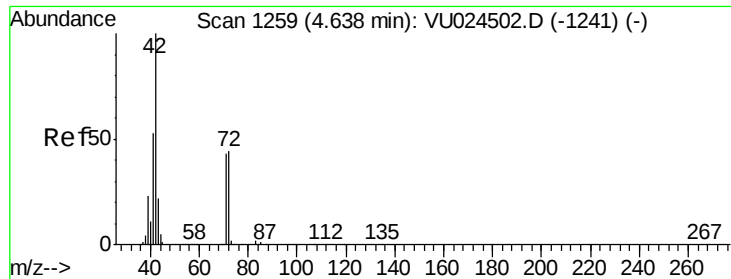
Tgt Ion: 96 Resp: 139189
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 306.6
 98 64.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 45.303 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

Tgt Ion: 49 Resp: 97314
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 86.5 57.8 86.6

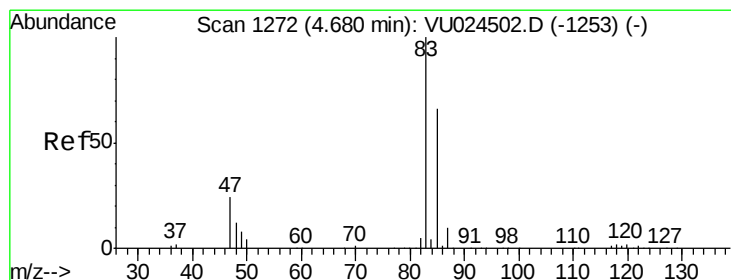
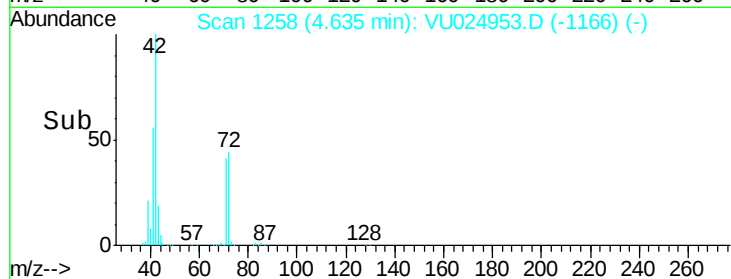
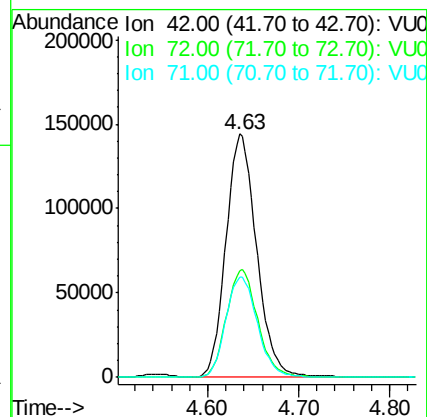
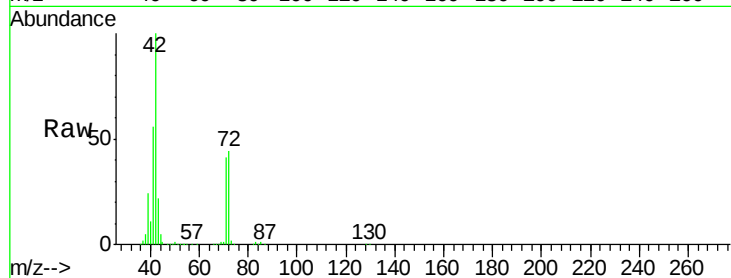




#29
Tetrahydrofuran
Concen: 227.670 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

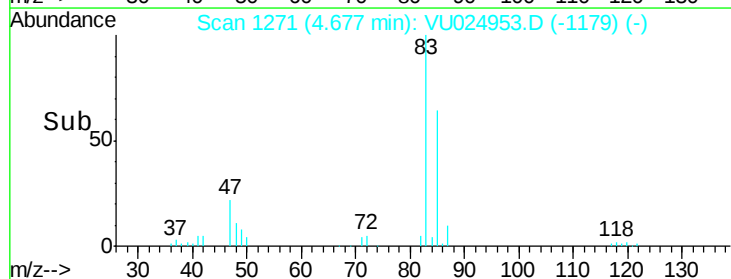
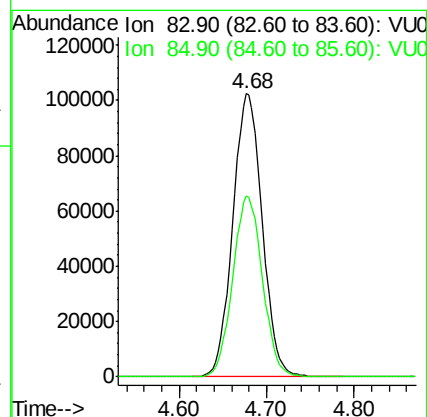
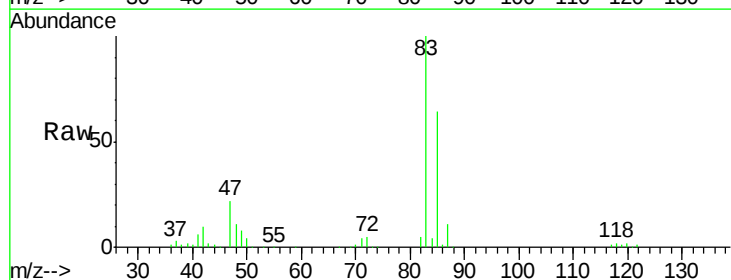
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

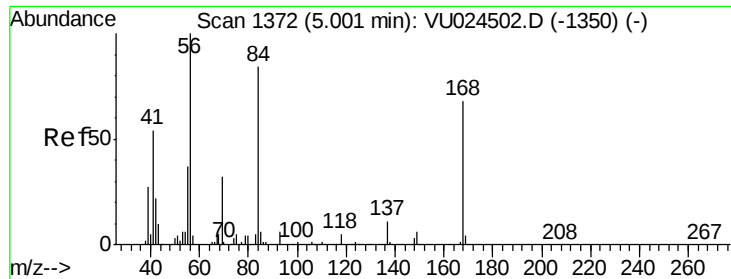
Tgt Ion: 42 Resp: 336007
Ion Ratio Lower Upper
42 100
72 45.7 34.5 51.7
71 42.8 32.2 48.4



#30
Chloroform
Concen: 48.473 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

Tgt Ion: 83 Resp: 239268
Ion Ratio Lower Upper
83 100
85 64.1 52.4 78.6

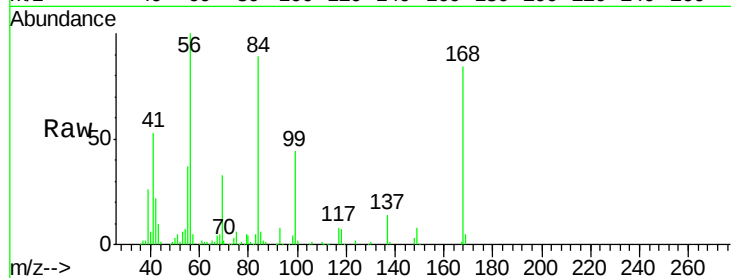




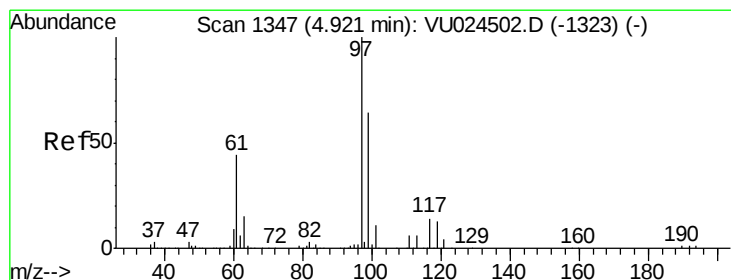
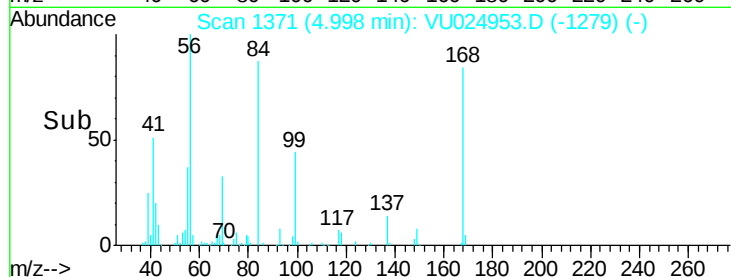
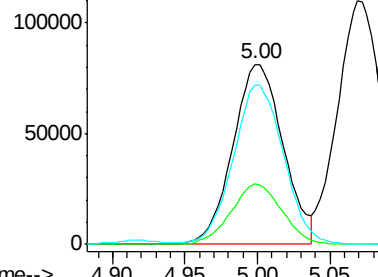
#31
Cyclohexane
Concen: 45.108 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 196185
Ion Ratio Lower Upper
56 100
69 33.5 24.8 37.2
84 87.4 65.2 97.8

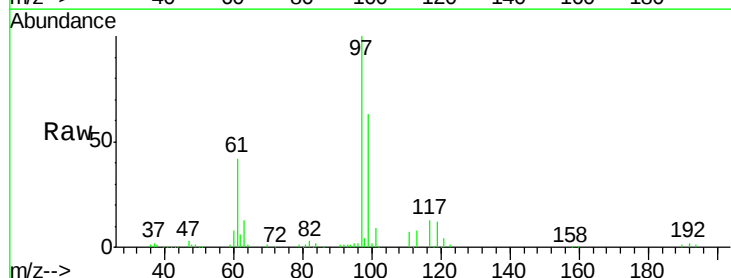


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

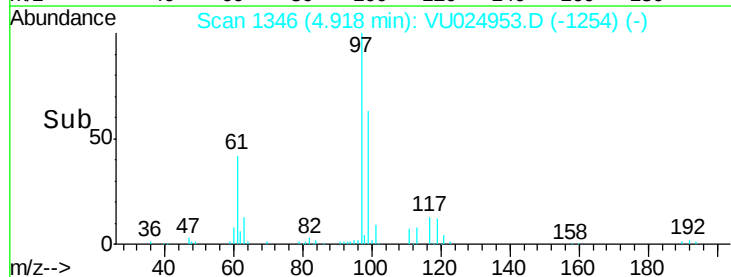
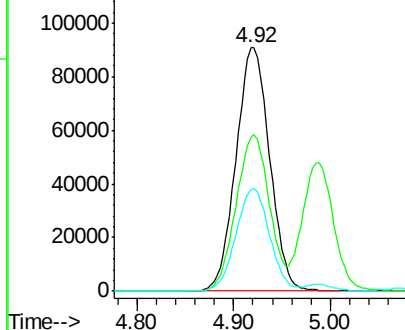


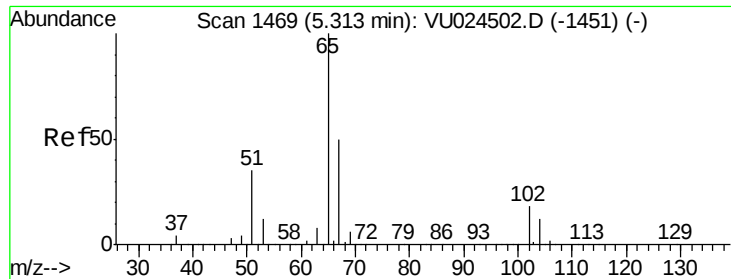
#32
1,1,1-Trichloroethane
Concen: 48.164 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

Tgt Ion: 97 Resp: 219846
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.6
61 42.0 39.4 59.0



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 43.406 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

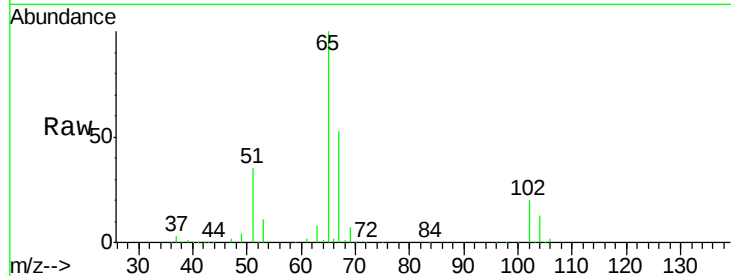
VSTDCCC050EC

Tgt Ion: 65 Resp: 143334

Ion Ratio Lower Upper

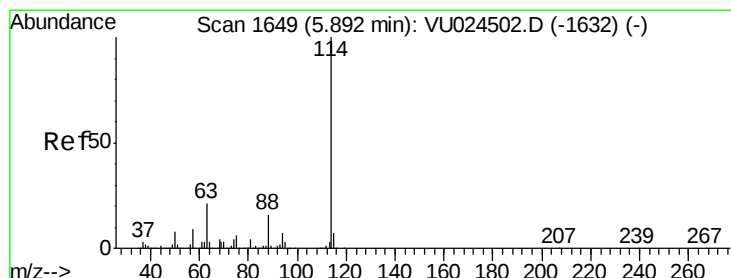
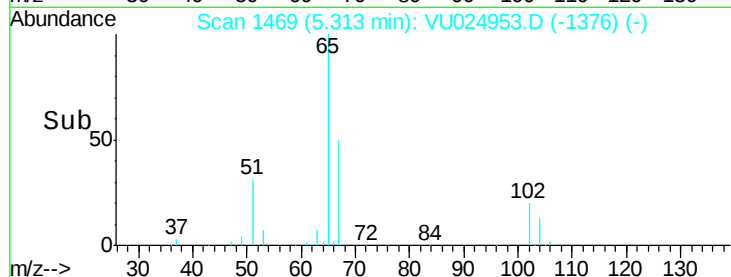
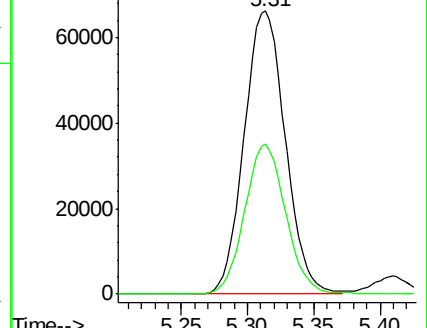
65 100

67 52.7 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024953.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024953.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

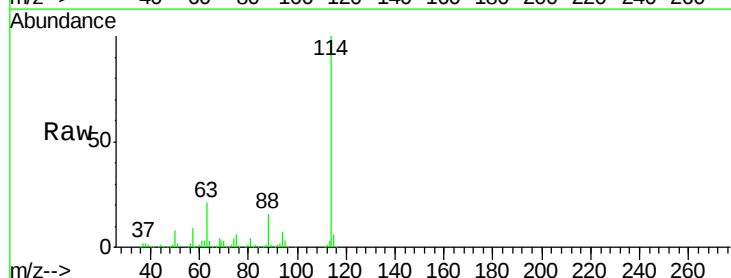
Tgt Ion: 114 Resp: 302263

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.4

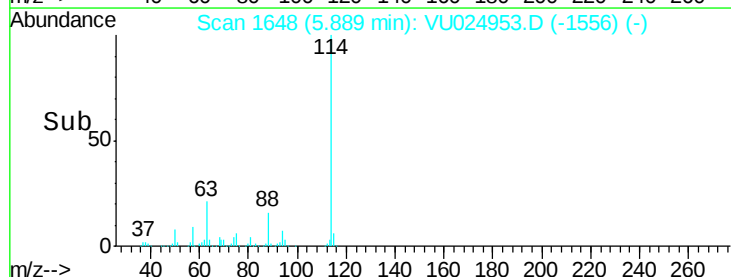
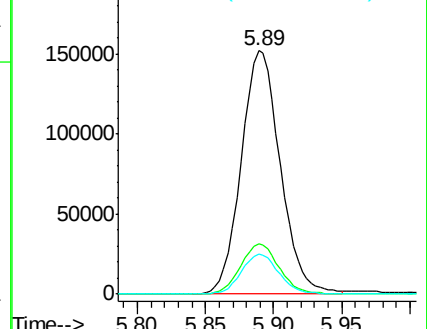
88 16.4 0.0 31.0

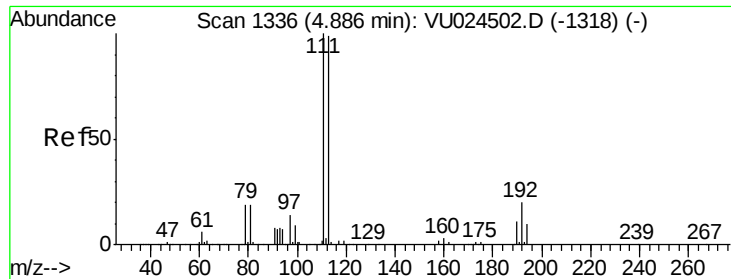


Abundance Ion 113.90 (113.60 to 114.60): VU024953.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU024953.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU024953.D (-1556) (-)

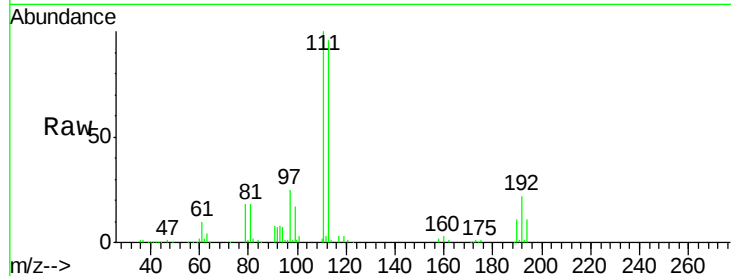




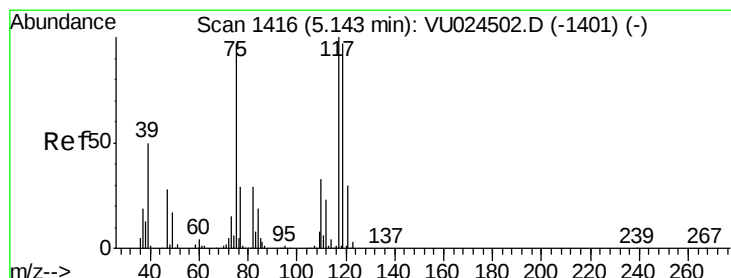
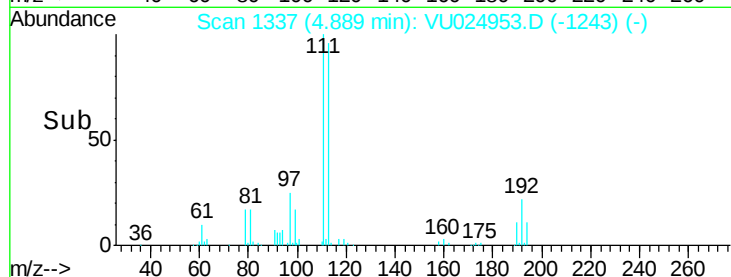
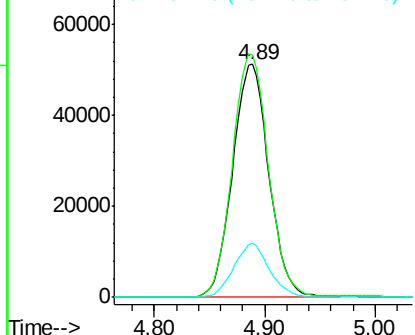
#35
 Dibromofluoromethane
 Concen: 46.521 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 116701
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.2 123.4
 192 22.6 16.2 24.4

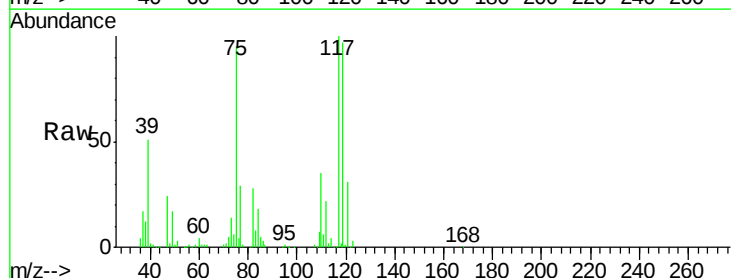


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

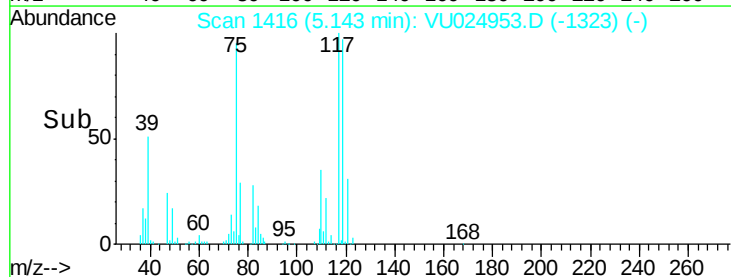
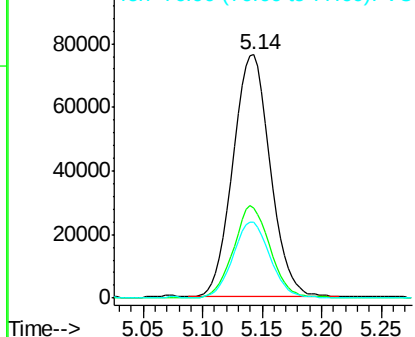


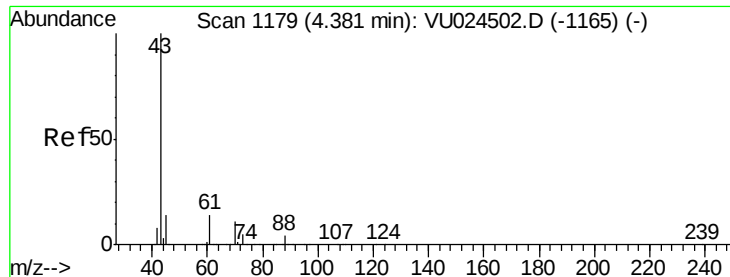
#36
 1,1-Dichloropropene
 Concen: 46.570 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

Tgt Ion: 75 Resp: 165407
 Ion Ratio Lower Upper
 75 100
 110 37.6 17.0 50.9
 77 30.7 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

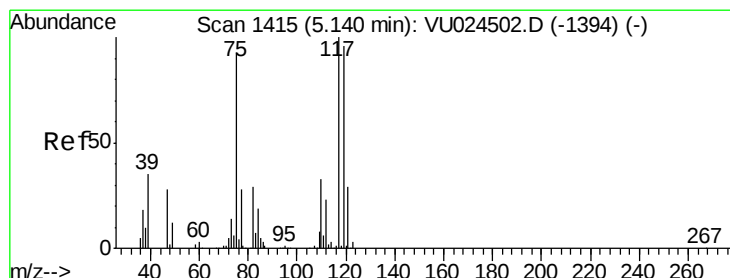
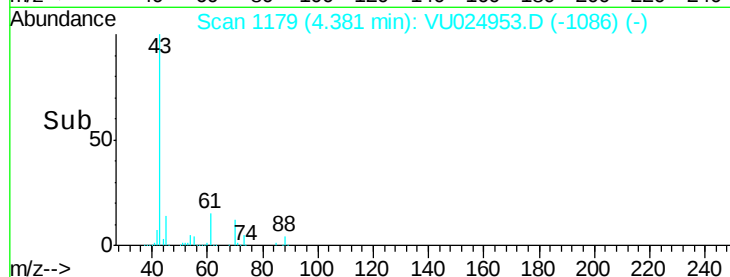
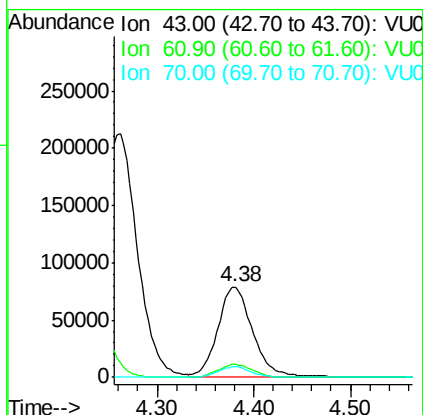
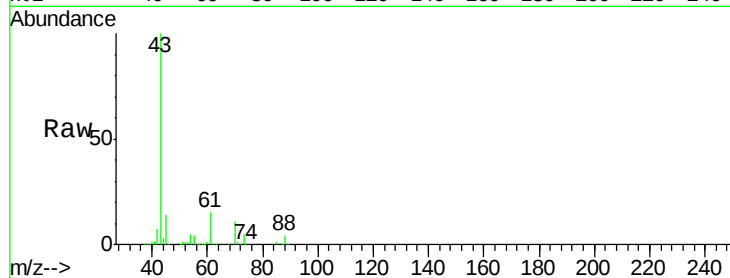




#37
 Ethyl Acetate
 Concen: 49.984 ug/l
 RT: 4.38 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

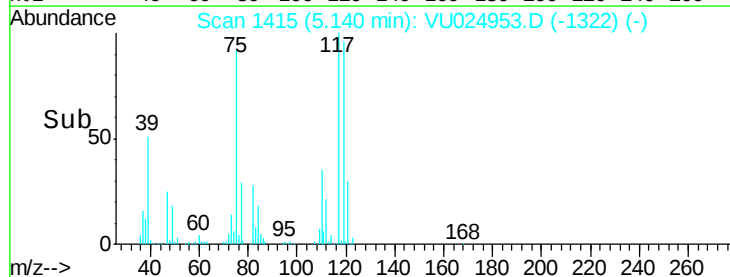
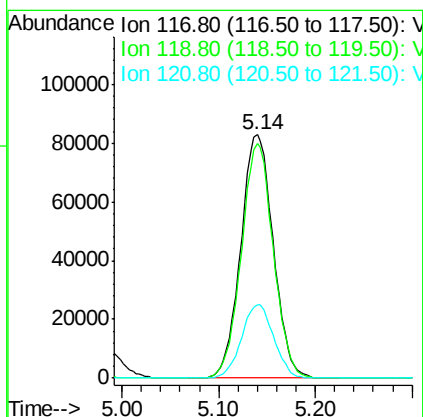
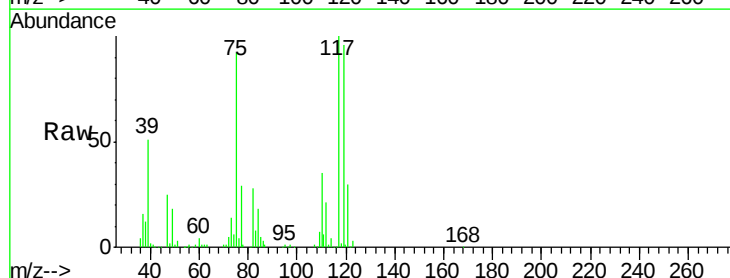
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

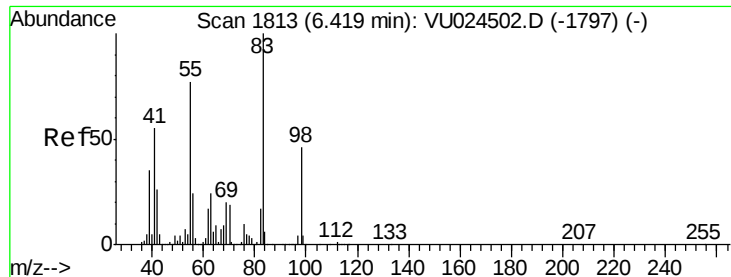
Tgt Ion: 43 Resp: 193501
 Ion Ratio Lower Upper
 43 100
 61 14.1 10.5 15.7
 70 11.2 7.4 11.2#



#38
 Carbon Tetrachloride
 Concen: 49.484 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

Tgt Ion: 117 Resp: 193274
 Ion Ratio Lower Upper
 117 100
 119 96.3 76.1 114.1
 121 30.3 23.7 35.5

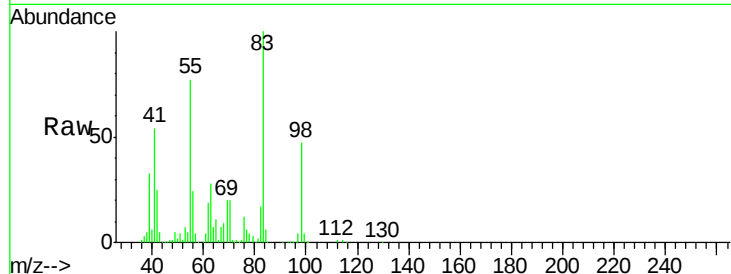




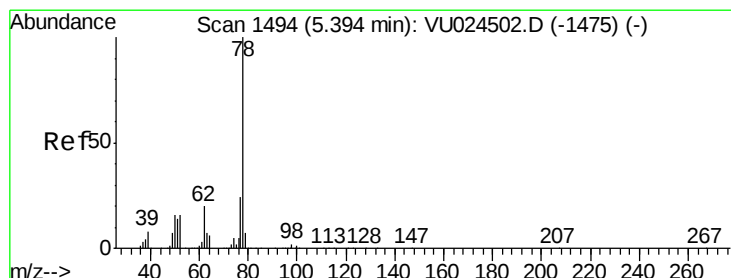
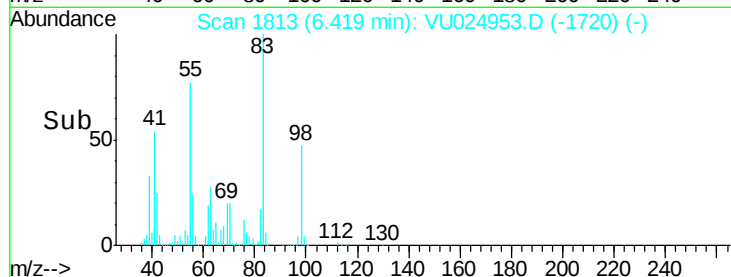
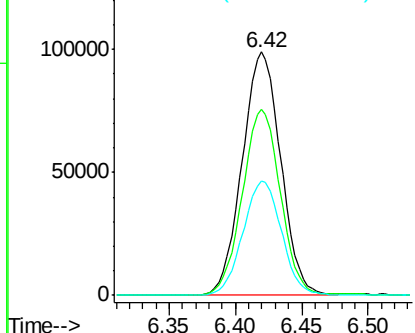
#39
Methylcyclohexane
Concen: 45.270 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 200656
Ion Ratio Lower Upper
83 100
55 76.5 65.8 98.6
98 47.1 36.7 55.1

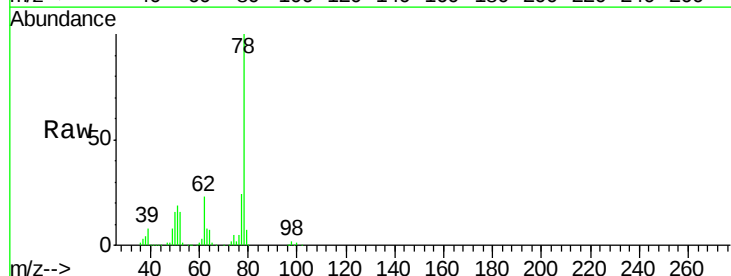


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

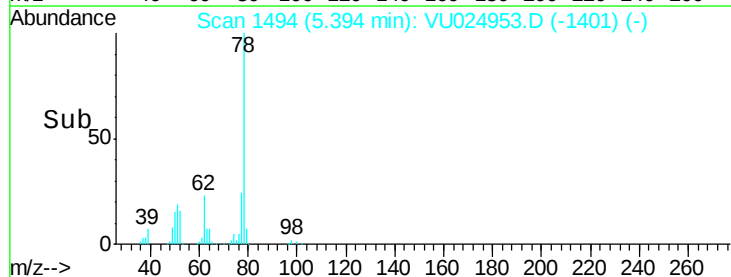
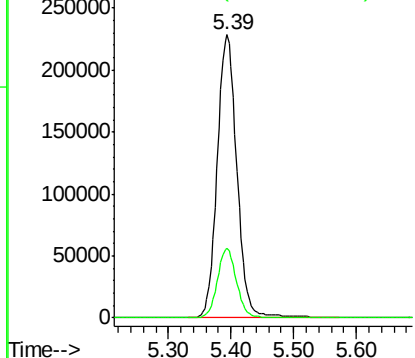


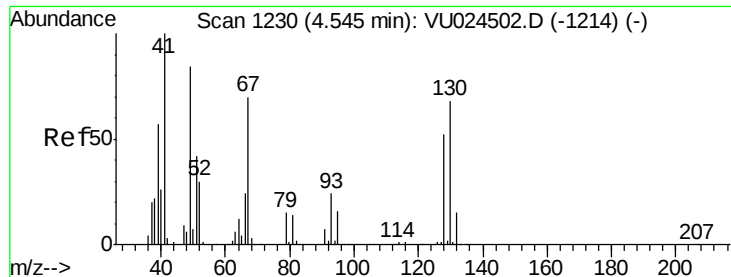
#40
Benzene
Concen: 49.346 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

Tgt Ion: 78 Resp: 499424
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#41

Methacrylonitrile

Concen: 52.026 ug/l

RT: 4.54 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 108590

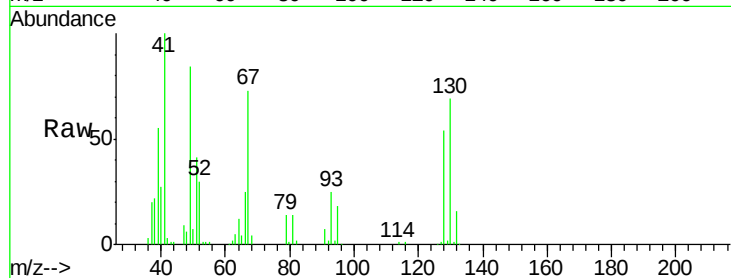
Ion Ratio Lower Upper

41 100

39 55.4 43.8 65.6

67 72.8 56.3 84.5

52 30.6 23.2 34.8

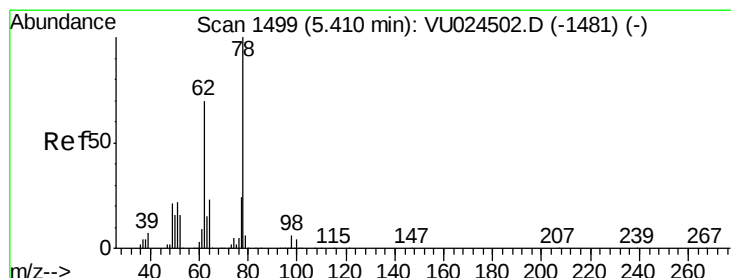
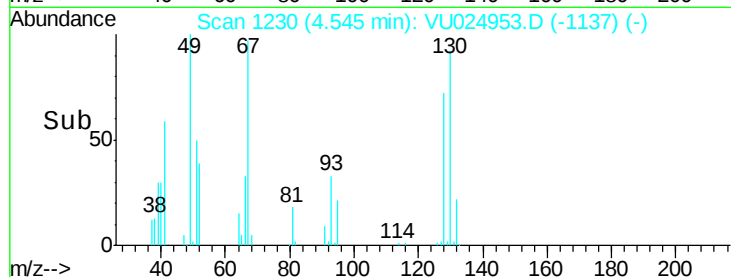
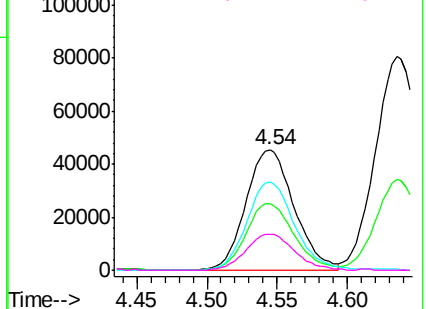


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 50.568 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU024953.D

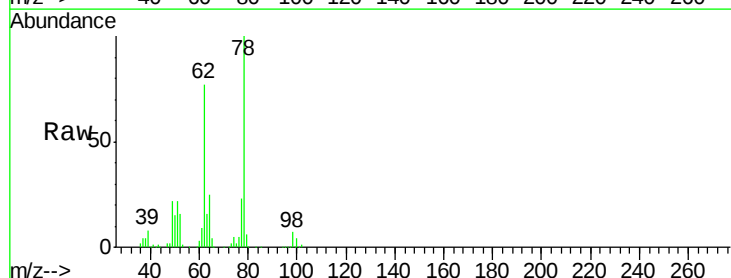
Acq: 27 Jun 2018 04:47

Tgt Ion: 62 Resp: 194920

Ion Ratio Lower Upper

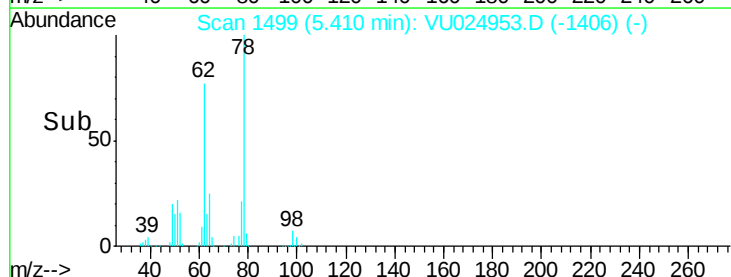
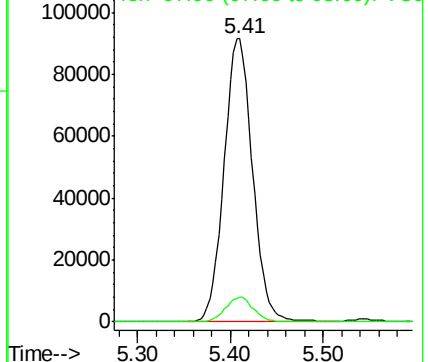
62 100

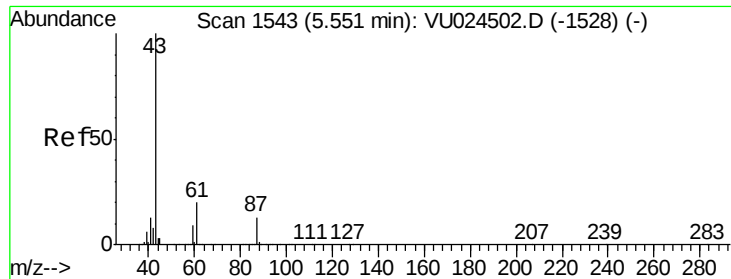
98 8.6 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 46.447 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

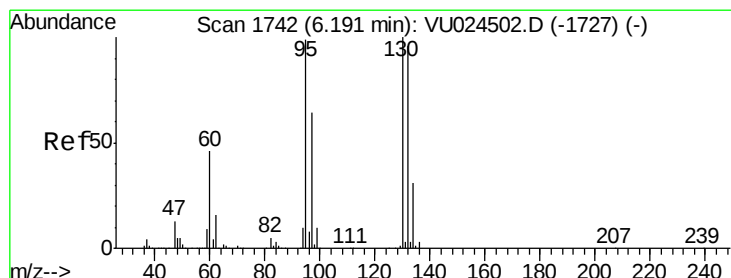
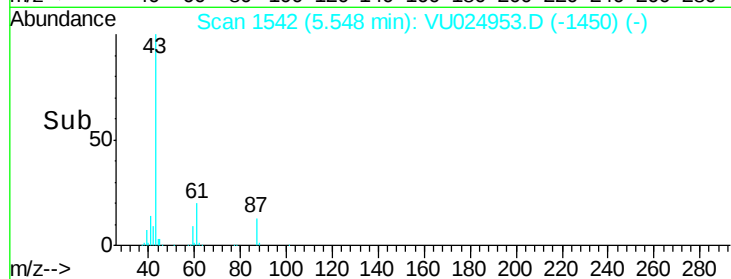
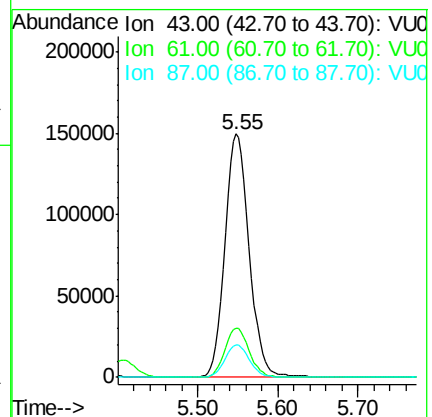
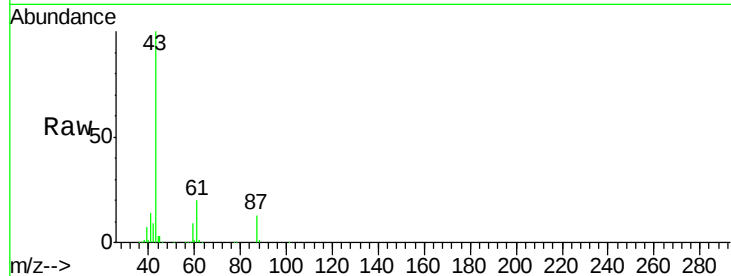
Tgt Ion: 43 Resp: 310805

Ion Ratio Lower Upper

43 100

61 20.5 15.4 23.0

87 13.5 10.0 15.0



#44

Trichloroethene

Concen: 48.611 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU024953.D

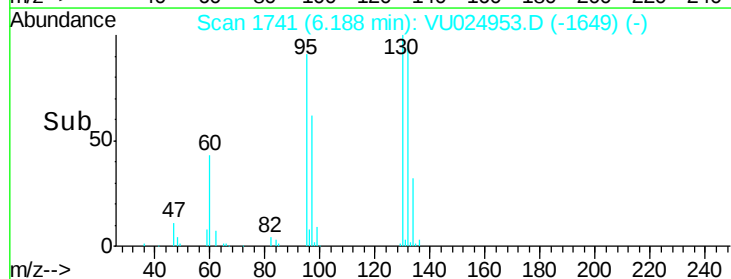
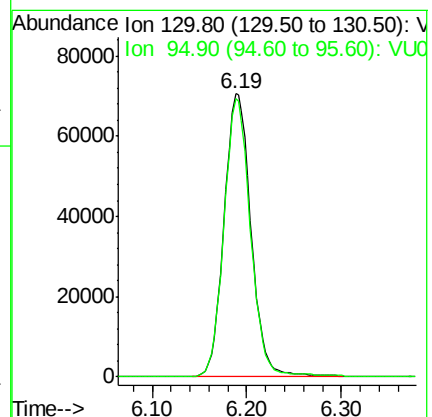
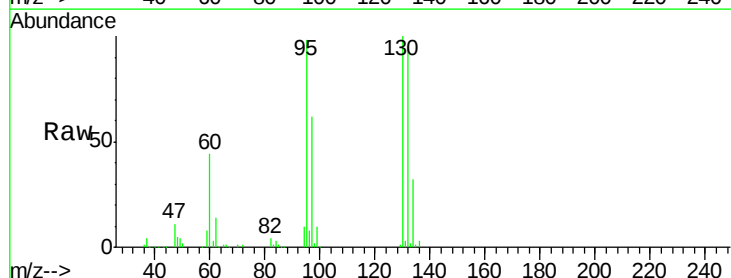
Acq: 27 Jun 2018 04:47

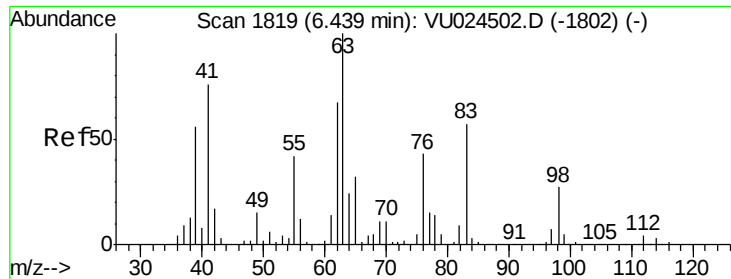
Tgt Ion: 130 Resp: 140016

Ion Ratio Lower Upper

130 100

95 98.3 0.0 202.4

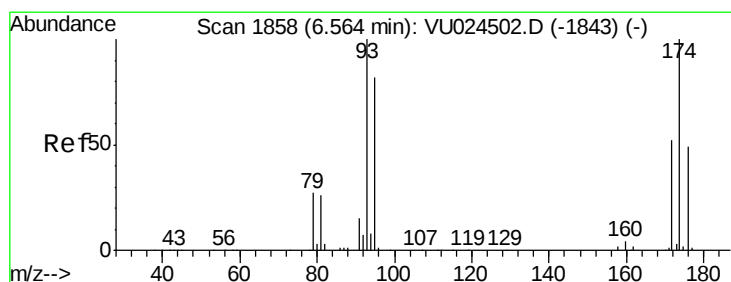
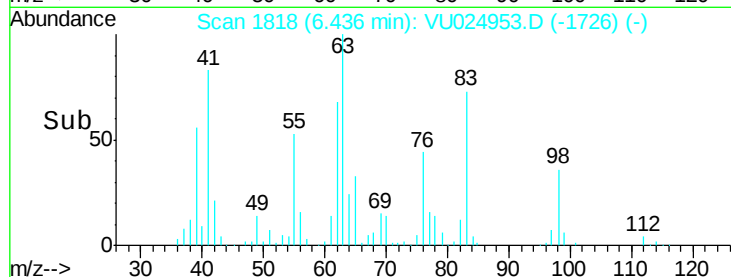
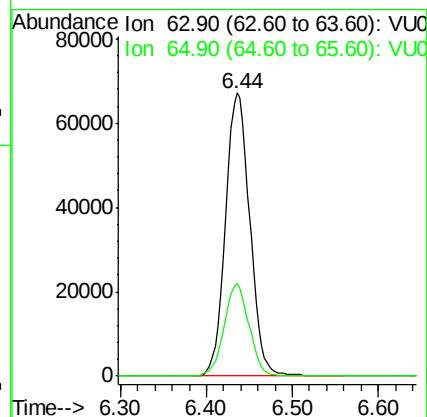
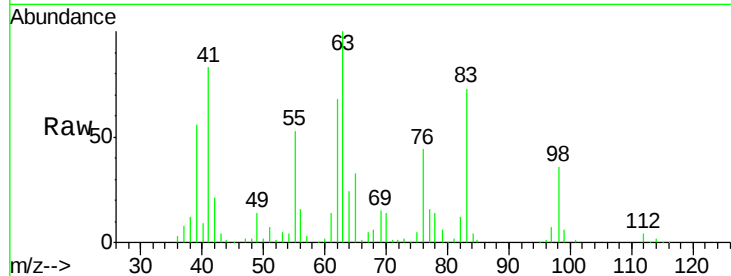




#45
 1,2-Dichloropropane
 Concen: 49.039 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

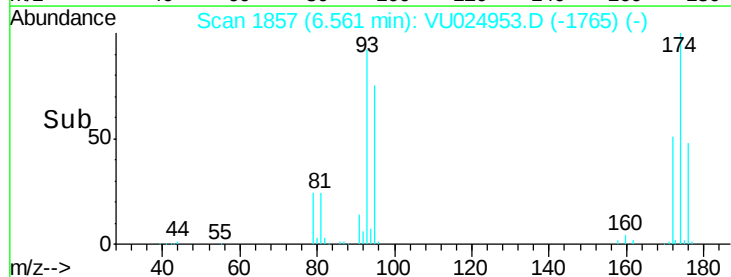
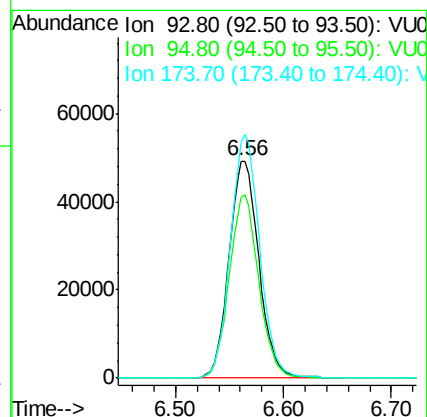
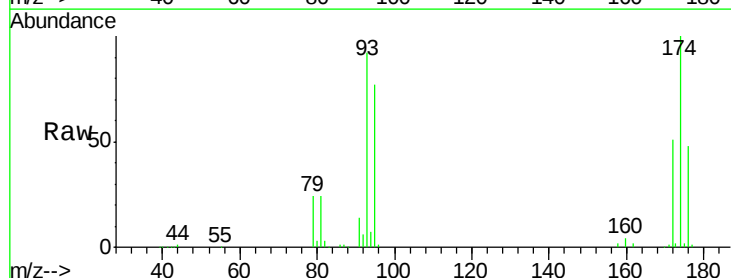
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

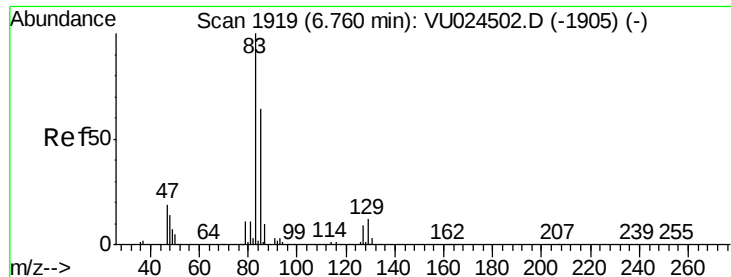
Tgt Ion: 63 Resp: 132428
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.8 37.2



#46
 Dibromomethane
 Concen: 50.115 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

Tgt Ion: 93 Resp: 95059
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.5 98.3
 174 109.9 78.7 118.1





#47

Bromodichloromethane

Concen: 47.938 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

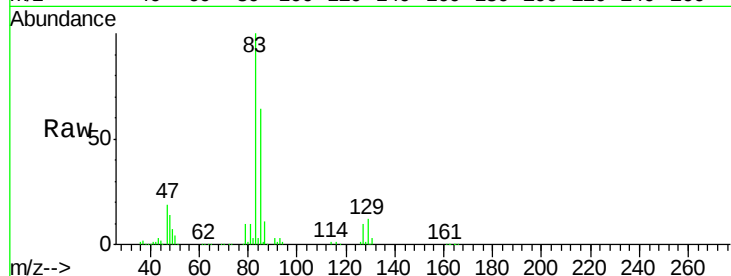
Tgt Ion: 83 Resp: 181069

Ion Ratio Lower Upper

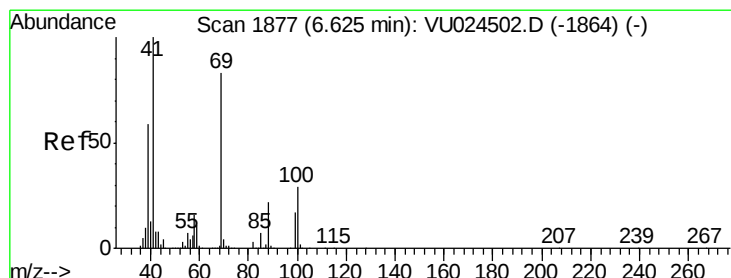
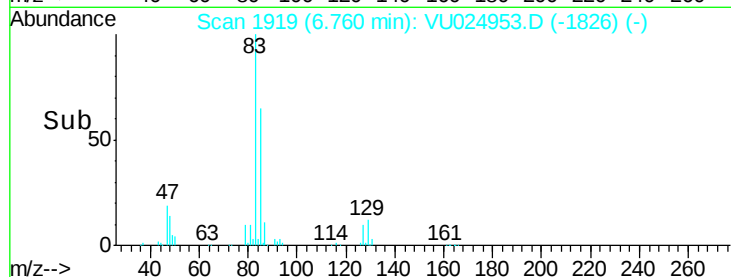
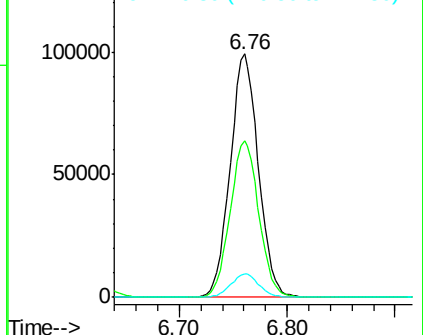
83 100

85 64.2 51.9 77.9

127 9.6 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.464 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

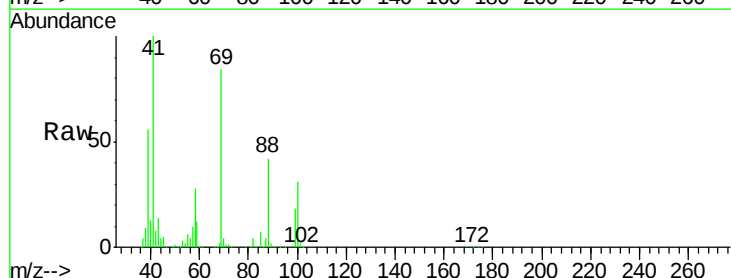
Tgt Ion: 41 Resp: 157914

Ion Ratio Lower Upper

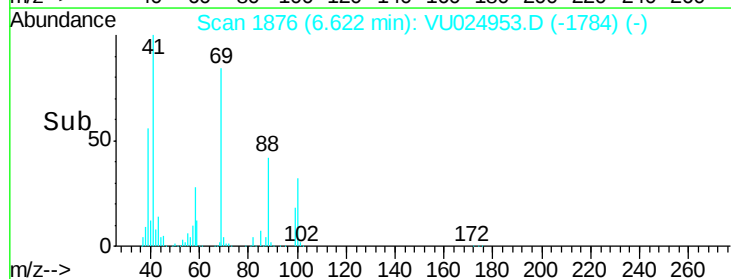
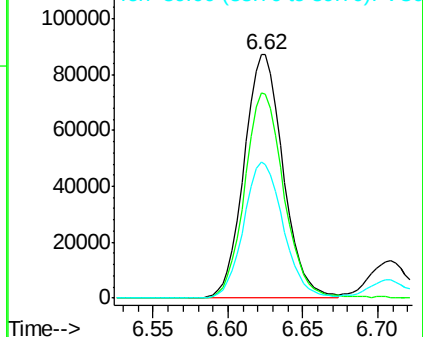
41 100

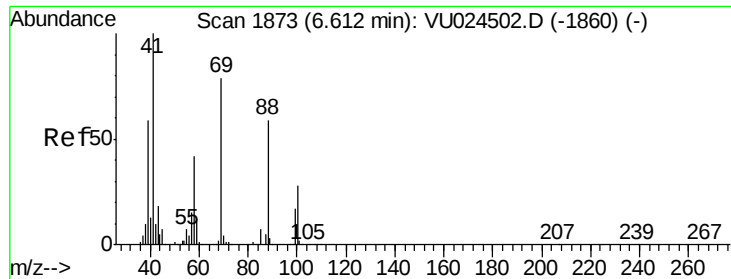
69 84.5 67.3 100.9

39 56.0 46.5 69.7



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





#49

1,4-Dioxane

Concen: 1201.573 ug/l

RT: 6.62 min Scan# 1875

Delta R.T. 0.01 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

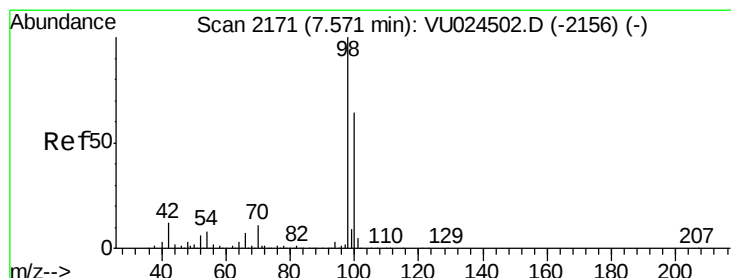
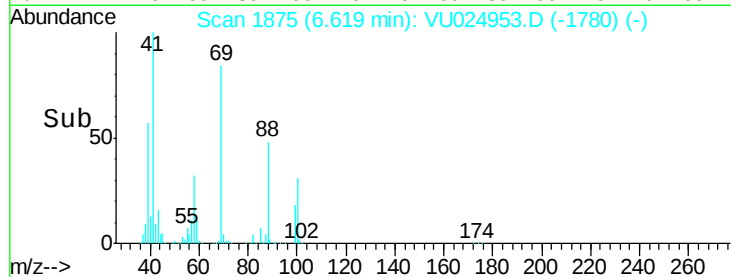
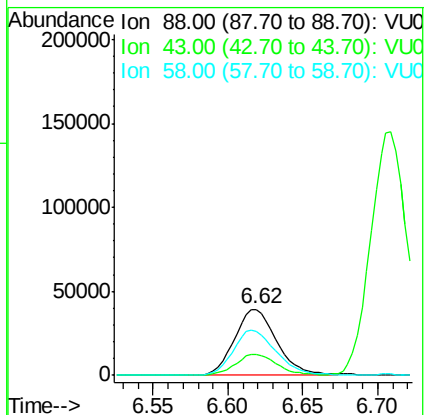
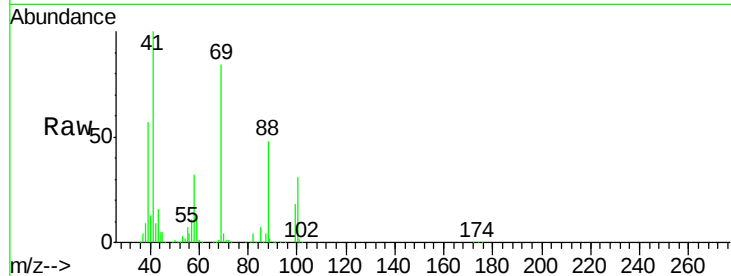
Tgt Ion: 88 Resp: 76567

Ion Ratio Lower Upper

88 100

43 30.9 28.6 42.8

58 71.0 58.2 87.4



#50

Toluene-d8

Concen: 44.064 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024953.D

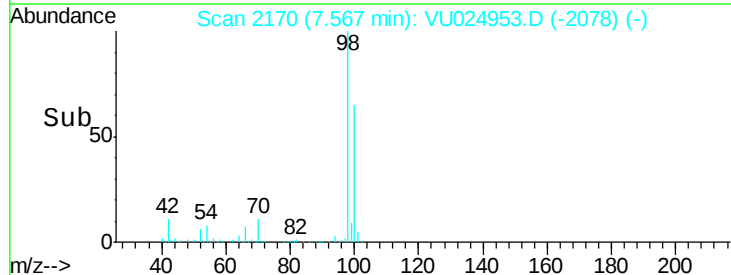
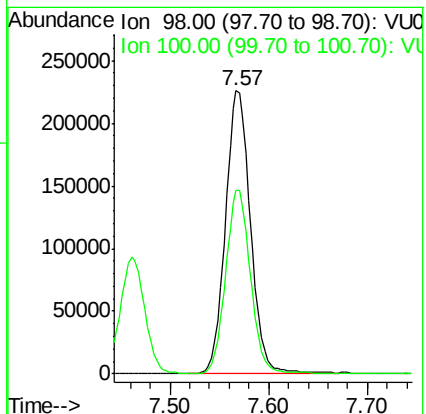
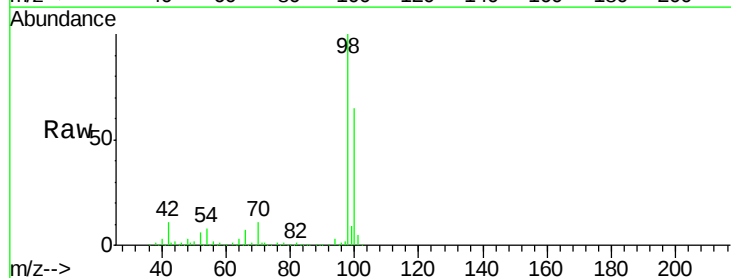
Acq: 27 Jun 2018 04:47

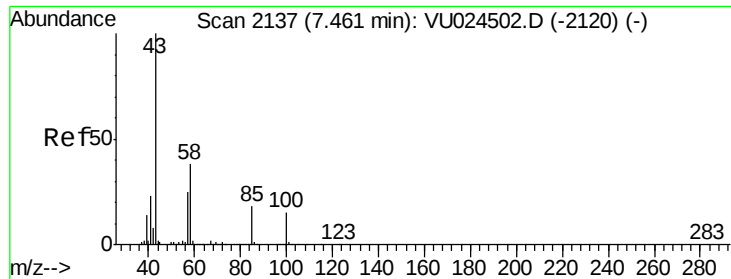
Tgt Ion: 98 Resp: 403195

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7

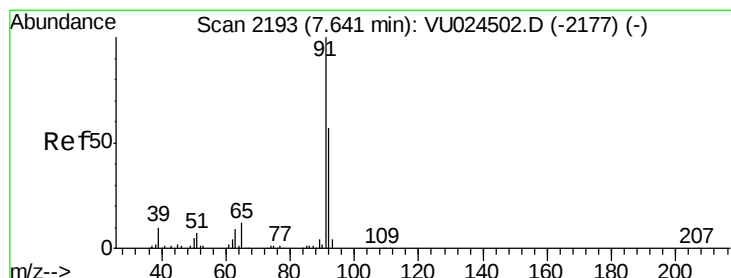
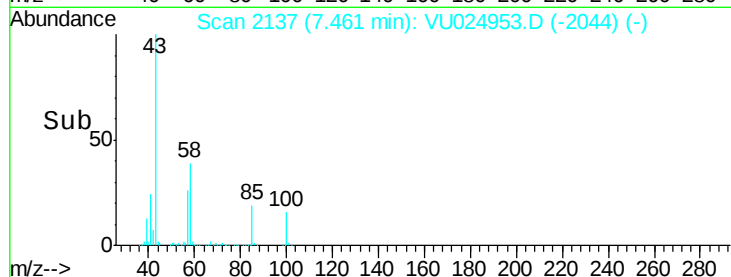
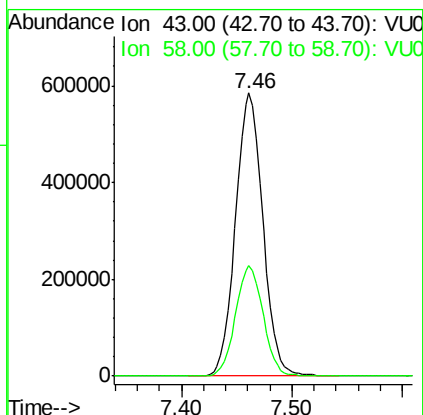
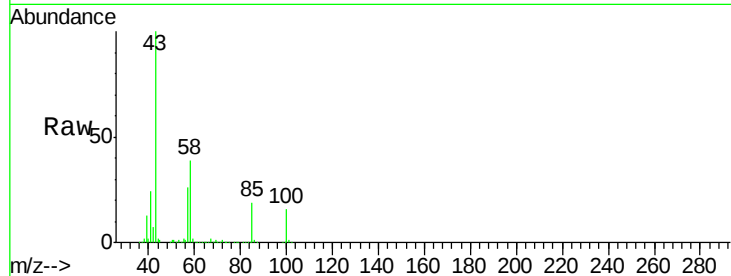




#51
 4-Methyl-2-Pentanone
 Concen: 239.056 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

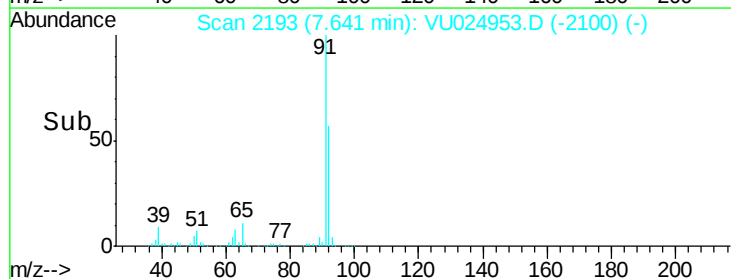
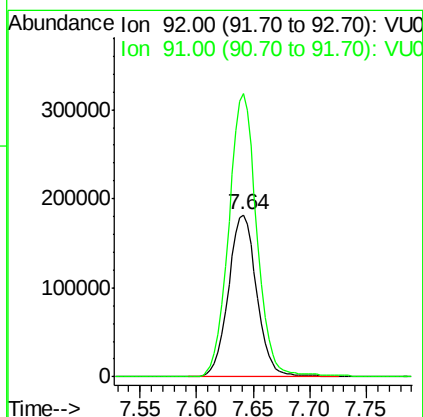
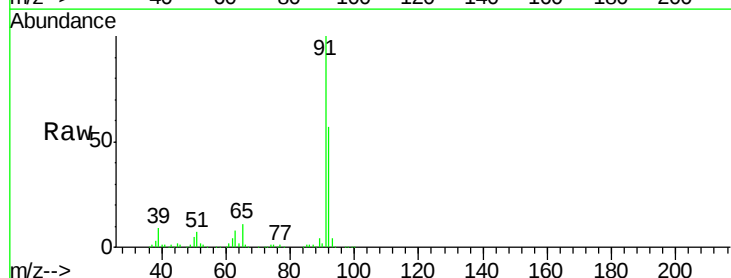
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

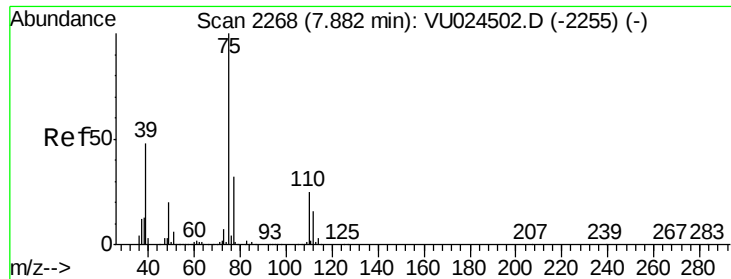
Tgt Ion: 43 Resp: 1004995
 Ion Ratio Lower Upper
 43 100
 58 39.4 30.0 45.0



#52
 Toluene
 Concen: 48.935 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

Tgt Ion: 92 Resp: 318633
 Ion Ratio Lower Upper
 92 100
 91 173.5 140.5 210.7

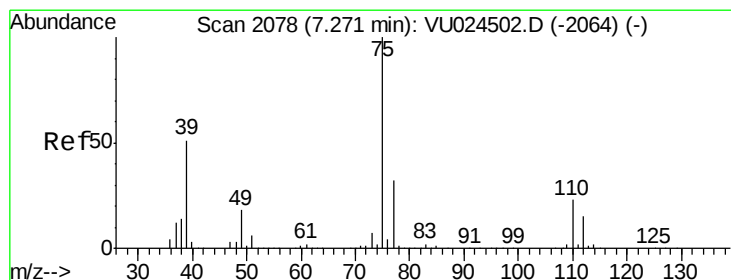
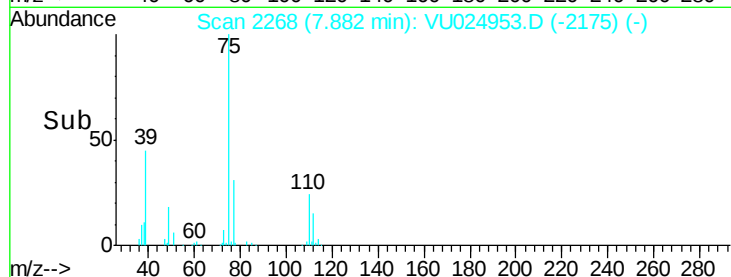
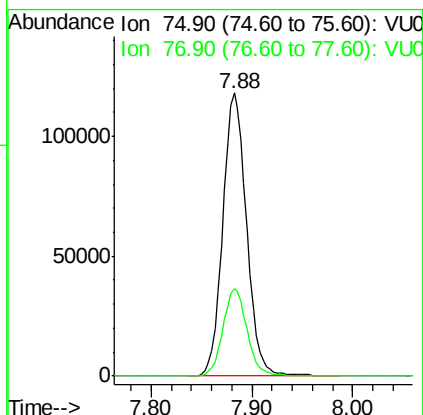
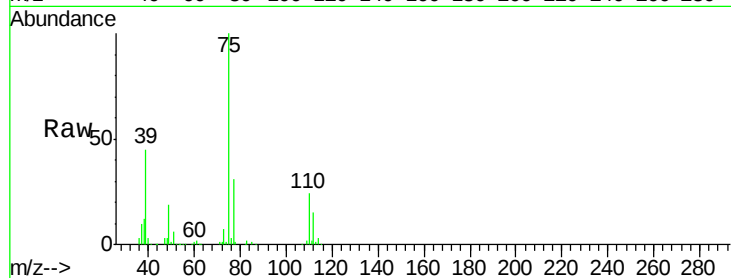




#53
t-1,3-Dichloropropene
Concen: 46.007 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

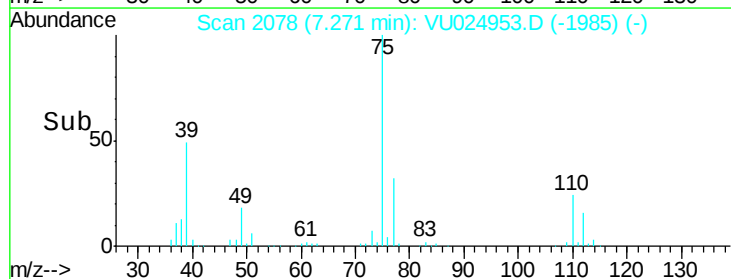
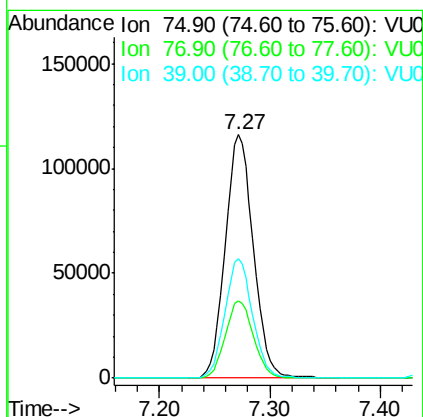
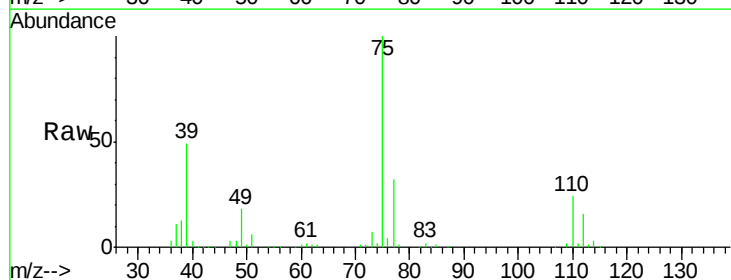
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

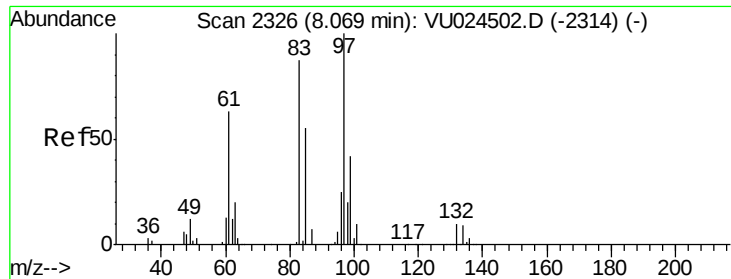
Tgt Ion: 75 Resp: 195148
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 45.284 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

Tgt Ion: 75 Resp: 204676
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8
39 48.9 39.8 59.6

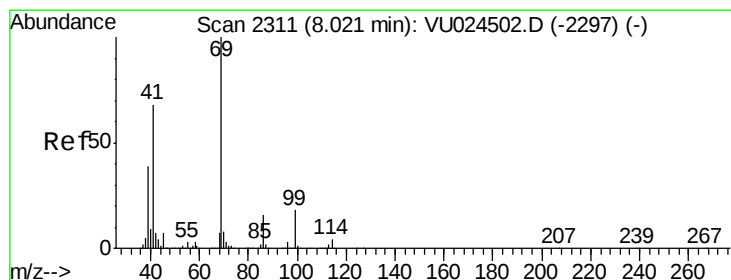
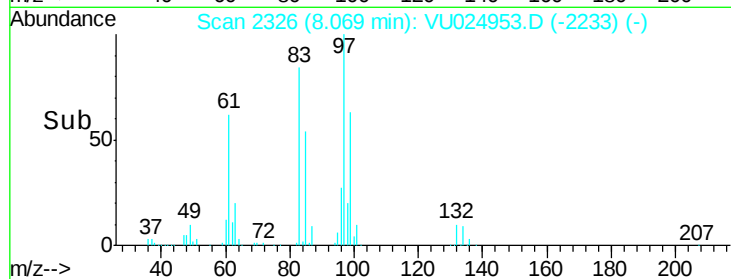
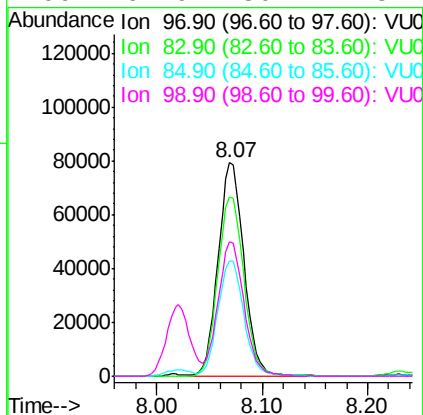
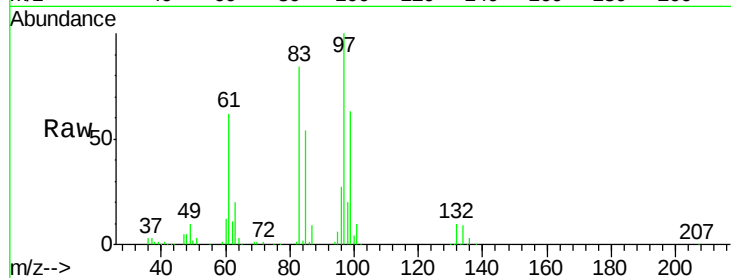




#55
 1,1,2-Trichloroethane
 Concen: 50.566 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

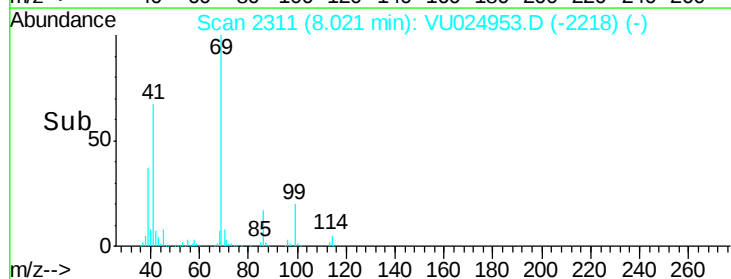
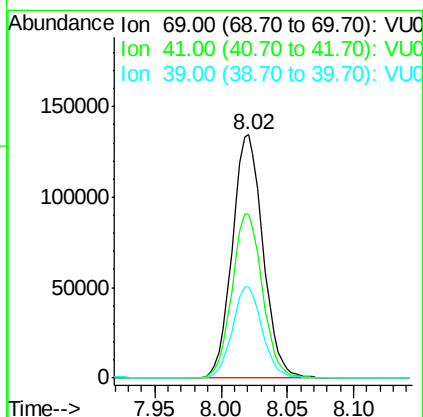
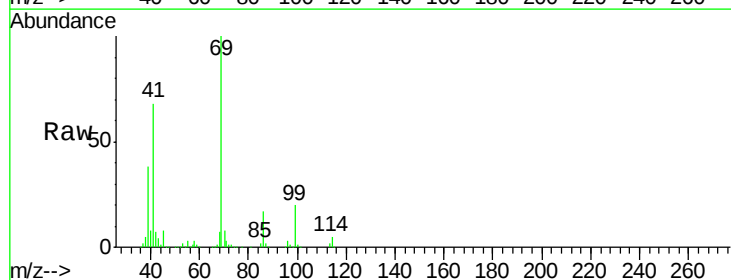
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

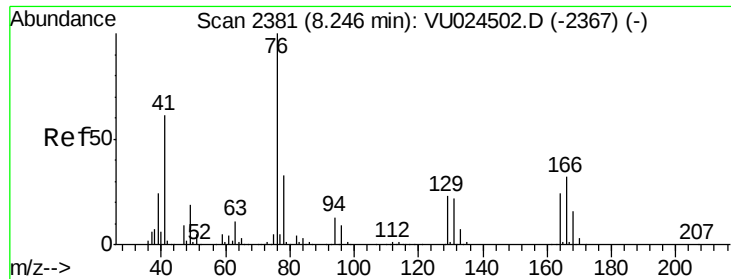
Tgt Ion:	97	Resp:	133837
Ion	Ratio	Lower	Upper
97	100		
83	83.8	70.5	105.7
85	54.1	46.4	69.6
99	62.9	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 48.926 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

Tgt Ion:	69	Resp:	216745
Ion	Ratio	Lower	Upper
69	100		
41	66.4	54.1	81.1
39	36.1	30.3	45.5





#57

1,3-Dichloropropane

Concen: 50.132 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

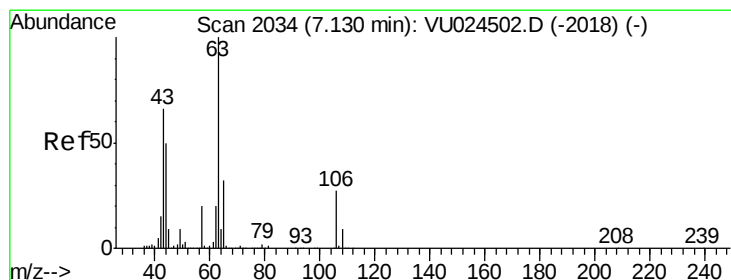
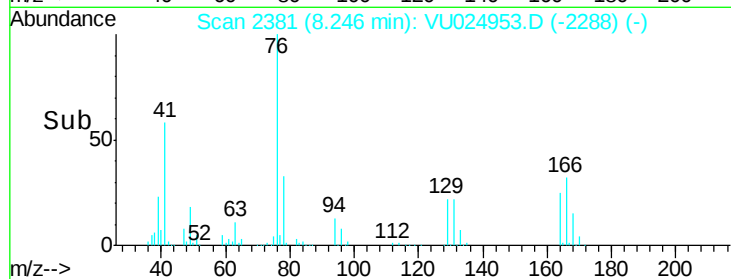
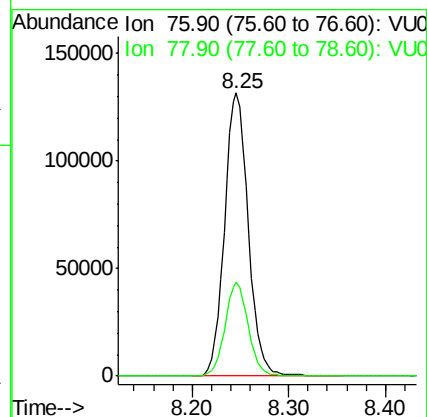
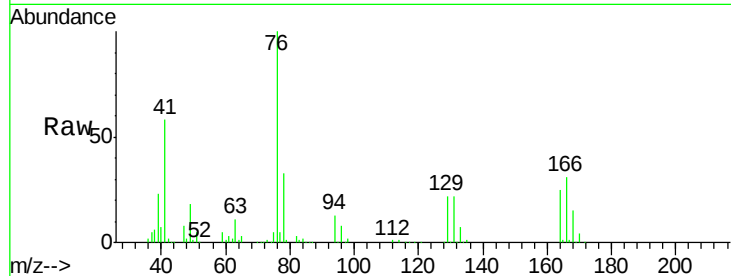
VSTDCCC050EC

Tgt Ion: 76 Resp: 223835

Ion Ratio Lower Upper

76 100

78 32.4 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 69.333 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU024953.D

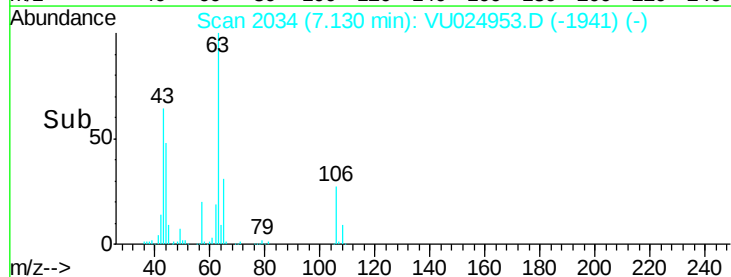
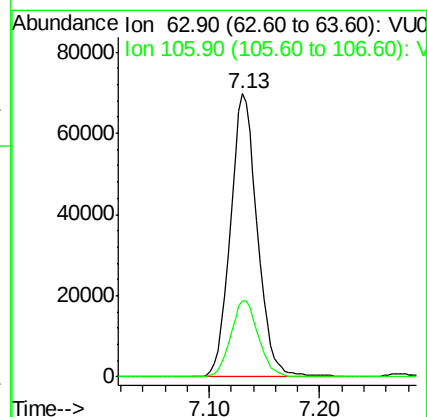
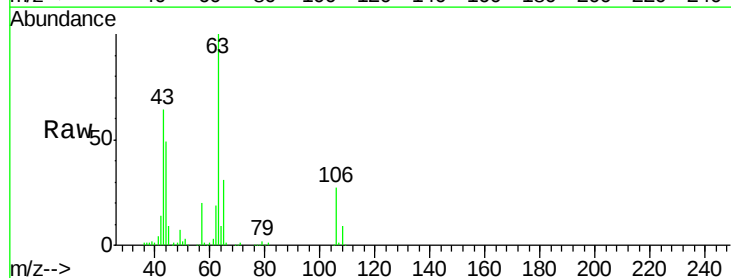
Acq: 27 Jun 2018 04:47

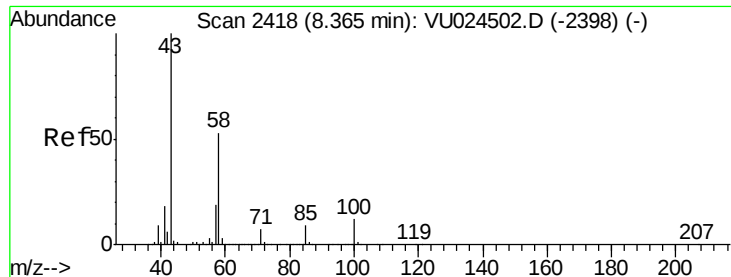
Tgt Ion: 63 Resp: 117669

Ion Ratio Lower Upper

63 100

106 27.8 20.2 30.2

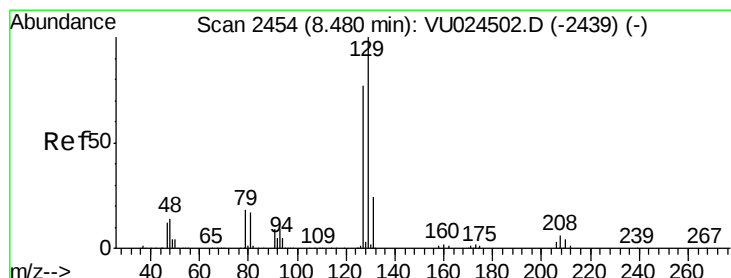
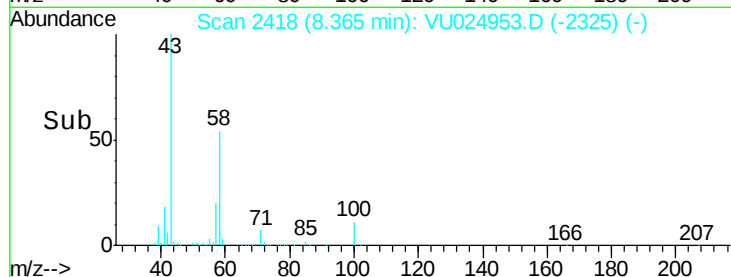
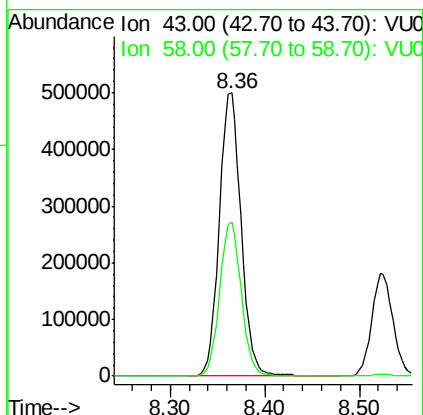
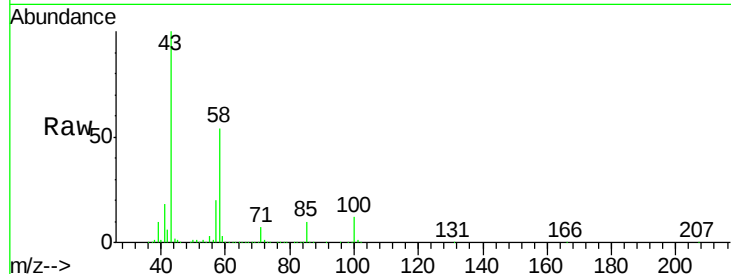




#59
2-Hexanone
Concen: 233.165 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

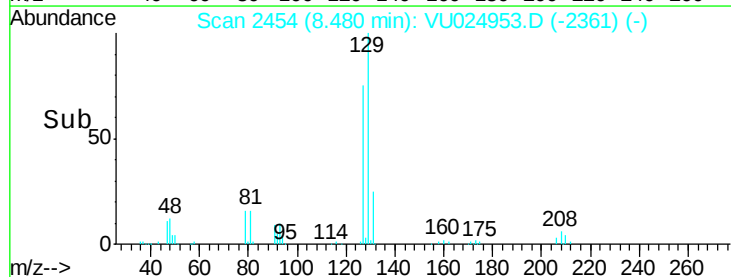
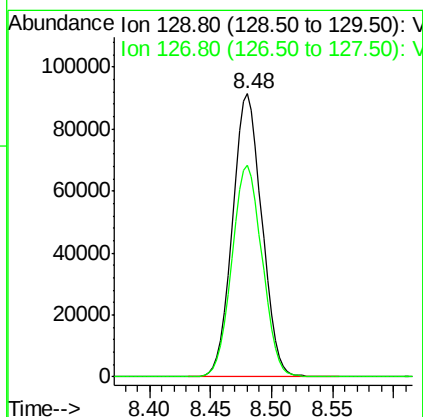
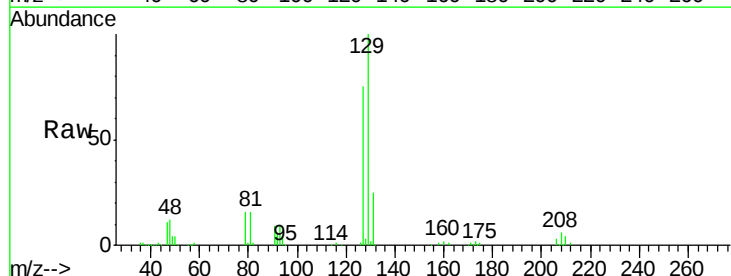
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

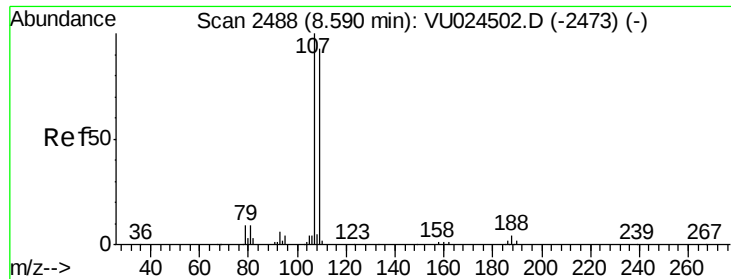
Tgt Ion: 43 Resp: 800262
Ion Ratio Lower Upper
43 100
58 54.0 26.4 79.0



#60
Dibromochloromethane
Concen: 46.432 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

Tgt Ion: 129 Resp: 153251
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 48.860 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

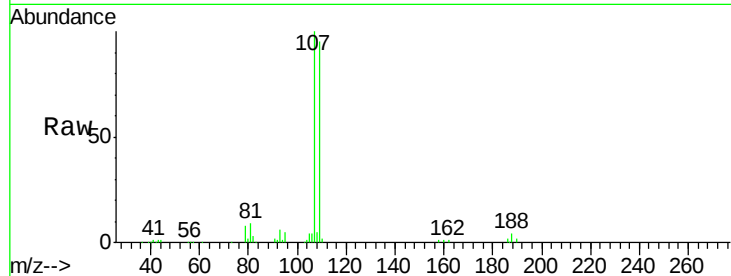
VSTDCCC050EC

Tgt Ion: 107 Resp: 143938

Ion Ratio Lower Upper

107 100

109 96.3 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

100000

80000

60000

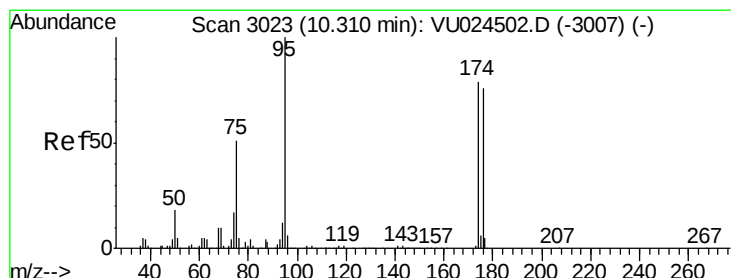
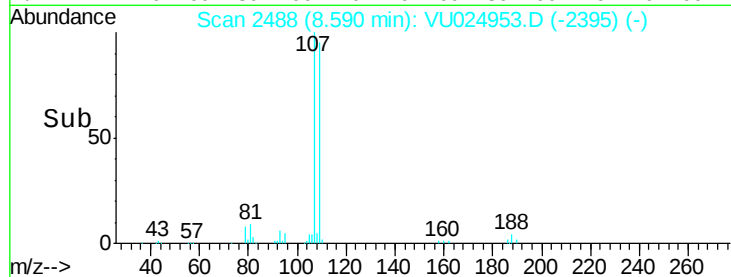
40000

20000

0

Time-->

8.50 8.55 8.60 8.65 8.70



#62

4-Bromofluorobenzene

Concen: 45.374 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

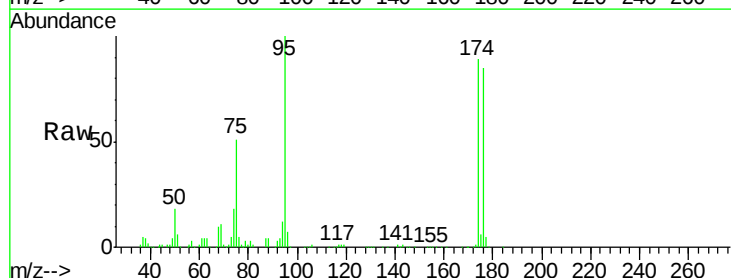
Tgt Ion: 95 Resp: 164843

Ion Ratio Lower Upper

95 100

174 87.3 0.0 165.8

176 84.5 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.31

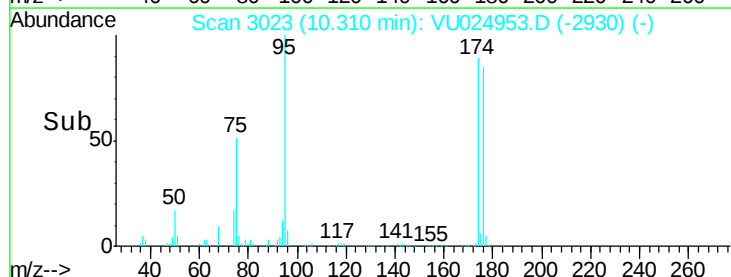
100000

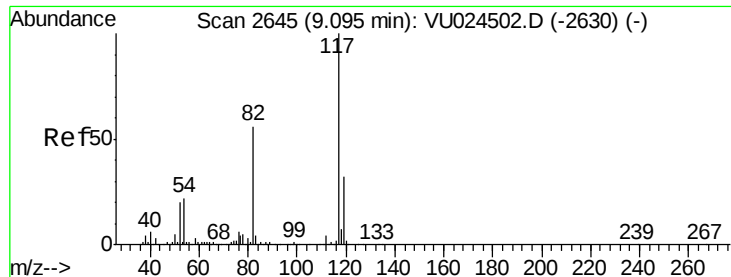
50000

0

Time-->

10.30 10.40

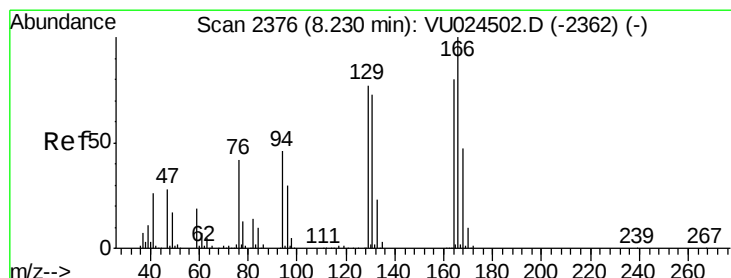
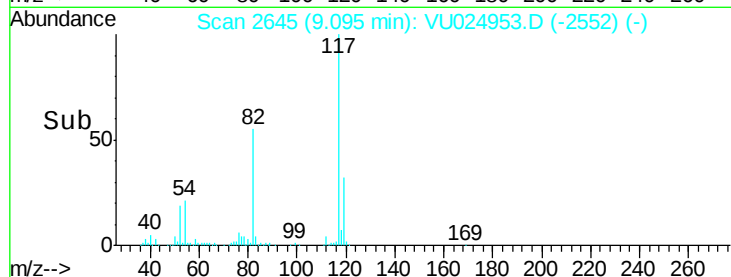
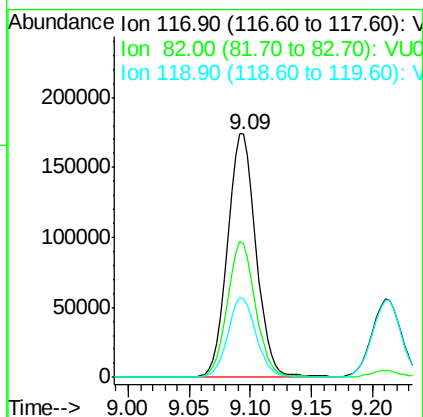
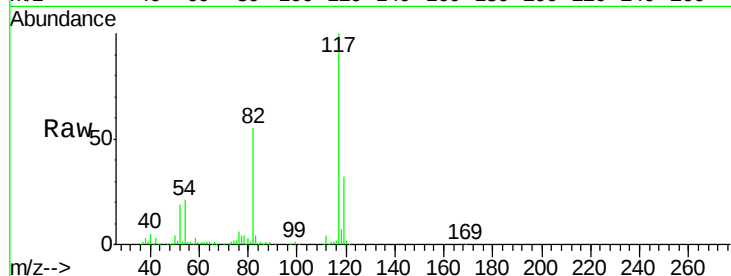




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

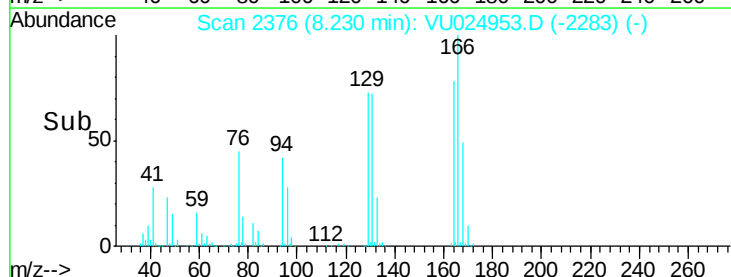
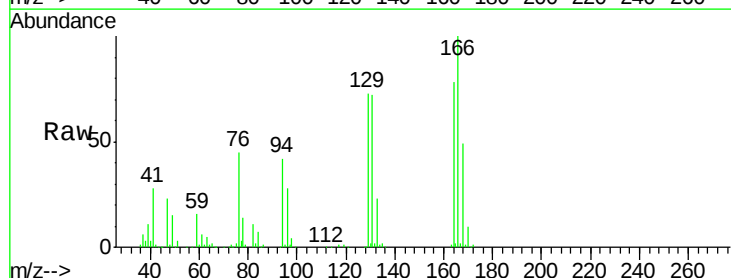
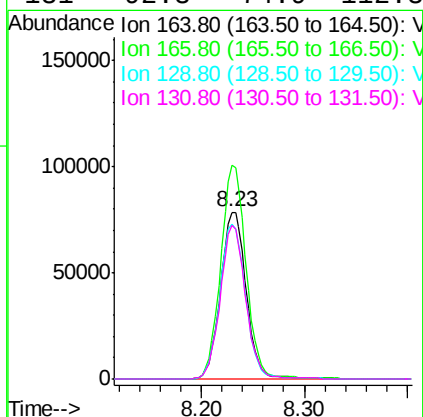
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

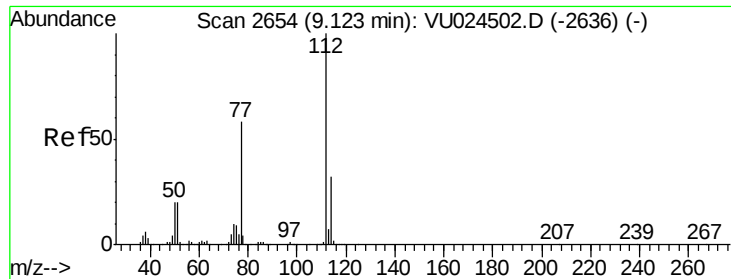
Tgt Ion:117 Resp: 285443
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 50.294 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

Tgt Ion:164 Resp: 136459
Ion Ratio Lower Upper
164 100
166 127.9 101.7 152.5
129 93.0 76.9 115.3
131 92.3 74.9 112.3





#65

Chlorobenzene

Concen: 49.496 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

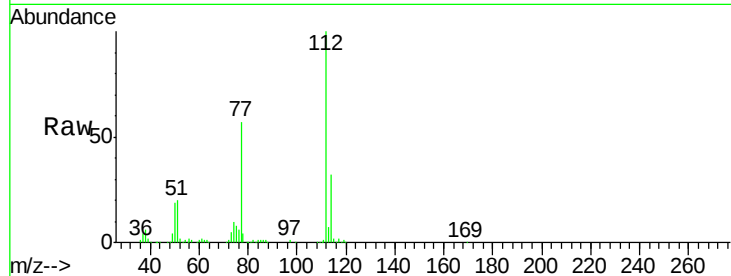
VSTDCCC050EC

Tgt Ion:112 Resp: 360926

Ion Ratio Lower Upper

112 100

114 31.9 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

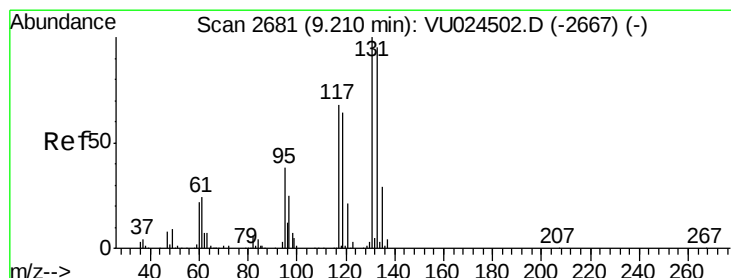
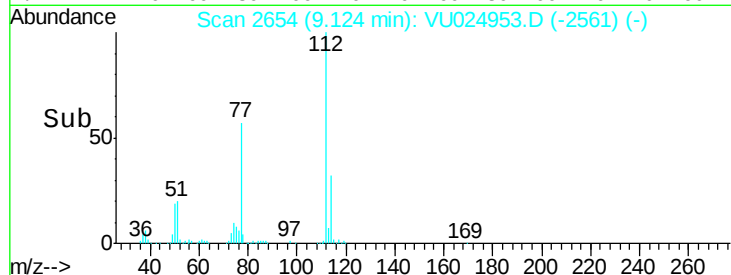
100000

50000

0

9.05 9.10 9.15 9.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.955 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

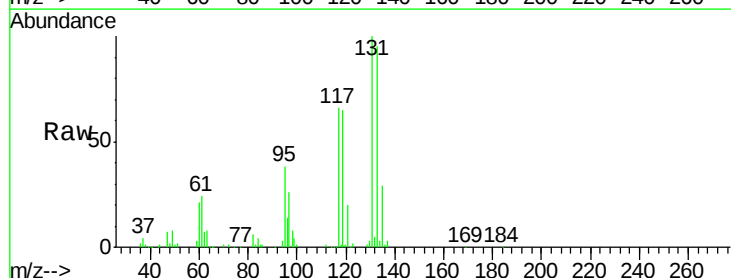
Tgt Ion:131 Resp: 141165

Ion Ratio Lower Upper

131 100

133 95.6 46.9 140.8

119 64.3 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

120000

100000

80000

60000

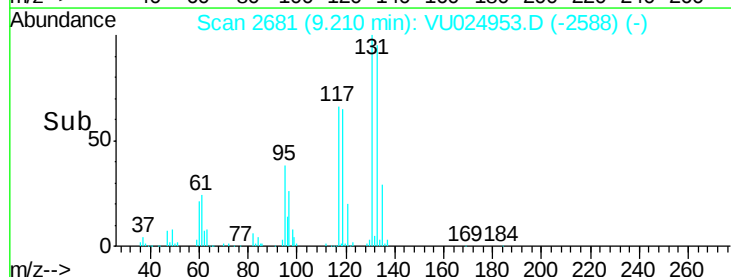
40000

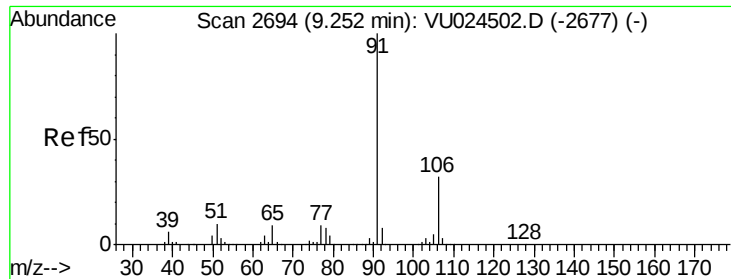
20000

0

9.15 9.20 9.25 9.30

Time-->

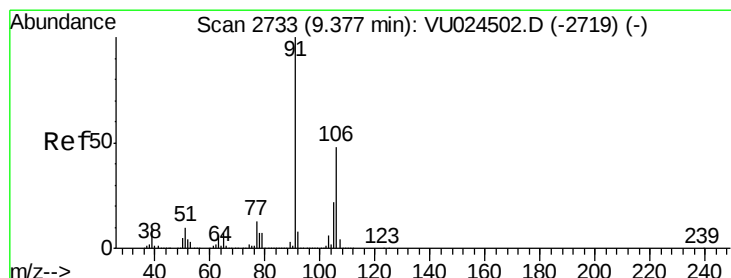
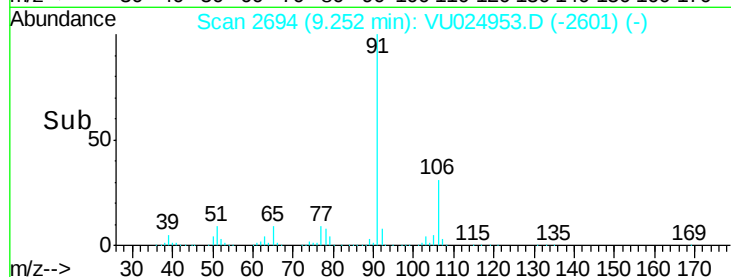
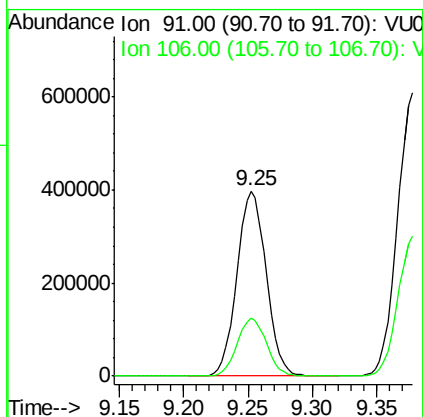
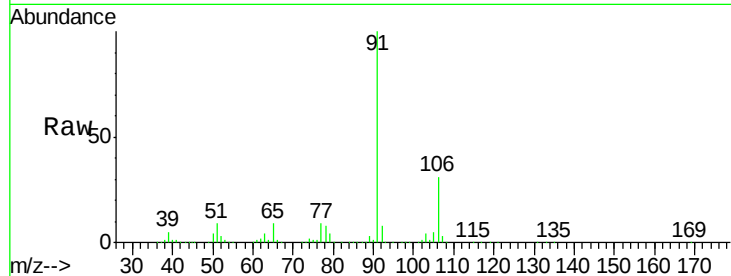




#67
Ethyl Benzene
Concen: 48.987 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

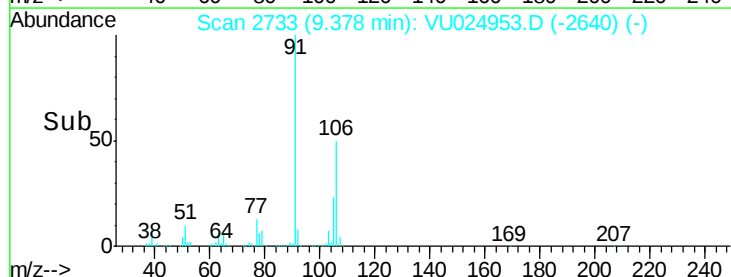
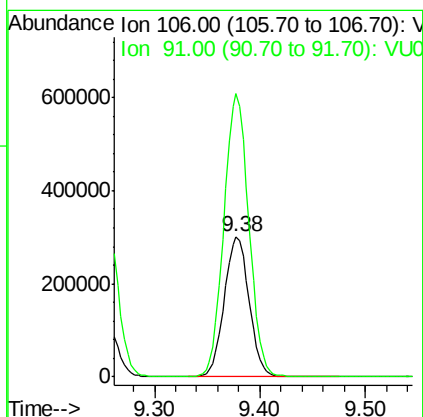
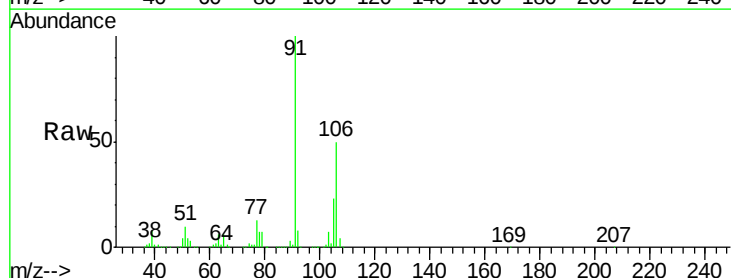
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

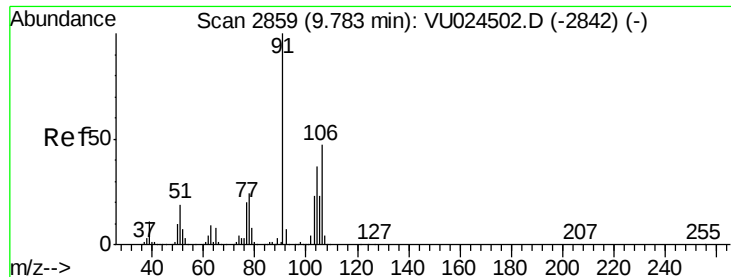
Tgt Ion: 91 Resp: 626220
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4



#68
m/p-Xylenes
Concen: 99.848 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

Tgt Ion: 106 Resp: 490138
Ion Ratio Lower Upper
106 100
91 202.6 166.5 249.7

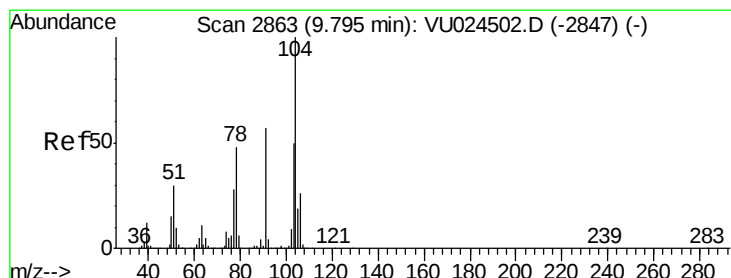
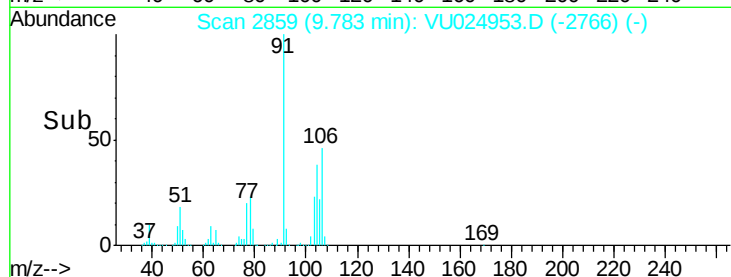
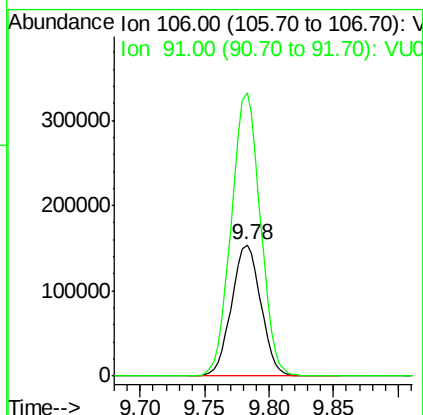
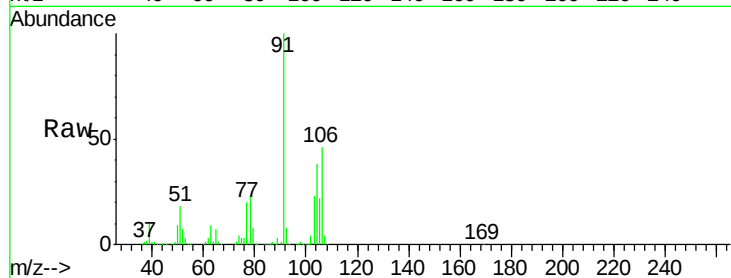




#69
o-Xylene
Concen: 50.113 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

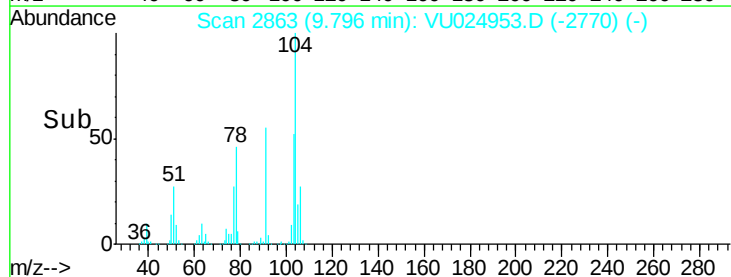
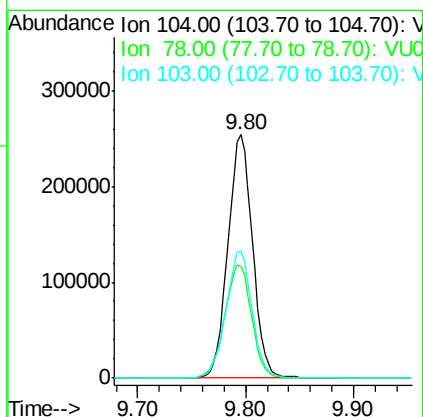
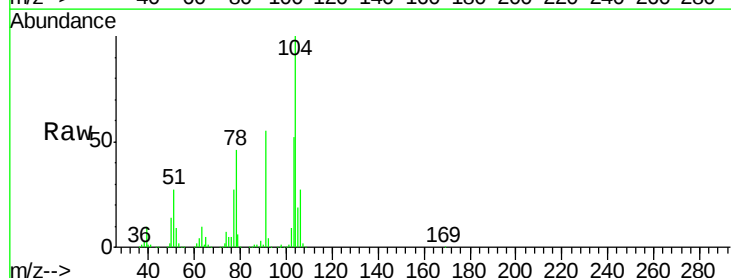
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

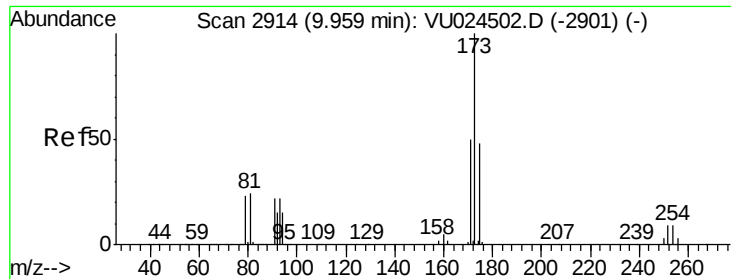
Tgt Ion:106 Resp: 243454
Ion Ratio Lower Upper
106 100
91 214.3 110.7 331.9



#70
Styrene
Concen: 50.788 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

Tgt Ion:104 Resp: 405466
Ion Ratio Lower Upper
104 100
78 50.6 40.6 60.8
103 55.1 44.7 67.1





#71

Bromoform

Concen: 46.087 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

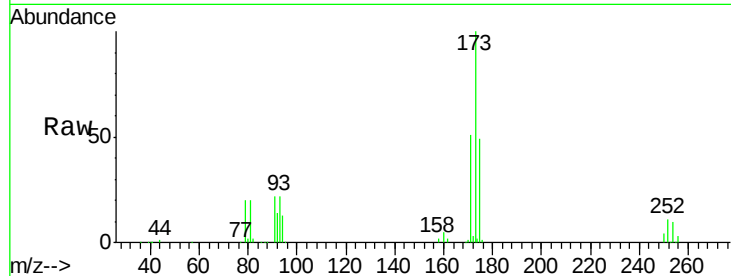
Tgt Ion:173 Resp: 121359

Ion Ratio Lower Upper

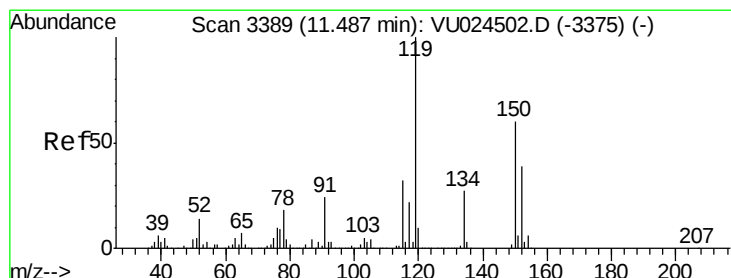
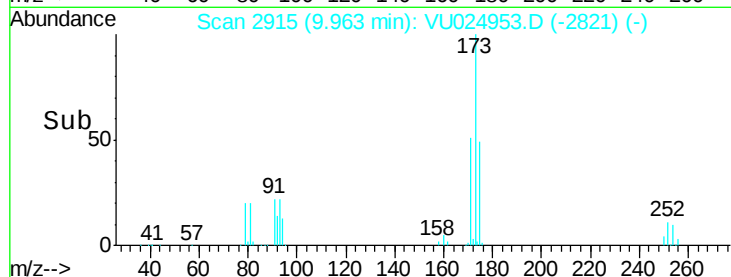
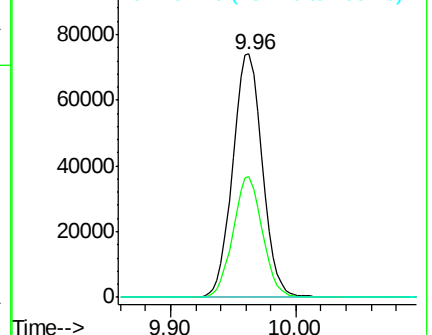
173 100

175 49.3 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: VU024953.D

Acq: 27 Jun 2018 04:47

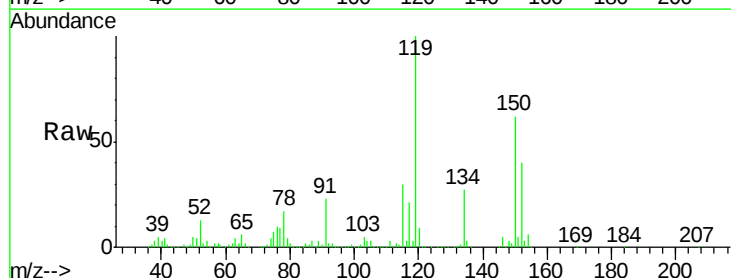
Tgt Ion:152 Resp: 176721

Ion Ratio Lower Upper

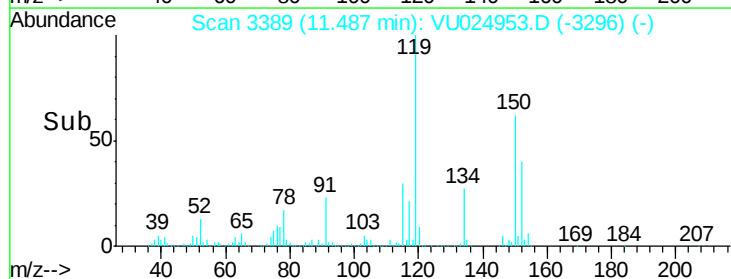
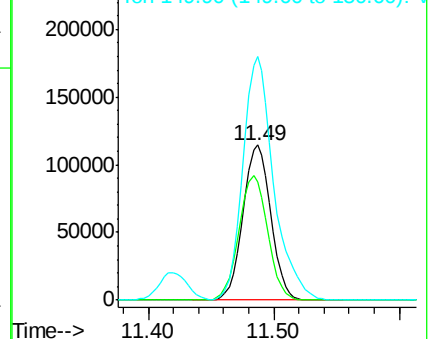
152 100

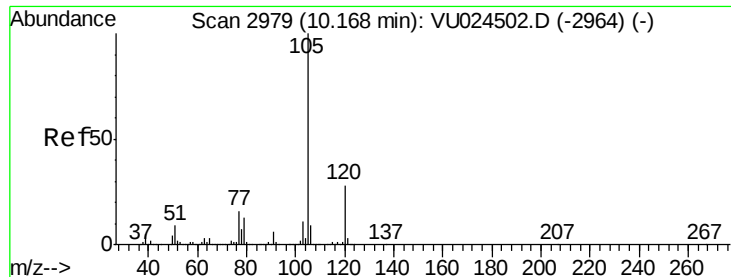
115 82.9 43.0 129.0

150 173.7 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: 48.655 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

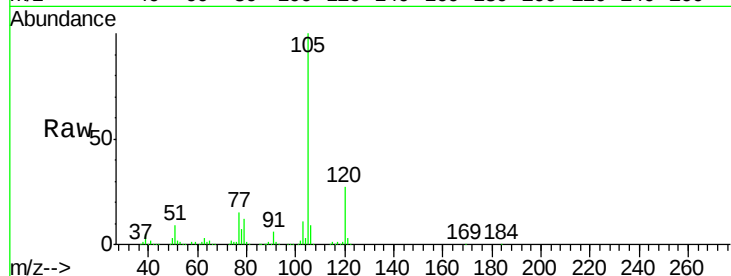
VSTDCCC050EC

Tgt Ion: 105 Resp: 660151

Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

400000

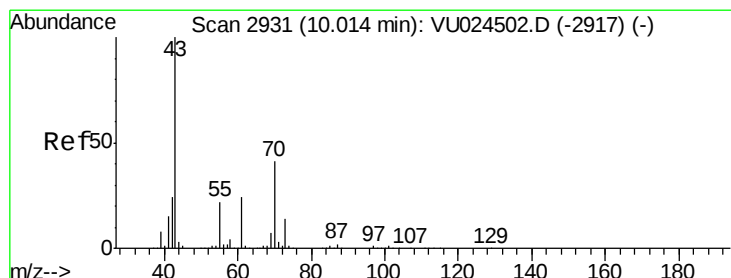
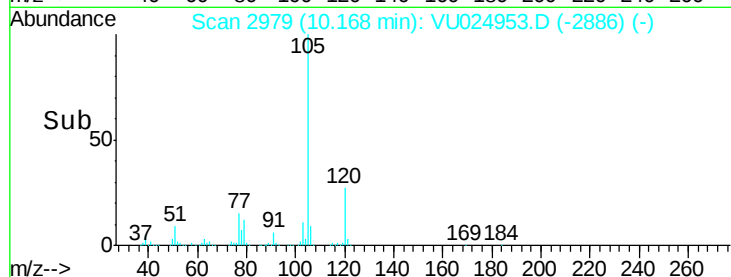
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 43.793 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Tgt Ion: 43 Resp: 282621

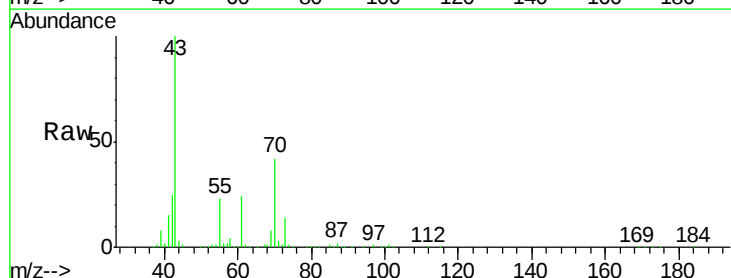
Ion Ratio Lower Upper

43 100

70 42.2 32.2 48.4

55 24.1 20.5 30.7

61 24.3 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

10.01

200000

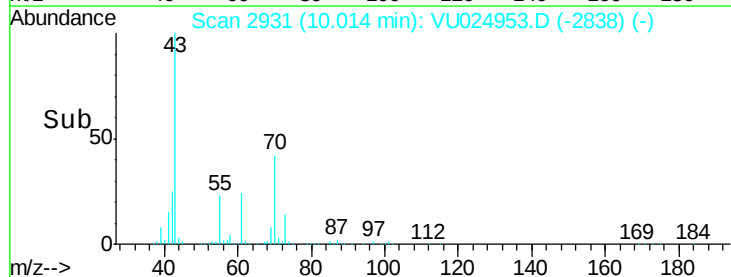
150000

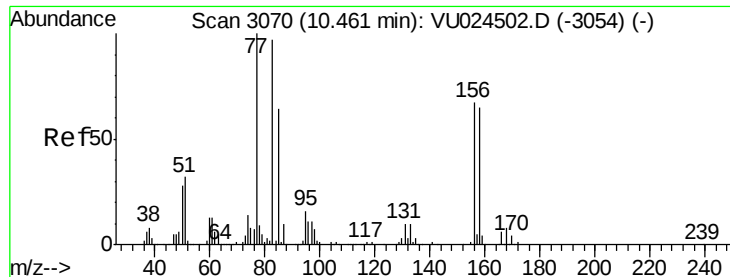
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.019 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

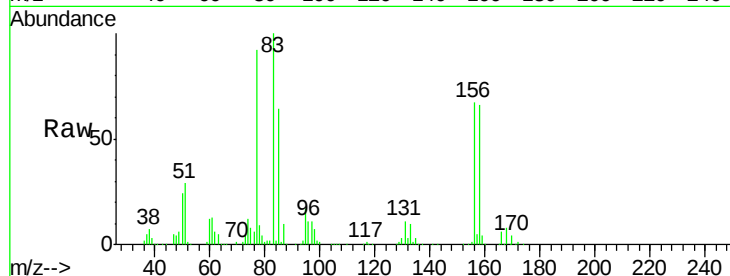
Tgt Ion: 83 Resp: 222870

Ion Ratio Lower Upper

83 100

131 10.9 4.7 14.1

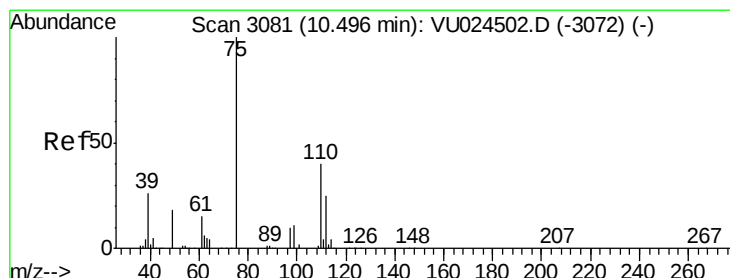
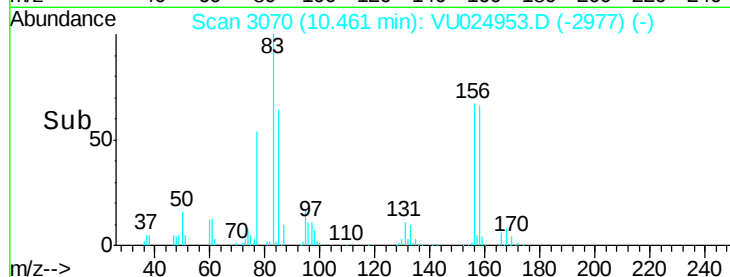
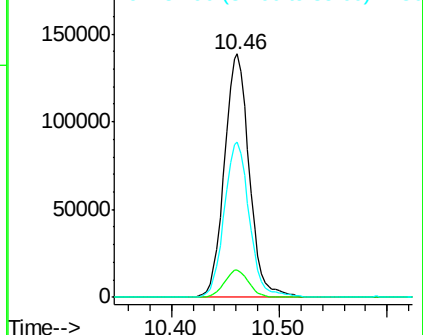
85 64.4 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU024953.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024953.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024953.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 65.418 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024953.D

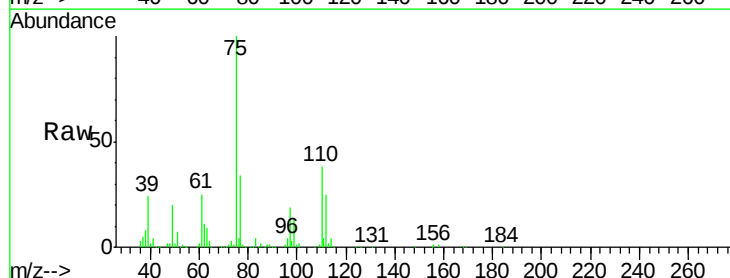
Acq: 27 Jun 2018 04:47

Tgt Ion: 75 Resp: 254527

Ion Ratio Lower Upper

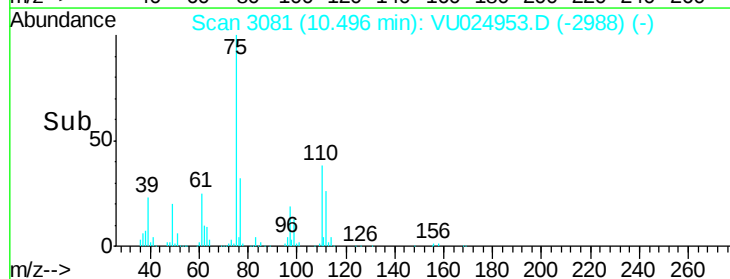
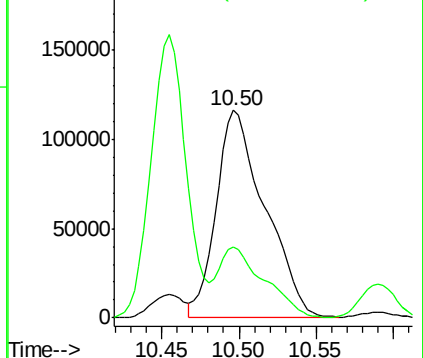
75 100

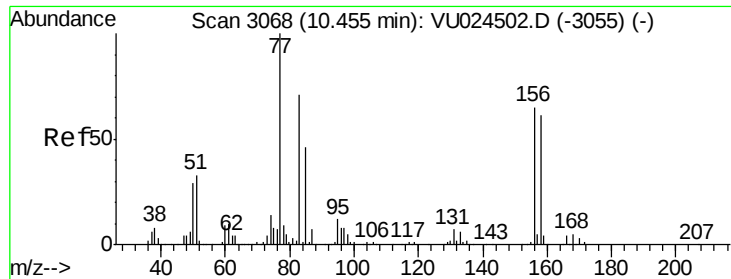
77 32.3 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024953.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024953.D (-2988) (-)





#77

Bromobenzene

Concen: 50.325 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

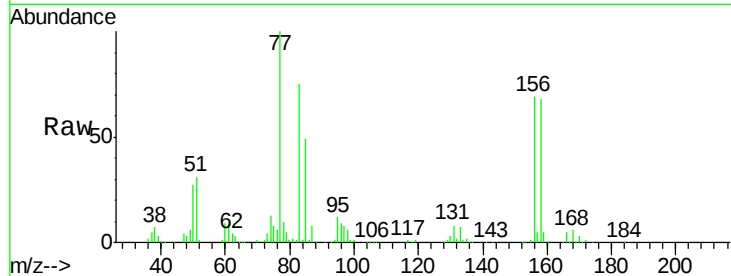
Tgt Ion:156 Resp: 172863

Ion Ratio Lower Upper

156 100

77 145.4 80.5 241.3

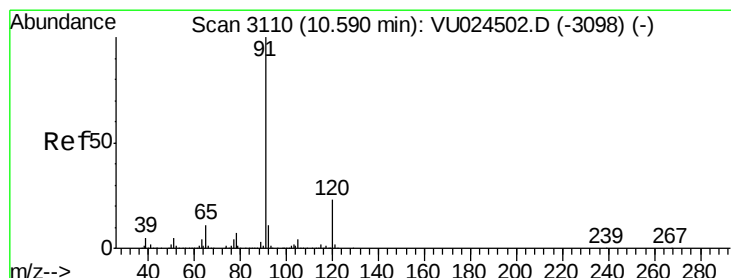
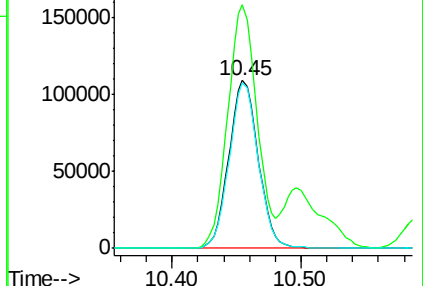
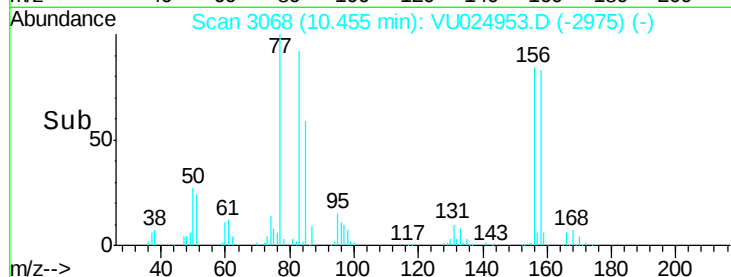
158 97.2 48.2 144.6



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: 46.882 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024953.D

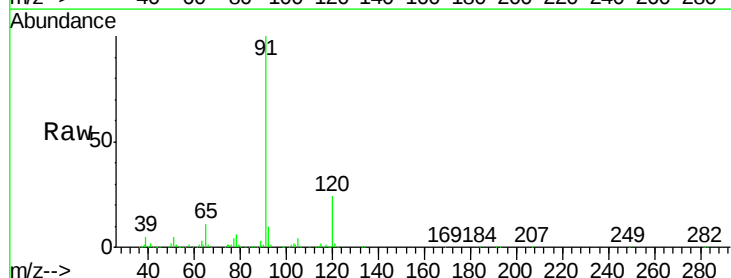
Acq: 27 Jun 2018 04:47

Tgt Ion: 91 Resp: 749303

Ion Ratio Lower Upper

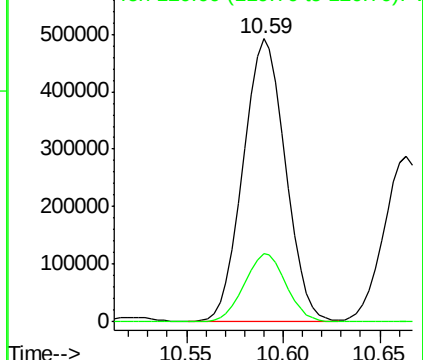
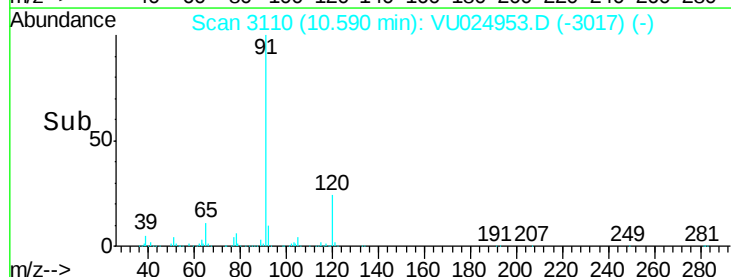
91 100

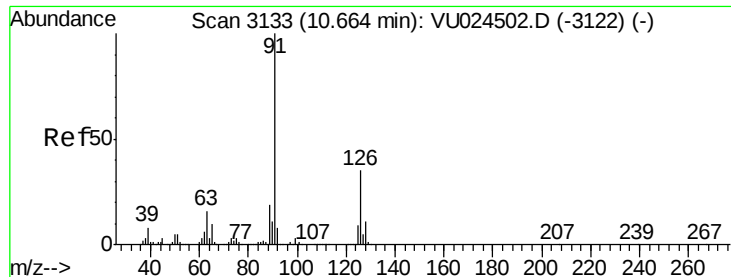
120 23.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

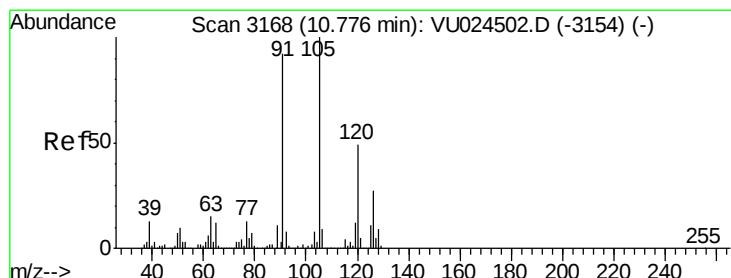
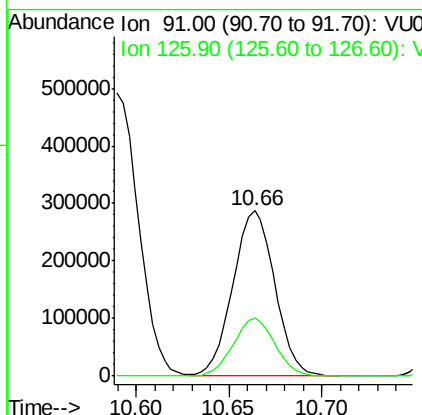
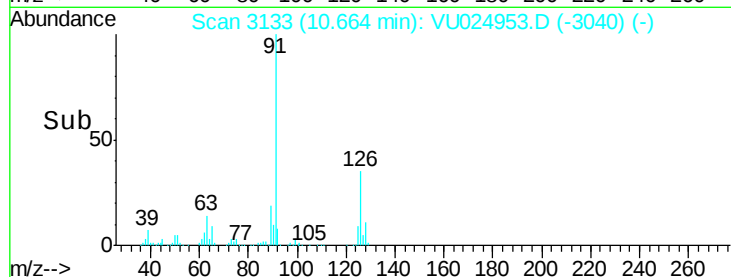
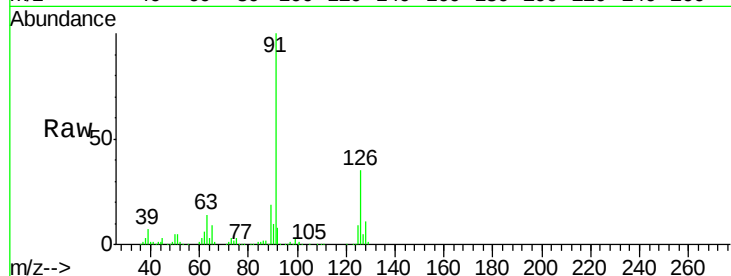




#79
 2-Chlorotoluene
 Concen: 47.802 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

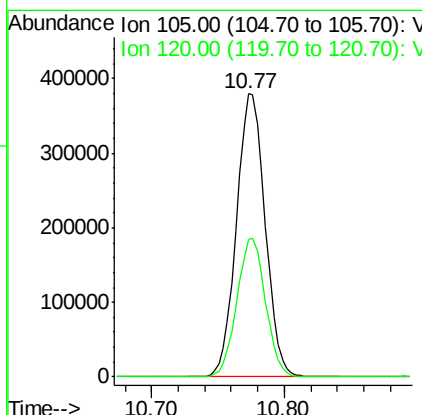
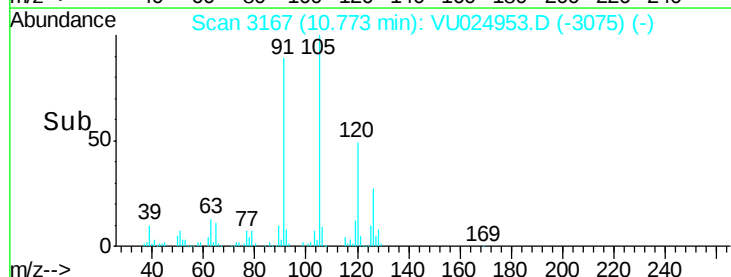
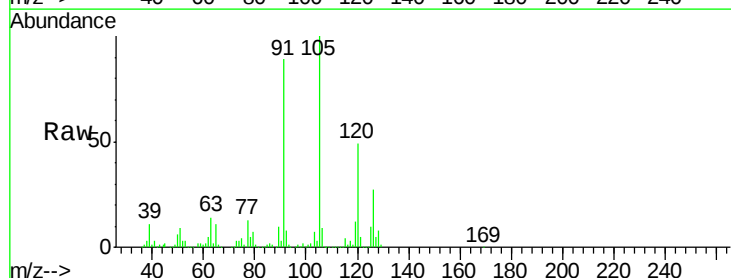
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

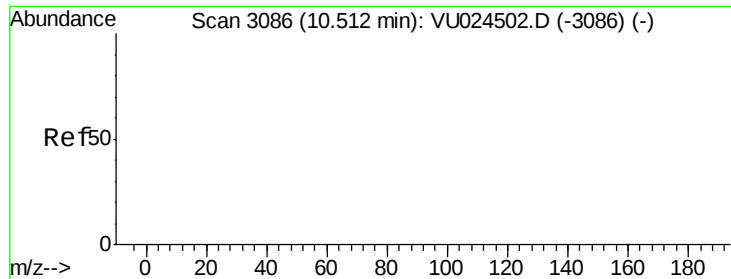
Tgt Ion: 91 Resp: 450548
 Ion Ratio Lower Upper
 91 100
 126 35.2 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 48.420 ug/l
 RT: 10.77 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

Tgt Ion: 105 Resp: 569412
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.2

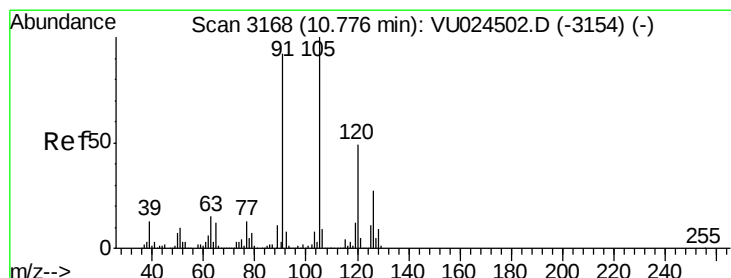
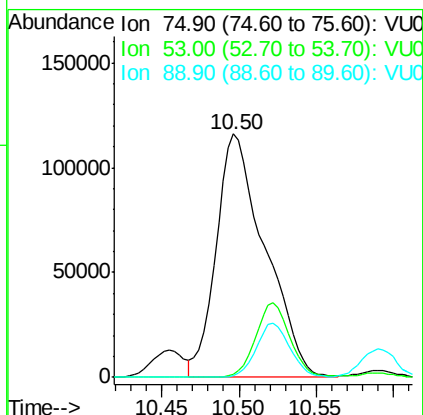
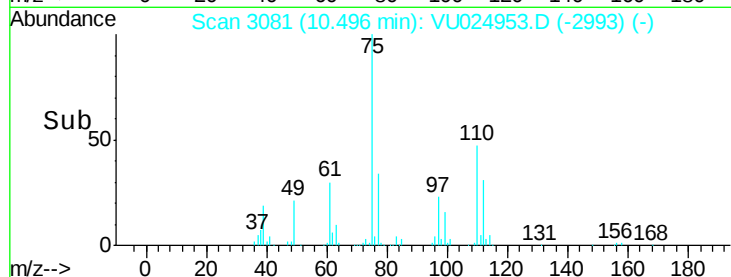
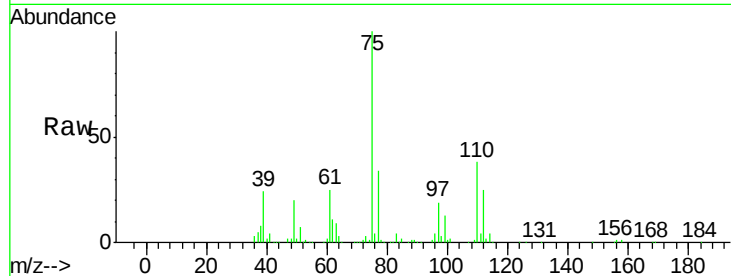




#81
trans-1,4-Dichloro-2-butene
Concen: 151.406 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

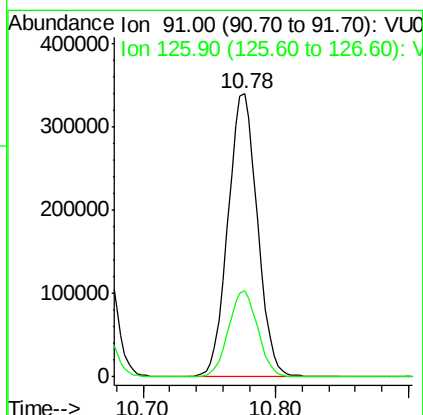
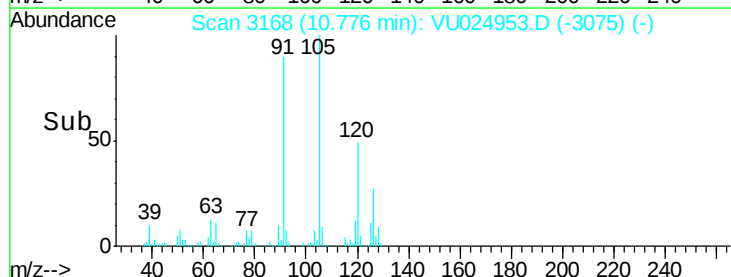
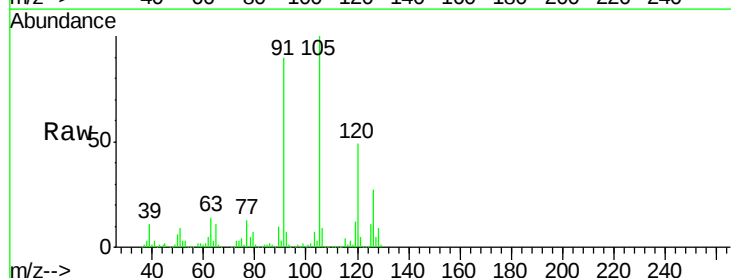
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

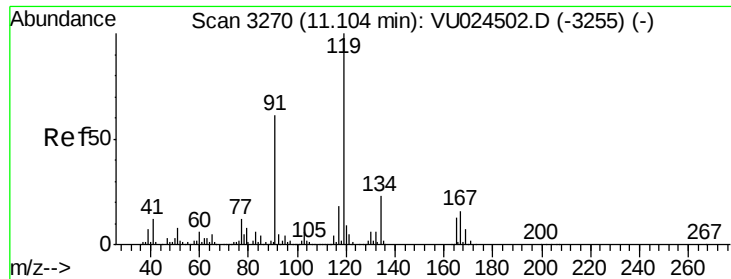
Tgt Ion: 75 Resp: 254527
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 47.561 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024953.D
Acq: 27 Jun 2018 04:47

Tgt Ion: 91 Resp: 521756
Ion Ratio Lower Upper
91 100
126 30.3 14.9 44.9

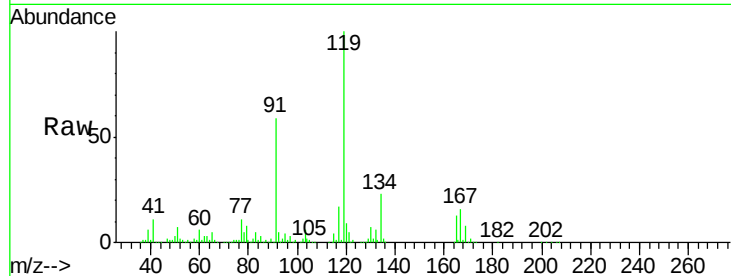




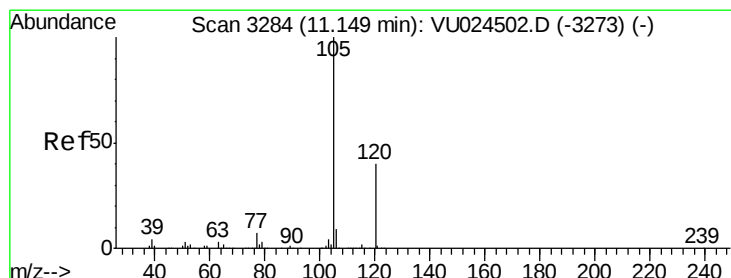
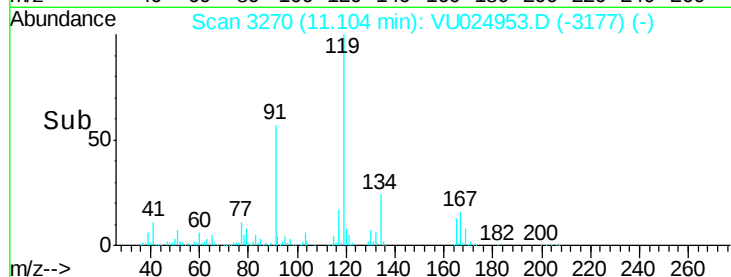
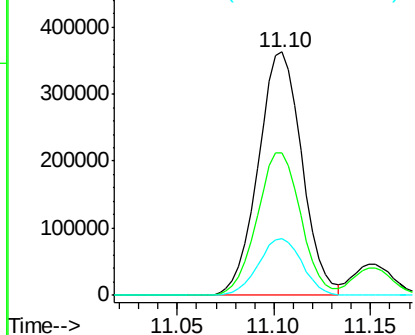
#83
 tert-Butylbenzene
 Concen: 50.520 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 571497
 Ion Ratio Lower Upper
 119 100
 91 58.9 29.7 89.1
 134 23.4 11.6 34.7

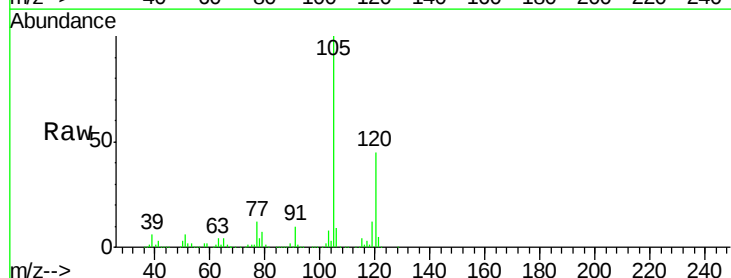


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

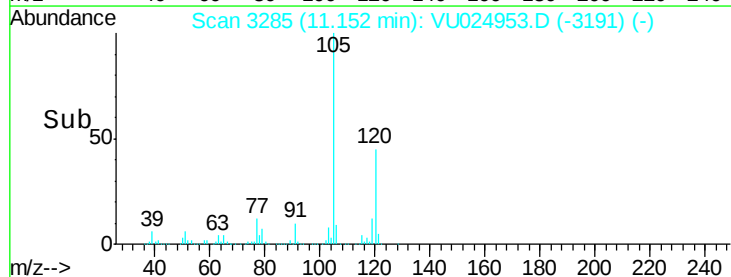
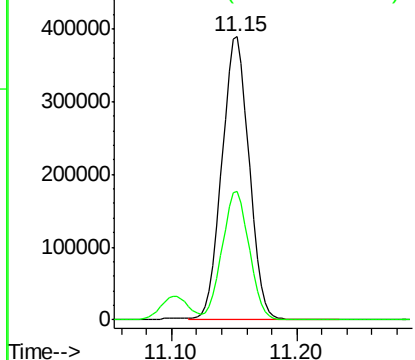


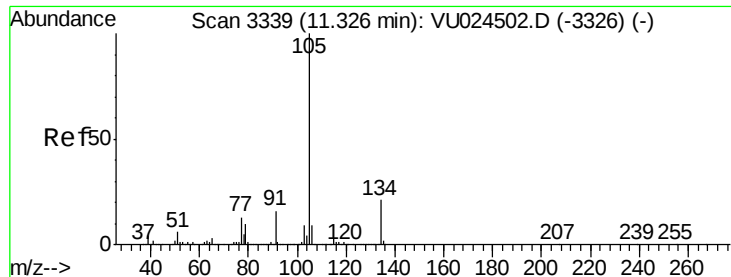
#84
 1,2,4-Trimethylbenzene
 Concen: 48.718 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

Tgt Ion:105 Resp: 583853
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.8



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

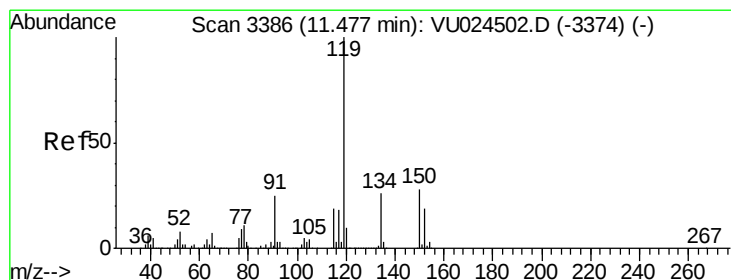
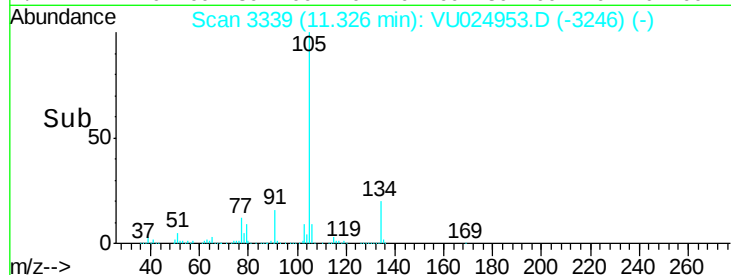
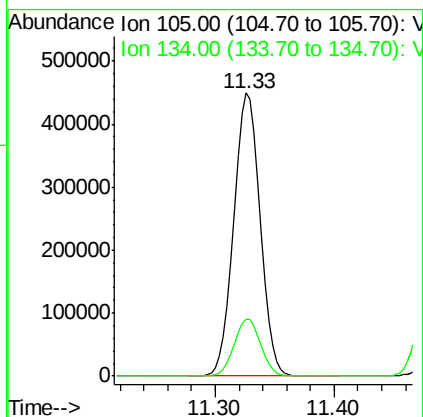
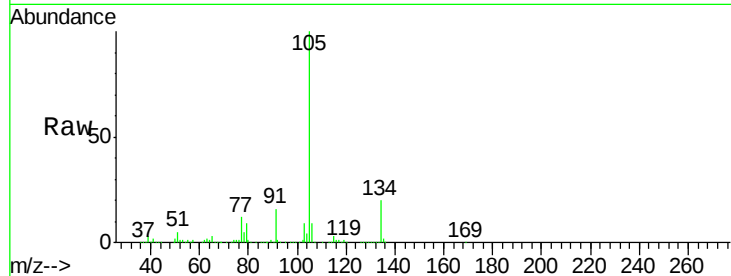




#85
 sec-Butylbenzene
 Concen: 48.770 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

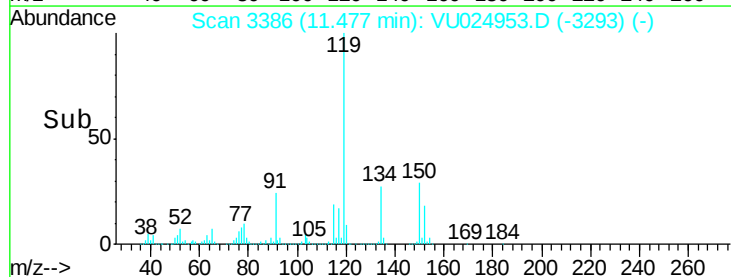
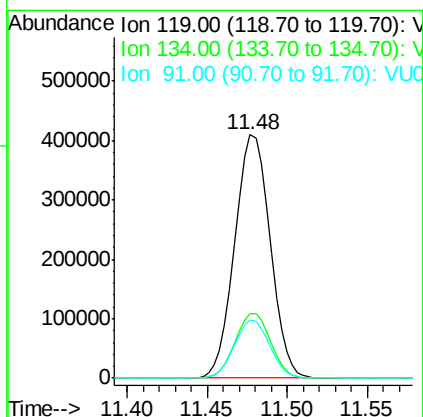
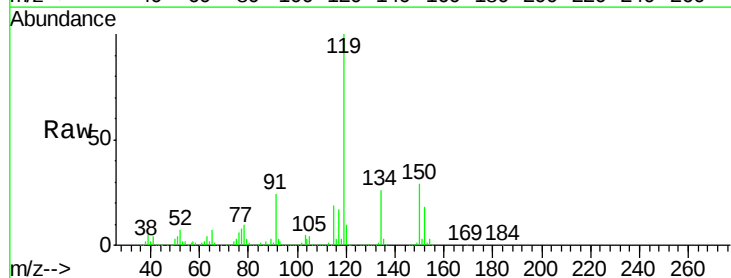
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

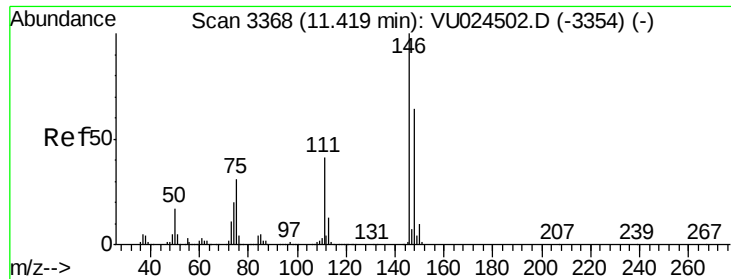
Tgt Ion:105 Resp: 690569
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 48.554 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

Tgt Ion:119 Resp: 615746
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.9 38.6
 91 23.7 12.0 36.1

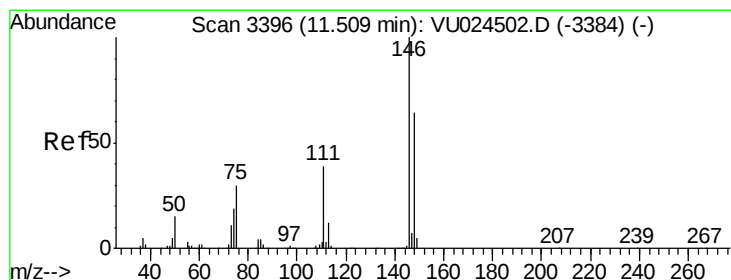
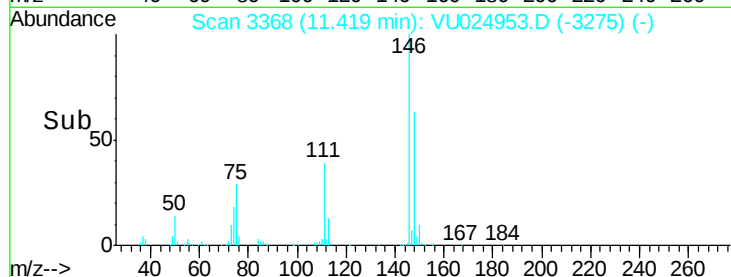
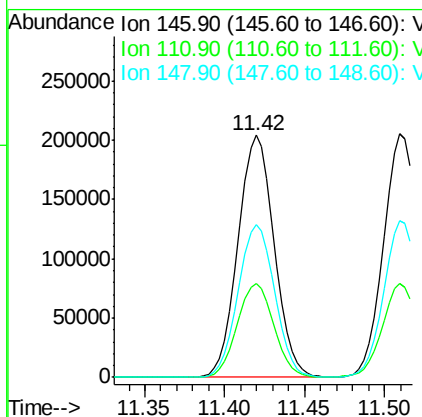
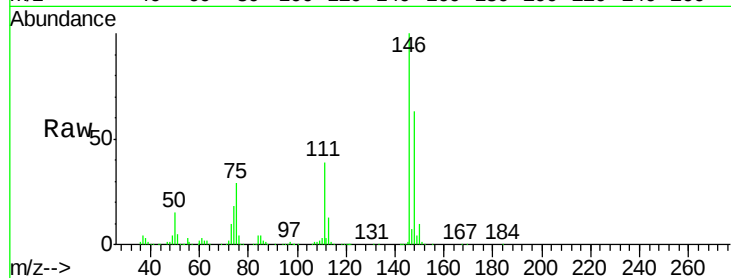




#87
 1,3-Dichlorobenzene
 Concen: 49.592 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

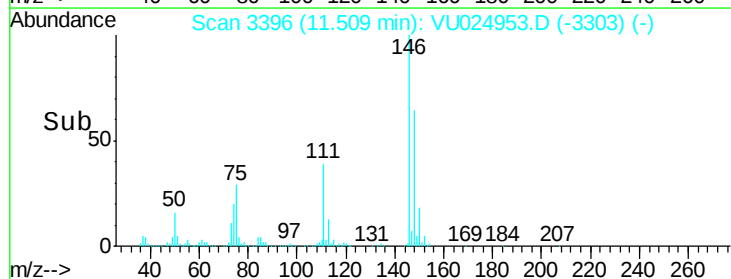
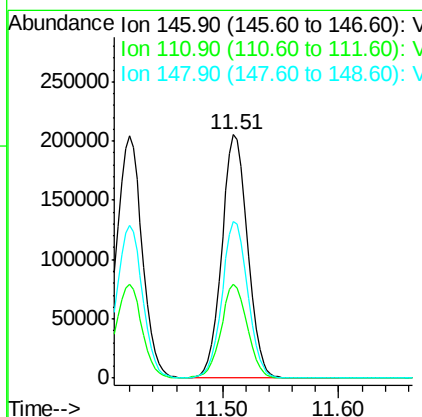
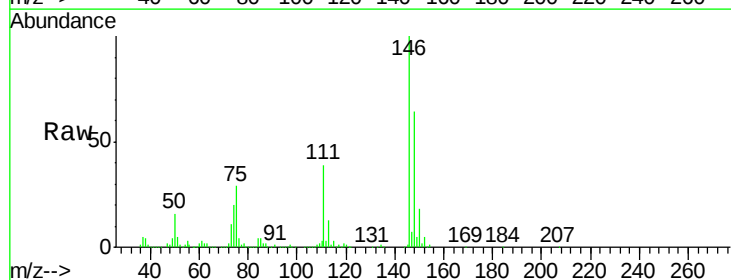
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

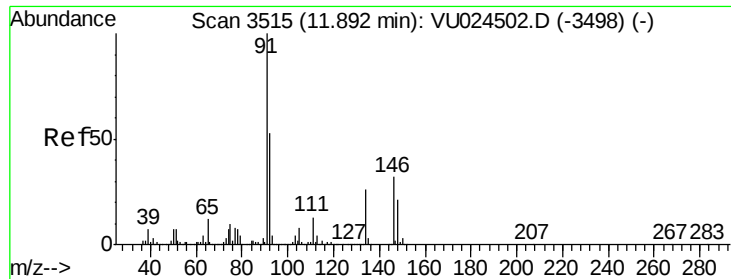
Tgt Ion:146 Resp: 314708
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.0 60.0
 148 63.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.742 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

Tgt Ion:146 Resp: 317716
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.5 58.5
 148 64.0 32.4 97.0





#89

n-Butylbenzene

Concen: 45.916 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

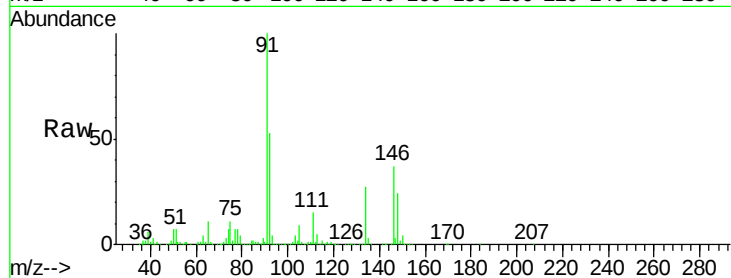
Tgt Ion: 91 Resp: 516968

Ion Ratio Lower Upper

91 100

92 53.5 25.6 76.8

134 27.3 12.3 36.8

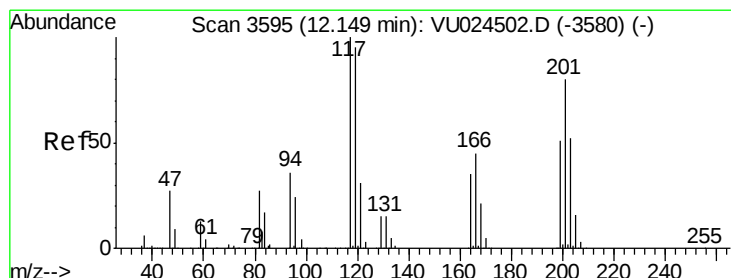
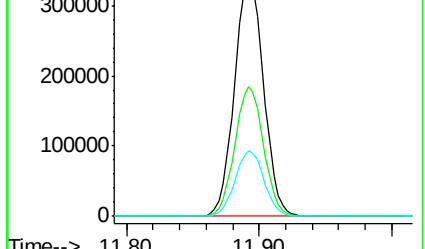
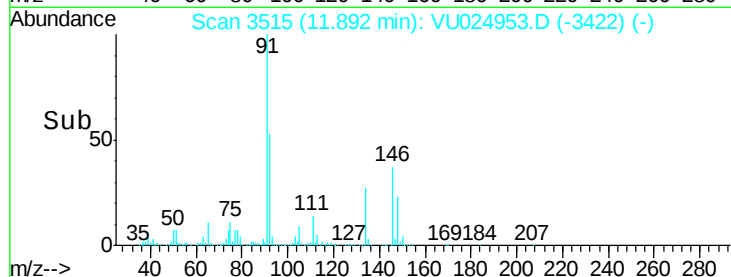


Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3498) (-)

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

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

Time-->



#90

Hexachloroethane

Concen: 43.285 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024953.D

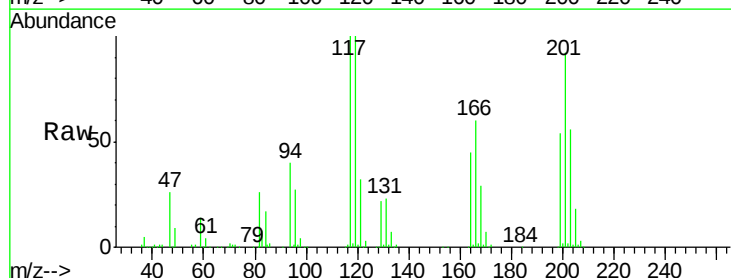
Acq: 27 Jun 2018 04:47

Tgt Ion: 117 Resp: 107082

Ion Ratio Lower Upper

117 100

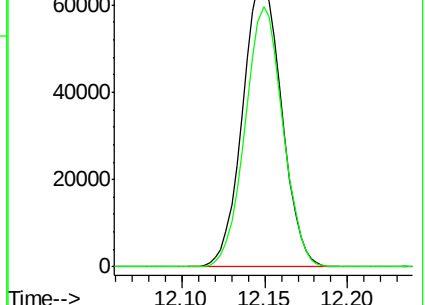
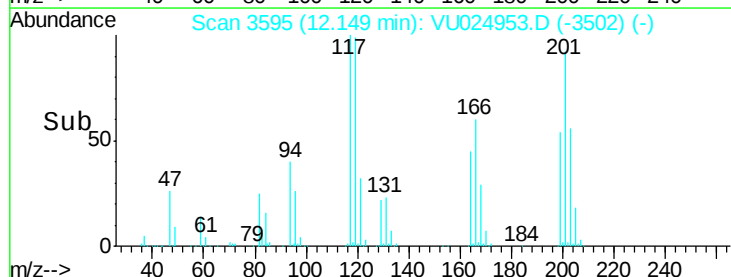
201 87.8 41.1 123.3

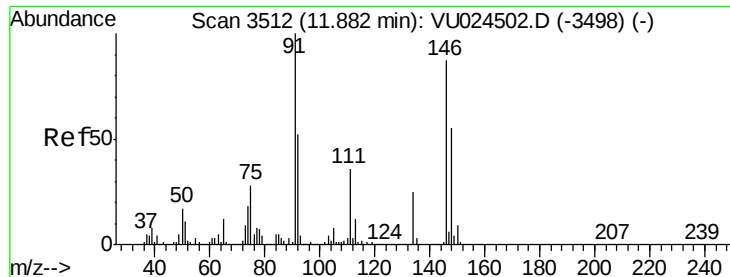


Abundance Ion 116.80 (116.50 to 117.50): VU024502.D (-3580) (-)

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

Time-->





#91

1,2-Dichlorobenzene

Concen: 52.096 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

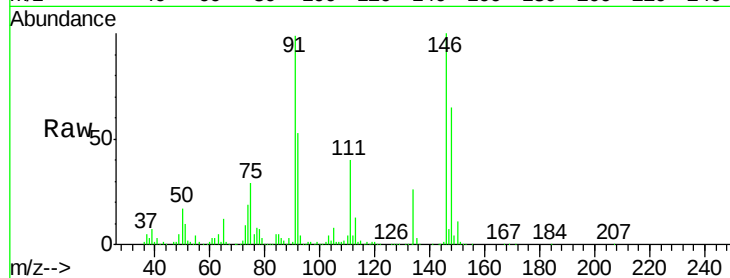
Tgt Ion:146 Resp: 331136

Ion Ratio Lower Upper

146 100

111 39.9 20.5 61.6

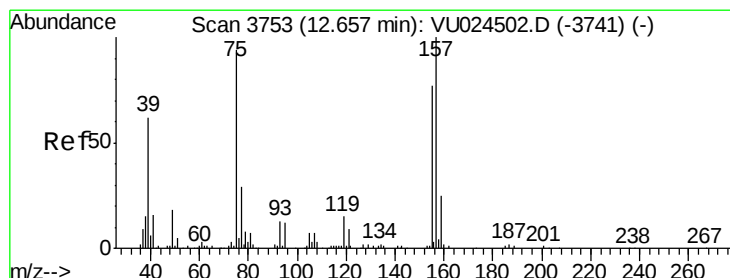
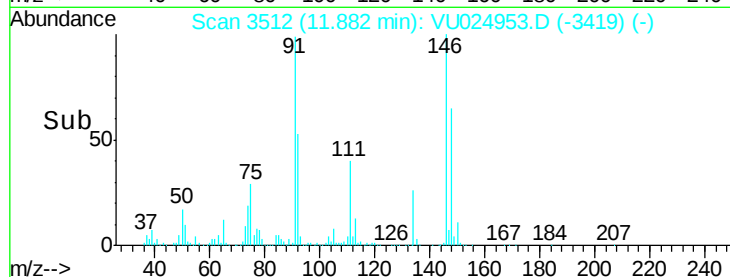
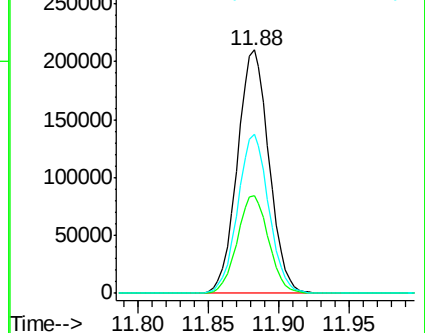
148 64.3 31.9 95.7



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: 47.171 ug/l

RT: 12.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

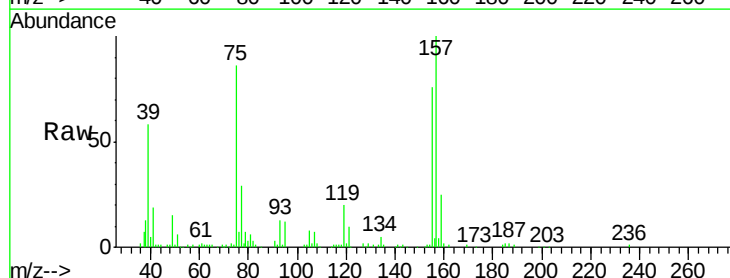
Tgt Ion: 75 Resp: 59178

Ion Ratio Lower Upper

75 100

155 91.5 40.4 121.2

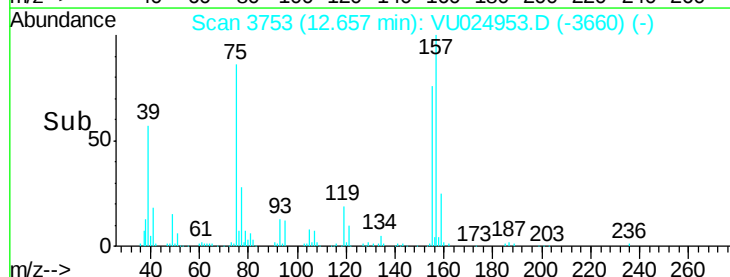
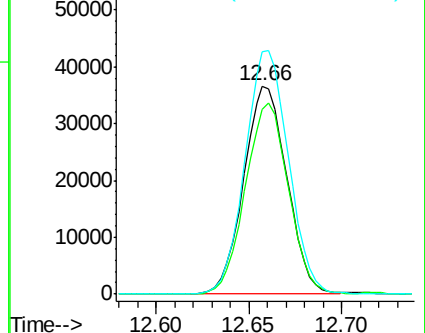
157 117.9 52.3 156.8

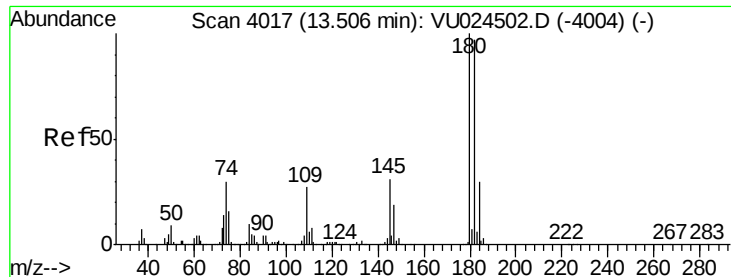


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

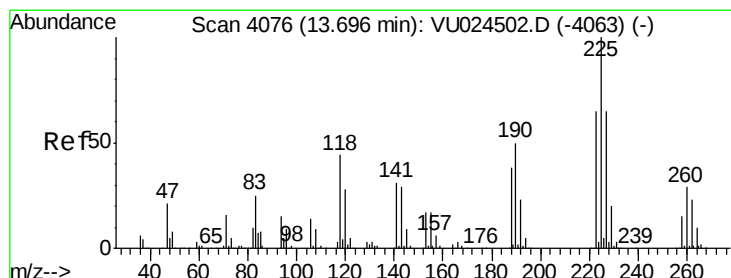
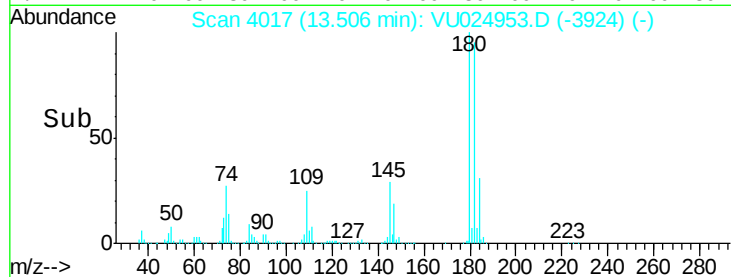
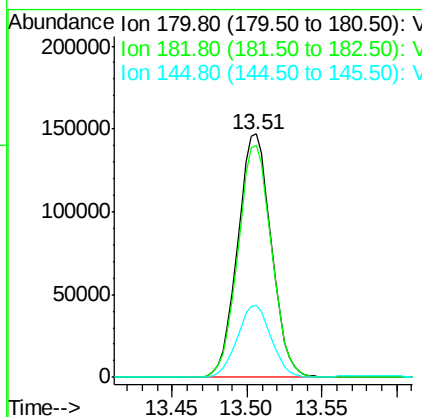
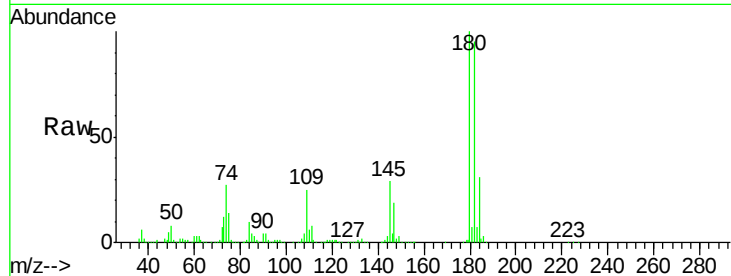




#93
 1,2,4-Trichlorobenzene
 Concen: 58.677 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

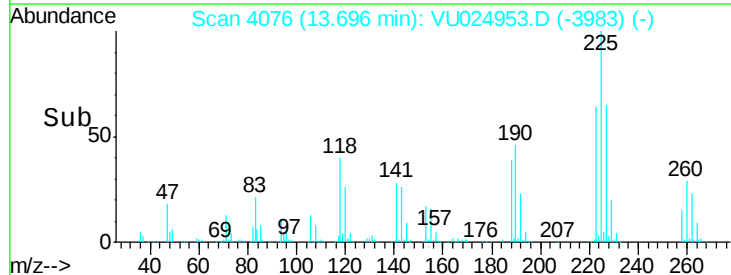
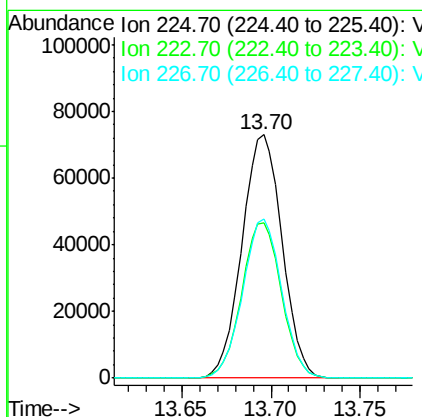
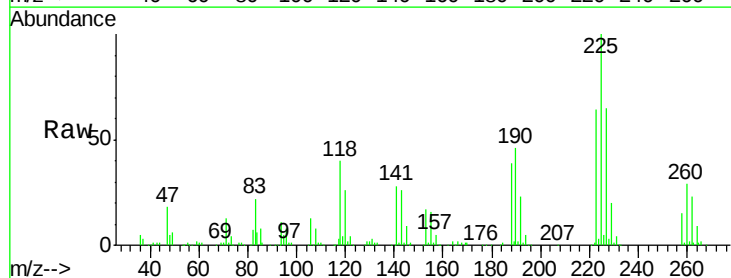
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

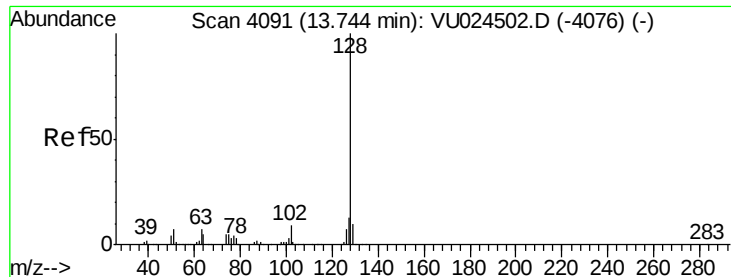
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.0	144.2
145	29.9	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 51.826 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024953.D
 Acq: 27 Jun 2018 04:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.3	93.8
227	63.5	31.8	95.4





#95

Naphthalene

Concen: 58.351 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

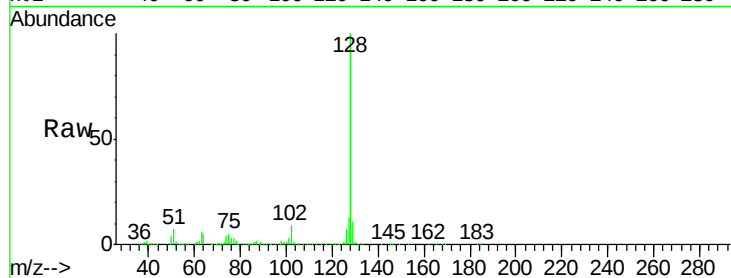
Tgt Ion:128 Resp: 759729

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

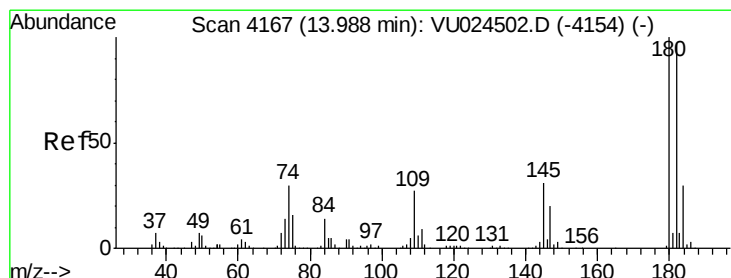
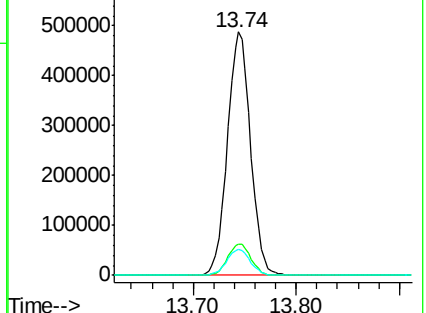
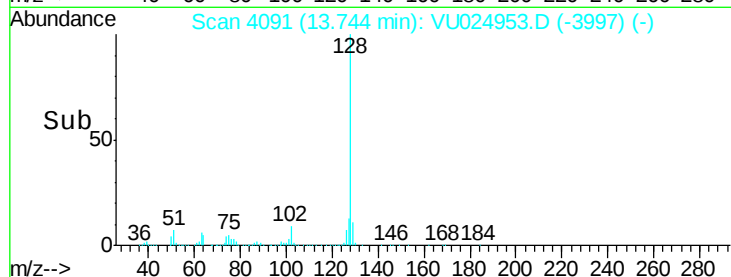
129 10.8 8.6 12.8



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: 62.172 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU024953.D

Acq: 27 Jun 2018 04:47

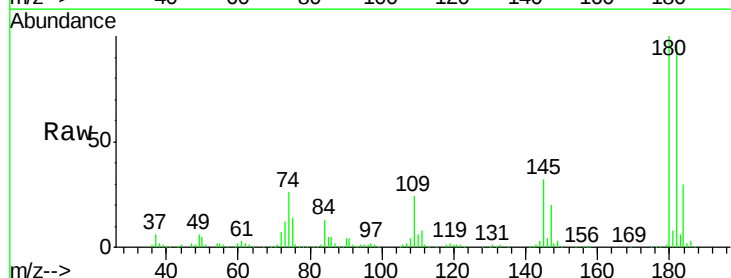
Tgt Ion:180 Resp: 243167

Ion Ratio Lower Upper

180 100

182 97.3 47.9 143.7

145 32.9 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

