

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU024928.D
 Acq On : 26 Jun 2018 18:33
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 04:13:07 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	175956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	269355	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	165609	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	124668	43.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.80%	
35) Dibromofluoromethane	4.89	113	102049	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
50) Toluene-d8	7.57	98	351819	43.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.30%	
62) 4-Bromofluorobenzene	10.31	95	147479	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	99507	45.181	ug/l 99
3) Chloromethane	1.33	50	105745	46.996	ug/l 100
4) Vinyl Chloride	1.40	62	112511	48.486	ug/l 100
5) Bromomethane	1.61	94	66749	59.504	ug/l 99
6) Chloroethane	1.69	64	72449	56.000	ug/l 100
7) Trichlorofluoromethane	1.88	101	186884	52.773	ug/l 100
8) Diethyl Ether	2.10	74	69910	58.323	ug/l 87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	109919	50.032	ug/l 98
10) Methyl Iodide	2.41	142	114898	60.549	ug/l 98
11) Tert butyl alcohol	2.83	59	167530	239.801	ug/l 100
12) 1,1-Dichloroethene	2.28	96	101140	50.481	ug/l 96
13) Acrolein	2.19	56	44369	120.941	ug/l 95
14) Allyl chloride	2.59	41	175701	47.231	ug/l 99
15) Acrylonitrile	2.93	53	342145	251.716	ug/l 99
16) Acetone	2.32	43	369723	239.551	ug/l 98
17) Carbon Disulfide	2.48	76	295230	46.019	ug/l 100
18) Methyl Acetate	2.62	43	188693	57.029	ug/l 98
19) Methyl tert-butyl Ether	3.00	73	399430	53.037	ug/l 97
20) Methylene Chloride	2.70	84	124875	51.565	ug/l 96
21) trans-1,2-Dichloroethene	2.98	96	114173	51.740	ug/l 95
22) Diisopropyl ether	3.57	45	385625	52.293	ug/l 95
23) Vinyl Acetate	3.53	43	1671247	252.994	ug/l 100
24) 1,1-Dichloroethane	3.45	63	219726	51.795	ug/l 99
25) 2-Butanone	4.26	43	524189	252.848	ug/l 100
26) 2,2-Dichloropropane	4.23	77	198098	49.178	ug/l 98
27) cis-1,2-Dichloroethene	4.23	96	133500	52.623	ug/l 99
28) Bromochloromethane	4.55	49	89030	47.646	ug/l 86
29) Tetrahydrofuran	4.63	42	316486	246.518	ug/l 96
30) Chloroform	4.68	83	233280	54.329	ug/l 98
31) Cyclohexane	5.00	56	202028	53.776	ug/l 94
32) 1,1,1-Trichloroethane	4.92	97	211075	53.159	ug/l 96
36) 1,1-Dichloropropene	5.14	75	170630	53.909	ug/l 97
37) Ethyl Acetate	4.38	43	185501	53.772	ug/l 97
38) Carbon Tetrachloride	5.14	117	192641	55.347	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	213655	54.092	ug/l	96
40) Benzene	5.39	78	494932	54.877	ug/l	99
41) Methacrylonitrile	4.54	41	103332	55.555	ug/l	97
42) 1,2-Dichloroethane	5.41	62	201290	58.600	ug/l	100
43) Isopropyl Acetate	5.55	43	303914	50.966	ug/l	99
44) Trichloroethene	6.19	130	137610	53.612	ug/l	96
45) 1,2-Dichloropropane	6.44	63	132755	55.166	ug/l	98
46) Dibromomethane	6.56	93	94025	55.626	ug/l	95
47) Bromodichloromethane	6.76	83	182658	54.267	ug/l	100
48) Methyl methacrylate	6.62	41	159489	54.927	ug/l	97
49) 1,4-Dioxane	6.62	88	74482	1311.655	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	985399	263.032	ug/l	98
52) Toluene	7.64	92	321480	55.404	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	198842	52.605	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	209940	52.123	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	131252	55.648	ug/l	99
56) Ethyl methacrylate	8.02	69	206923	52.416	ug/l	98
57) 1,3-Dichloropropane	8.25	76	221708	55.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	125112	82.724	ug/l	97
59) 2-Hexanone	8.36	43	807209	263.923	ug/l	99
60) Dibromochloromethane	8.48	129	151654	51.562	ug/l	99
61) 1,2-Dibromoethane	8.59	107	143895	54.813	ug/l	98
64) Tetrachloroethene	8.23	164	132798	54.903	ug/l	99
65) Chlorobenzene	9.12	112	366524	56.384	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	138698	56.160	ug/l	98
67) Ethyl Benzene	9.25	91	644204	56.529	ug/l	97
68) m/p-Xylenes	9.38	106	504517	115.291	ug/l	98
69) o-Xylene	9.78	106	251259	58.017	ug/l	96
70) Styrene	9.80	104	401796	56.456	ug/l	99
71) Bromoform	9.96	173	120721	51.427	ug/l #	98
73) Isopropylbenzene	10.17	105	682904	53.710	ug/l	100
74) N-amyl acetate	10.01	43	290589	48.049	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	220594	51.773	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	262903	72.105	ug/l	81
77) Bromobenzene	10.45	156	171483	53.274	ug/l	95
78) n-propylbenzene	10.59	91	784857	52.401	ug/l	97
79) 2-Chlorotoluene	10.66	91	467844	52.967	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	594229	53.921	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	262903	166.881	ug/l #	100
82) 4-Chlorotoluene	10.78	91	548346	53.339	ug/l	100
83) tert-Butylbenzene	11.10	119	588382	55.503	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	610137	54.327	ug/l	100
85) sec-Butylbenzene	11.33	105	714666	53.858	ug/l	99
86) p-Isopropyltoluene	11.48	119	639253	53.790	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	324183	54.512	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	327532	54.720	ug/l	99
89) n-Butylbenzene	11.89	91	539444	51.127	ug/l	97
90) Hexachloroethane	12.15	117	111876	48.257	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	335171	56.269	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	61672	52.457	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
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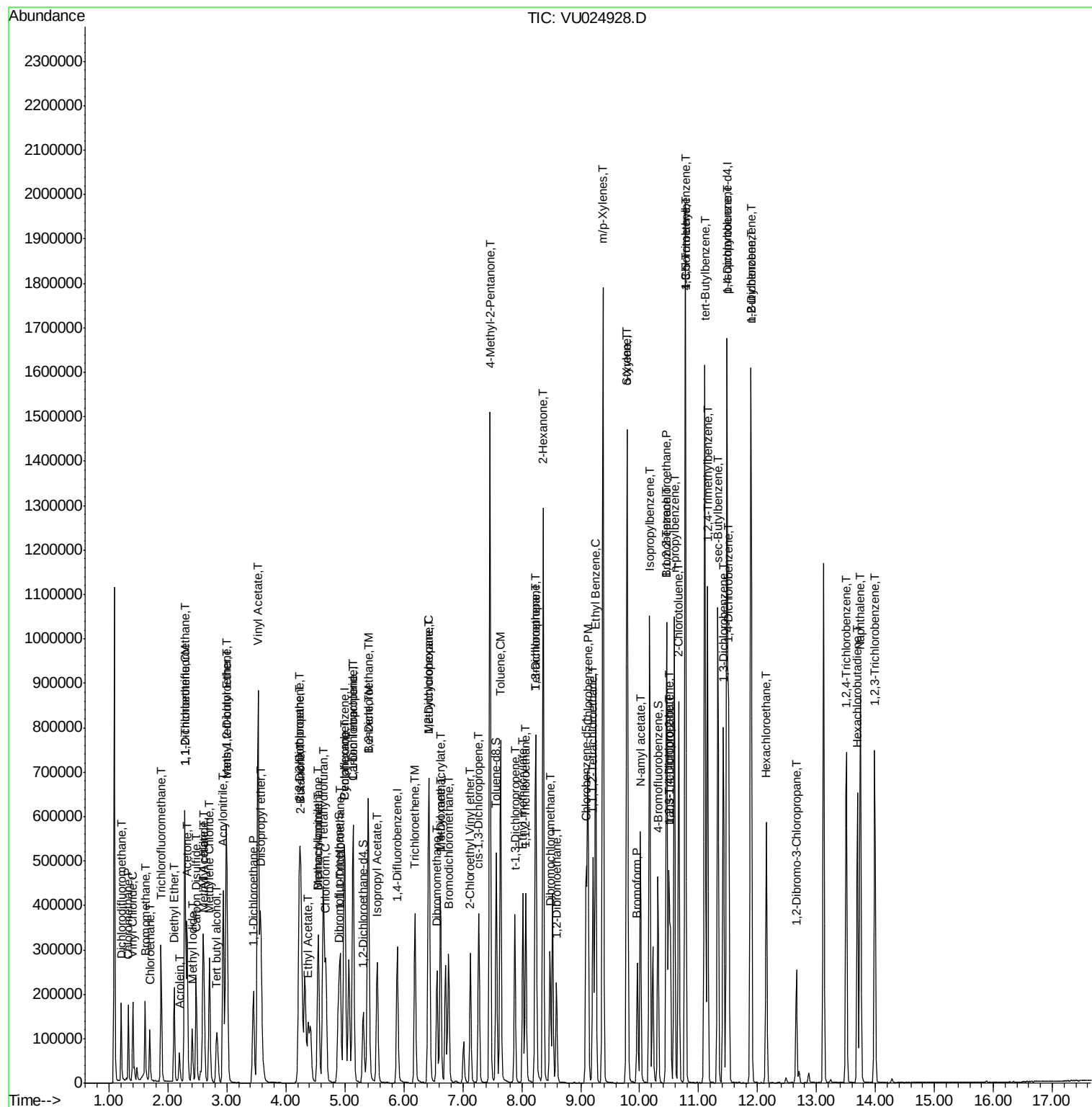
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	224166	60.942	ug/l	98
94) Hexachlorobutadiene	13.70	225	120260	58.086	ug/l	98
95) Naphthalene	13.74	128	695658	57.031	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	228886	62.447	ug/l	99

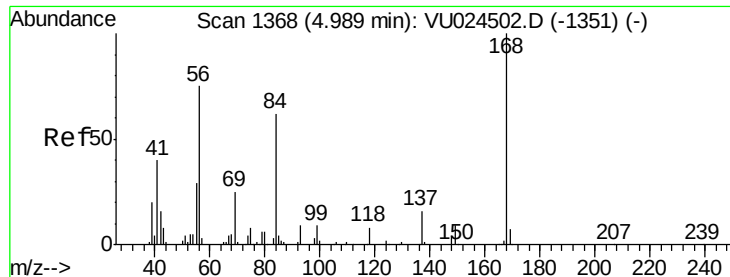
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

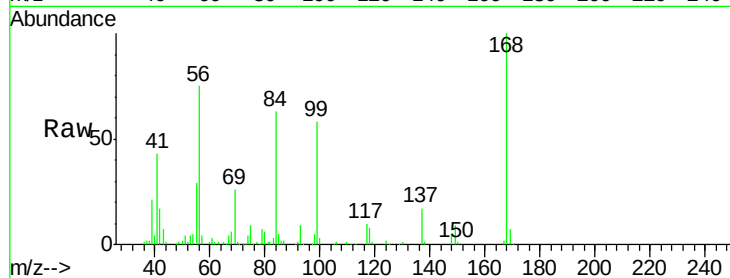
VSTDCCC050

Tgt Ion:168 Resp: 175956

Ion Ratio Lower Upper

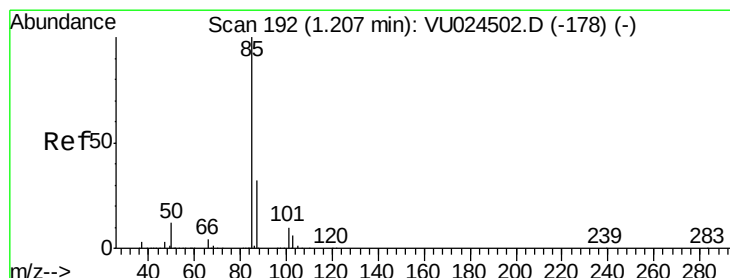
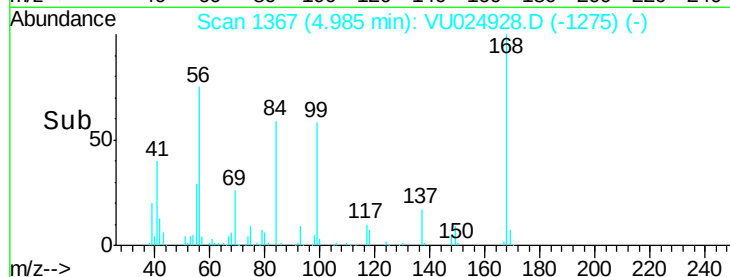
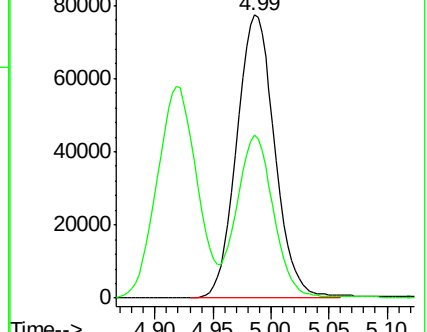
168 100

99 56.9 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) (-)



#2

Dichlorodifluoromethane

Concen: 45.181 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024928.D

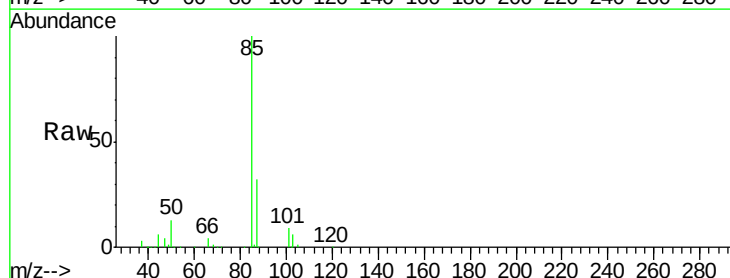
Acq: 26 Jun 2018 18:33

Tgt Ion: 85 Resp: 99507

Ion Ratio Lower Upper

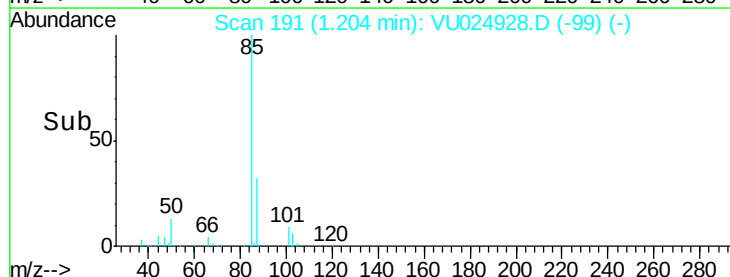
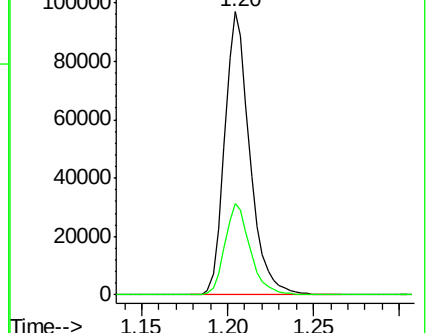
85 100

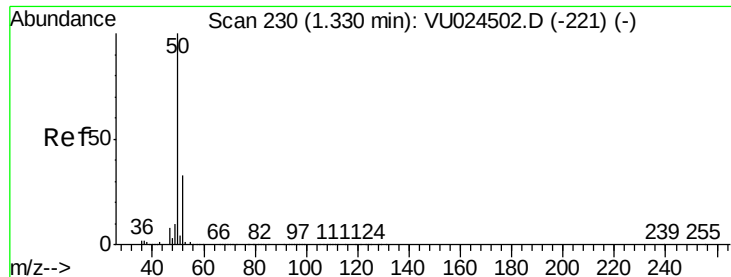
87 32.5 16.1 48.2



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

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





#3

Chloromethane

Concen: 46.996 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

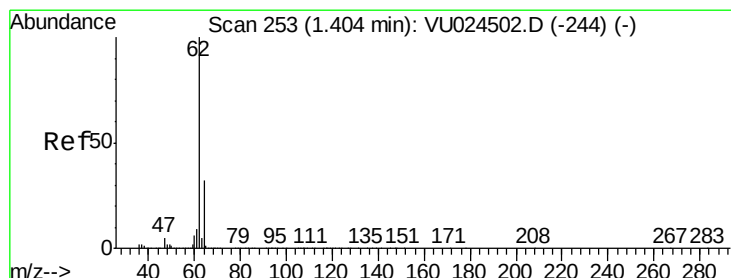
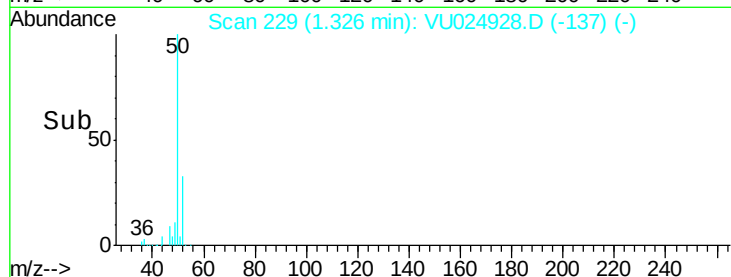
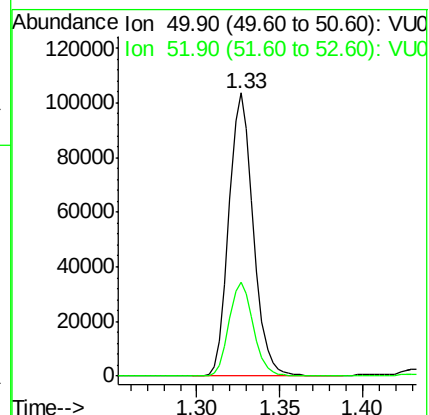
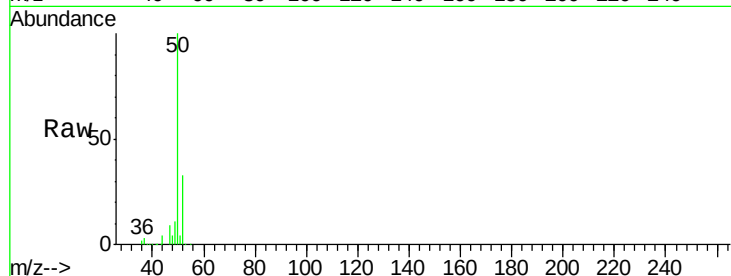
VSTDCCC050

Tgt Ion: 50 Resp: 105745

Ion Ratio Lower Upper

50 100

52 33.3 26.4 39.6



#4

Vinyl Chloride

Concen: 48.486 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024928.D

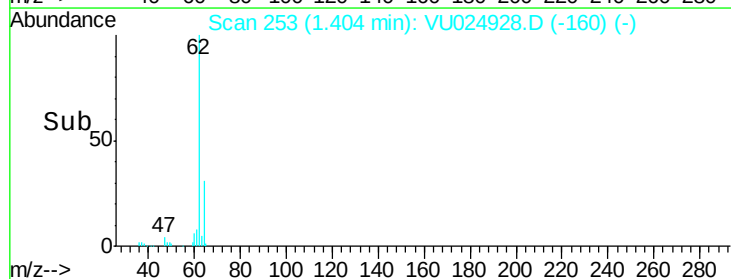
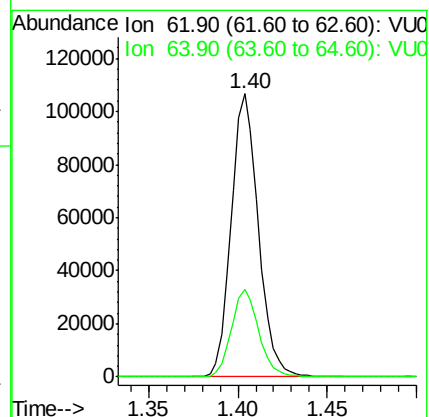
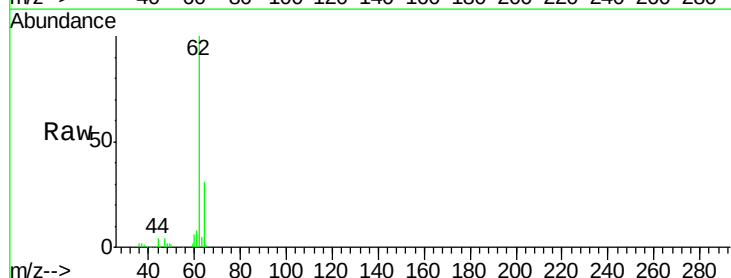
Acq: 26 Jun 2018 18:33

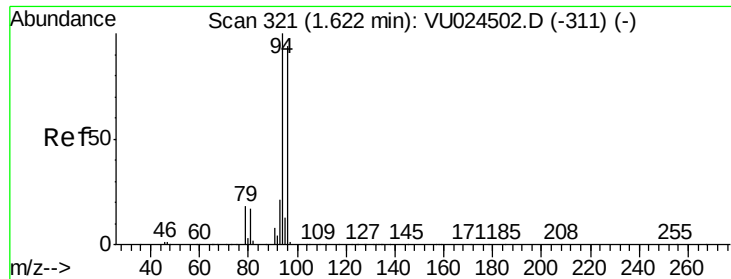
Tgt Ion: 62 Resp: 112511

Ion Ratio Lower Upper

62 100

64 30.9 24.8 37.2





#5

Bromomethane

Concen: 59.504 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

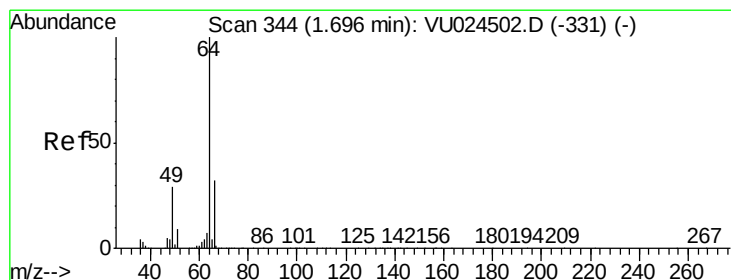
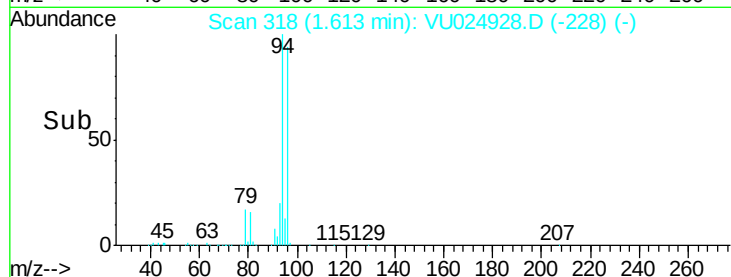
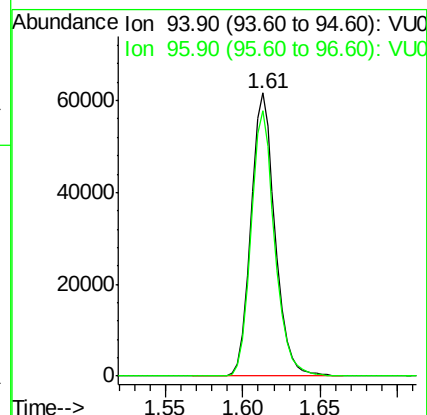
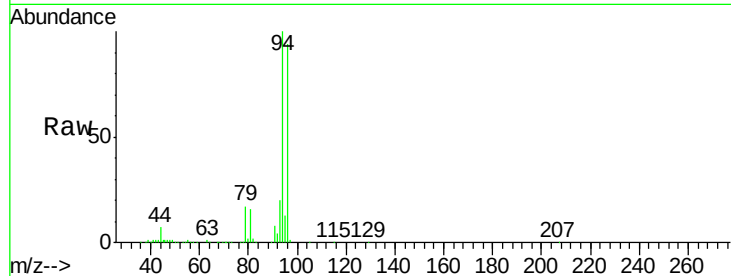
VSTDCCC050

Tgt Ion: 94 Resp: 66749

Ion Ratio Lower Upper

94 100

96 93.7 74.5 111.7



#6

Chloroethane

Concen: 56.000 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU024928.D

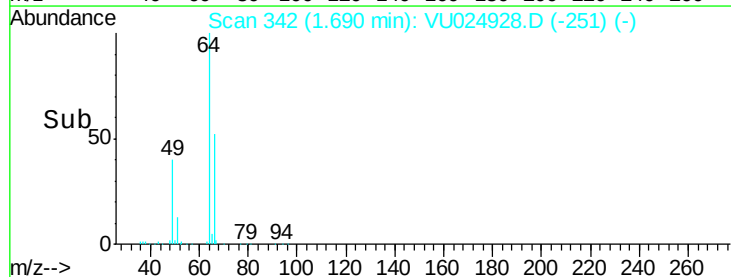
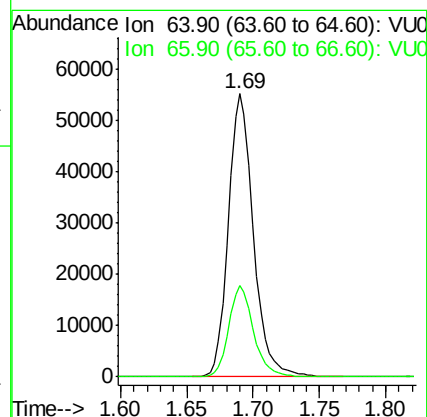
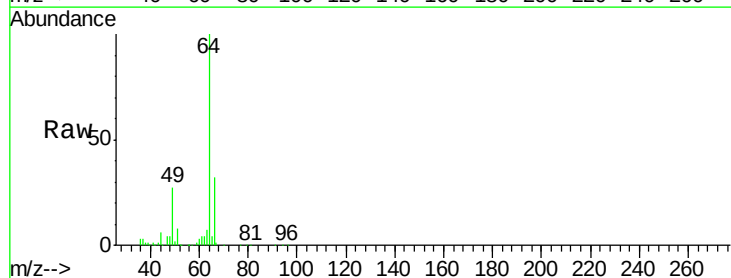
Acq: 26 Jun 2018 18:33

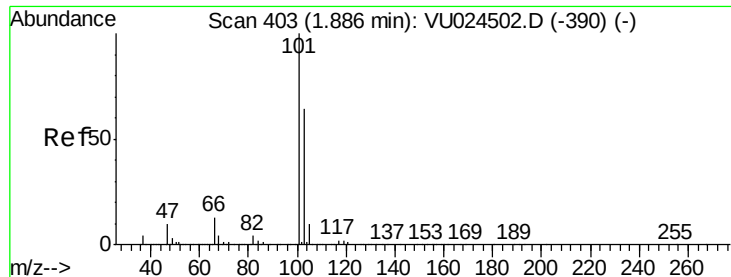
Tgt Ion: 64 Resp: 72449

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3



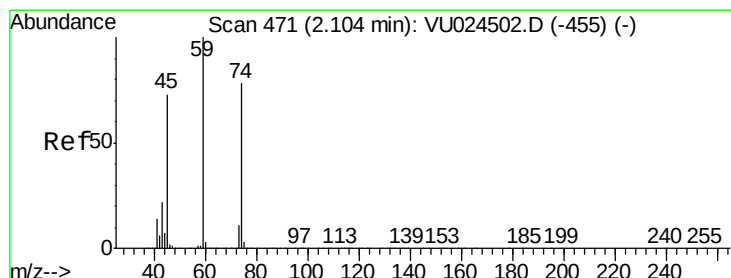
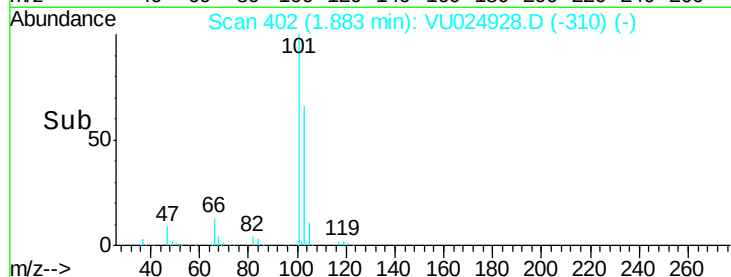
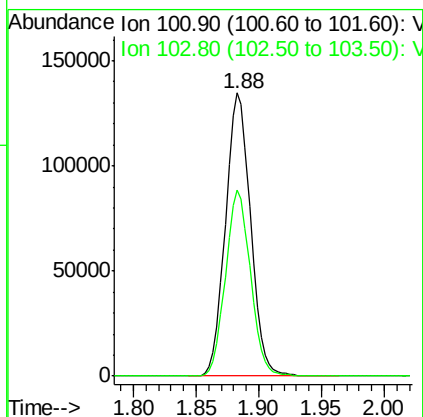
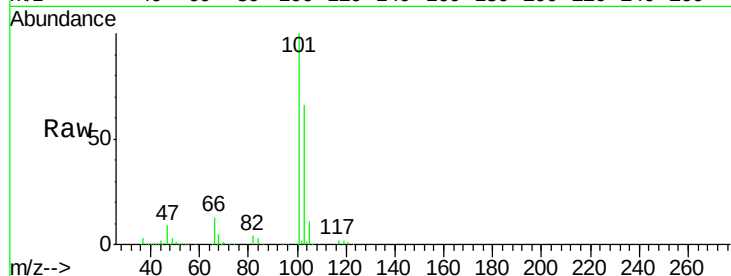


#7

Trichlorofluoromethane
Concen: 52.773 ug/l
RT: 1.88 min Scan# 402
Delta R.T. -0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

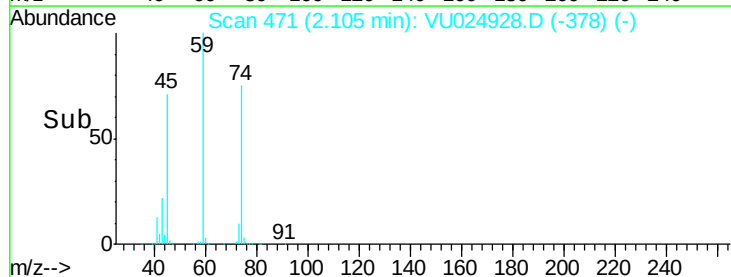
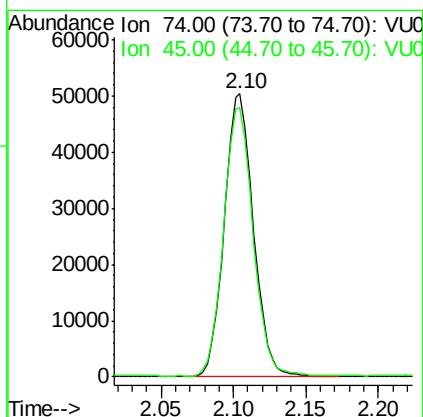
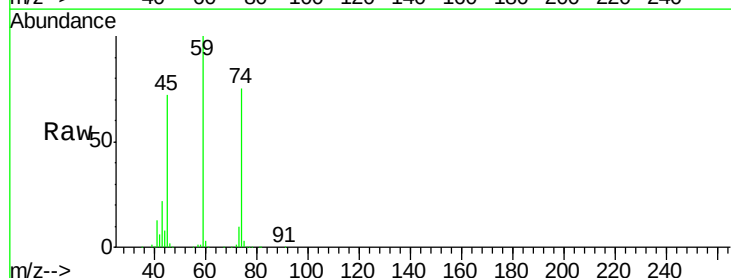
Tgt Ion:101 Resp: 186884
Ion Ratio Lower Upper
101 100
103 65.7 52.3 78.5

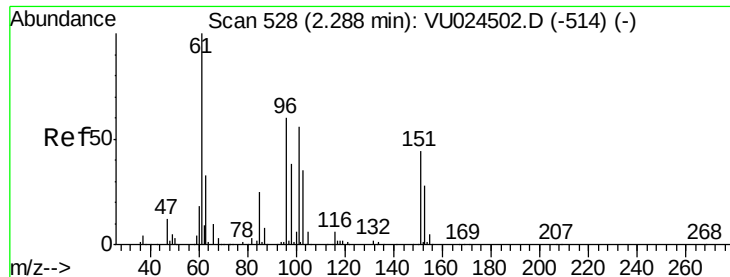


#8

Diethyl Ether
Concen: 58.323 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

Tgt Ion: 74 Resp: 69910
Ion Ratio Lower Upper
74 100
45 96.5 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.032 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

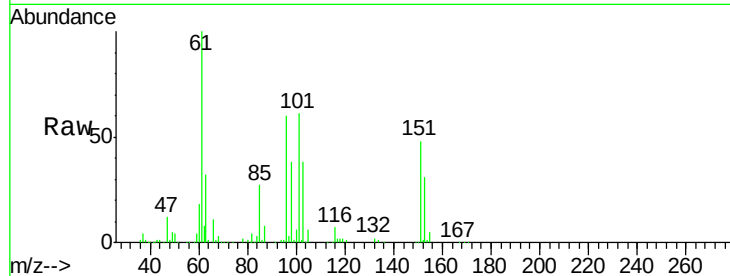
Tgt Ion:101 Resp: 109919

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

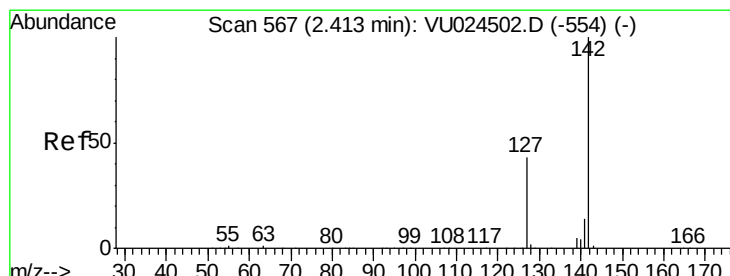
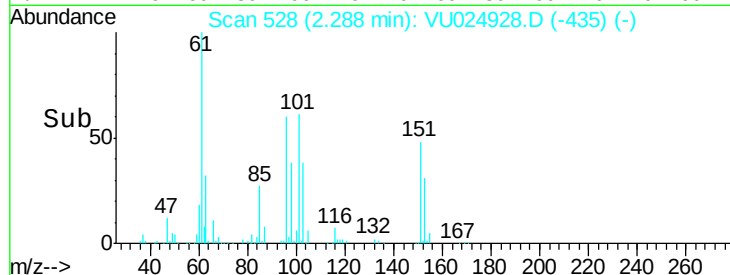
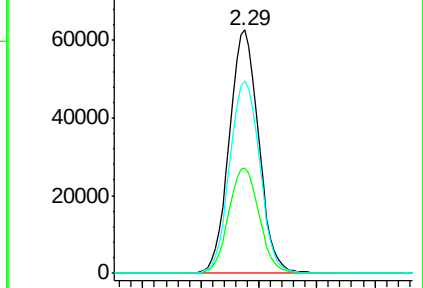
151 81.2 62.3 93.5



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: 60.549 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

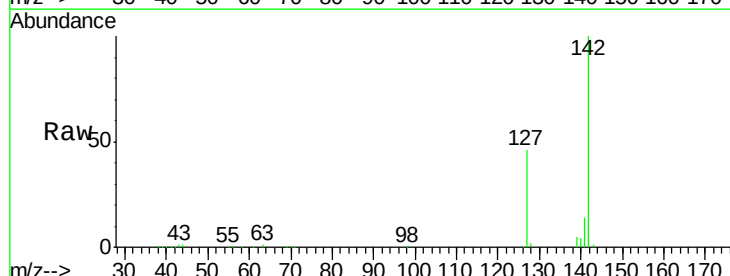
Tgt Ion:142 Resp: 114898

Ion Ratio Lower Upper

142 100

127 45.7 35.6 53.4

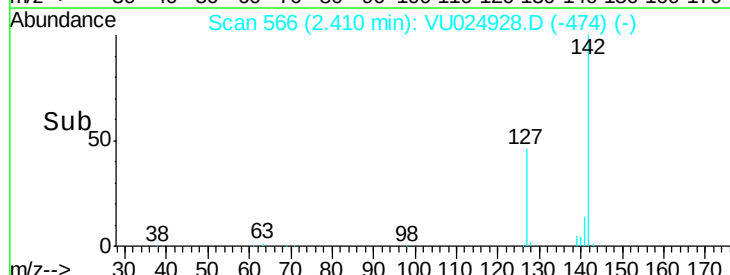
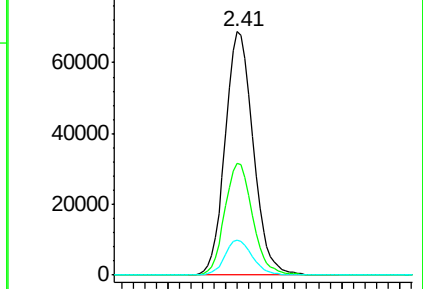
141 14.2 11.7 17.5

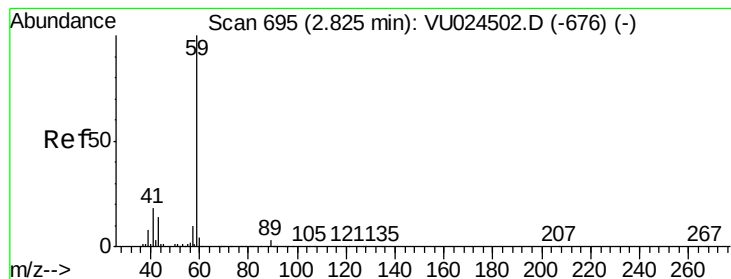


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



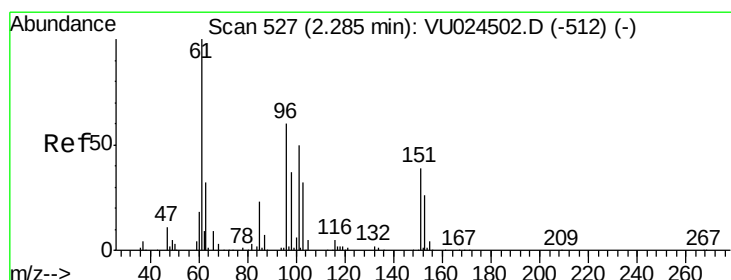
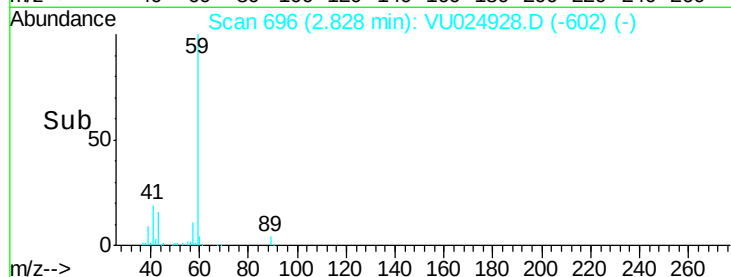
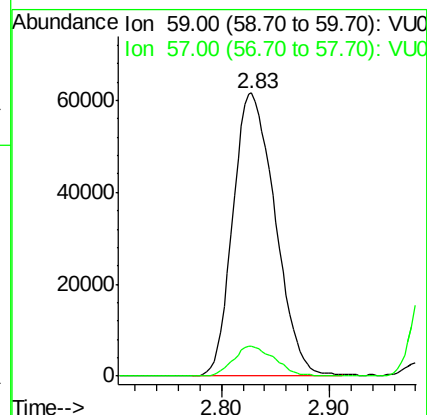
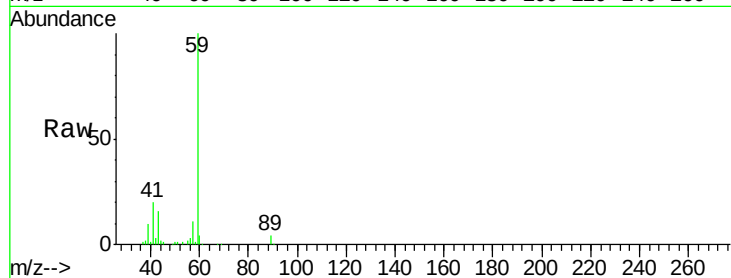


#11

Tert butyl alcohol
 Concen: 239.801 ug/l
 RT: 2.83 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

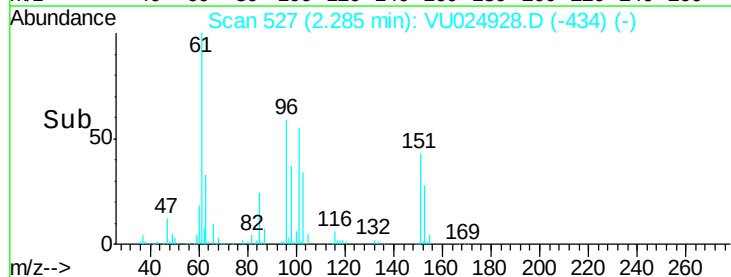
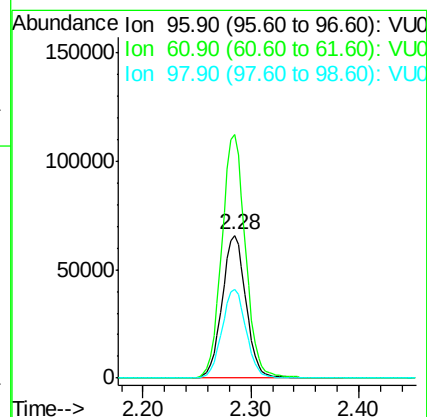
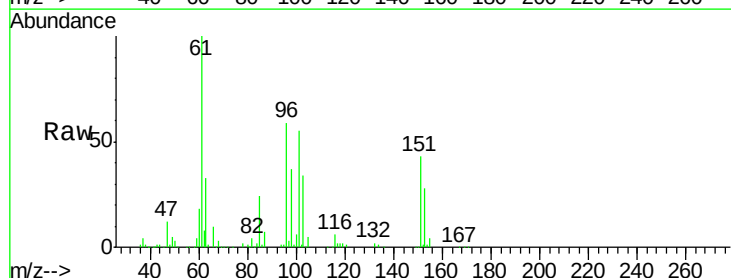
Tgt Ion: 59 Resp: 167530
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

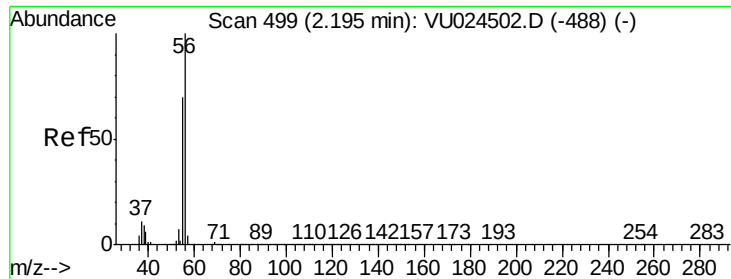


#12

1,1-Dichloroethene
 Concen: 50.481 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

Tgt Ion: 96 Resp: 101140
 Ion Ratio Lower Upper
 96 100
 61 170.4 141.7 212.5
 98 62.6 51.6 77.4





#13

Acrolein

Concen: 120.941 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

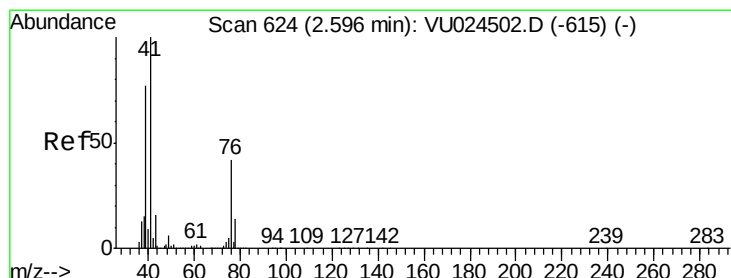
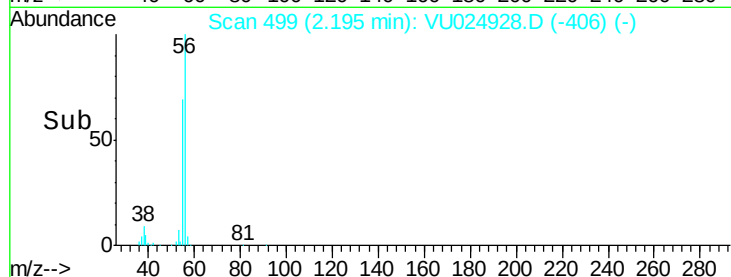
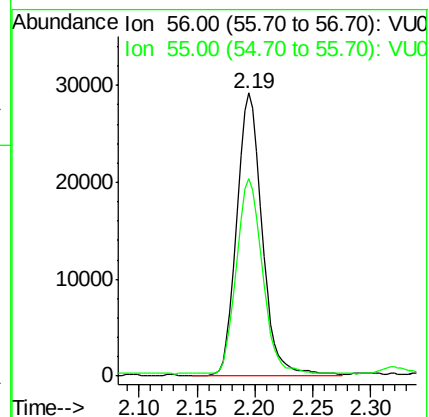
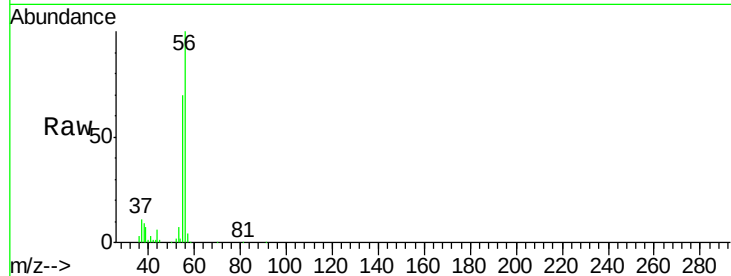
VSTDCCC050

Tgt Ion: 56 Resp: 44369

Ion Ratio Lower Upper

56 100

55 69.0 58.4 87.6



#14

Allyl chloride

Concen: 47.231 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

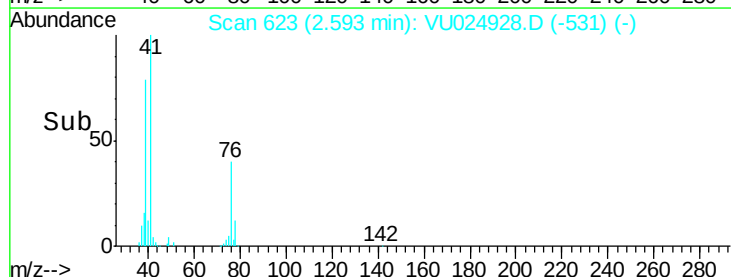
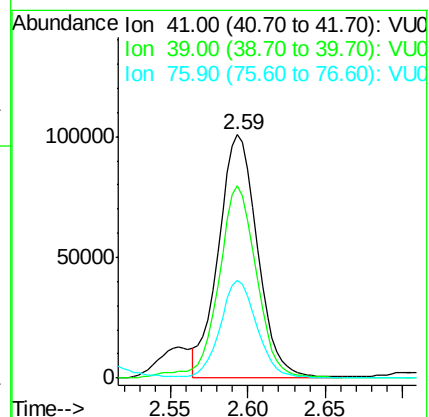
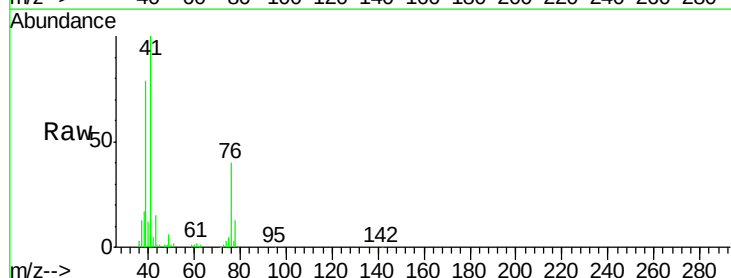
Tgt Ion: 41 Resp: 175701

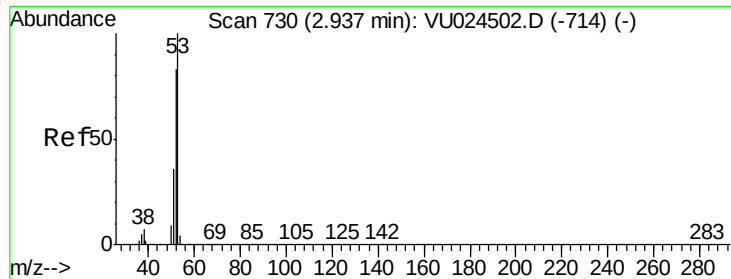
Ion Ratio Lower Upper

41 100

39 77.0 61.6 92.4

76 38.1 29.7 44.5

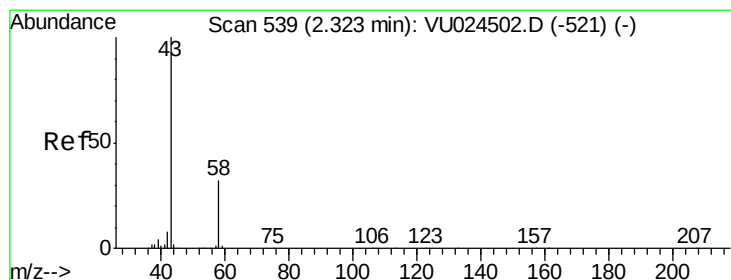
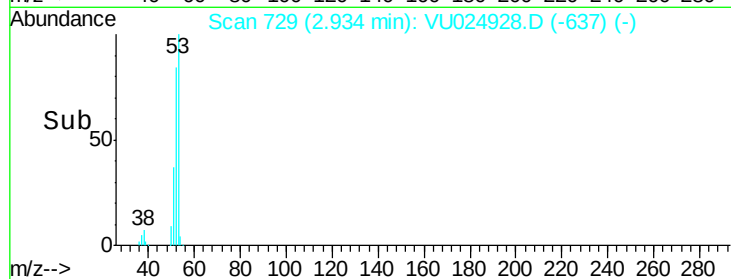
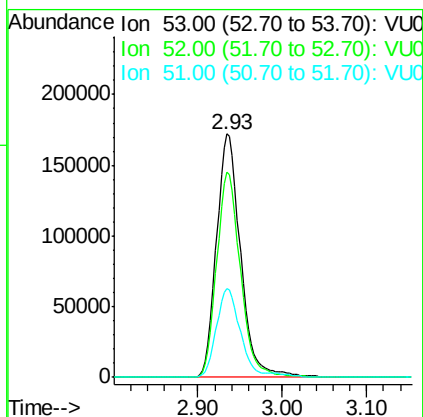
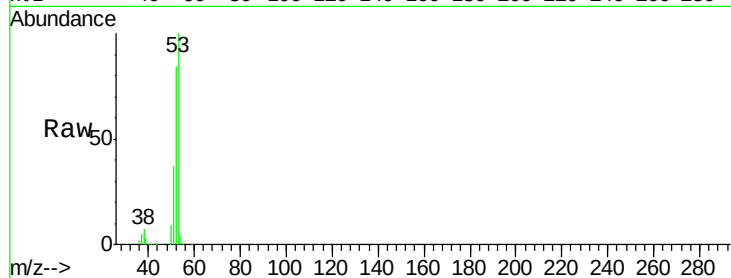




#15
 Acrylonitrile
 Concen: 251.716 ug/l
 RT: 2.93 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

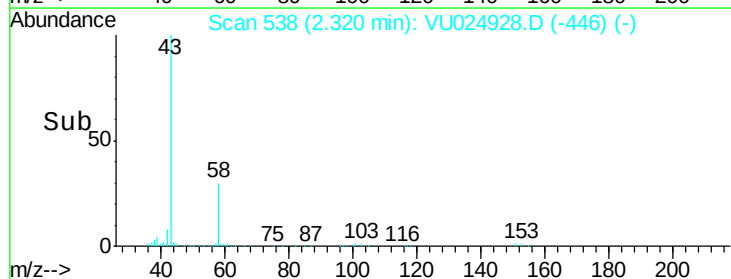
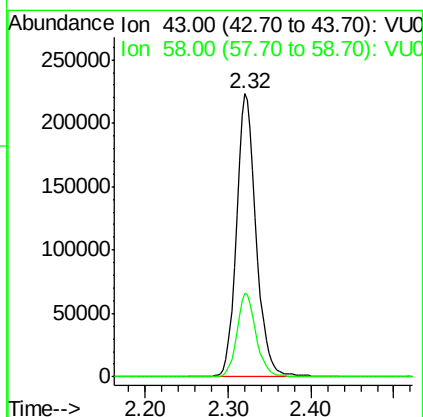
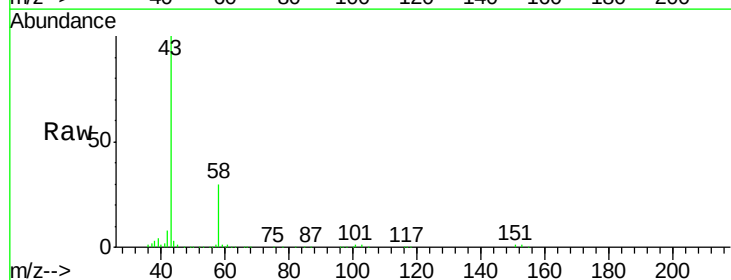
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

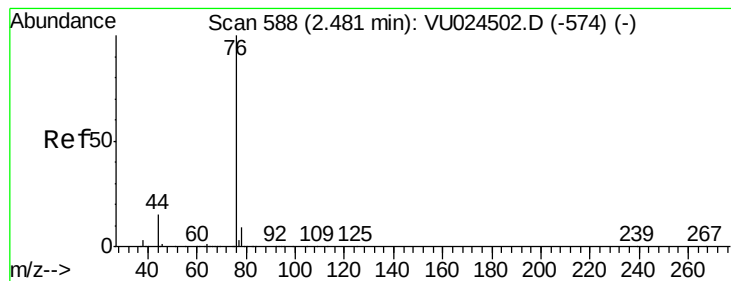
Tgt Ion: 53 Resp: 342145
 Ion Ratio Lower Upper
 53 100
 52 83.3 67.1 100.7
 51 37.4 28.4 42.6



#16
 Acetone
 Concen: 239.551 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

Tgt Ion: 43 Resp: 369723
 Ion Ratio Lower Upper
 43 100
 58 29.4 24.4 36.6





#17

Carbon Disulfide

Concen: 46.019 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

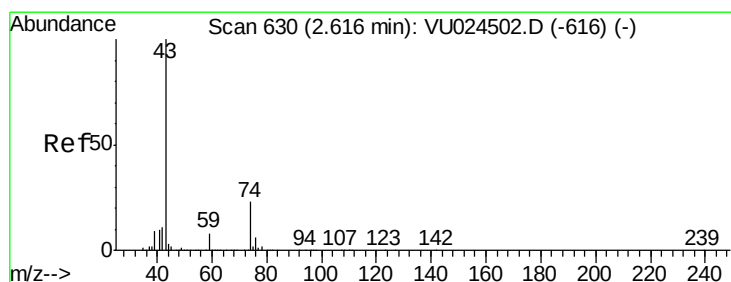
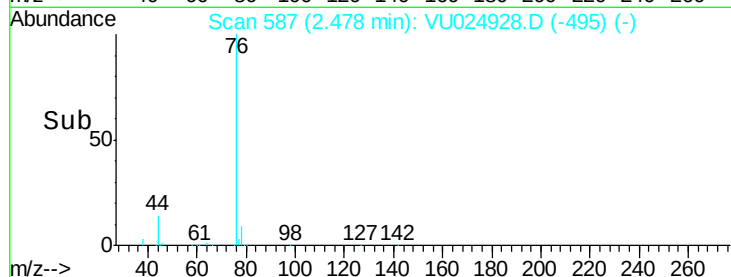
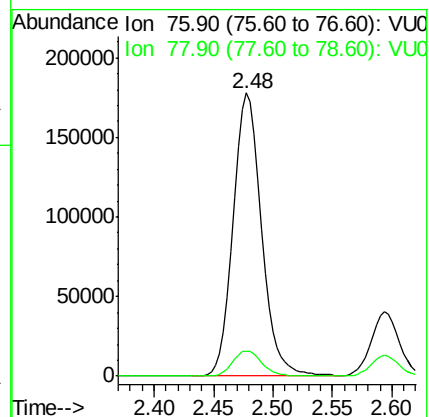
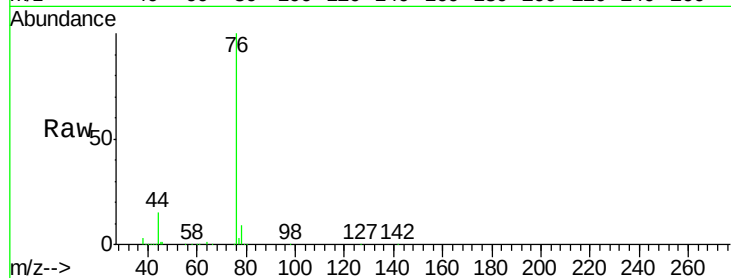
VSTDCCC050

Tgt Ion: 76 Resp: 295230

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 57.029 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024928.D

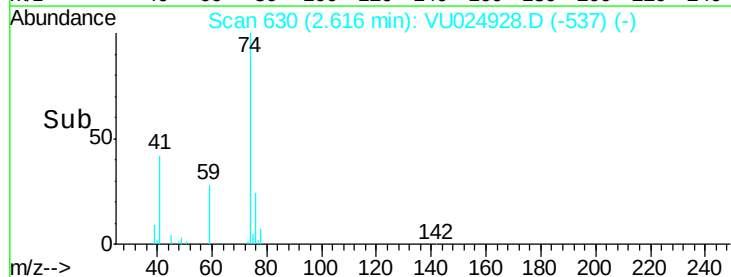
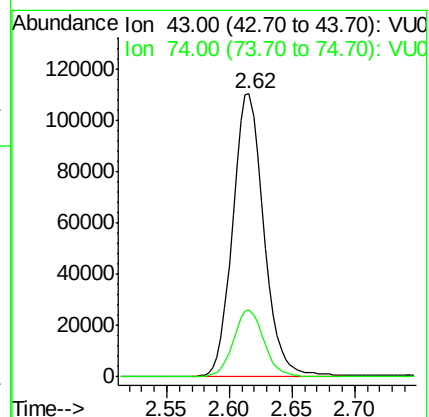
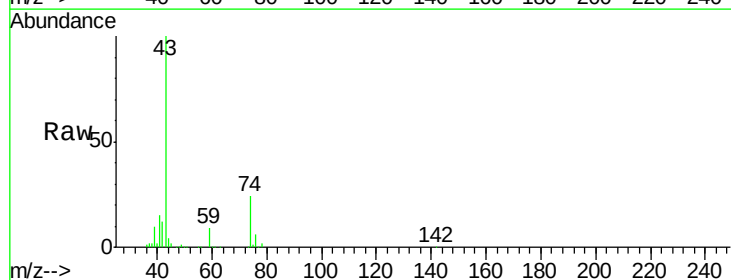
Acq: 26 Jun 2018 18:33

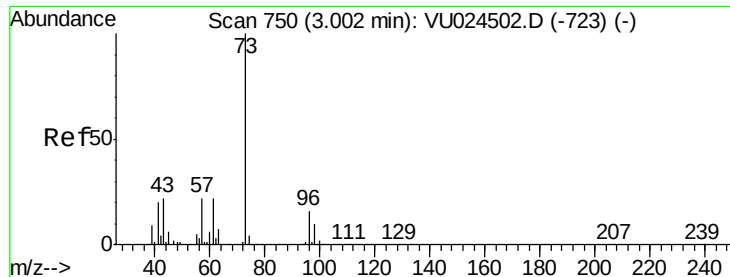
Tgt Ion: 43 Resp: 188693

Ion Ratio Lower Upper

43 100

74 23.7 18.0 27.0

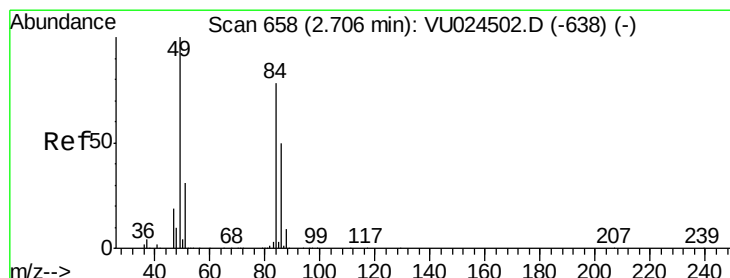
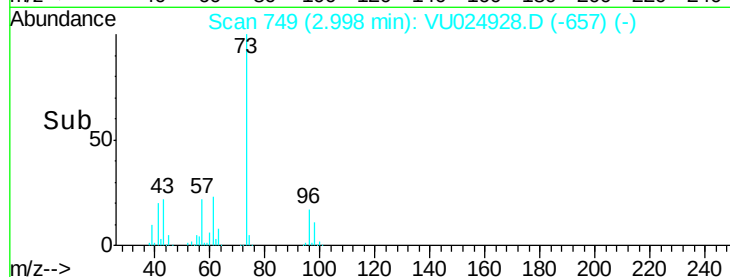
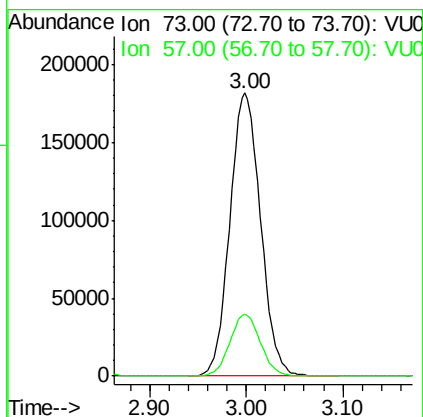
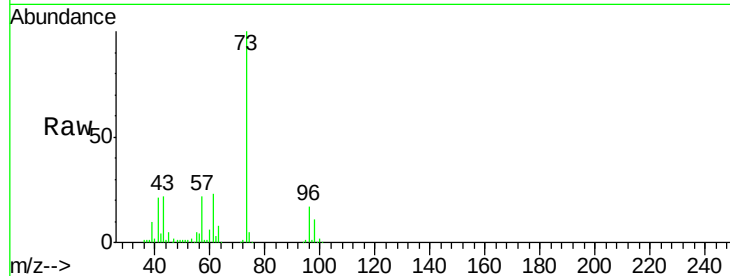




#19
Methyl tert-butyl Ether
Concen: 53.037 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

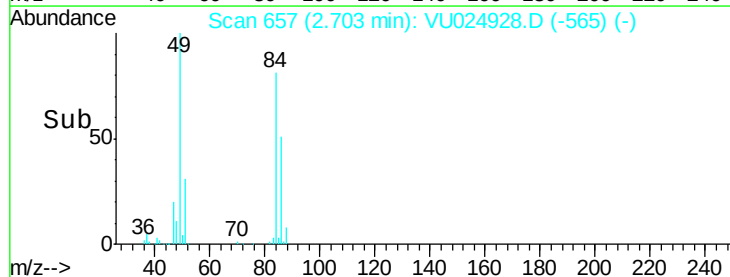
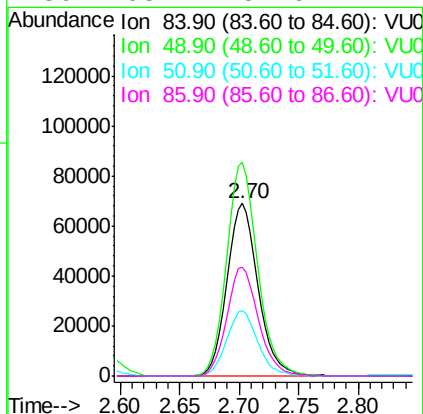
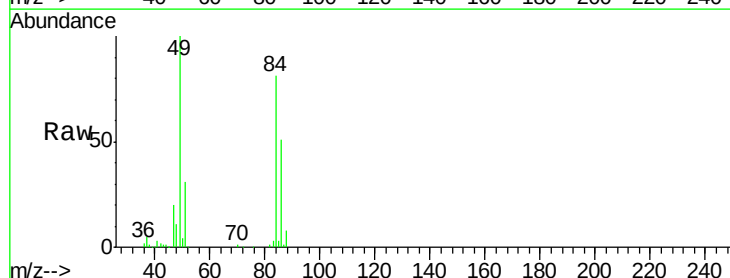
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

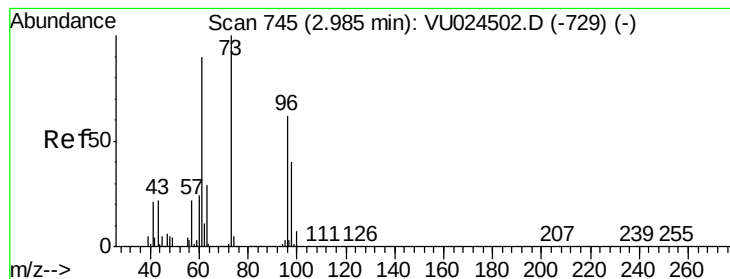
Tgt Ion: 73 Resp: 399430
Ion Ratio Lower Upper
73 100
57 21.9 18.8 28.2



#20
Methylene Chloride
Concen: 51.565 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

Tgt Ion: 84 Resp: 124875
Ion Ratio Lower Upper
84 100
49 124.0 103.8 155.8
51 38.3 32.0 48.0
86 63.4 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 51.740 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

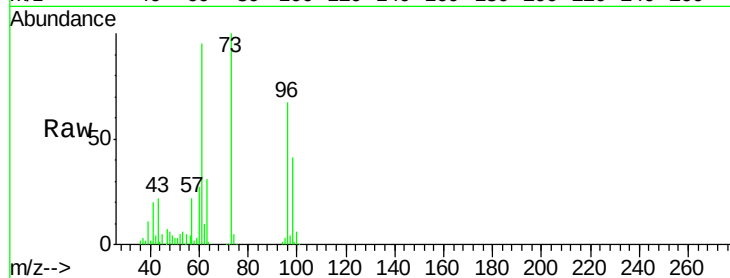
Tgt Ion: 96 Resp: 114173

Ion Ratio Lower Upper

96 100

61 142.3 119.4 179.0

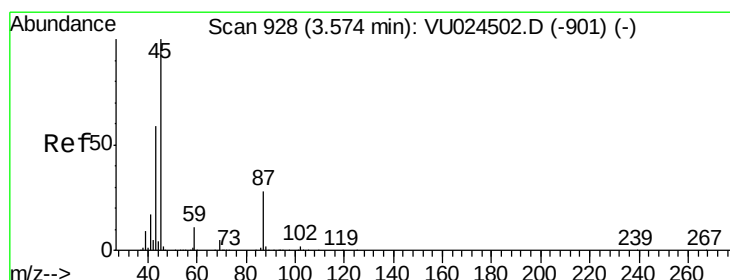
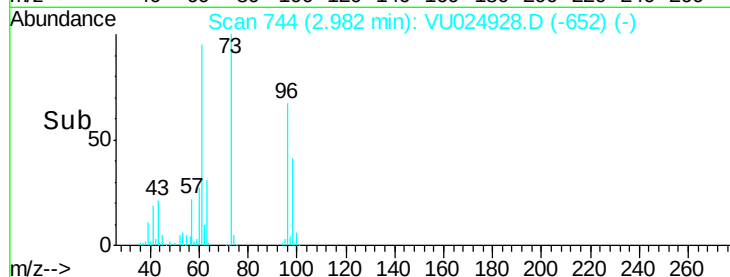
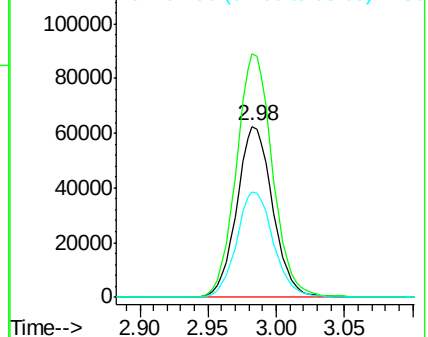
98 61.7 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024928.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VU024928.D (-652) (-)

Ion 97.90 (97.60 to 98.60): VU024928.D (-652) (-)



#22

Diisopropyl ether

Concen: 52.293 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Tgt Ion: 45 Resp: 385625

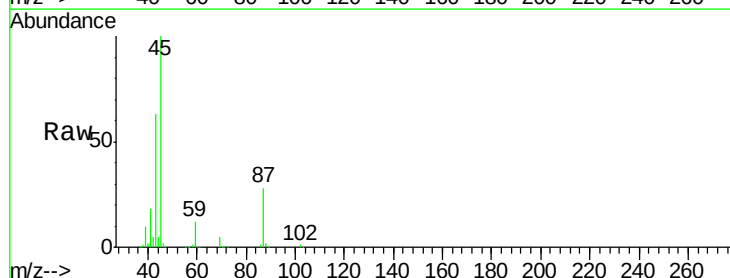
Ion Ratio Lower Upper

45 100

43 61.7 45.8 68.6

87 27.5 20.6 31.0

59 11.5 9.4 14.0

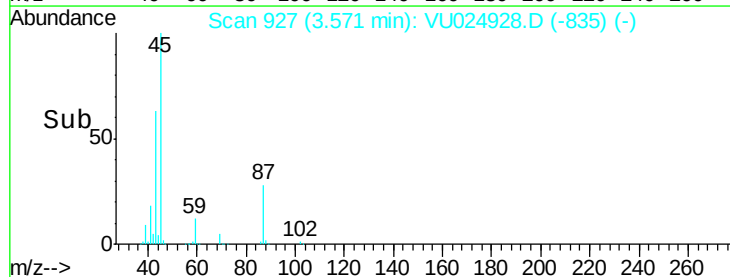
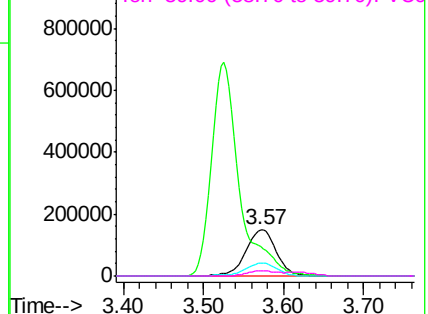


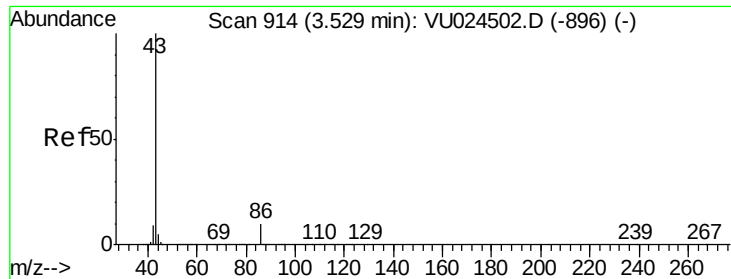
Abundance Ion 45.00 (44.70 to 45.70): VU024928.D (-835) (-)

Ion 43.00 (42.70 to 43.70): VU024928.D (-835) (-)

Ion 87.00 (86.70 to 87.70): VU024928.D (-835) (-)

Ion 59.00 (58.70 to 59.70): VU024928.D (-835) (-)





#23

Vinyl Acetate

Concen: 252.994 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

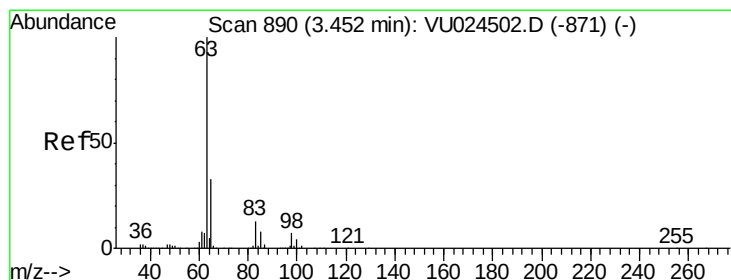
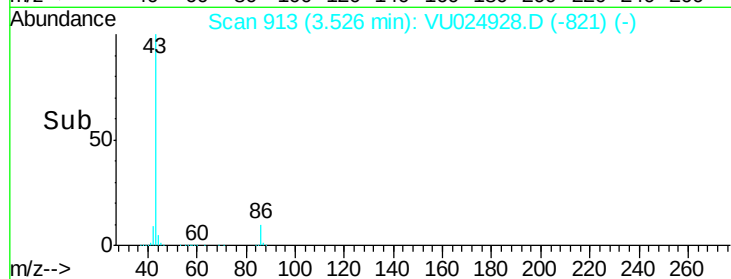
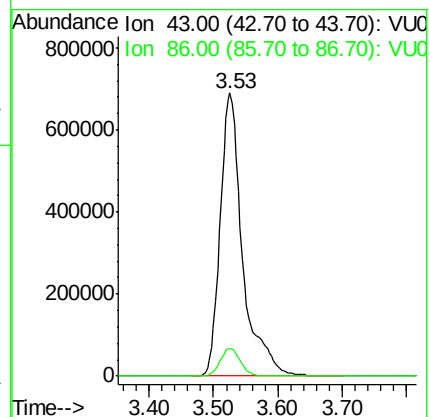
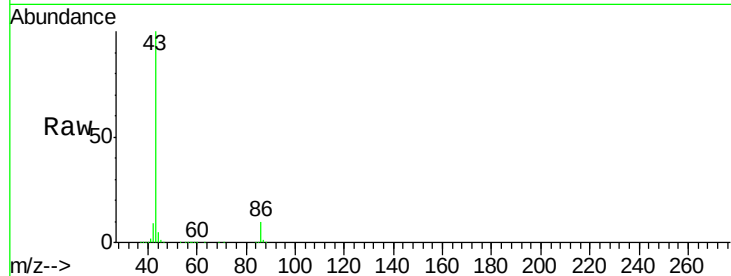
VSTDCCC050

Tgt Ion: 43 Resp: 1671247

Ion Ratio Lower Upper

43 100

86 9.9 7.8 11.8



#24

1,1-Dichloroethane

Concen: 51.795 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

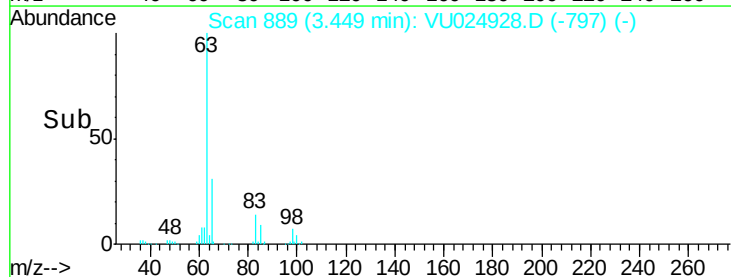
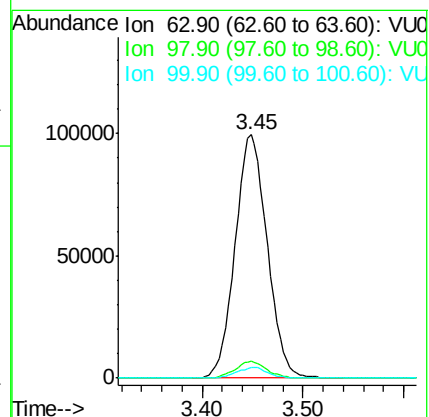
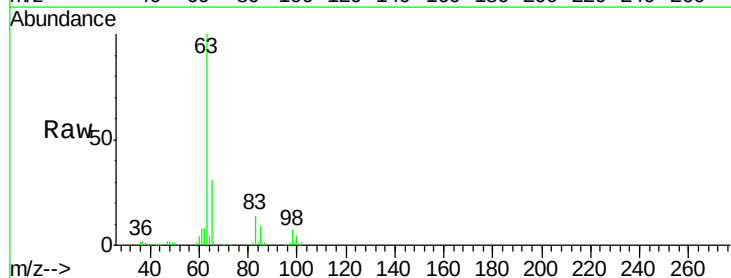
Tgt Ion: 63 Resp: 219726

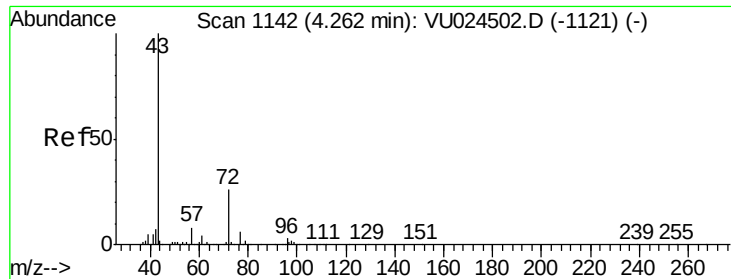
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.2 1.8 5.5

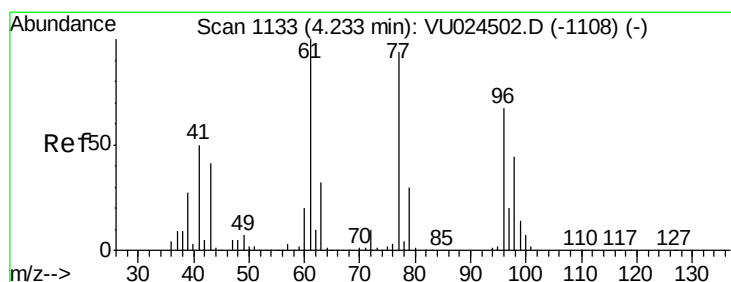
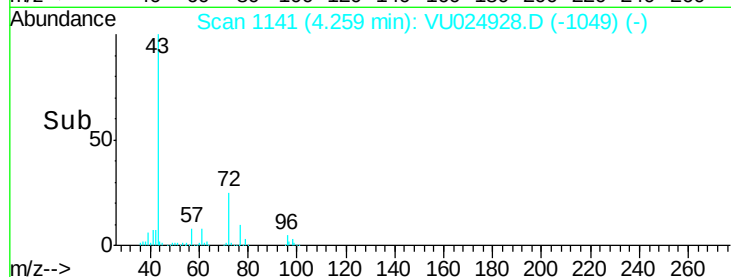
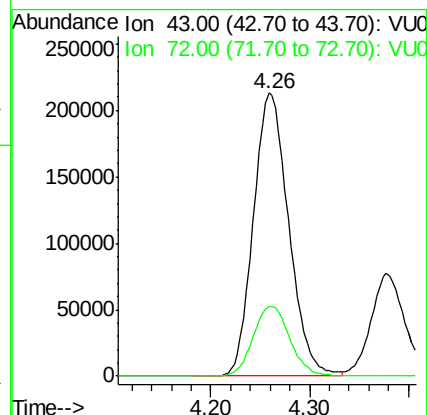
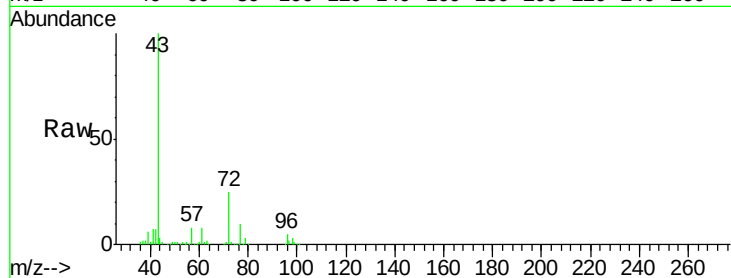




#25
2-Butanone
Concen: 252.848 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

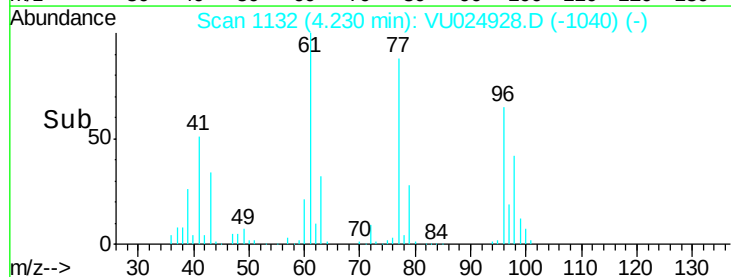
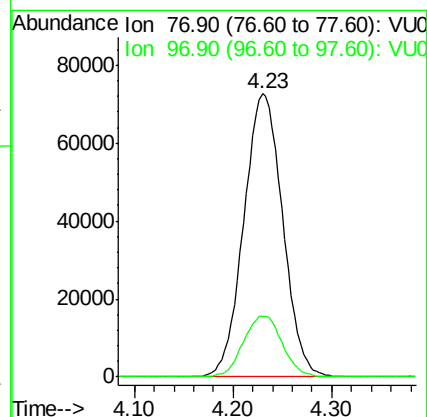
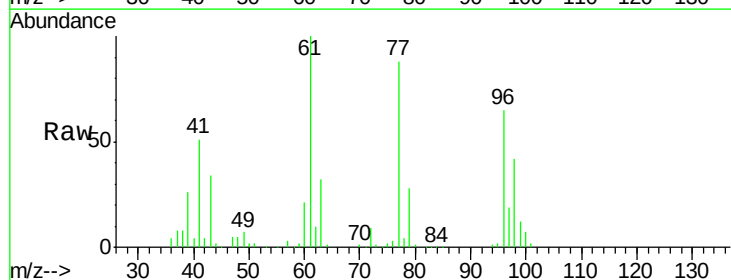
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

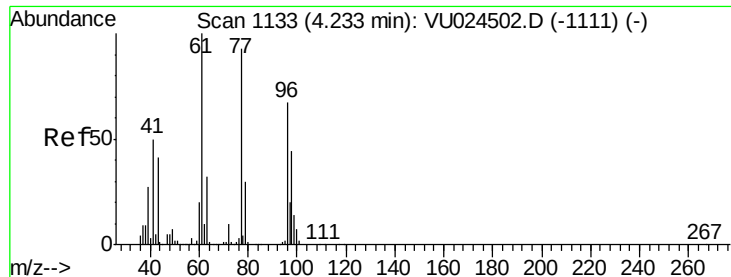
Tgt Ion: 43 Resp: 524189
Ion Ratio Lower Upper
43 100
72 24.6 19.6 29.4



#26
2,2-Dichloropropane
Concen: 49.178 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

Tgt Ion: 77 Resp: 198098
Ion Ratio Lower Upper
77 100
97 21.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 52.623 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

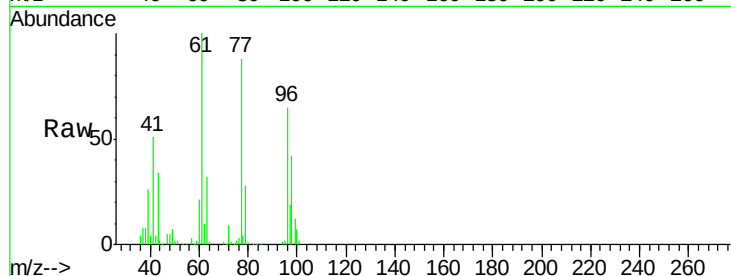
Tgt Ion: 96 Resp: 133500

Ion Ratio Lower Upper

96 100

61 154.8 0.0 306.6

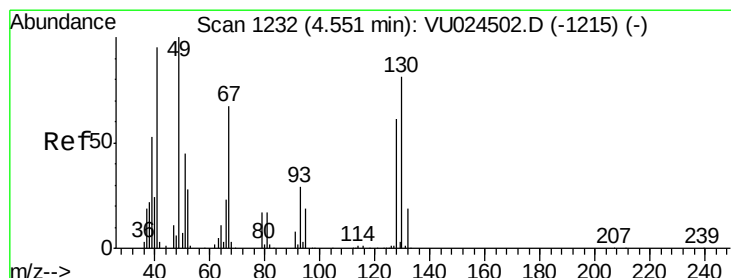
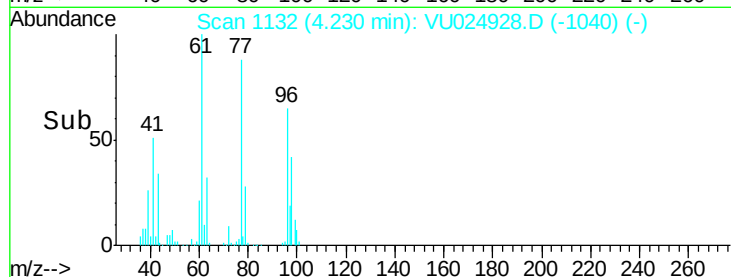
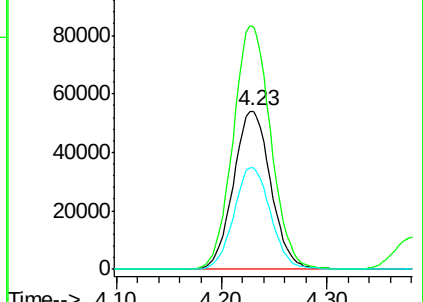
98 63.4 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU024928.D (-1040) (-)

Ion 60.90 (60.60 to 61.60): VU024928.D (-1040) (-)

Ion 97.90 (97.60 to 98.60): VU024928.D (-1040) (-)



#28

Bromochloromethane

Concen: 47.646 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

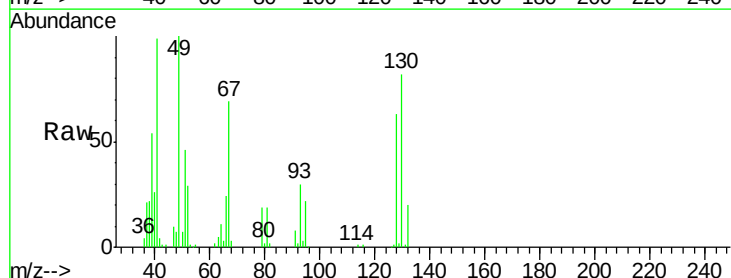
Tgt Ion: 49 Resp: 89030

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

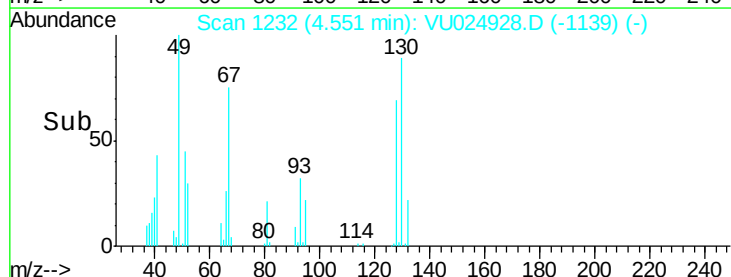
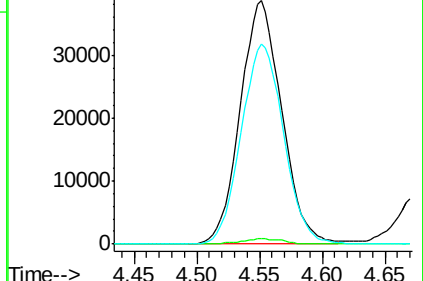
130 83.8 57.8 86.6

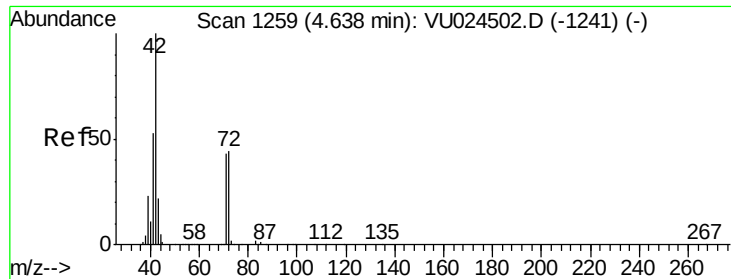


Abundance Ion 48.90 (48.60 to 49.60): VU024928.D (-1139) (-)

Ion 128.80 (128.50 to 129.50): VU024928.D (-1139) (-)

Ion 129.80 (129.50 to 130.50): VU024928.D (-1139) (-)





#29

Tetrahydrofuran

Concen: 246.518 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

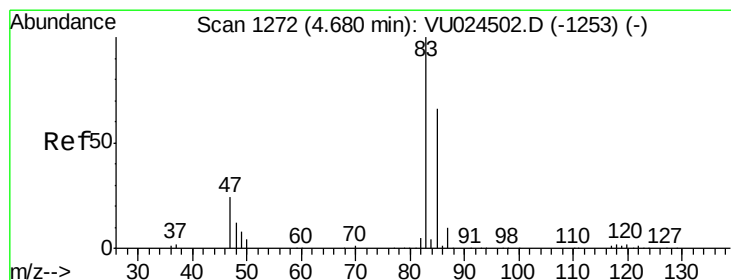
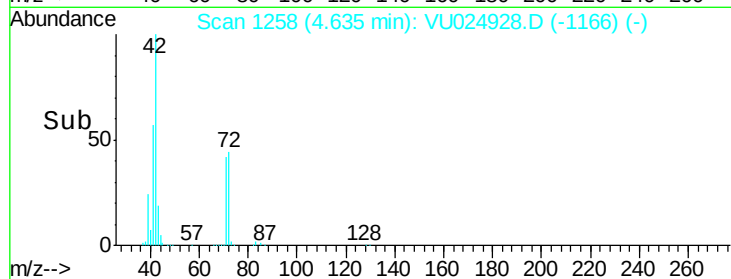
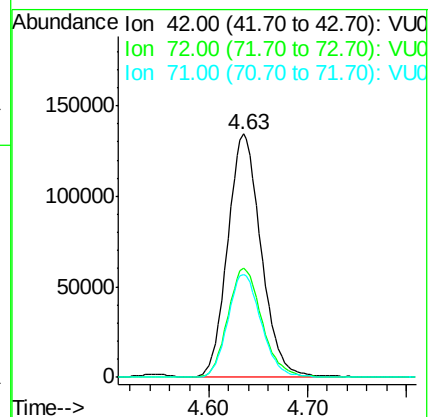
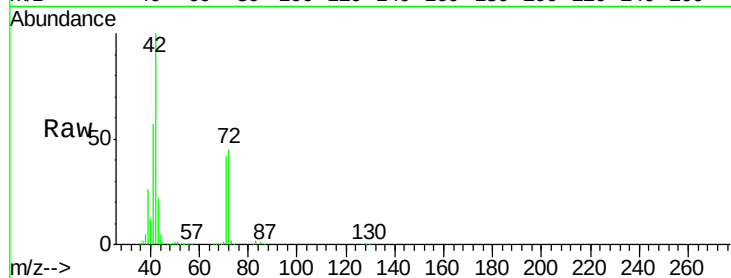
Tgt Ion: 42 Resp: 316486

Ion Ratio Lower Upper

42 100

72 46.0 34.5 51.7

71 42.7 32.2 48.4



#30

Chloroform

Concen: 54.329 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024928.D

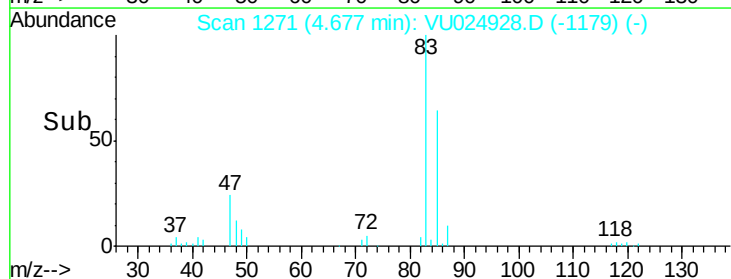
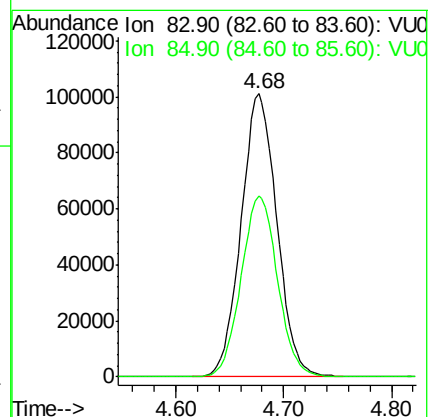
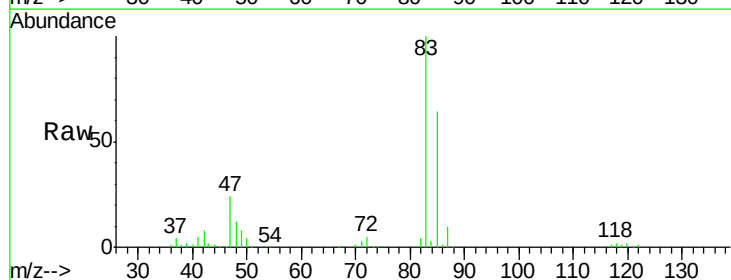
Acq: 26 Jun 2018 18:33

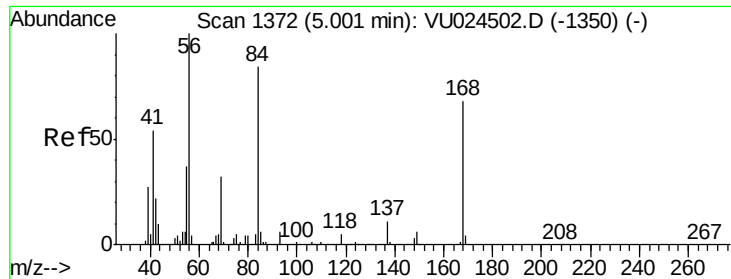
Tgt Ion: 83 Resp: 233280

Ion Ratio Lower Upper

83 100

85 64.1 52.4 78.6

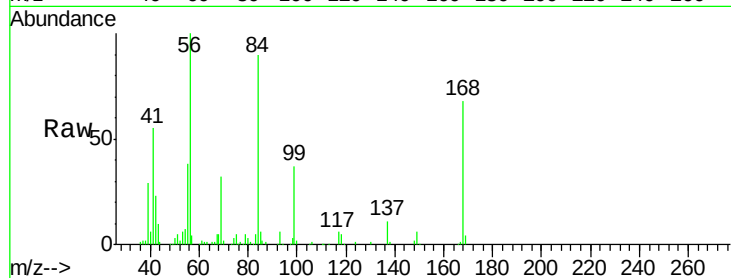




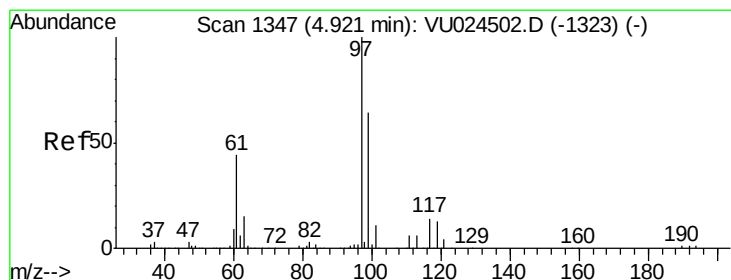
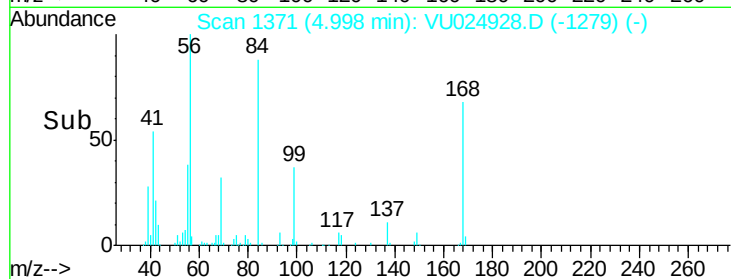
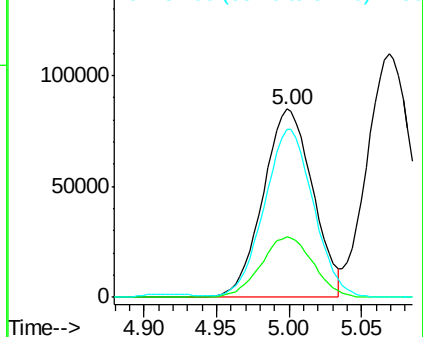
#31
Cyclohexane
Concen: 53.776 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 202028
Ion Ratio Lower Upper
56 100
69 31.9 24.8 37.2
84 88.3 65.2 97.8

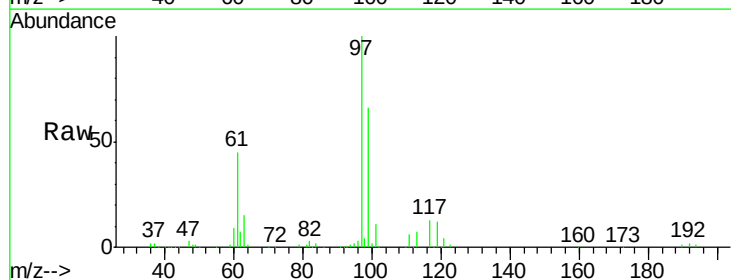


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

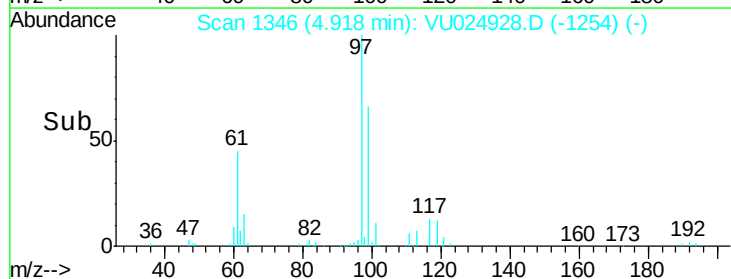
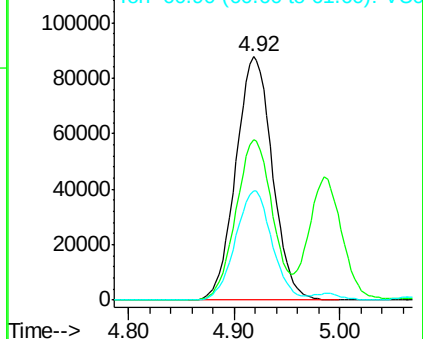


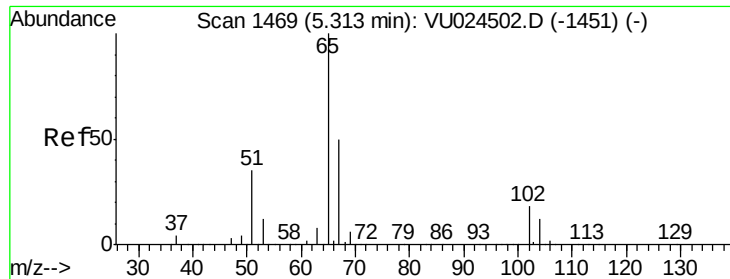
#32
1,1,1-Trichloroethane
Concen: 53.159 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

Tgt Ion: 97 Resp: 211075
Ion Ratio Lower Upper
97 100
99 65.5 51.0 76.6
61 45.0 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

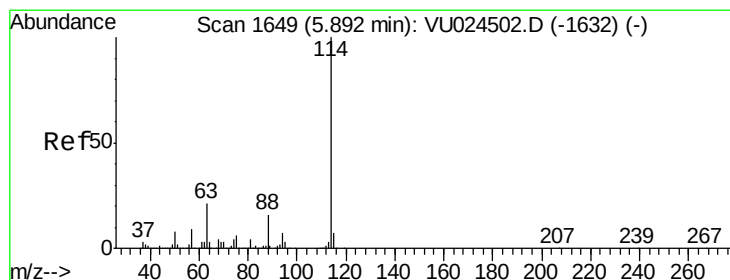
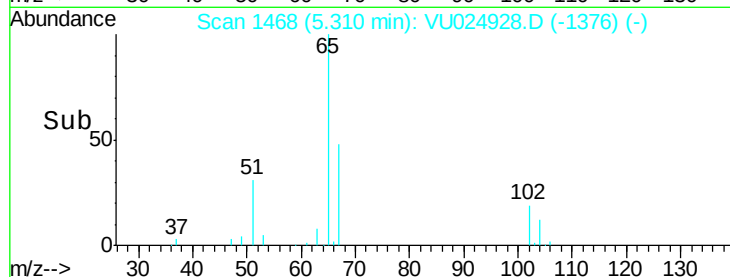
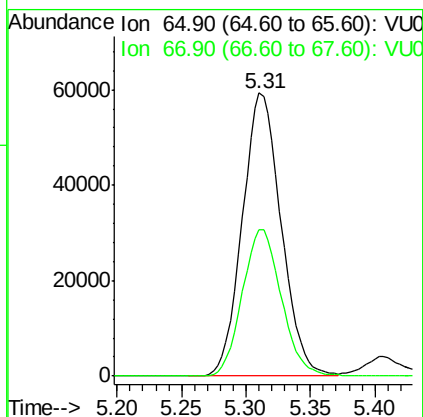
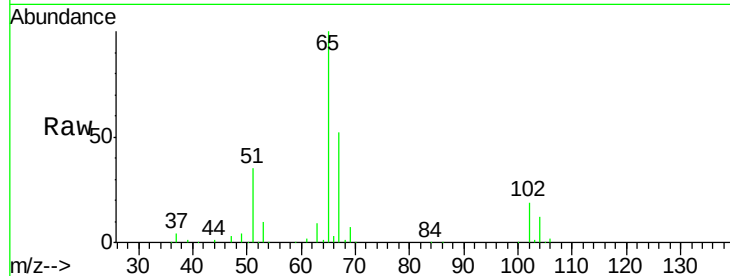




#33
 1,2-Dichloroethane-d4
 Concen: 43.400 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

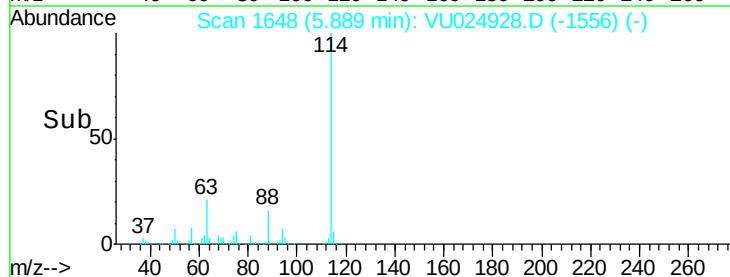
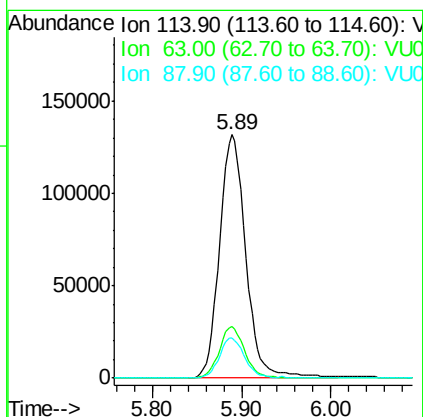
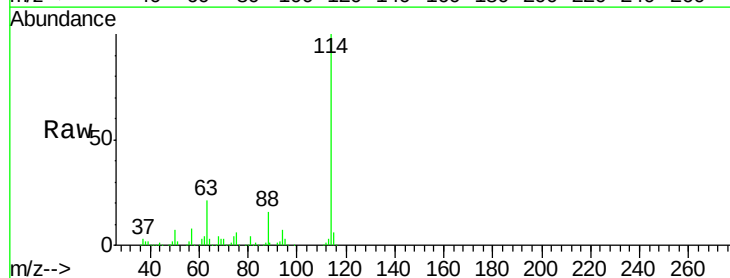
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

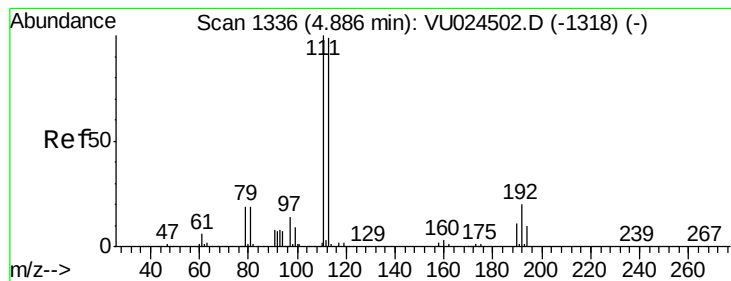
Tgt Ion: 65 Resp: 124668
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

Tgt Ion: 114 Resp: 269355
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 45.4
 88 16.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 45.651 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

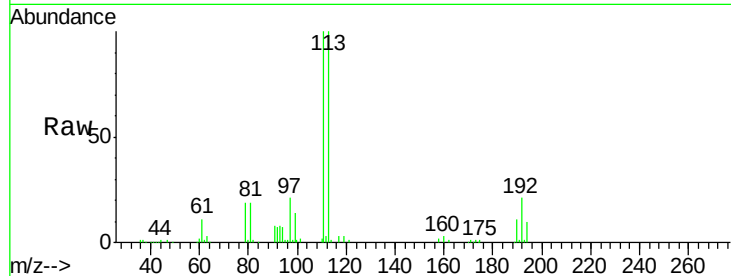
Tgt Ion:113 Resp: 102049

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

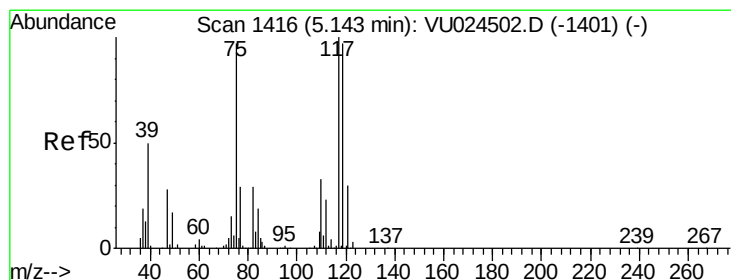
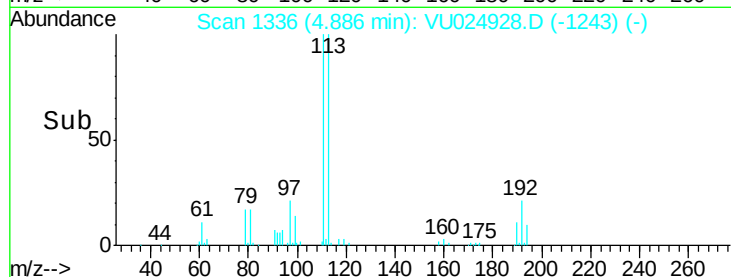
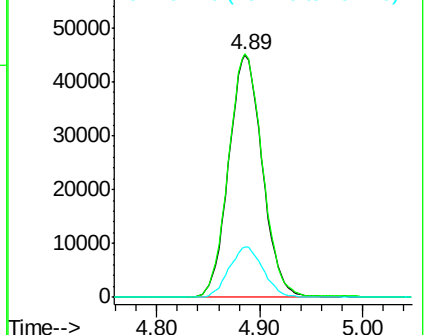
192 21.0 16.2 24.4



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: 53.909 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

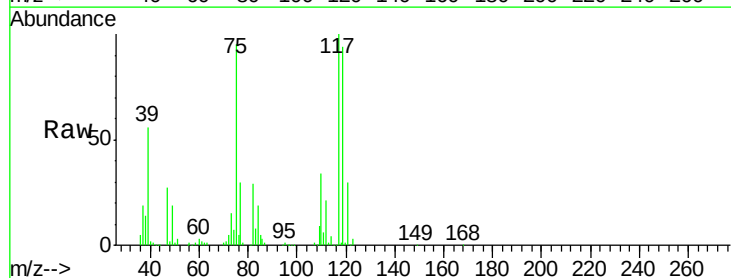
Tgt Ion: 75 Resp: 170630

Ion Ratio Lower Upper

75 100

110 36.4 17.0 50.9

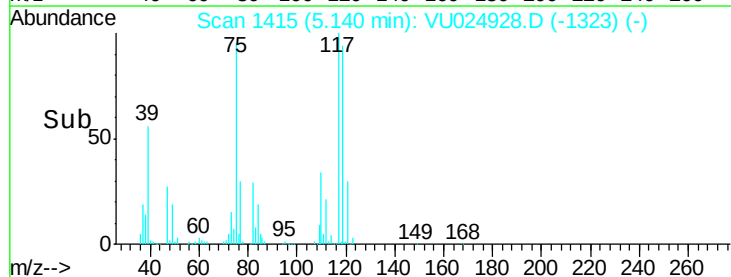
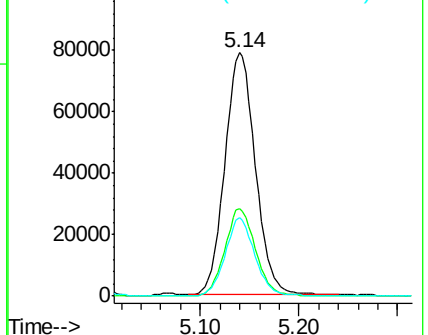
77 30.5 24.2 36.4

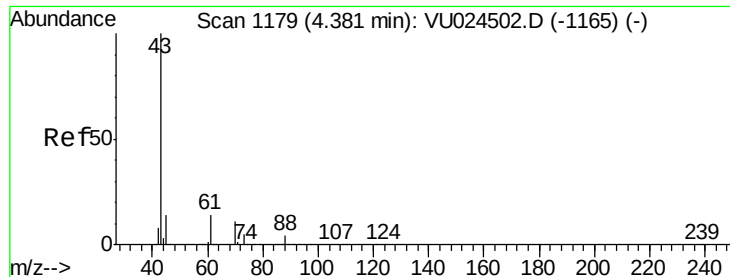


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

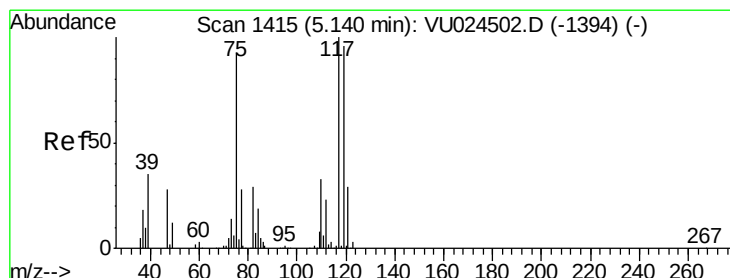
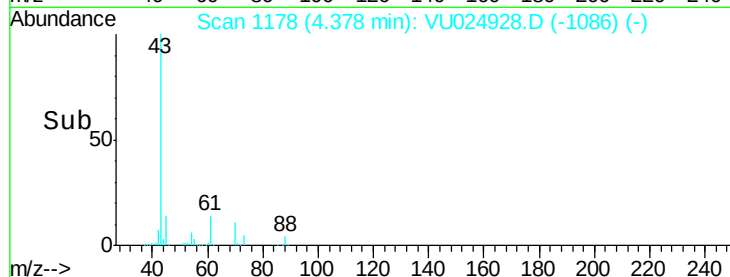
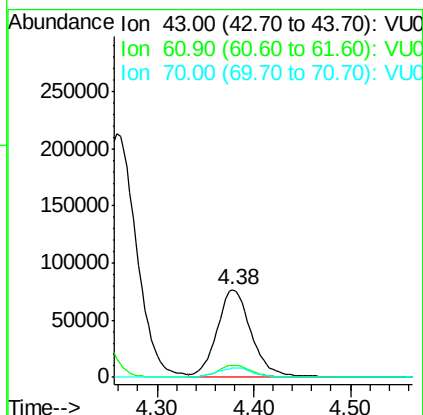
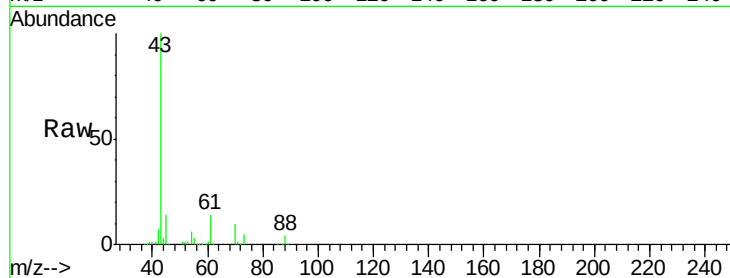




#37
Ethyl Acetate
Concen: 53.772 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

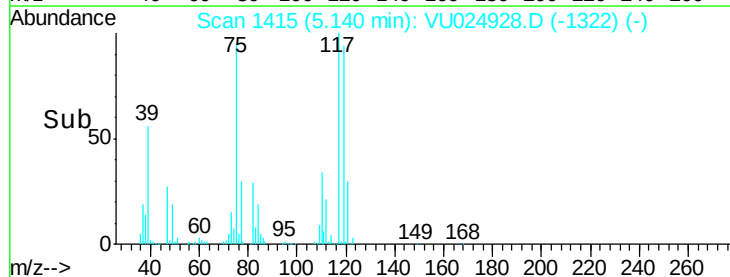
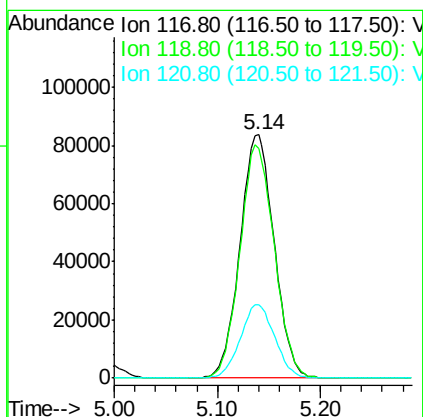
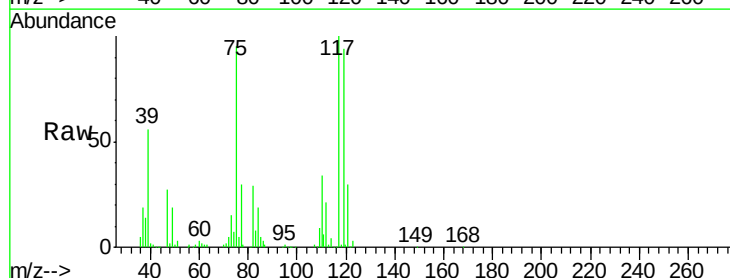
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

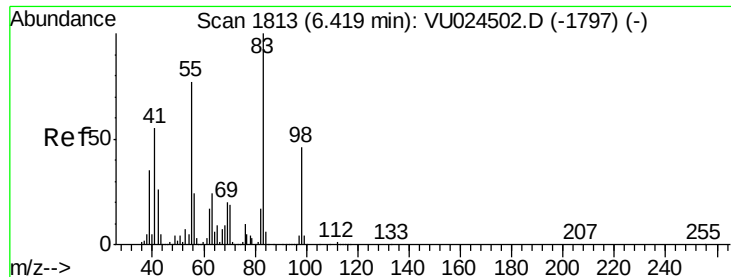
Tgt Ion: 43 Resp: 185501
Ion Ratio Lower Upper
43 100
61 13.7 10.5 15.7
70 11.0 7.4 11.2



#38
Carbon Tetrachloride
Concen: 55.347 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

Tgt Ion: 117 Resp: 192641
Ion Ratio Lower Upper
117 100
119 94.5 76.1 114.1
121 30.3 23.7 35.5

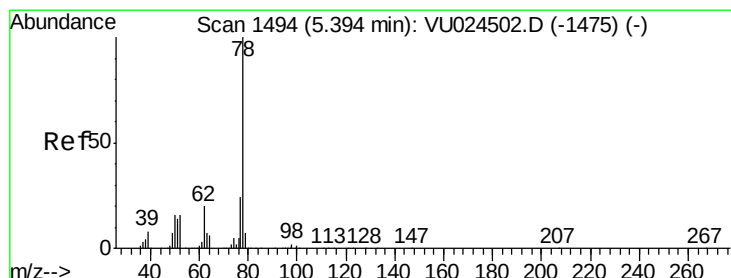
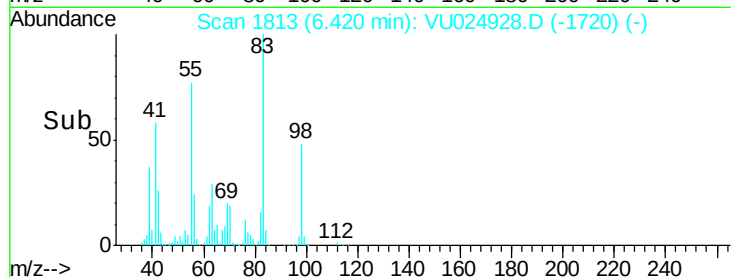
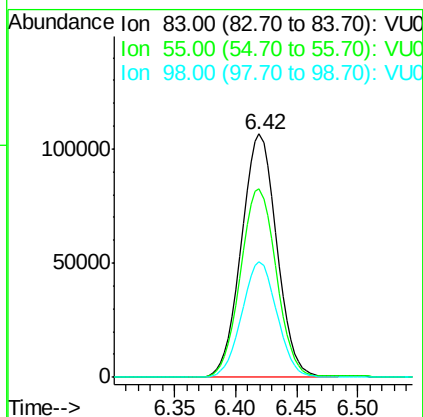
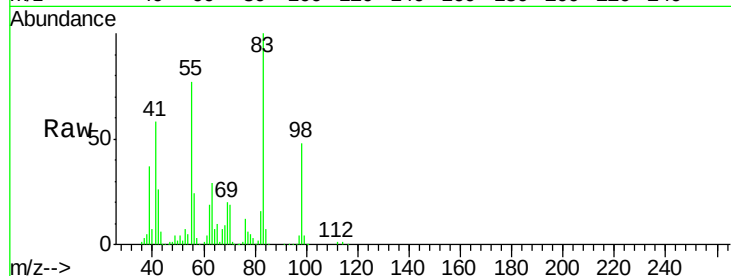




#39
Methylcyclohexane
Concen: 54.092 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

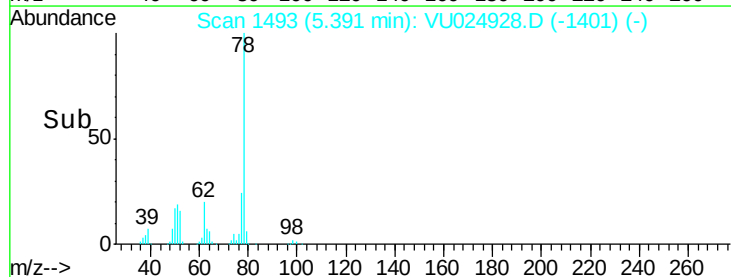
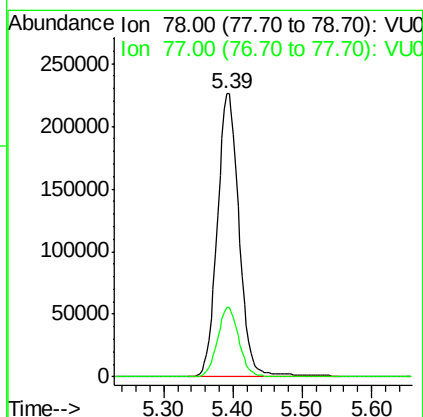
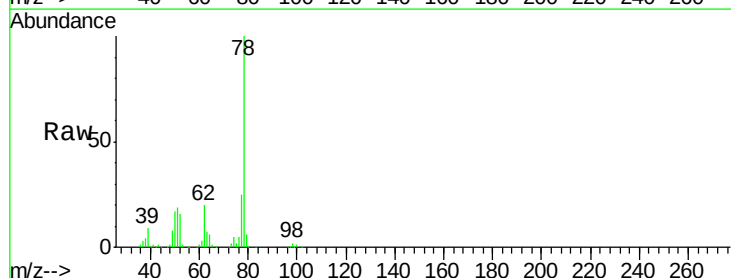
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

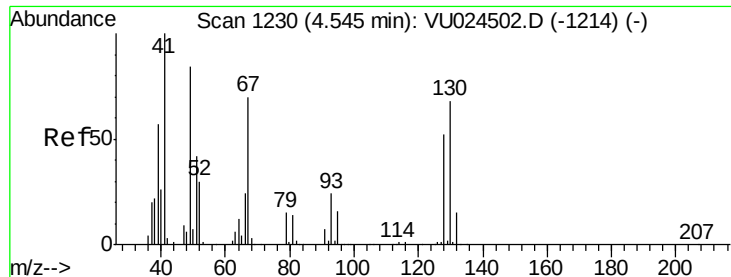
Tgt Ion: 83 Resp: 213655
Ion Ratio Lower Upper
83 100
55 77.3 65.8 98.6
98 47.6 36.7 55.1



#40
Benzene
Concen: 54.877 ug/l
RT: 5.39 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

Tgt Ion: 78 Resp: 494932
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8

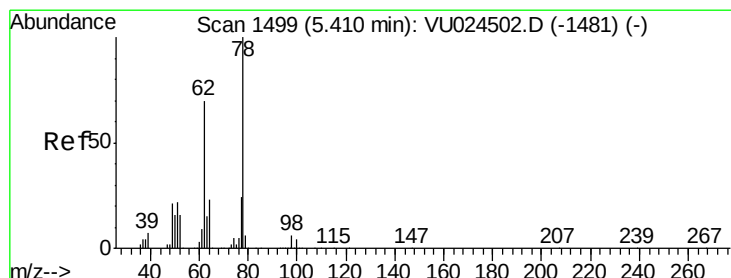
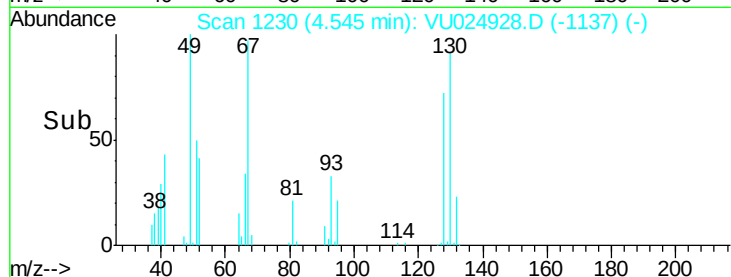
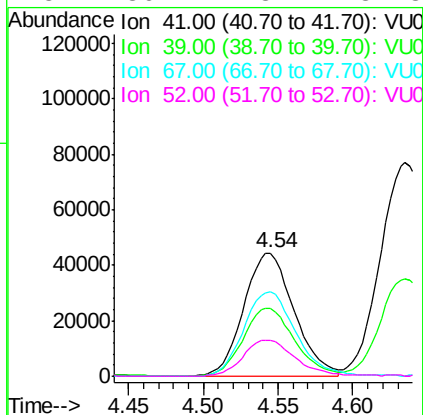
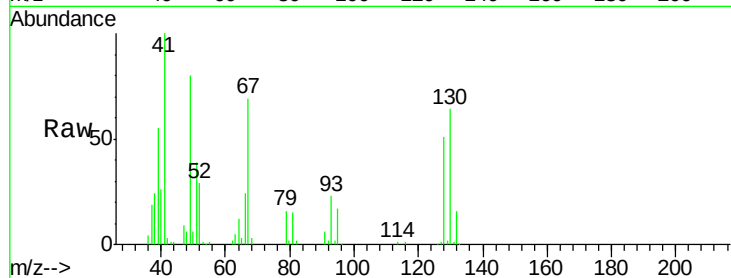




#41
Methacrylonitrile
Concen: 55.555 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

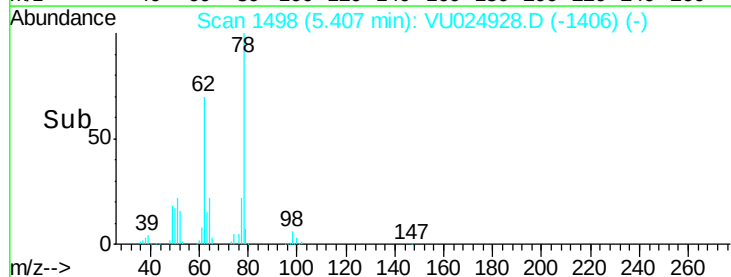
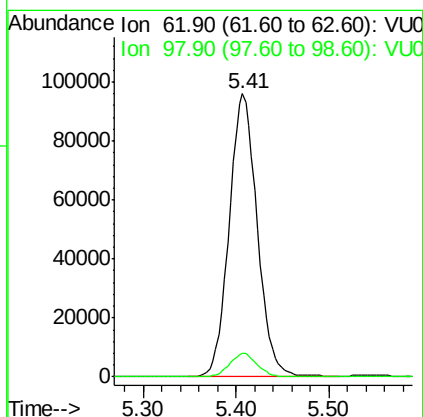
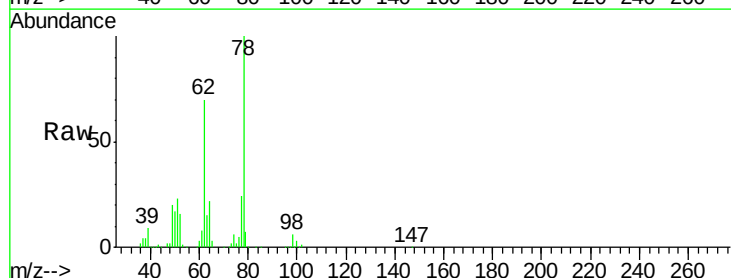
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

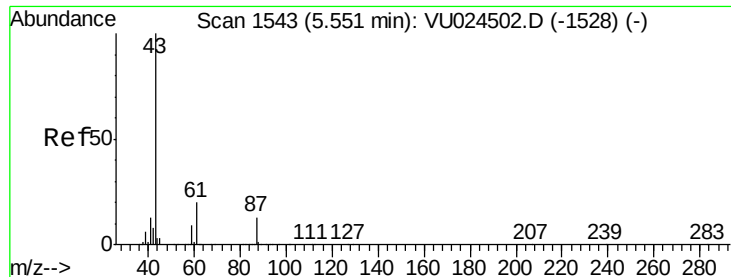
Tgt Ion: 41 Resp: 103332
Ion Ratio Lower Upper
41 100
39 57.3 43.8 65.6
67 71.7 56.3 84.5
52 30.4 23.2 34.8



#42
1,2-Dichloroethane
Concen: 58.600 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

Tgt Ion: 62 Resp: 201290
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.6





#43

Isopropyl Acetate

Concen: 50.966 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

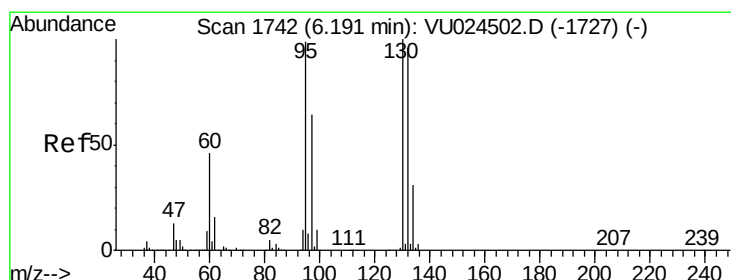
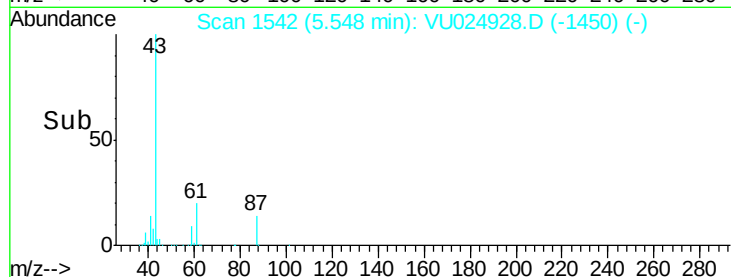
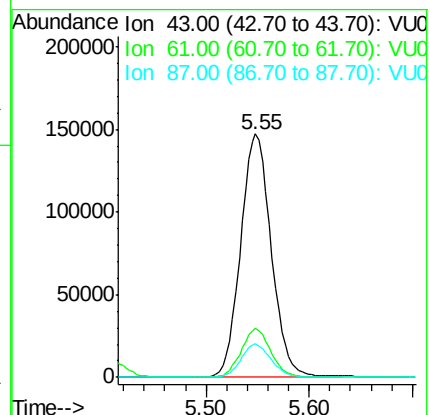
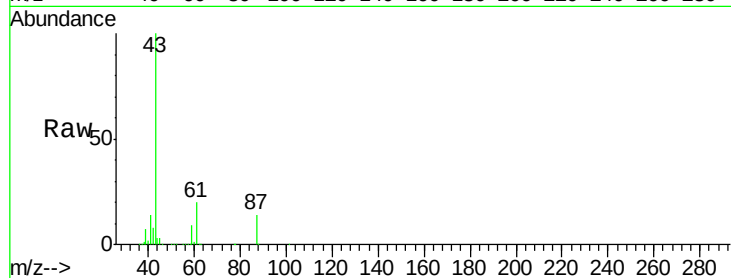
Tgt Ion: 43 Resp: 303914

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.0

87 13.4 10.0 15.0



#44

Trichloroethene

Concen: 53.612 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU024928.D

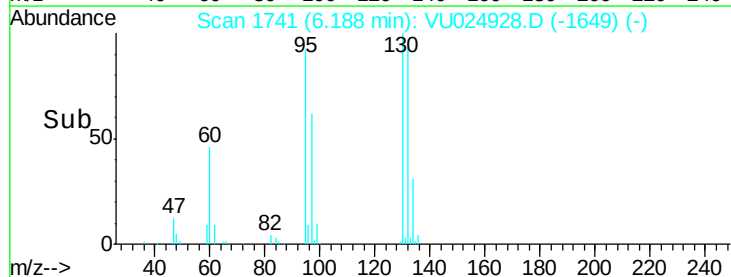
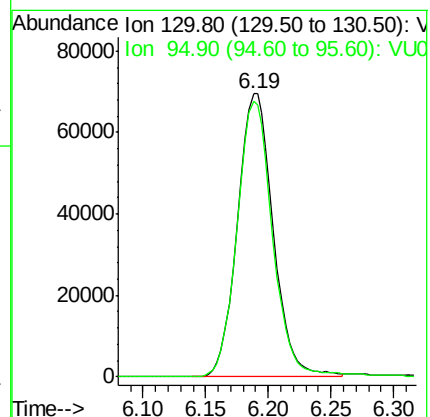
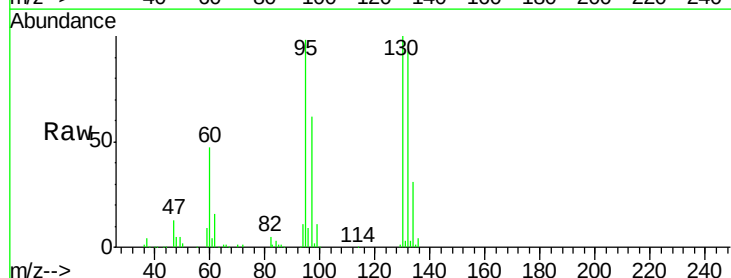
Acq: 26 Jun 2018 18:33

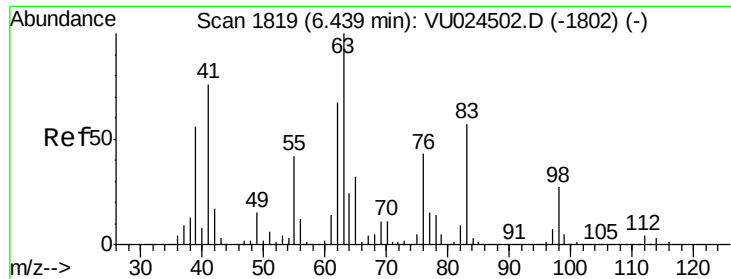
Tgt Ion: 130 Resp: 137610

Ion Ratio Lower Upper

130 100

95 97.6 0.0 202.4

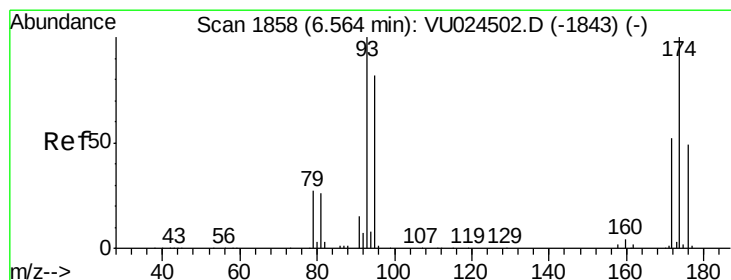
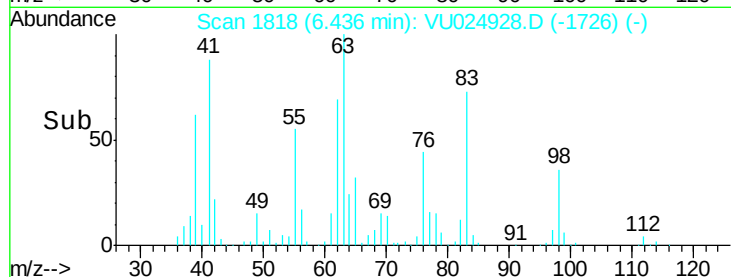
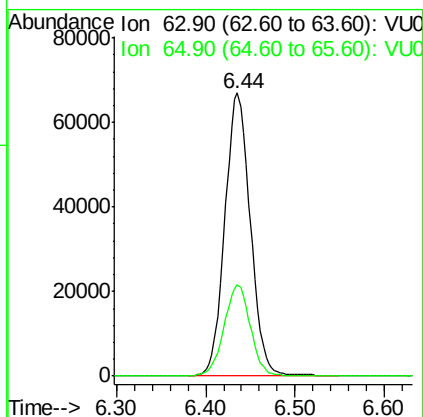
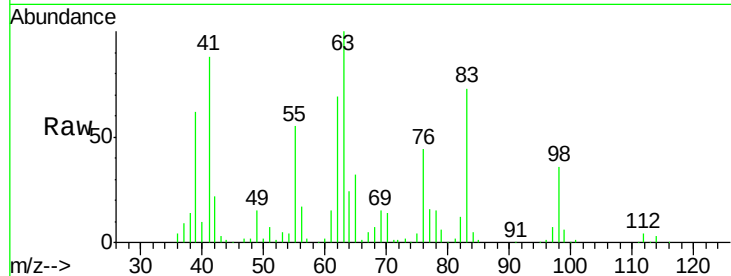




#45
 1,2-Dichloropropane
 Concen: 55.166 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

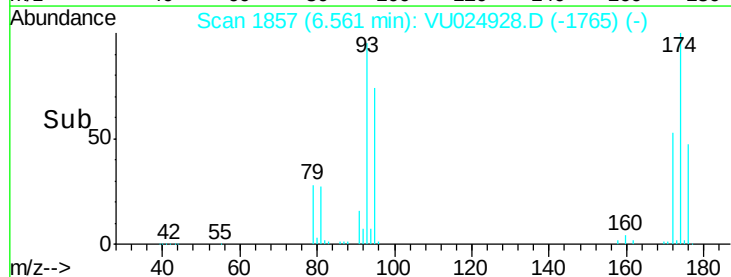
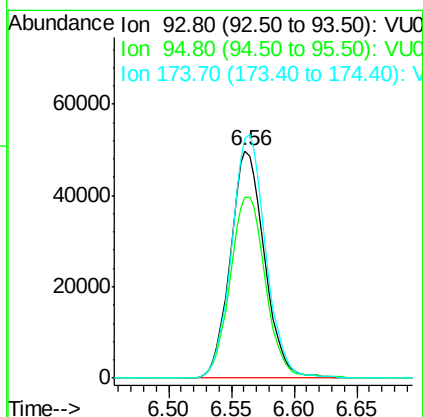
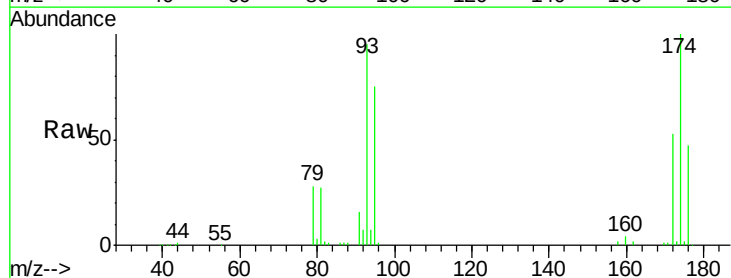
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

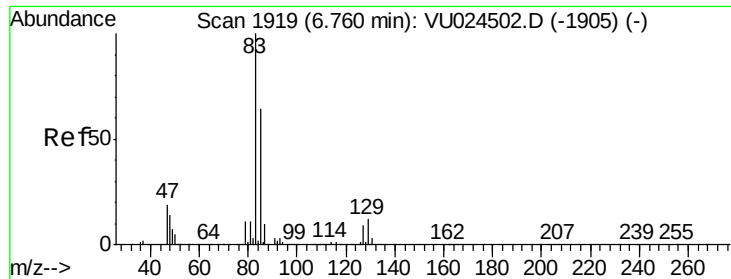
Tgt Ion: 63 Resp: 132755
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.8 37.2



#46
 Dibromomethane
 Concen: 55.626 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

Tgt Ion: 93 Resp: 94025
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.5 98.3
 174 106.8 78.7 118.1

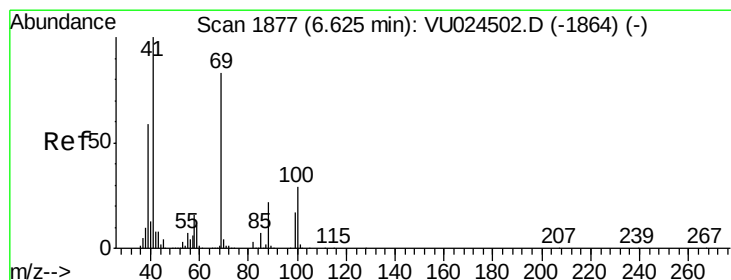
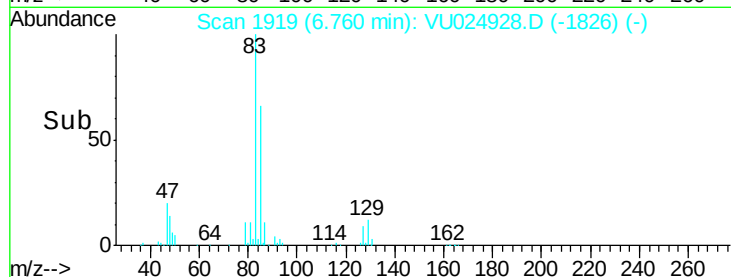
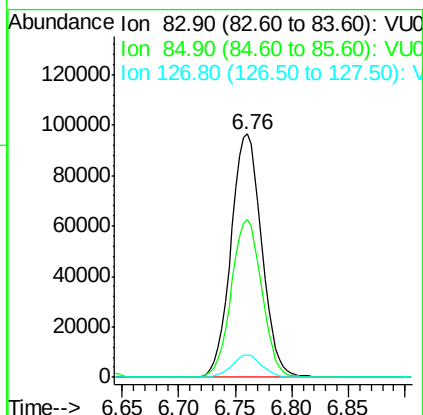
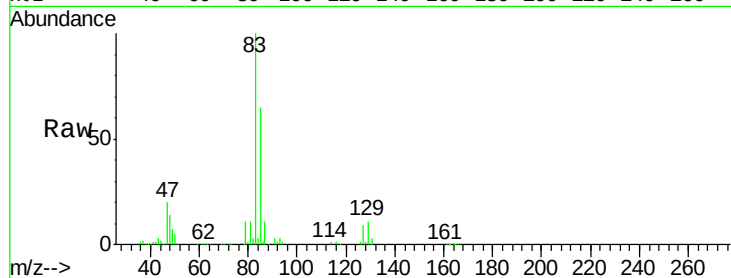




#47
Bromodichloromethane
Concen: 54.267 ug/l
RT: 6.76 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

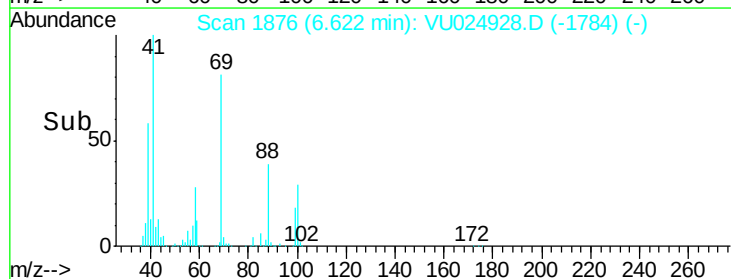
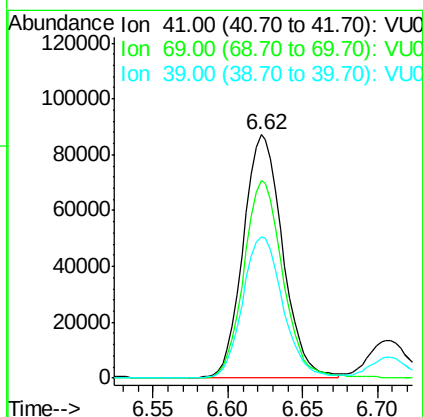
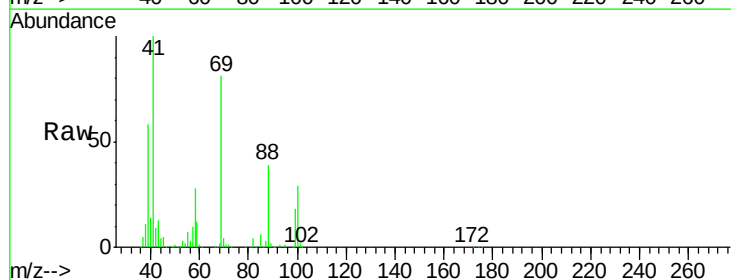
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

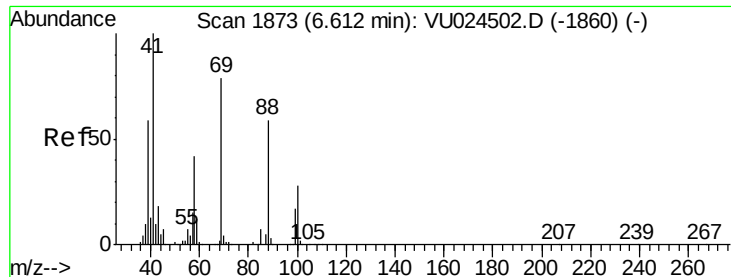
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.9	77.9
127	9.2	6.6	9.8



#48
Methyl methacrylate
Concen: 54.927 ug/l
RT: 6.62 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.8	67.3	100.9
39	58.9	46.5	69.7

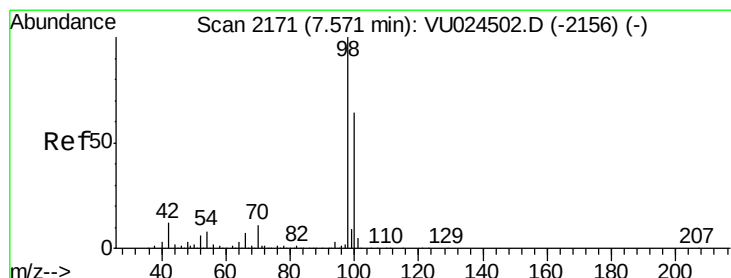
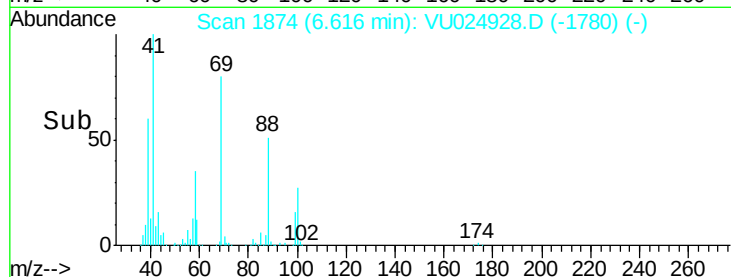
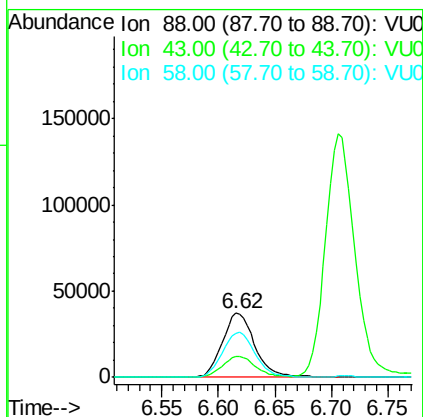
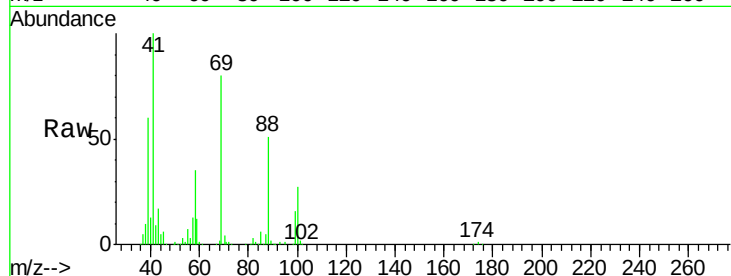




#49
 1,4-Dioxane
 Concen: 1311.655 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

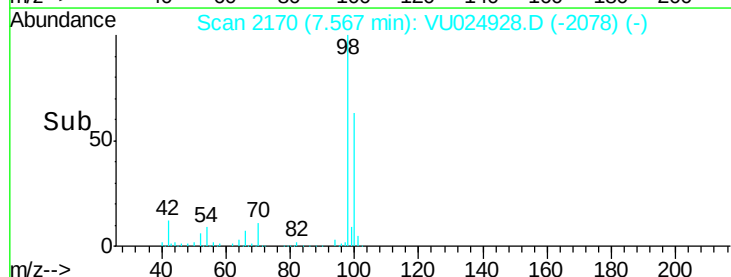
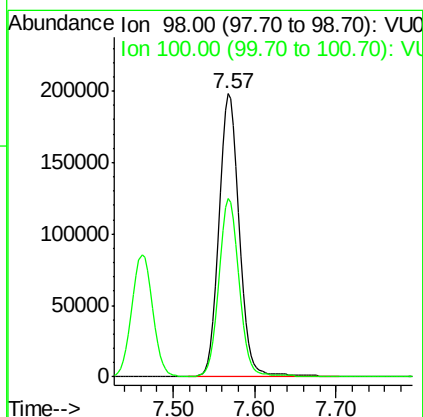
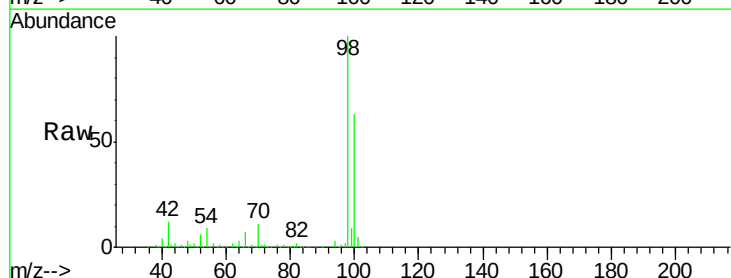
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

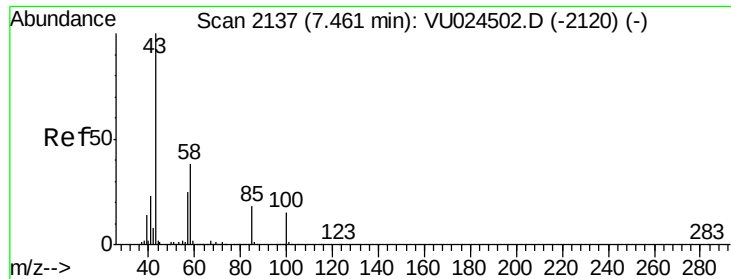
Tgt Ion: 88 Resp: 74482
 Ion Ratio Lower Upper
 88 100
 43 32.7 28.6 42.8
 58 70.3 58.2 87.4



#50
 Toluene-d8
 Concen: 43.147 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

Tgt Ion: 98 Resp: 351819
 Ion Ratio Lower Upper
 98 100
 100 62.2 51.1 76.7

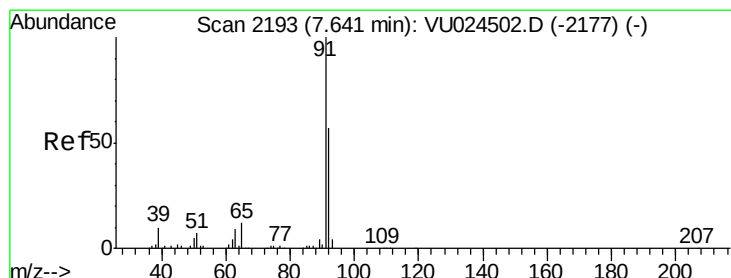
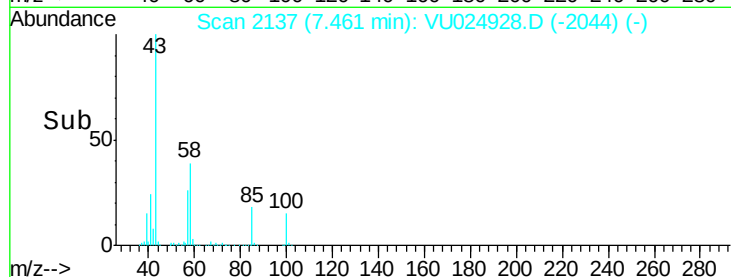
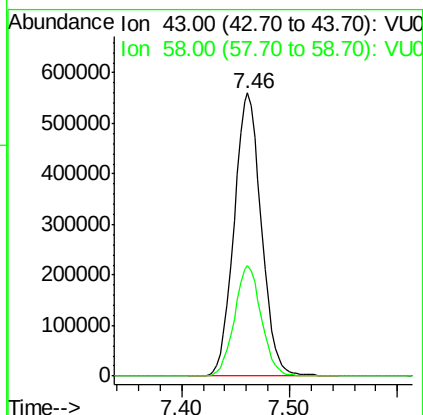
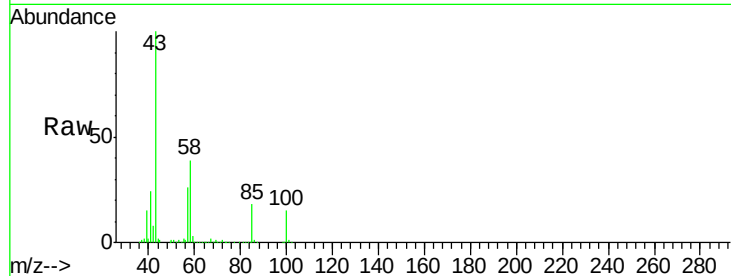




#51
 4-Methyl-2-Pentanone
 Concen: 263.032 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

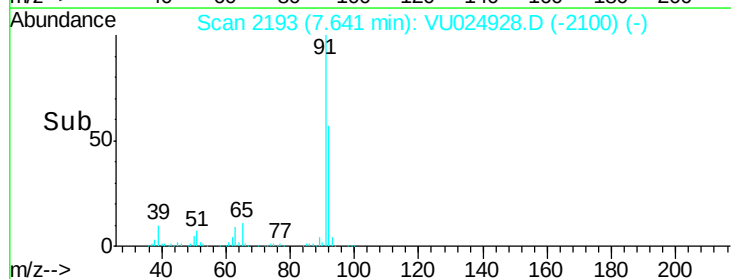
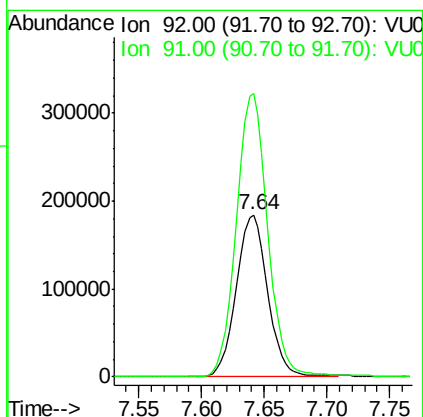
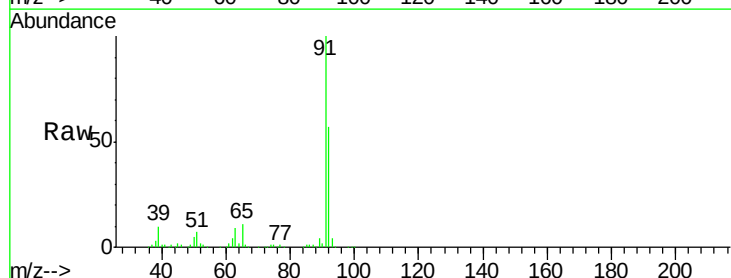
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

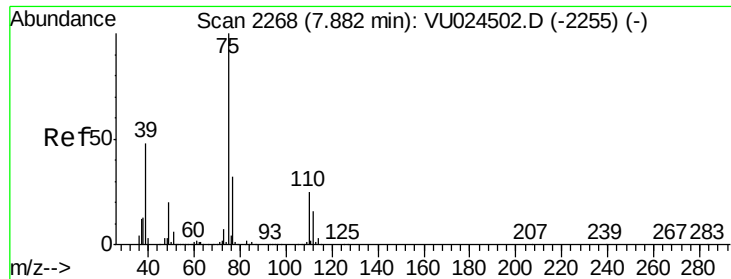
Tgt Ion: 43 Resp: 985399
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.0 45.0



#52
 Toluene
 Concen: 55.404 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

Tgt Ion: 92 Resp: 321480
 Ion Ratio Lower Upper
 92 100
 91 176.0 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 52.605 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

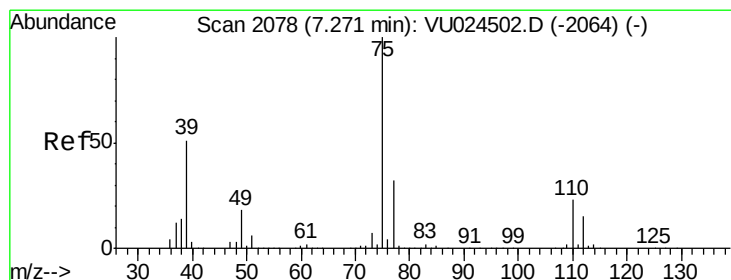
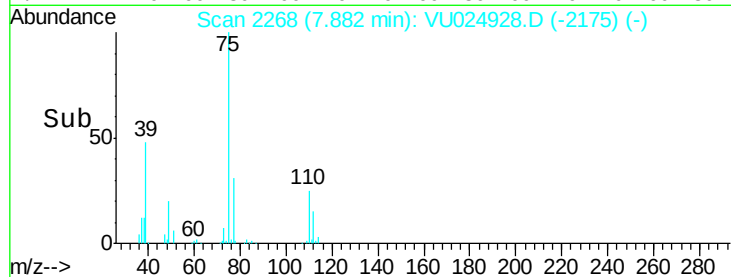
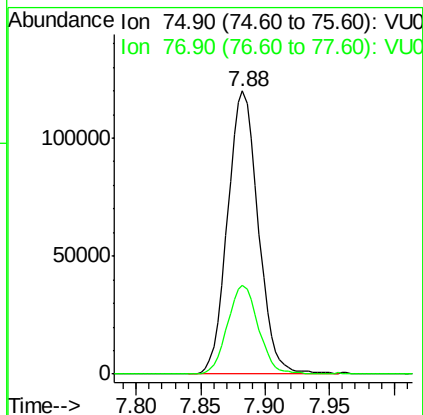
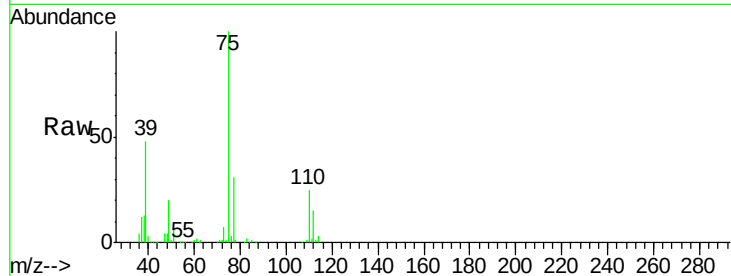
VSTDCCC050

Tgt Ion: 75 Resp: 198842

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 52.123 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

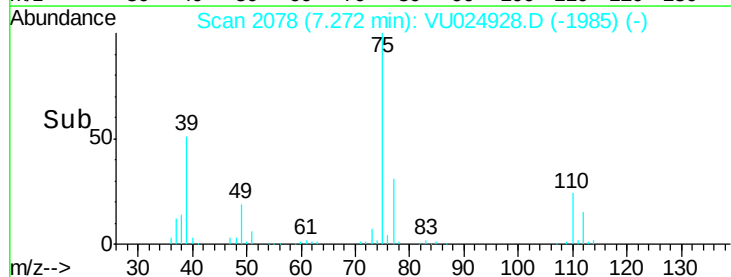
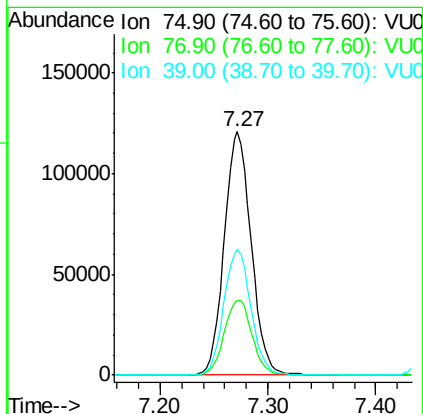
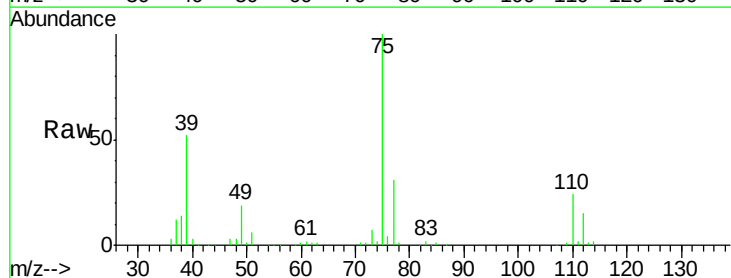
Tgt Ion: 75 Resp: 209940

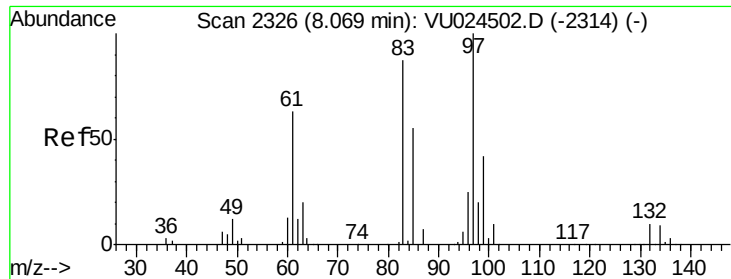
Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

39 51.5 39.8 59.6

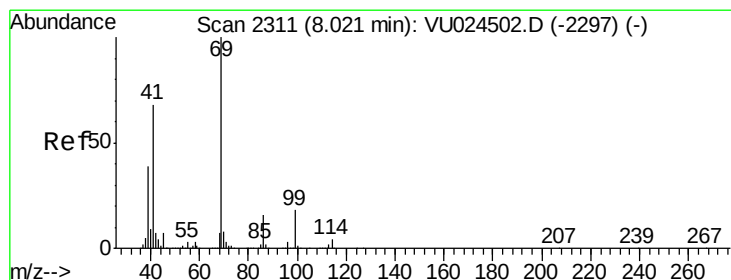
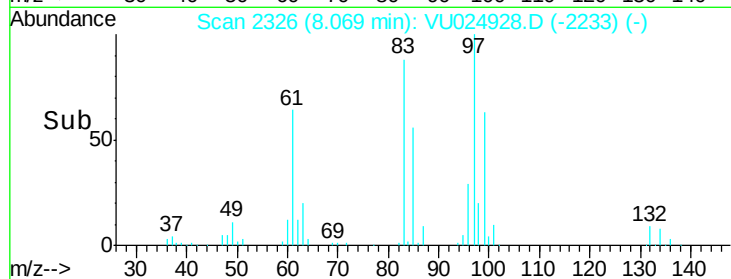
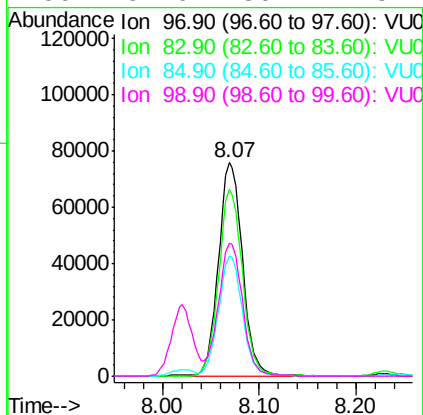
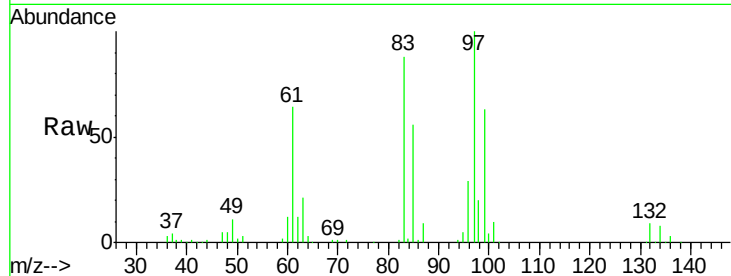




#55
 1,1,2-Trichloroethane
 Concen: 55.648 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

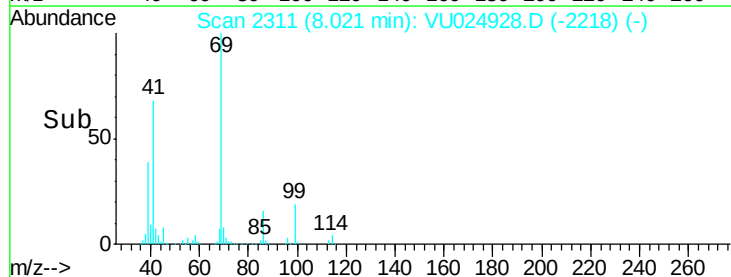
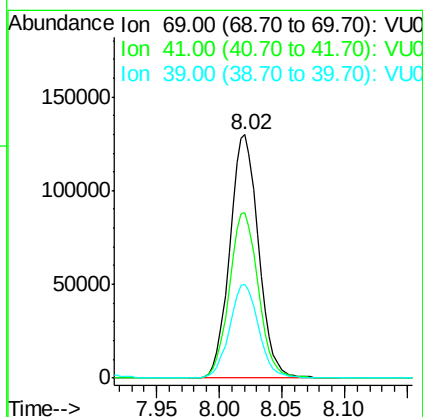
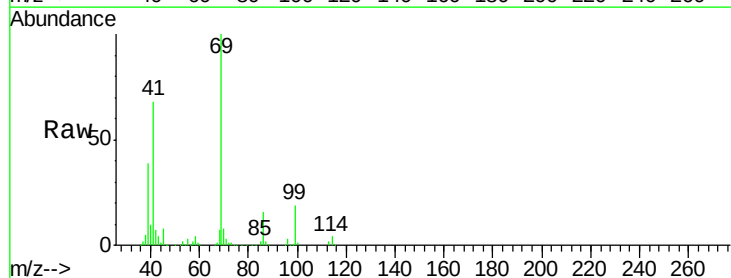
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

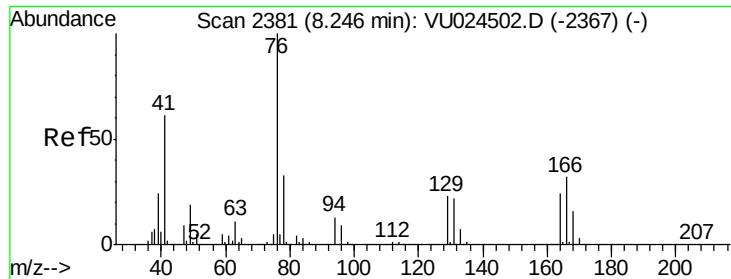
Tgt Ion:	97	Resp:	131252
Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.5	105.7
85	56.2	46.4	69.6
99	62.6	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 52.416 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

Tgt Ion:	69	Resp:	206923
Ion	Ratio	Lower	Upper
69	100		
41	69.1	54.1	81.1
39	38.5	30.3	45.5

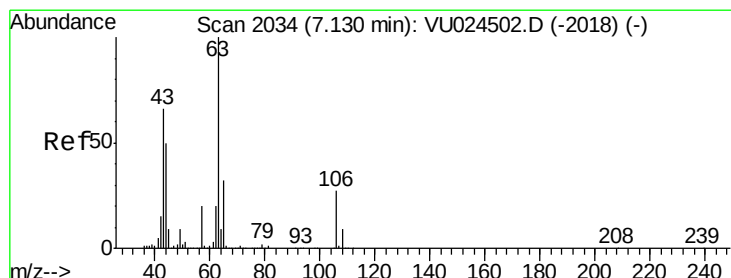
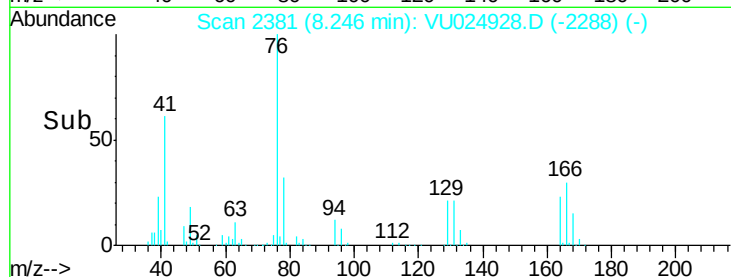
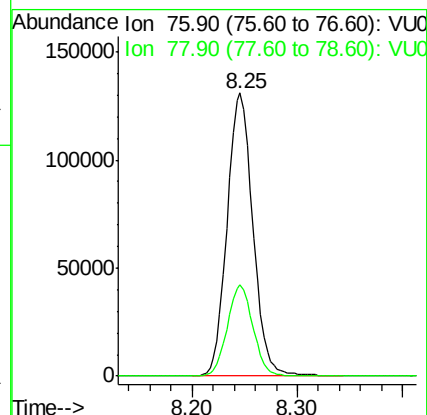
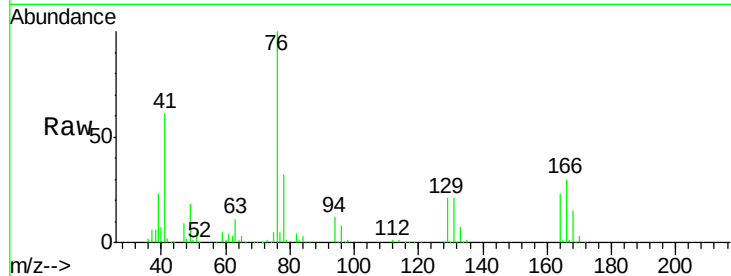




#57
 1,3-Dichloropropane
 Concen: 55.722 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

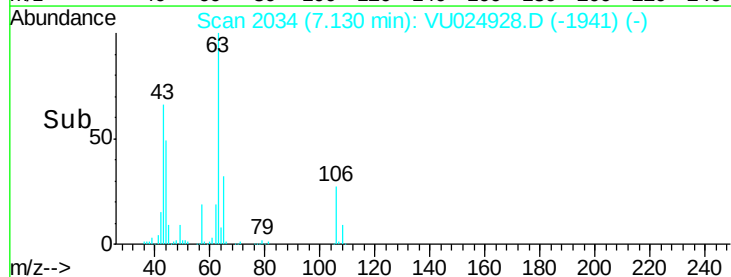
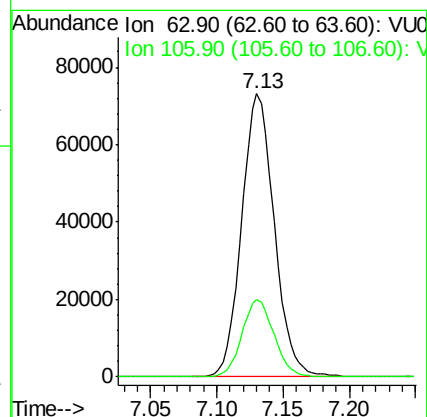
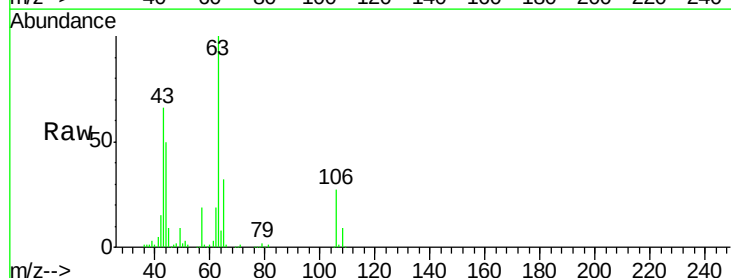
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

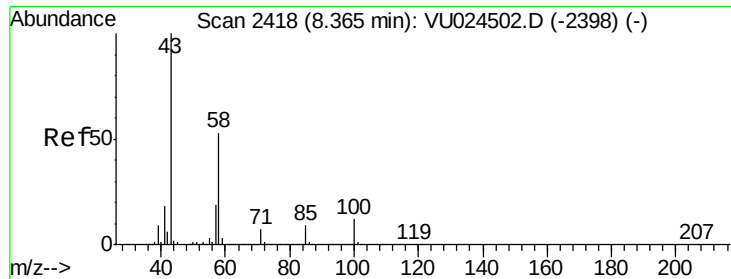
Tgt Ion: 76 Resp: 221708
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.724 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

Tgt Ion: 63 Resp: 125112
 Ion Ratio Lower Upper
 63 100
 106 26.8 20.2 30.2

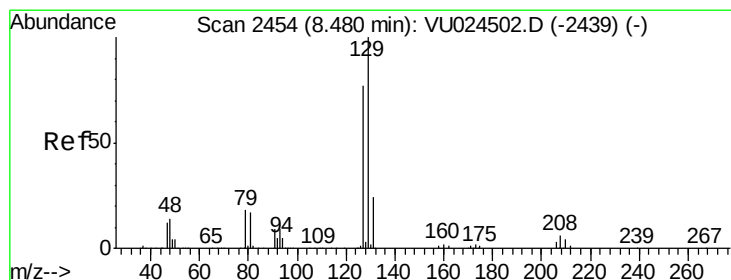
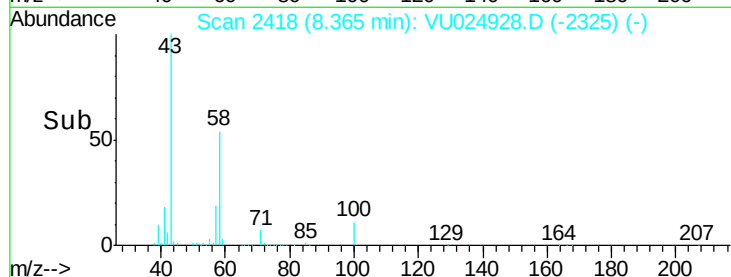
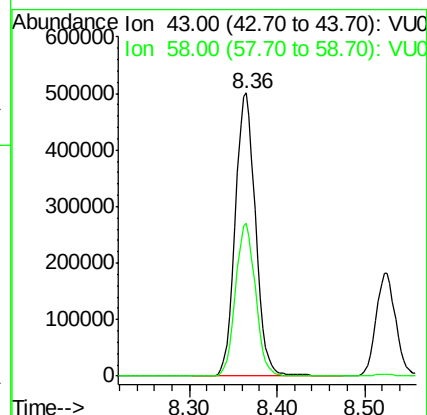
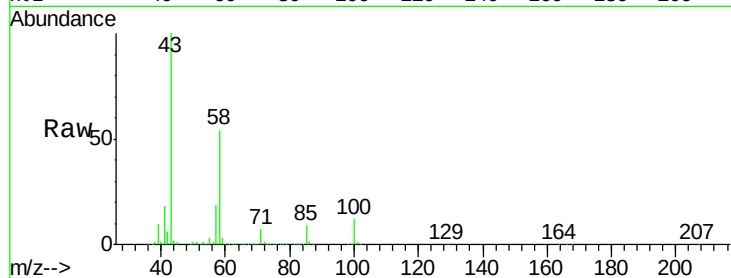




#59
2-Hexanone
Concen: 263.923 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

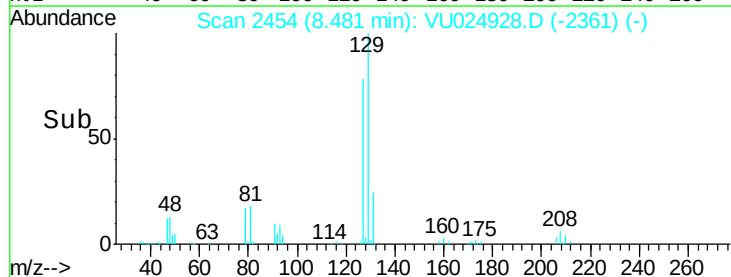
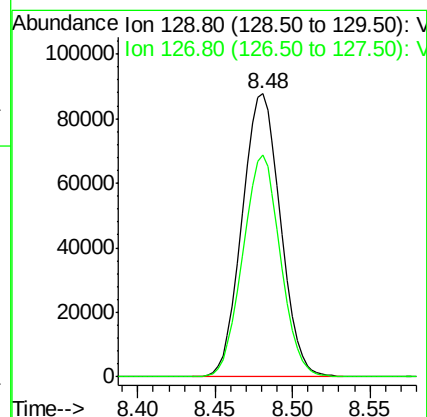
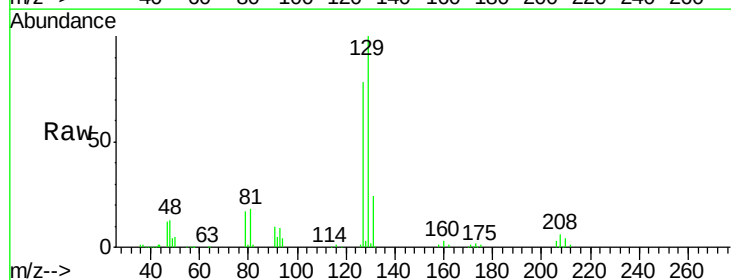
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

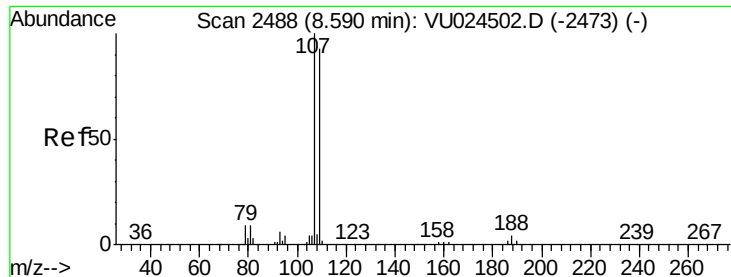
Tgt Ion: 43 Resp: 807209
Ion Ratio Lower Upper
43 100
58 53.2 26.4 79.0



#60
Dibromochloromethane
Concen: 51.562 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

Tgt Ion: 129 Resp: 151654
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

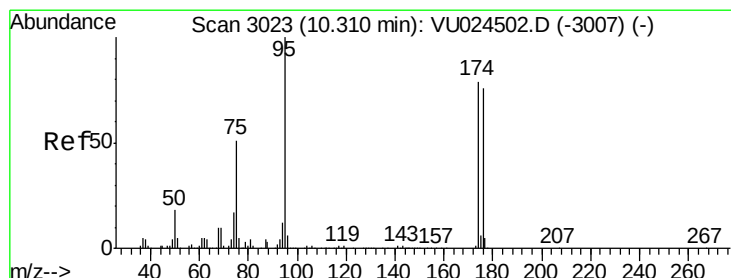
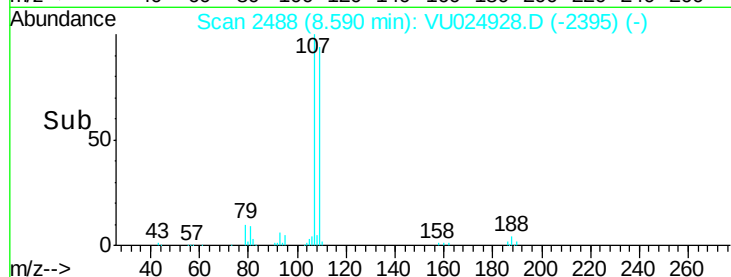
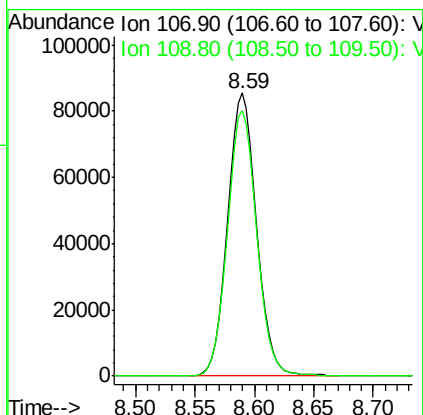
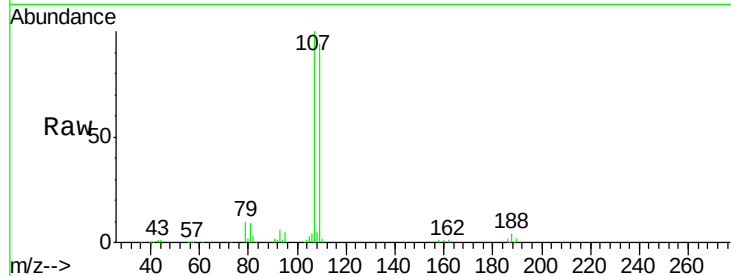




#61
 1,2-Dibromoethane
 Concen: 54.813 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

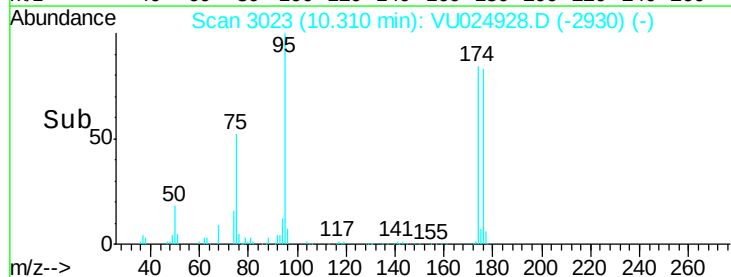
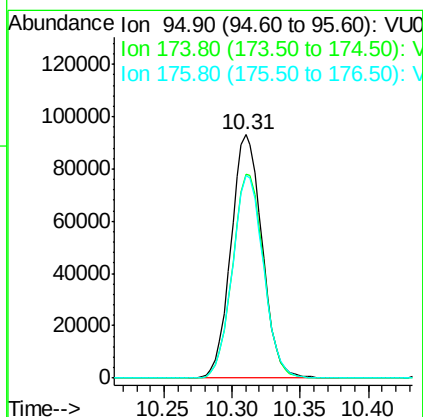
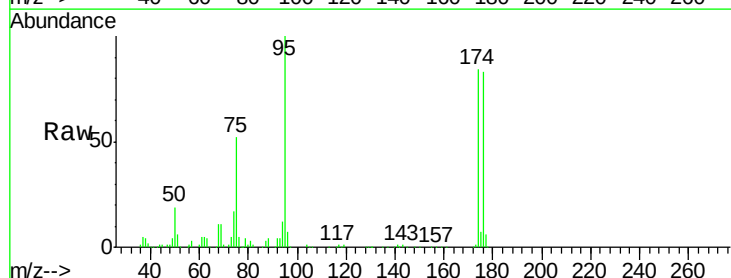
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

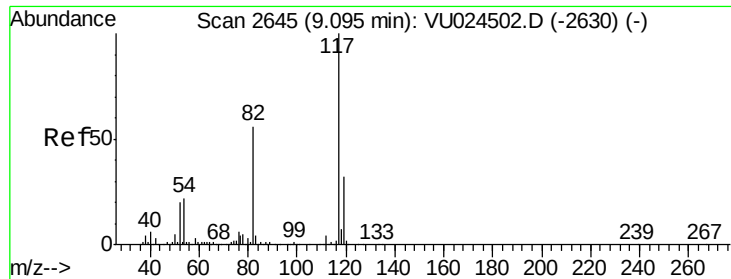
Tgt Ion: 107 Resp: 143895
 Ion Ratio Lower Upper
 107 100
 109 95.0 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 45.554 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

Tgt Ion: 95 Resp: 147479
 Ion Ratio Lower Upper
 95 100
 174 83.9 0.0 165.8
 176 83.3 0.0 159.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

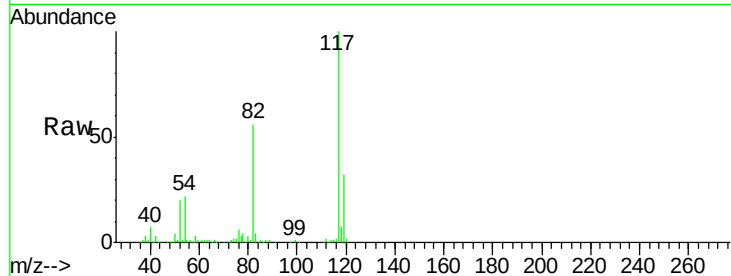
Tgt Ion:117 Resp: 254461

Ion Ratio Lower Upper

117 100

82 56.1 44.3 66.5

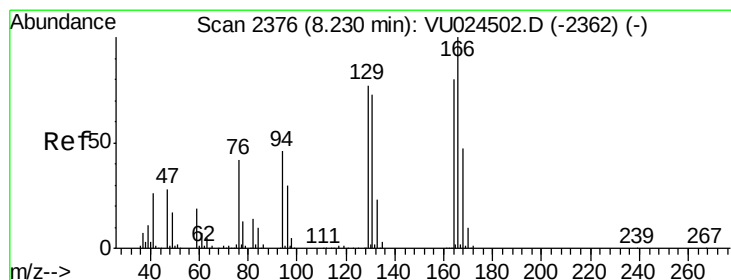
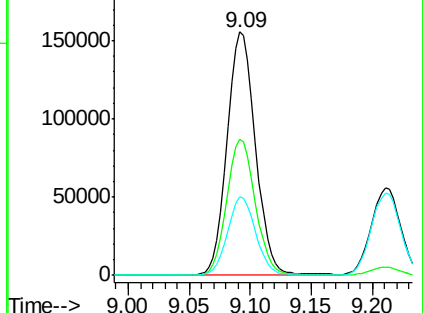
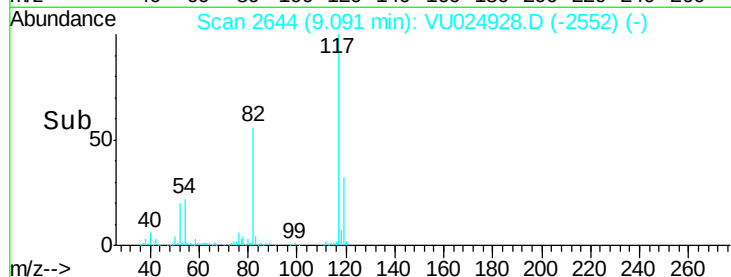
119 32.2 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 54.903 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Tgt Ion:164 Resp: 132798

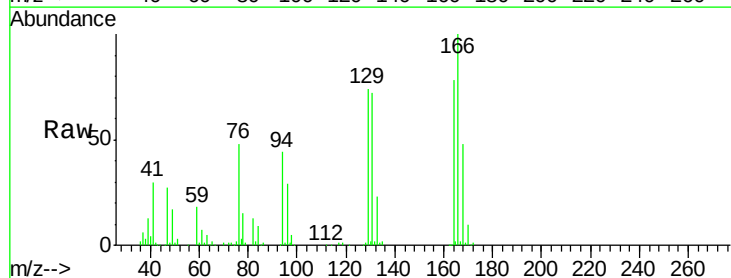
Ion Ratio Lower Upper

164 100

166 127.8 101.7 152.5

129 94.1 76.9 115.3

131 91.9 74.9 112.3

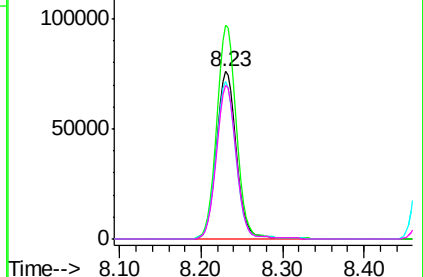
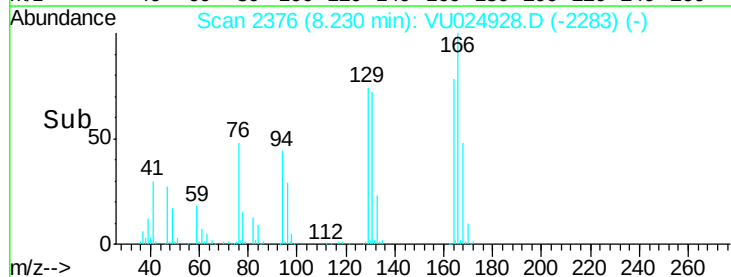


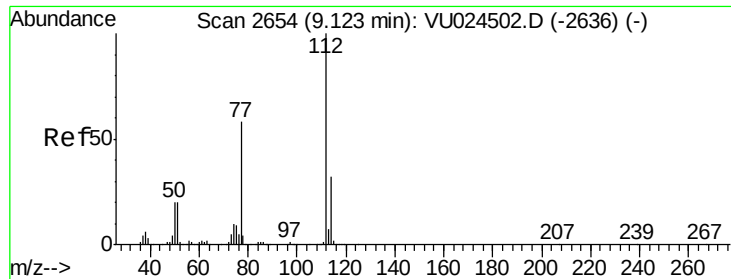
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

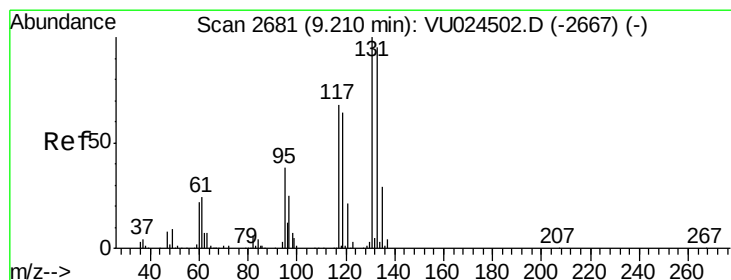
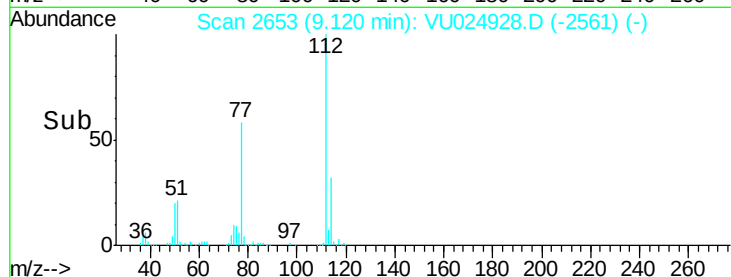
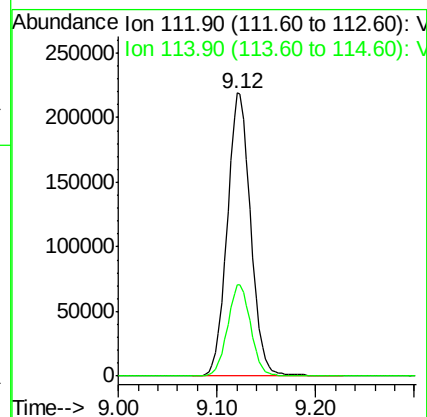
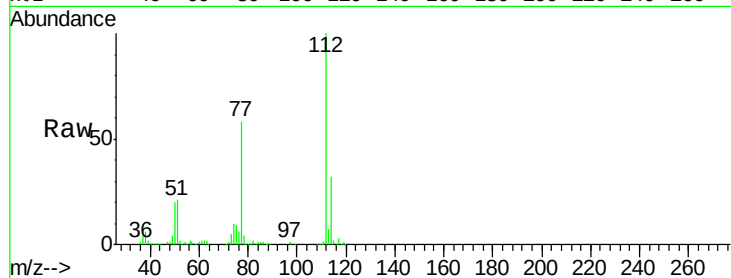




#65
Chlorobenzene
Concen: 56.384 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

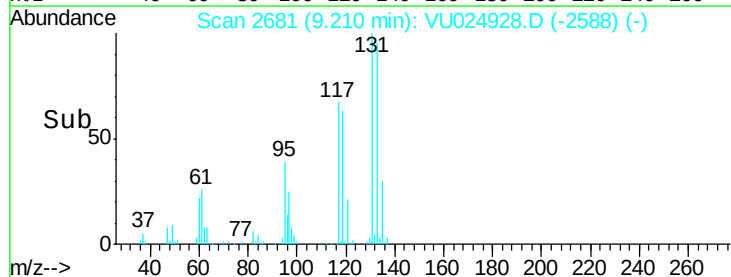
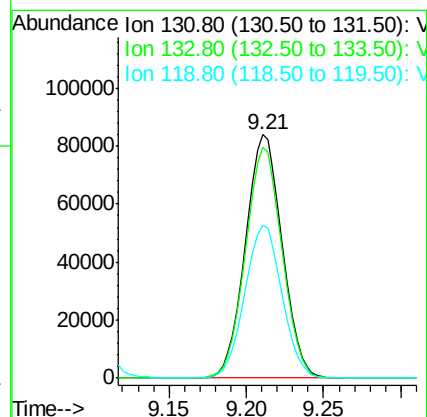
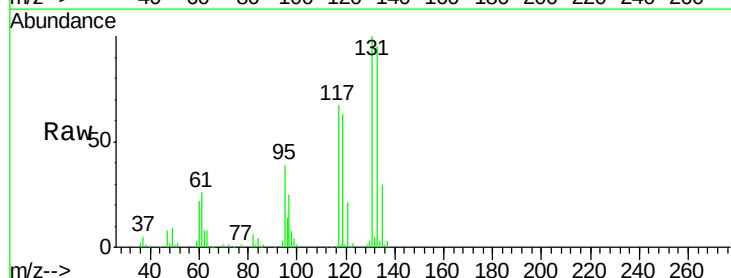
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

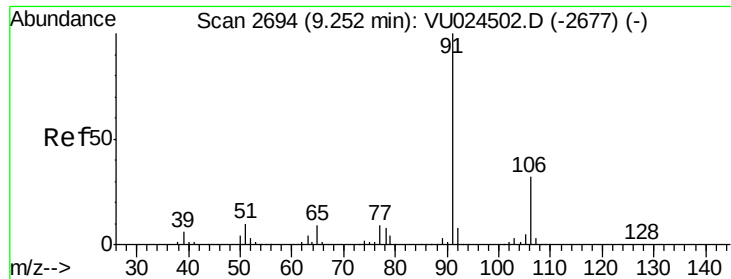
Tgt Ion:112 Resp: 366524
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 56.160 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

Tgt Ion:131 Resp: 138698
Ion Ratio Lower Upper
131 100
133 94.6 46.9 140.8
119 63.4 33.5 100.4





#67

Ethyl Benzene

Concen: 56.529 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

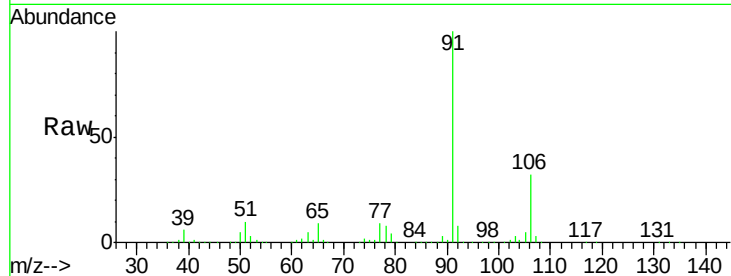
VSTDCCC050

Tgt Ion: 91 Resp: 644204

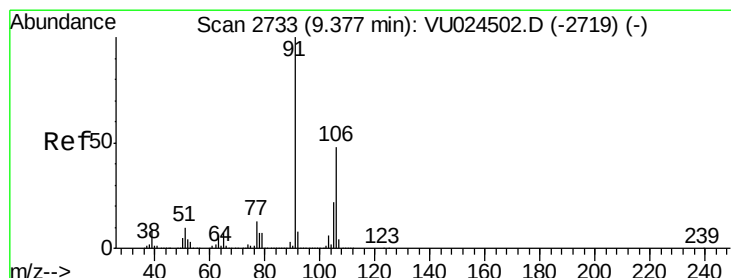
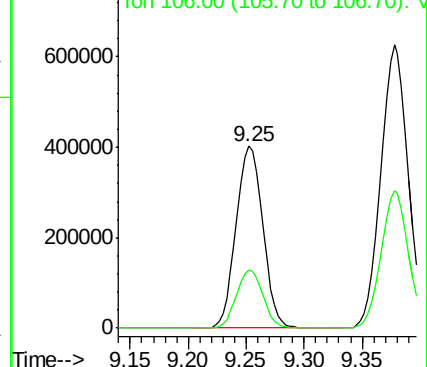
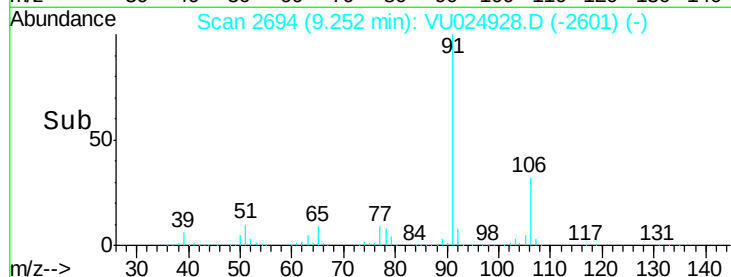
Ion Ratio Lower Upper

91 100

106 32.2 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU024928.D (-2601) (-)



#68

m/p-Xylenes

Concen: 115.291 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024928.D

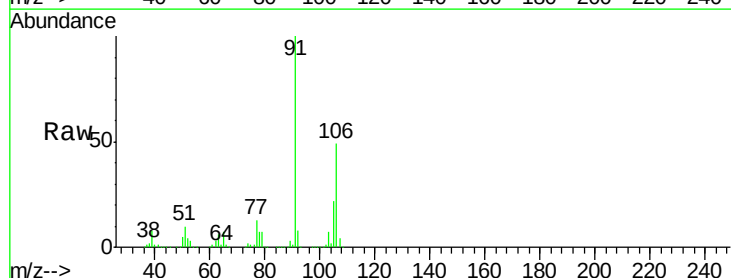
Acq: 26 Jun 2018 18:33

Tgt Ion: 106 Resp: 504517

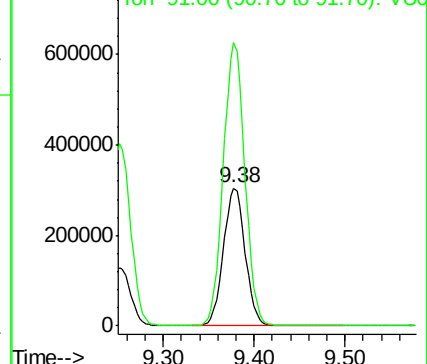
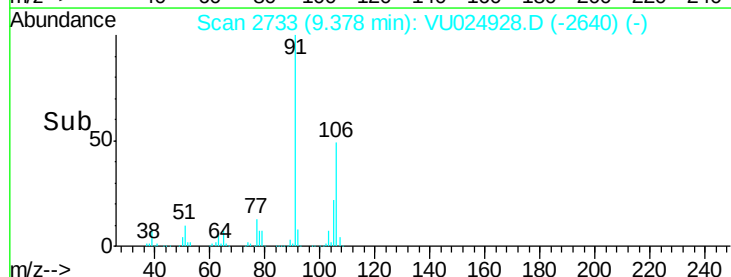
Ion Ratio Lower Upper

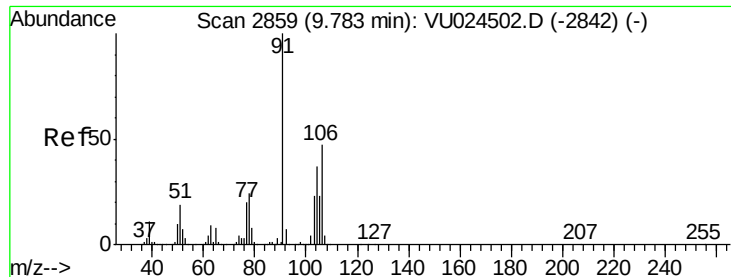
106 100

91 204.9 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU024928.D (-2640) (-)

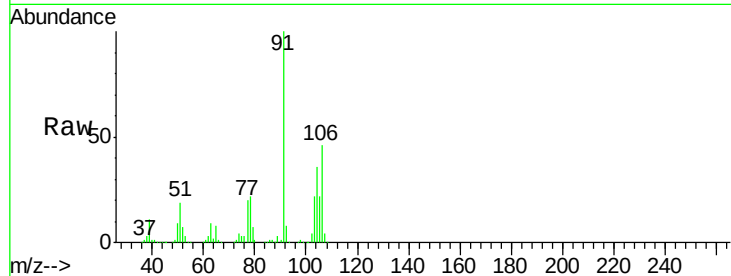




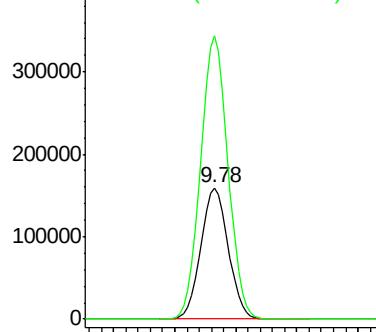
#69
o-Xylene
Concen: 58.017 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

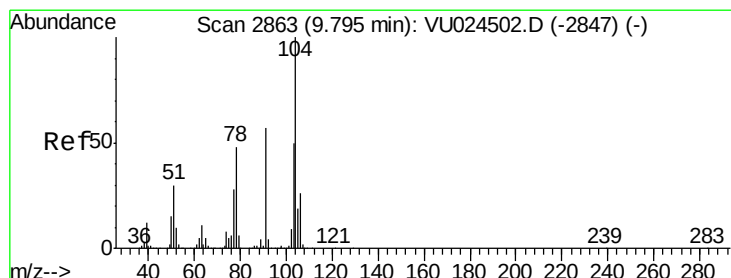
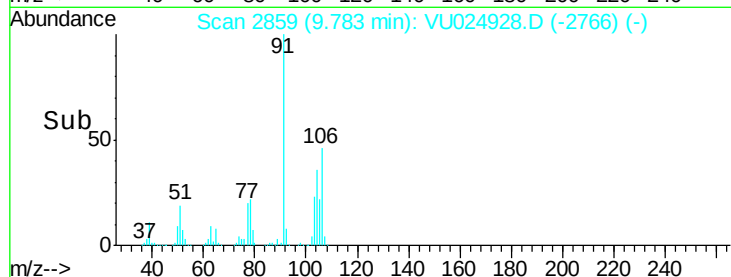
Tgt Ion:106 Resp: 251259
Ion Ratio Lower Upper
106 100
91 214.2 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

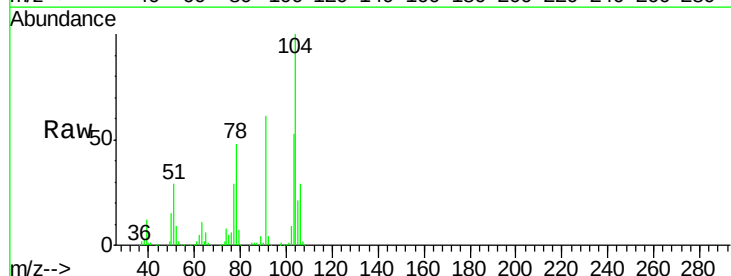


Time--> 9.70 9.75 9.80 9.85 9.90

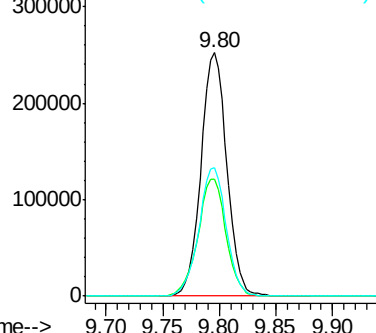


#70
Styrene
Concen: 56.456 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

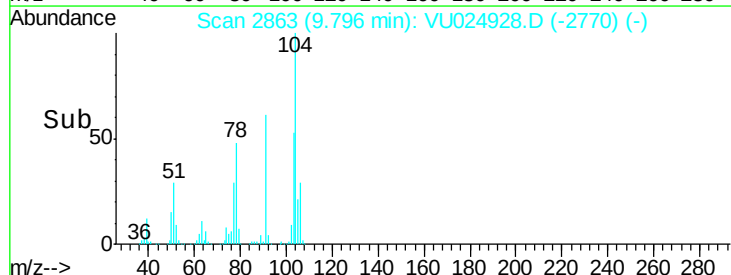
Tgt Ion:104 Resp: 401796
Ion Ratio Lower Upper
104 100
78 52.2 40.6 60.8
103 56.1 44.7 67.1

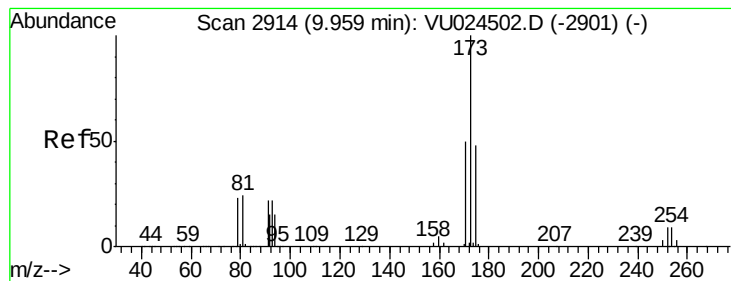


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time--> 9.70 9.75 9.80 9.85 9.90





#71

Bromoform

Concen: 51.427 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

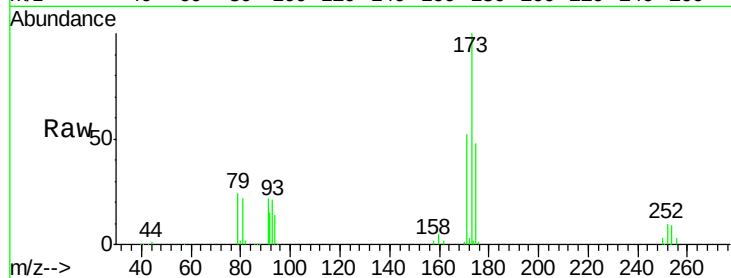
Tgt Ion:173 Resp: 120721

Ion Ratio Lower Upper

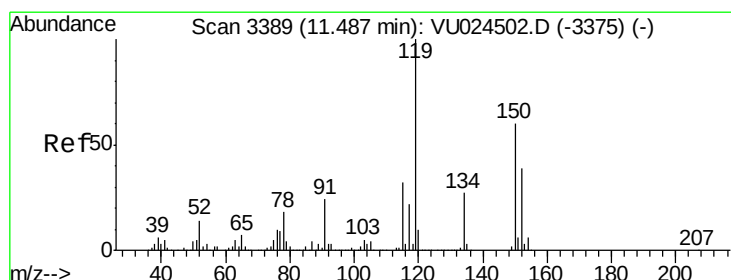
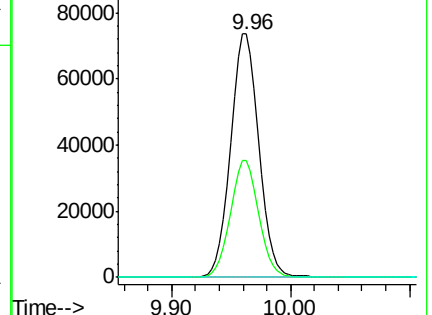
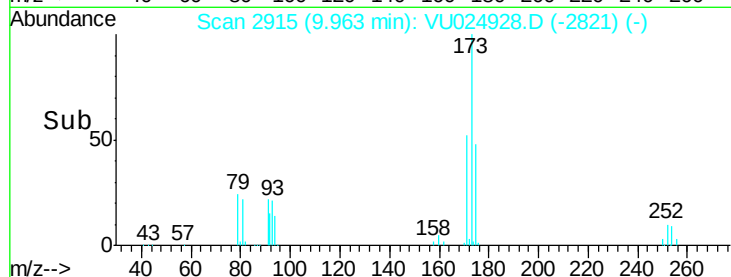
173 100

175 48.1 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: VU024928.D

Acq: 26 Jun 2018 18:33

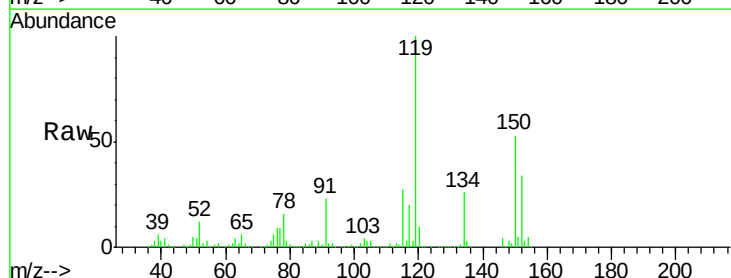
Tgt Ion:152 Resp: 165609

Ion Ratio Lower Upper

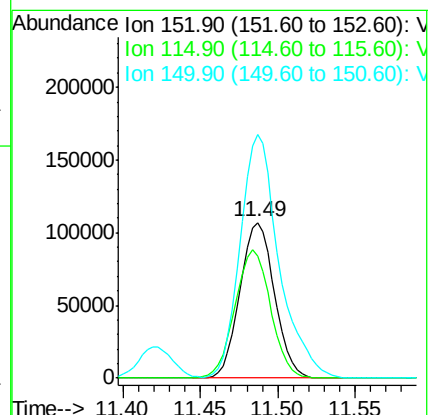
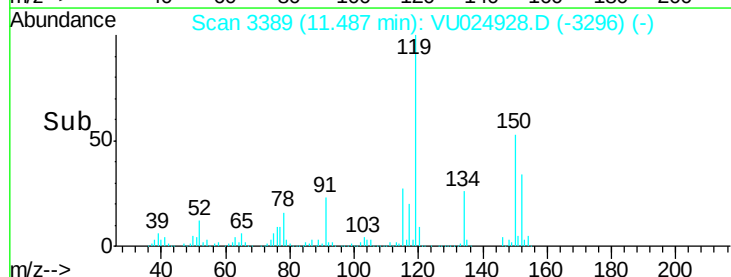
152 100

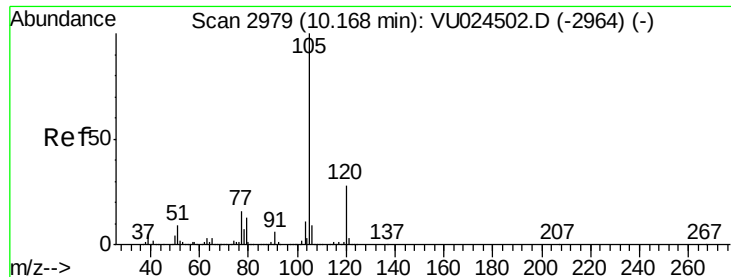
115 85.2 43.0 129.0

150 176.4 0.0 354.0



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





#73

Isopropylbenzene

Concen: 53.710 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

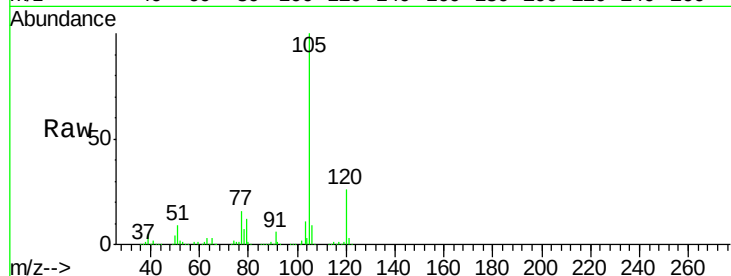
VSTDCCC050

Tgt Ion: 105 Resp: 682904

Ion Ratio Lower Upper

105 100

120 26.3 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

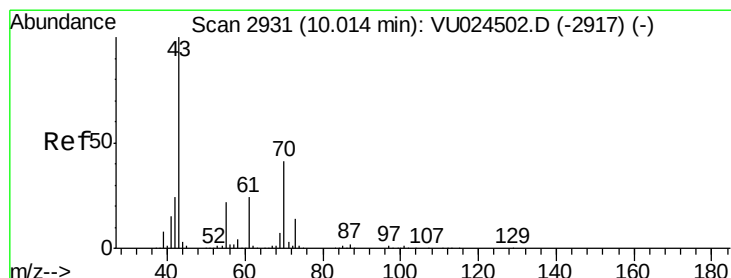
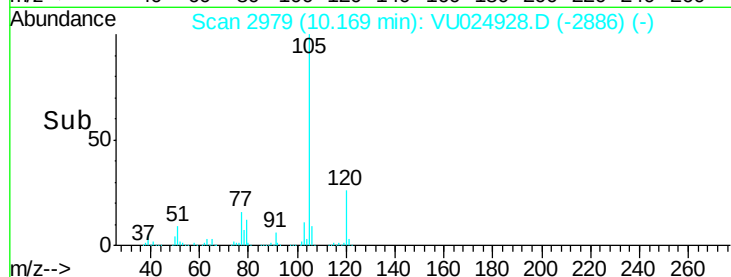
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 48.049 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Tgt Ion: 43 Resp: 290589

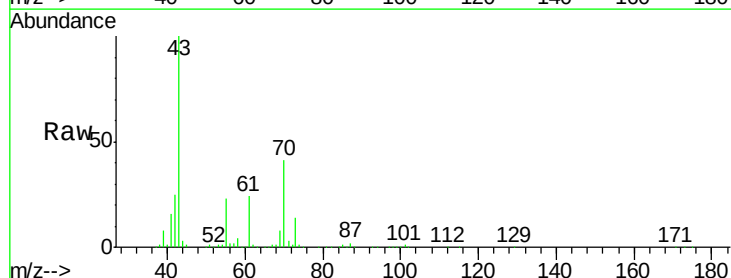
Ion Ratio Lower Upper

43 100

70 41.2 32.2 48.4

55 23.7 20.5 30.7

61 23.7 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

300000

250000

200000

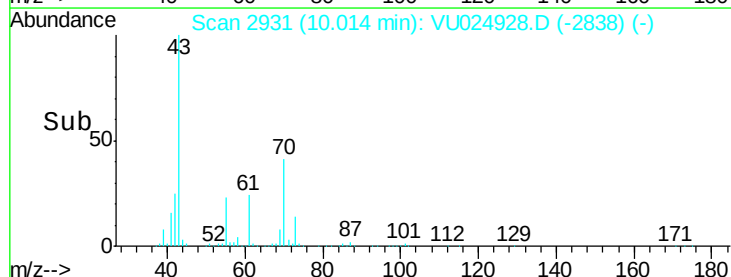
150000

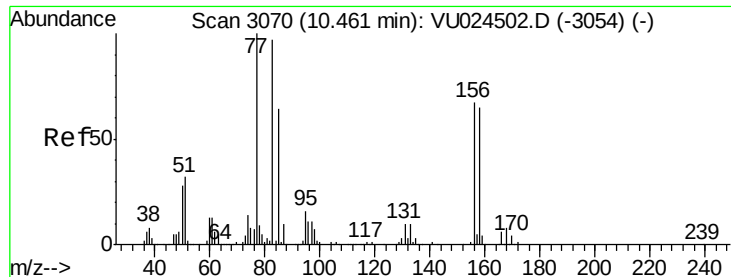
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.773 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

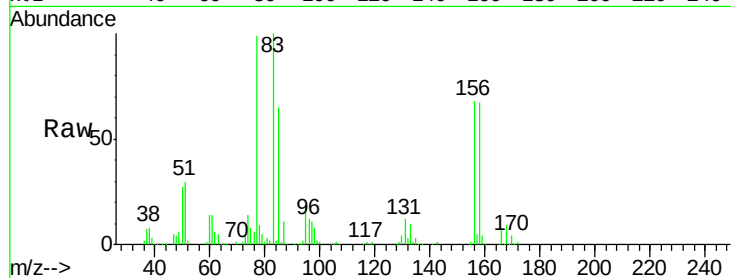
Tgt Ion: 83 Resp: 220594

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

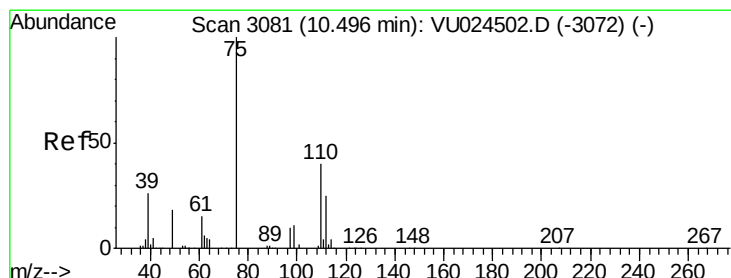
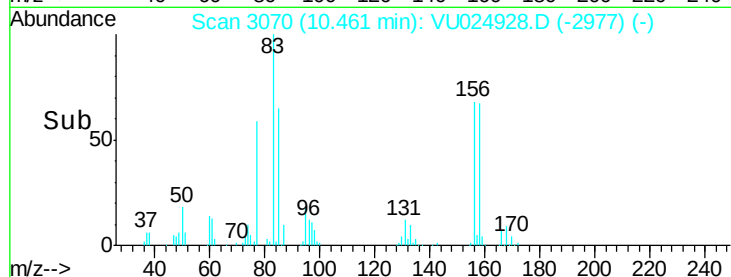
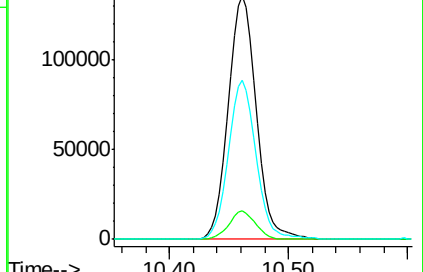
85 64.7 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU024928.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024928.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024928.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 72.105 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024928.D

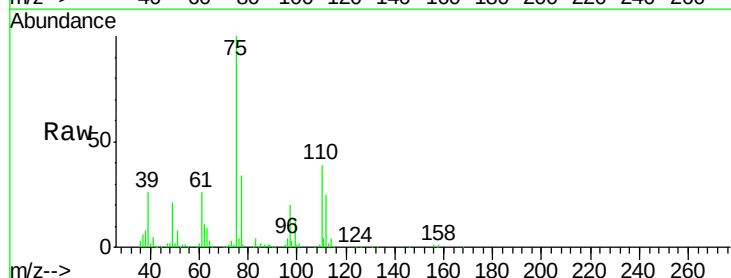
Acq: 26 Jun 2018 18:33

Tgt Ion: 75 Resp: 262903

Ion Ratio Lower Upper

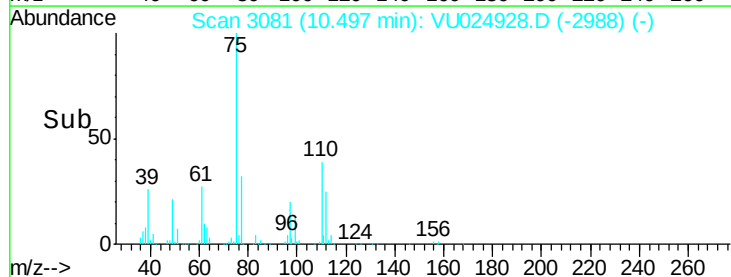
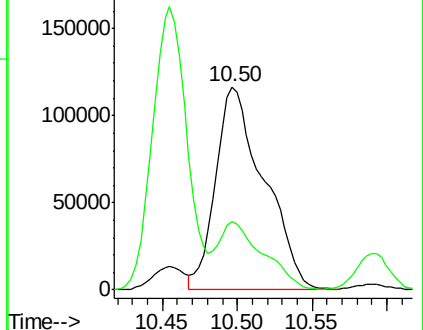
75 100

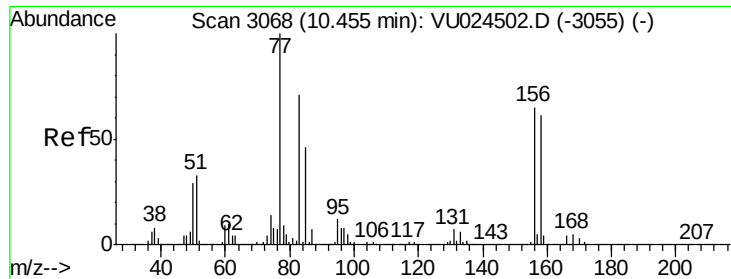
77 30.0 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024928.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024928.D (-2988) (-)





#77

Bromobenzene

Concen: 53.274 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

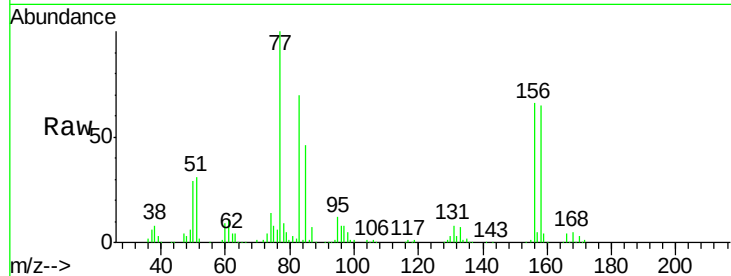
Tgt Ion:156 Resp: 171483

Ion Ratio Lower Upper

156 100

77 151.5 80.5 241.3

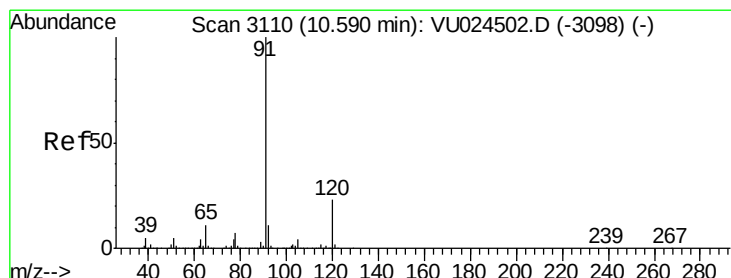
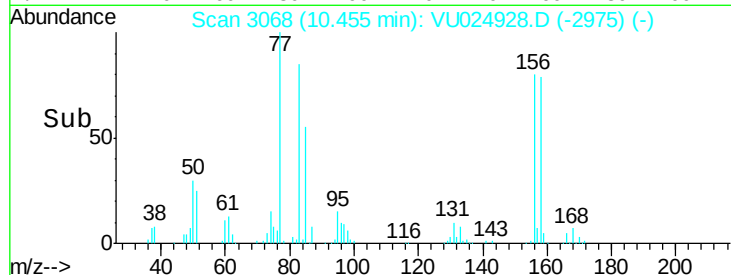
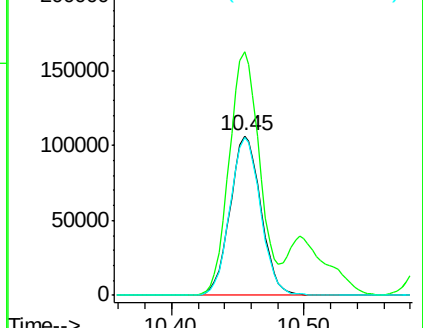
158 98.4 48.2 144.6



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: 52.401 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024928.D

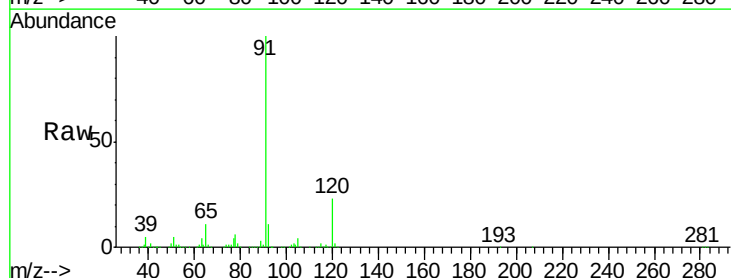
Acq: 26 Jun 2018 18:33

Tgt Ion: 91 Resp: 784857

Ion Ratio Lower Upper

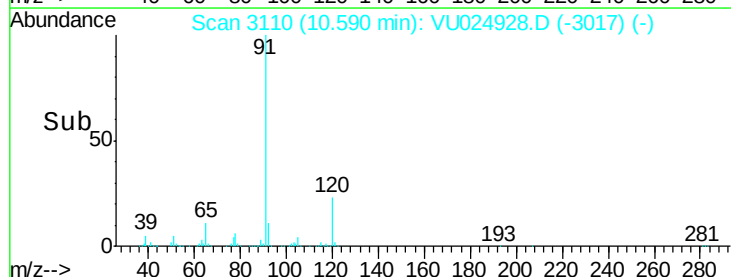
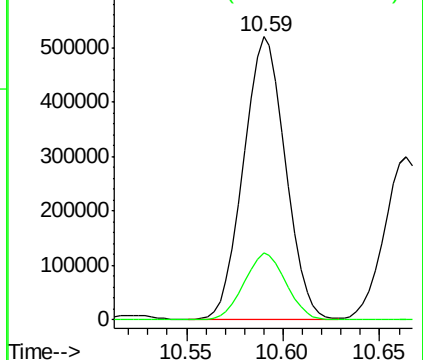
91 100

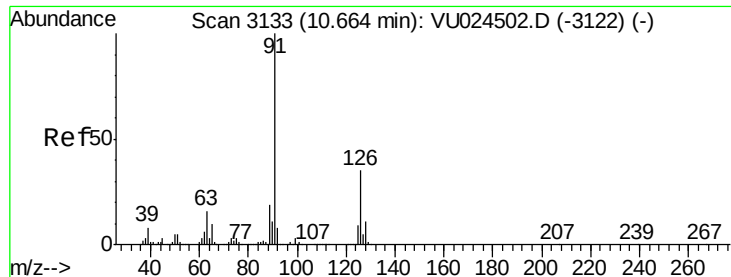
120 23.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.967 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

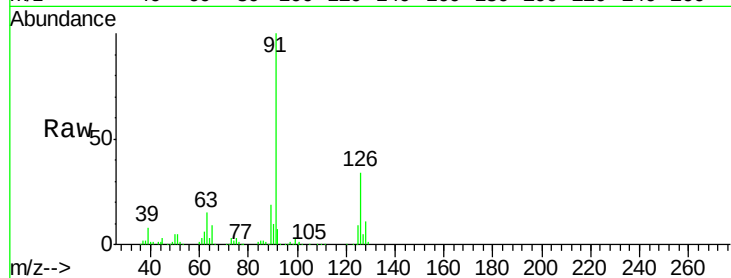
VSTDCCC050

Tgt Ion: 91 Resp: 467844

Ion Ratio Lower Upper

91 100

126 34.0 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3122) (-)

Ion 125.90 (125.60 to 126.60): VU024502.D (-3122) (-)

600000

500000

400000

300000

200000

100000

0

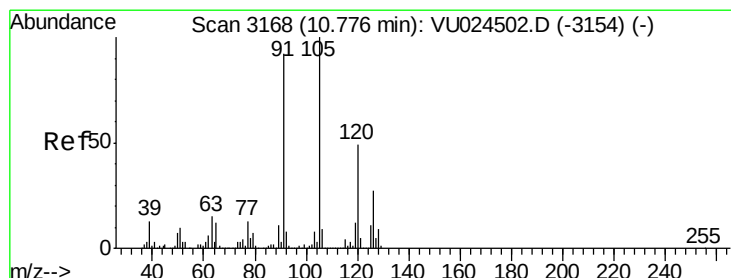
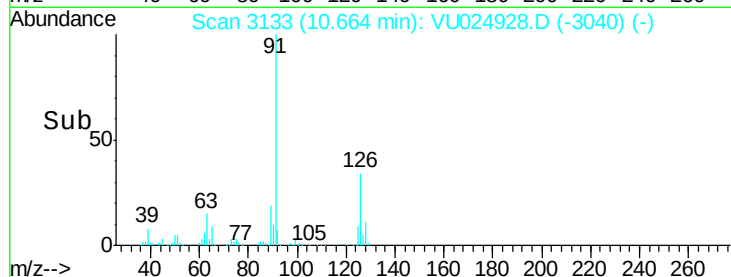
10.60

10.65

10.70

10.75

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.921 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024928.D

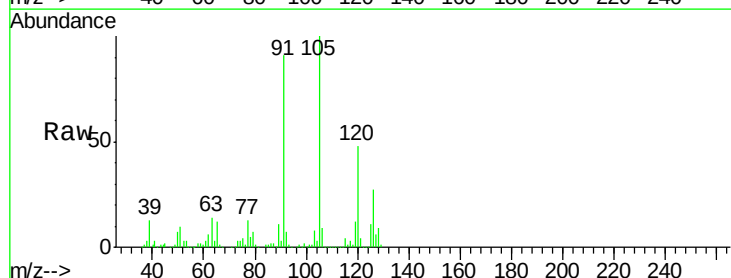
Acq: 26 Jun 2018 18:33

Tgt Ion: 105 Resp: 594229

Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU024502.D (-3154) (-)

Ion 120.00 (119.70 to 120.70): VU024502.D (-3154) (-)

400000

300000

200000

100000

0

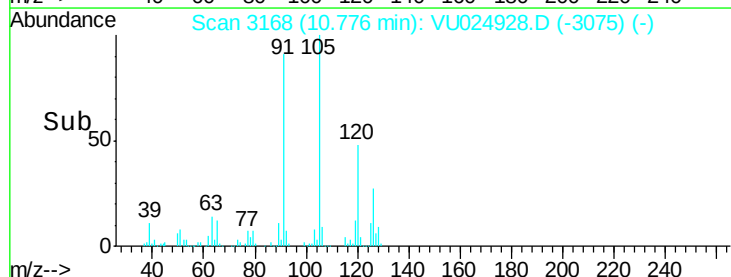
10.70

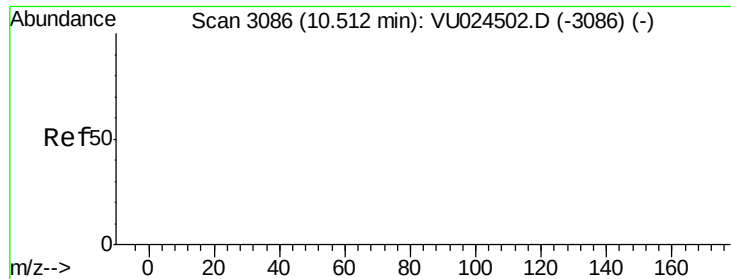
10.75

10.80

10.85

Time-->

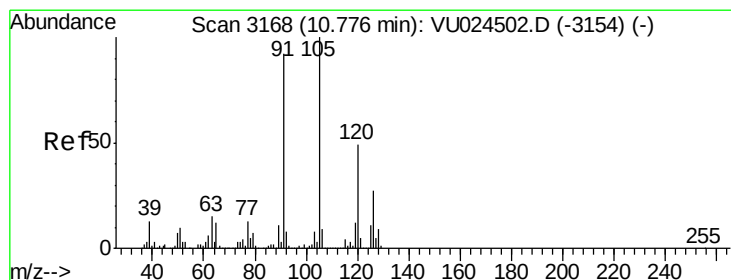
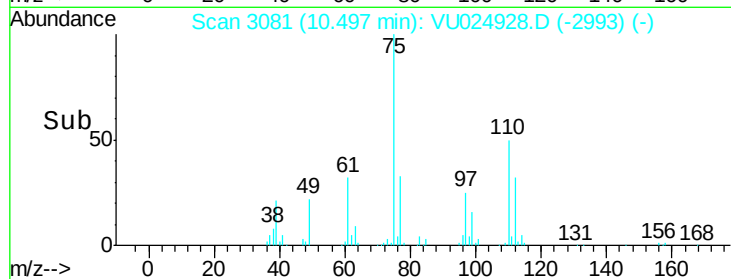
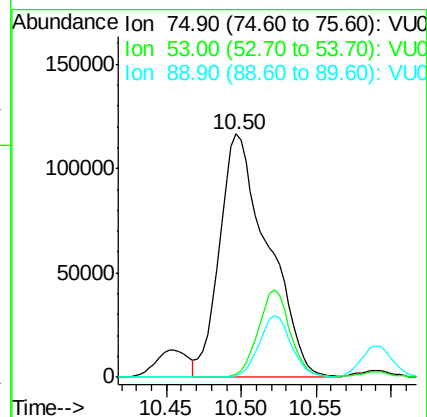
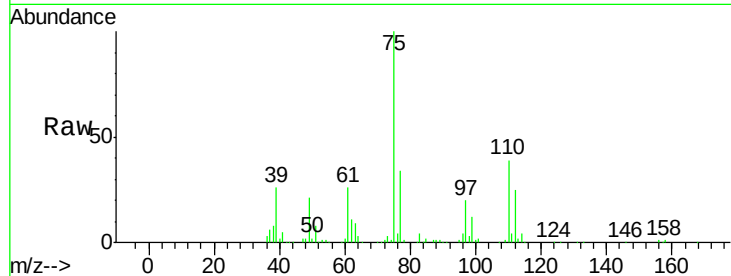




#81
trans-1,4-Dichloro-2-butene
Concen: 166.881 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

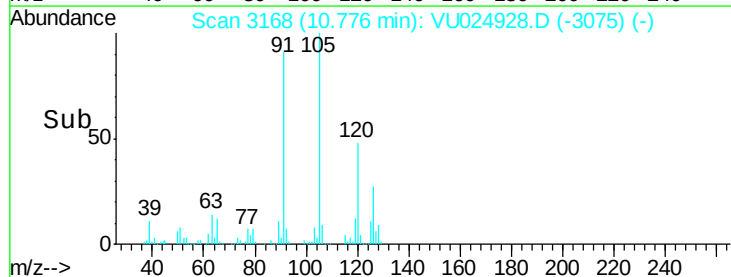
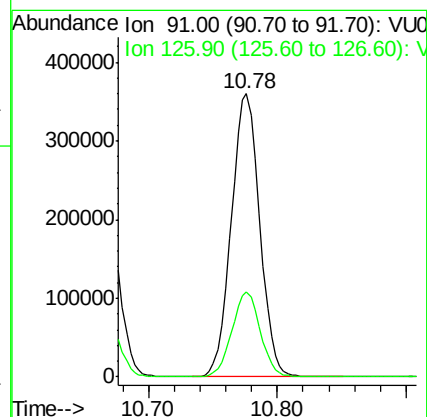
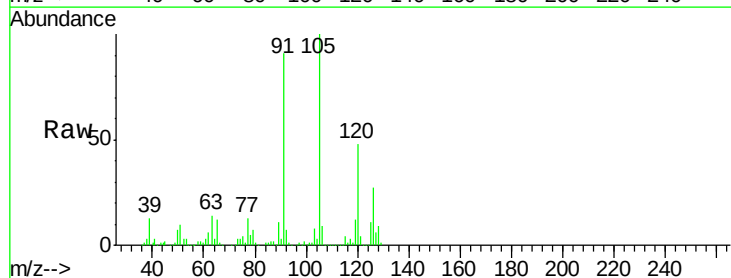
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

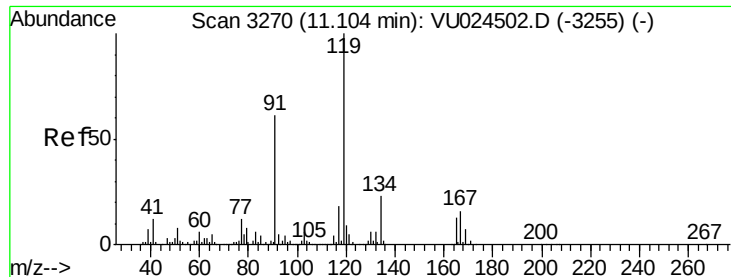
Tgt Ion: 75 Resp: 262903
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 53.339 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

Tgt Ion: 91 Resp: 548346
Ion Ratio Lower Upper
91 100
126 29.8 14.9 44.9

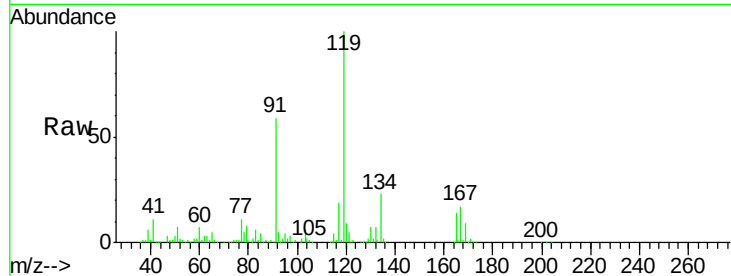




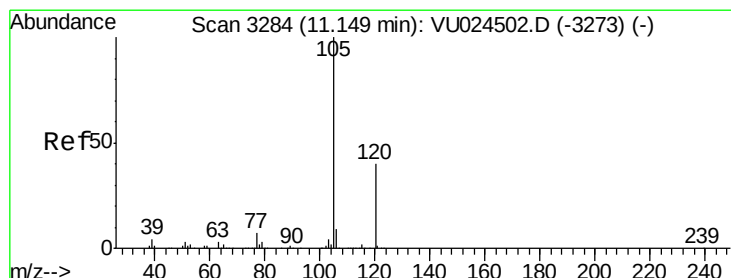
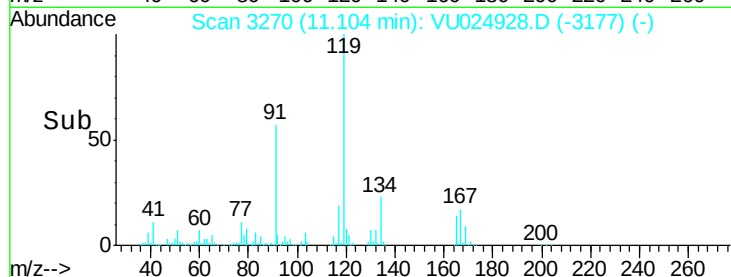
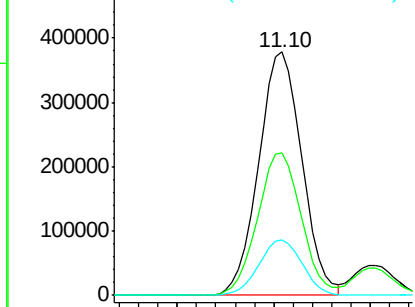
#83
 tert-Butylbenzene
 Concen: 55.503 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 588382
 Ion Ratio Lower Upper
 119 100
 91 59.2 29.7 89.1
 134 22.9 11.6 34.7

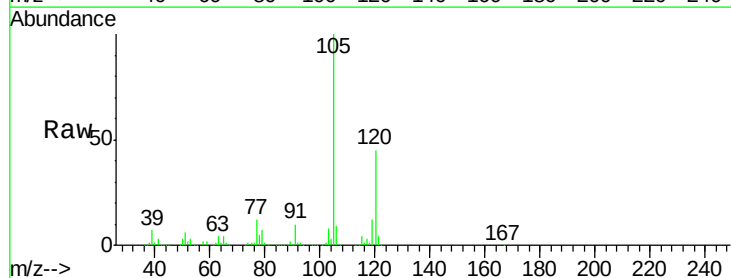


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

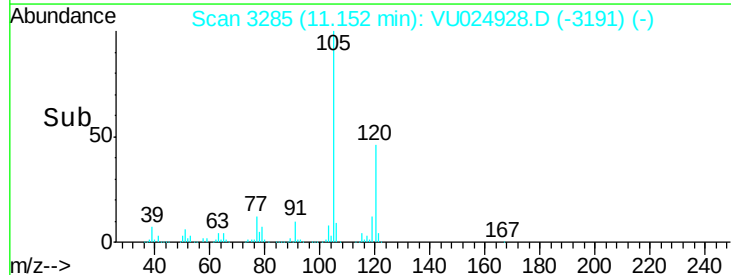
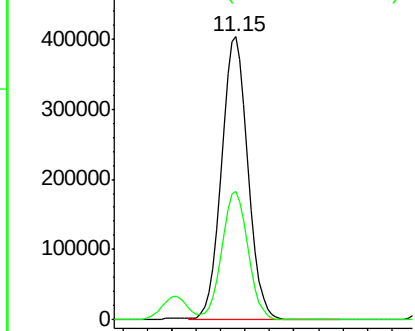


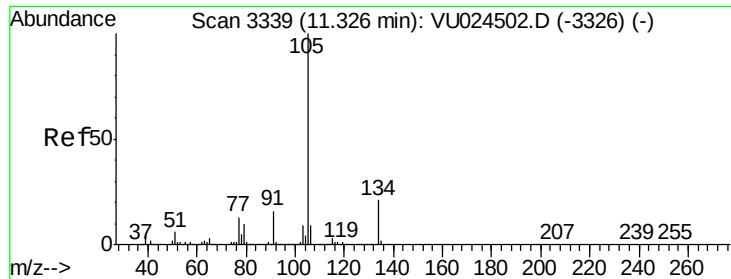
#84
 1,2,4-Trimethylbenzene
 Concen: 54.327 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

Tgt Ion:105 Resp: 610137
 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: 53.858 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

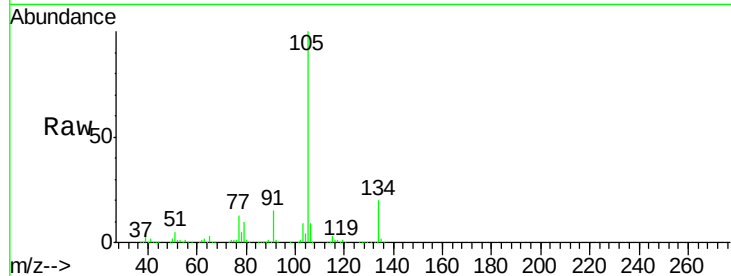
VSTDCCC050

Tgt Ion:105 Resp: 714666

Ion Ratio Lower Upper

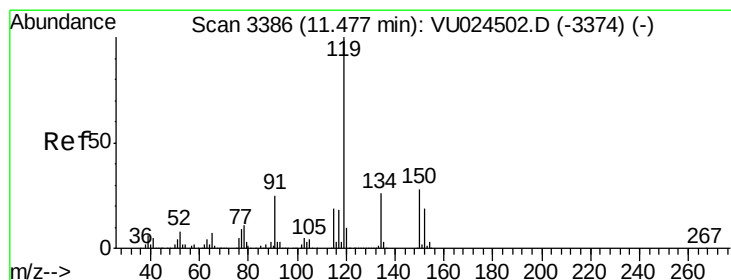
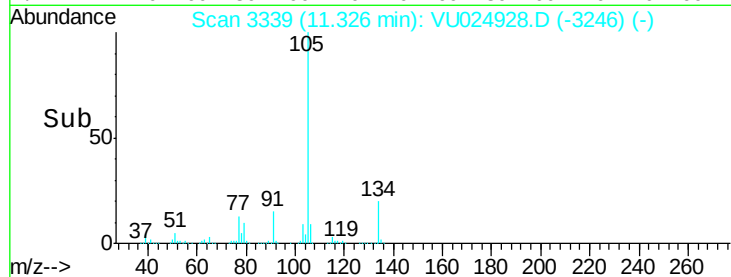
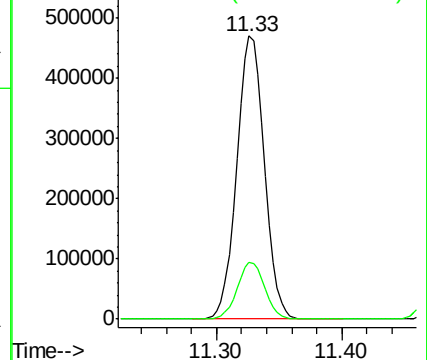
105 100

134 20.1 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.790 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

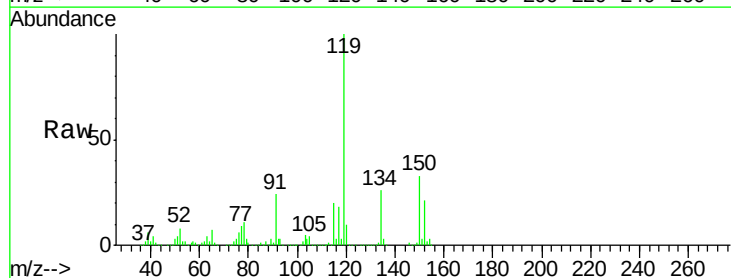
Tgt Ion:119 Resp: 639253

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

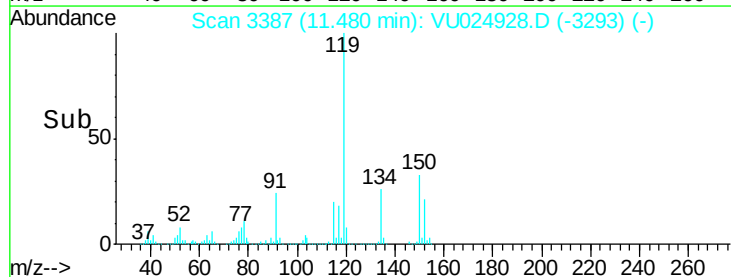
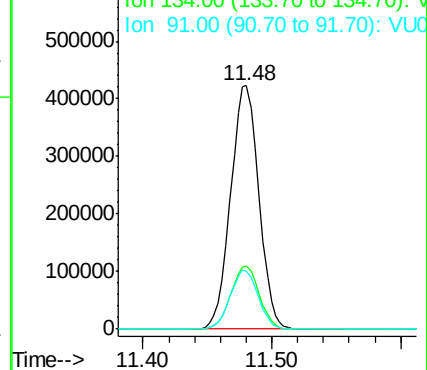
91 24.1 12.0 36.1

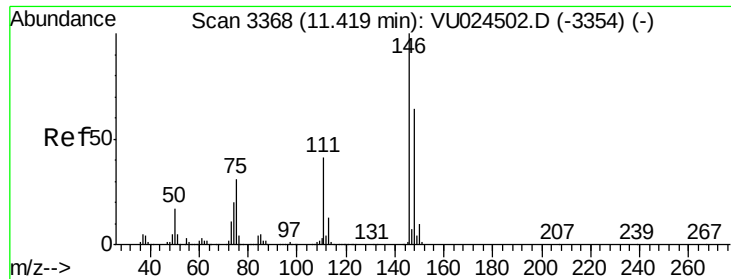


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

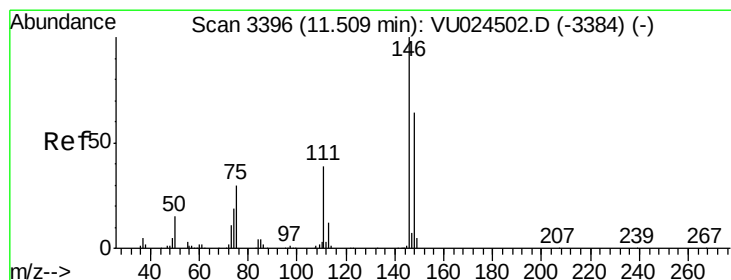
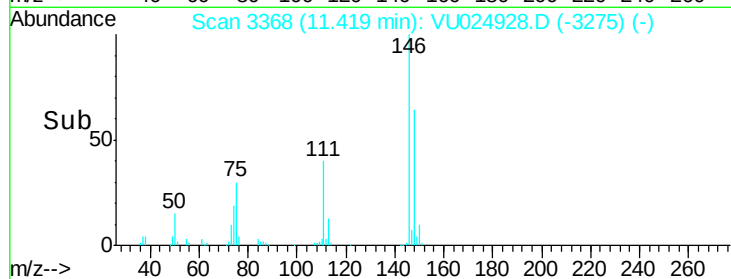
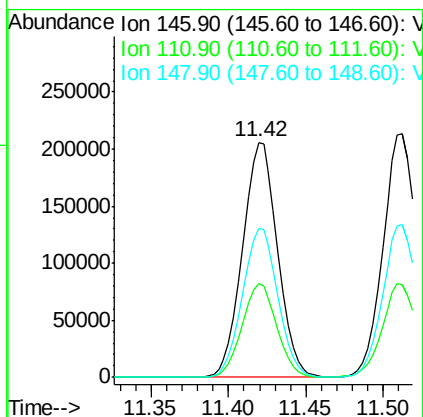
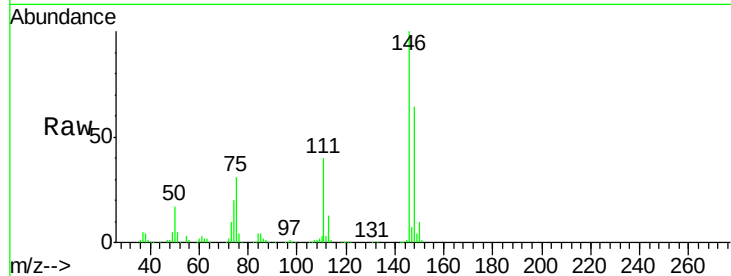




#87
 1,3-Dichlorobenzene
 Concen: 54.512 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

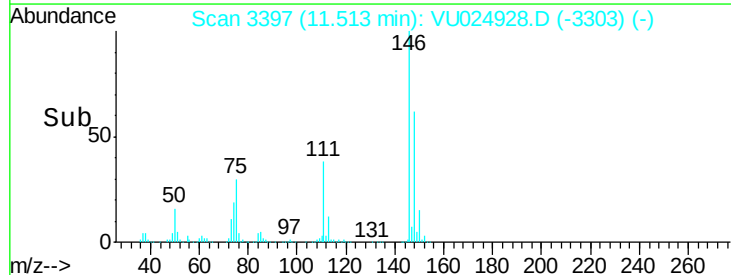
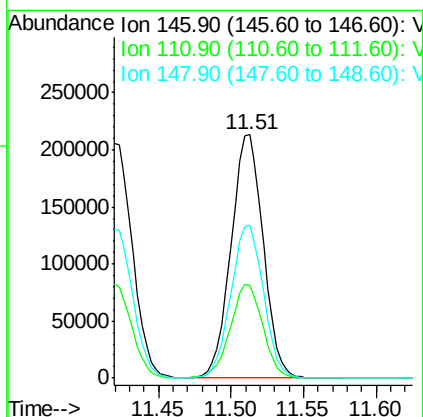
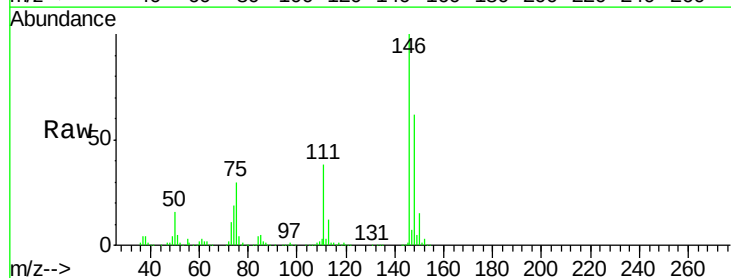
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

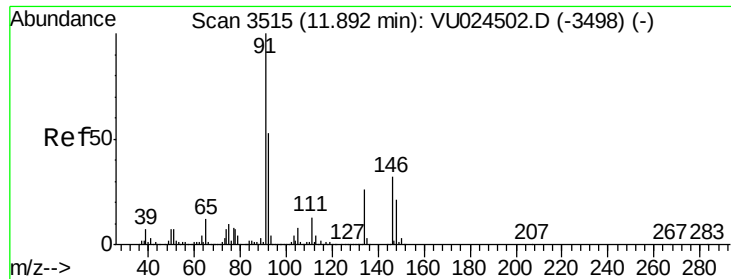
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	60.0
148	63.8	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 54.720 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

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





#89

n-Butylbenzene

Concen: 51.127 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024928.D

Acq: 26 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

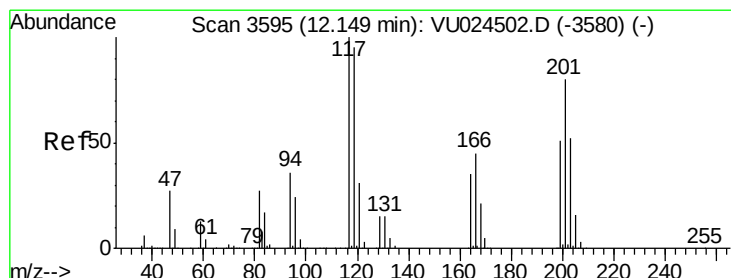
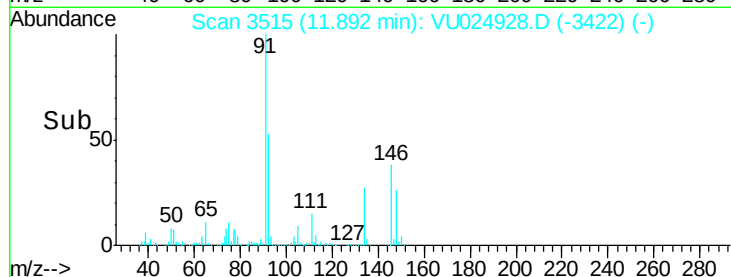
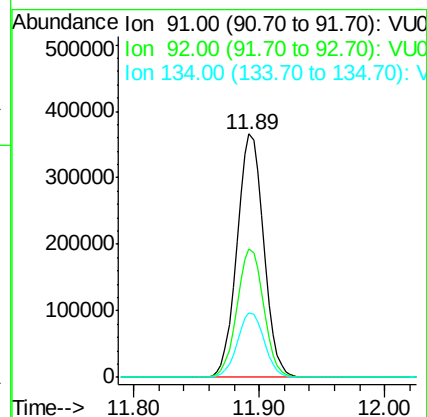
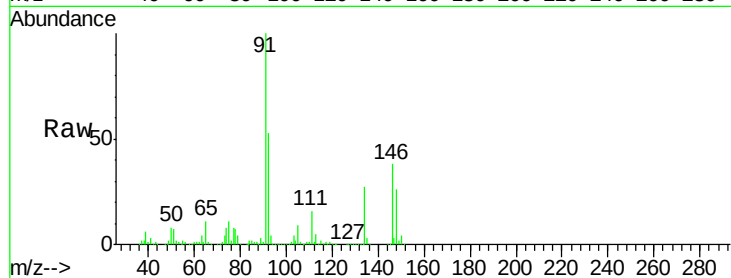
Tgt Ion: 91 Resp: 539444

Ion Ratio Lower Upper

91 100

92 52.9 25.6 76.8

134 26.8 12.3 36.8



#90

Hexachloroethane

Concen: 48.257 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024928.D

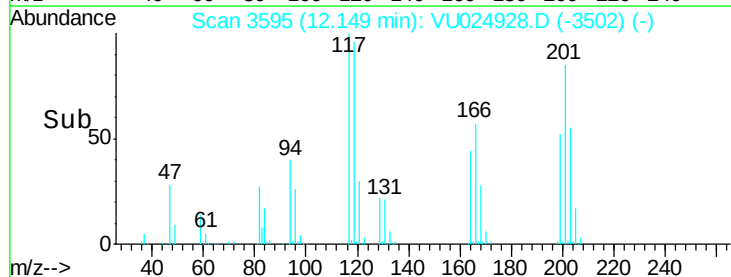
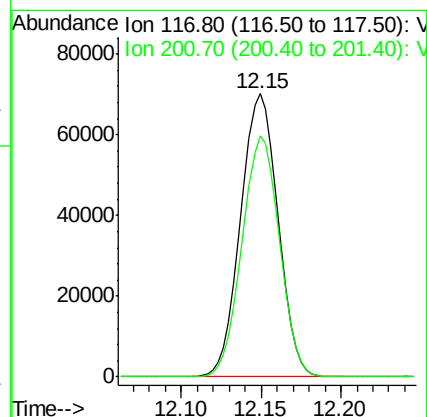
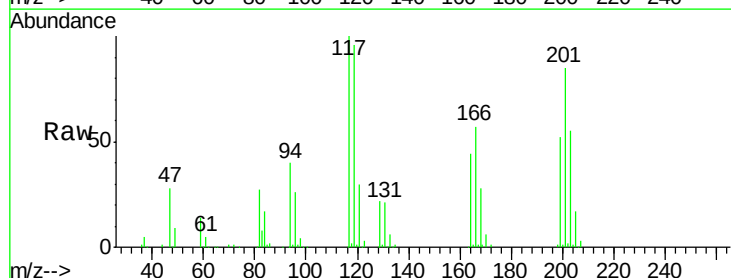
Acq: 26 Jun 2018 18:33

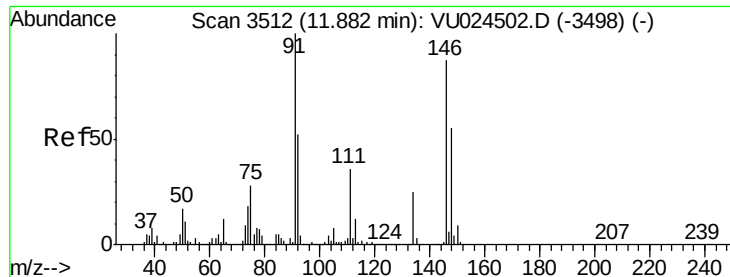
Tgt Ion: 117 Resp: 111876

Ion Ratio Lower Upper

117 100

201 85.0 41.1 123.3

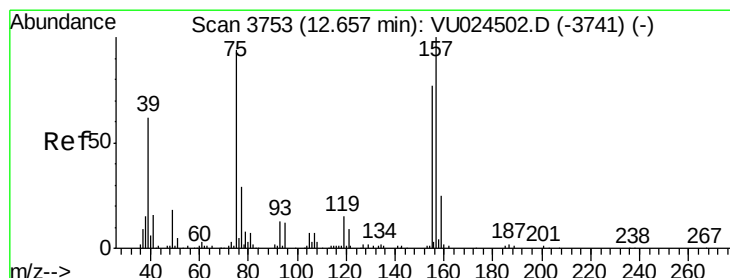
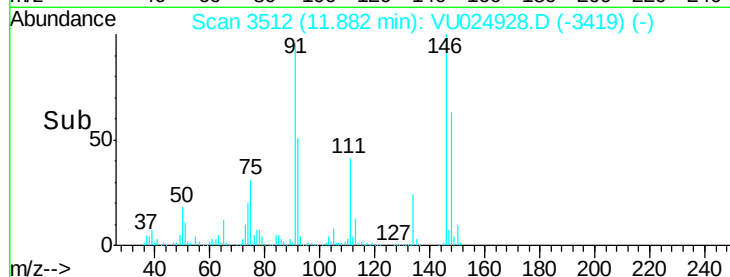
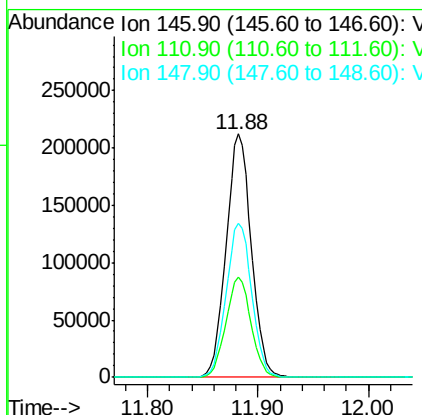
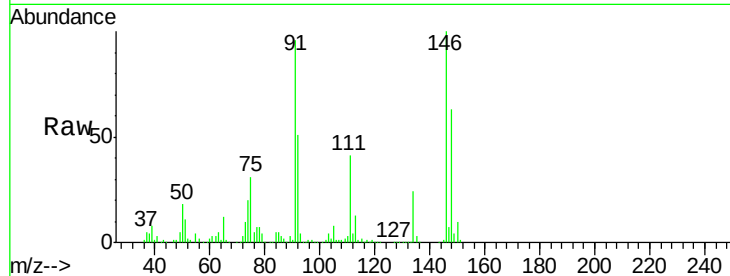




#91
 1,2-Dichlorobenzene
 Concen: 56.269 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

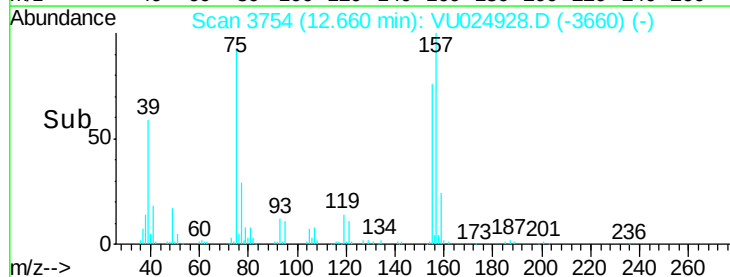
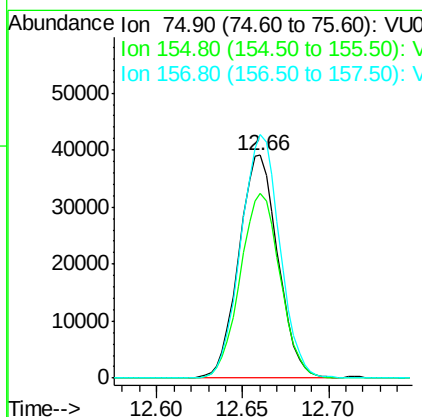
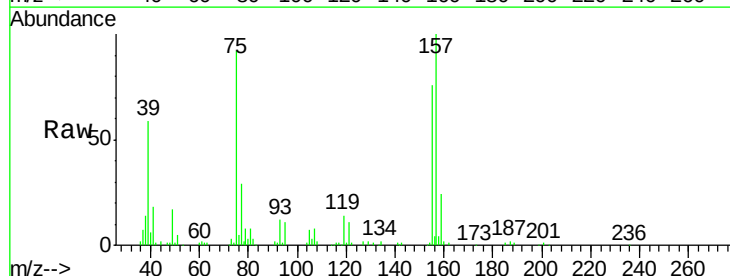
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

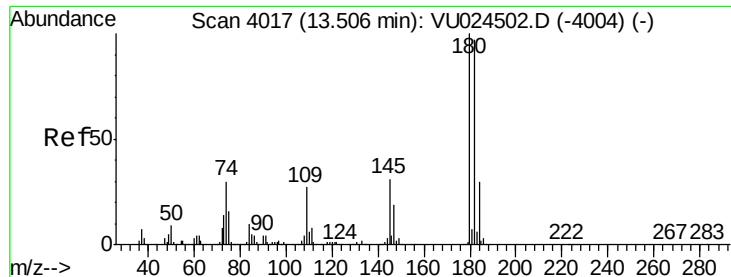
Tgt Ion: 146 Resp: 335171
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.5 61.6
 148 64.4 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.457 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

Tgt Ion: 75 Resp: 61672
 Ion Ratio Lower Upper
 75 100
 155 84.3 40.4 121.2
 157 108.7 52.3 156.8

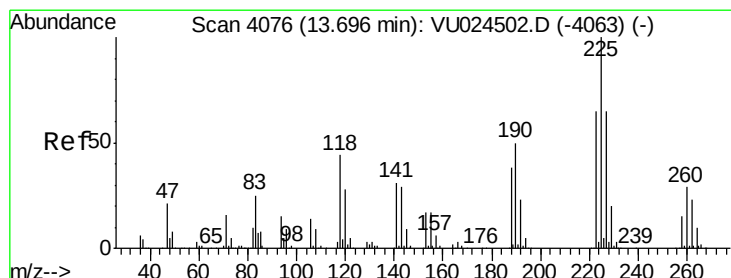
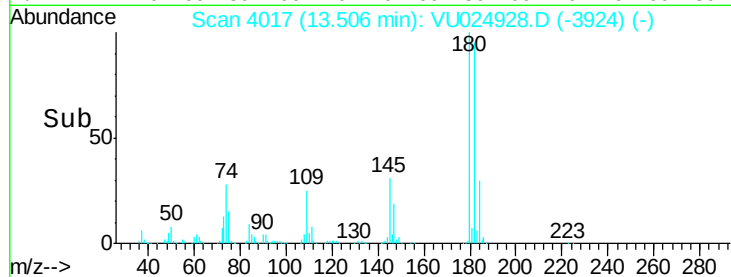
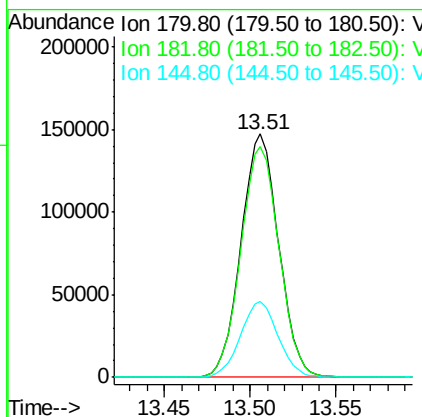
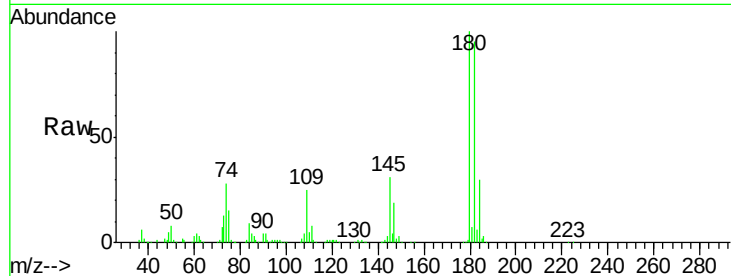




#93
 1,2,4-Trichlorobenzene
 Concen: 60.942 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

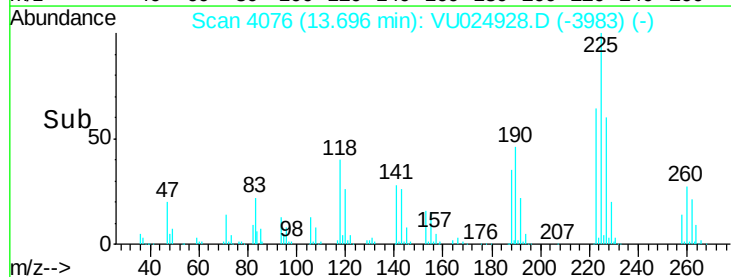
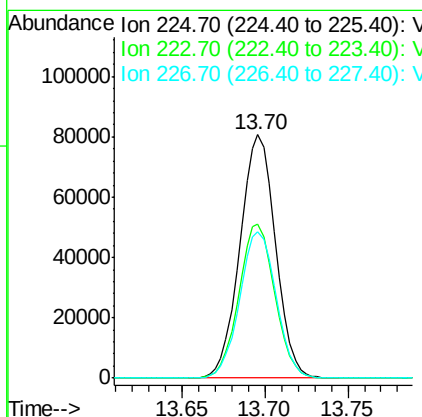
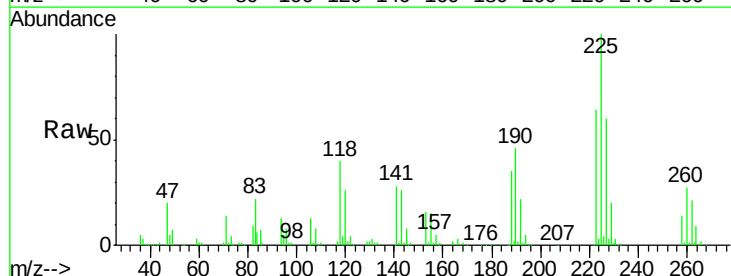
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

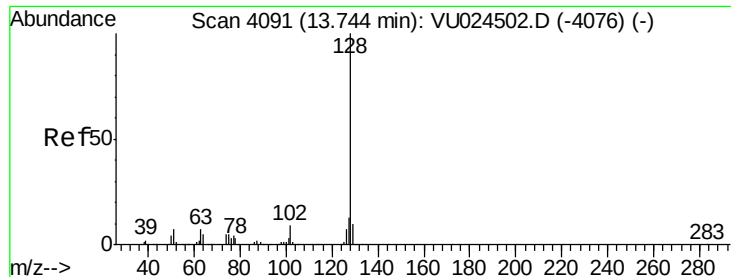
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	48.0	144.2
145	31.4	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 58.086 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024928.D
 Acq: 26 Jun 2018 18:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.3	93.8
227	61.5	31.8	95.4

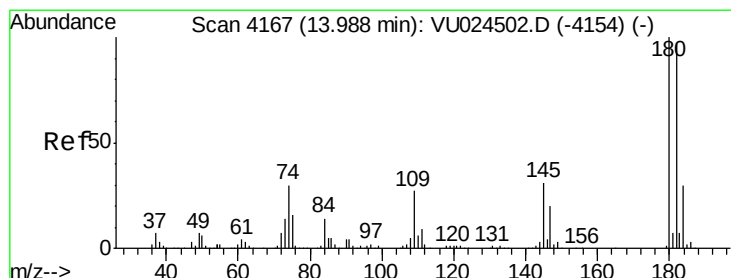
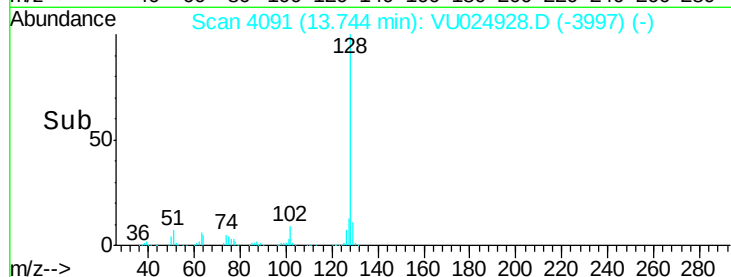
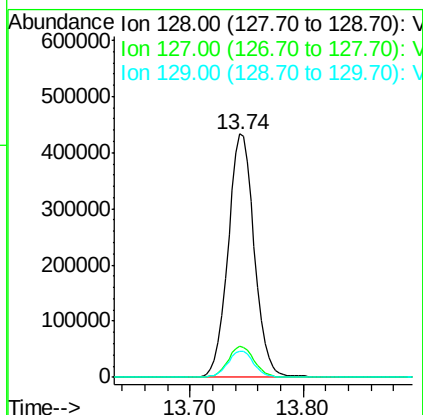
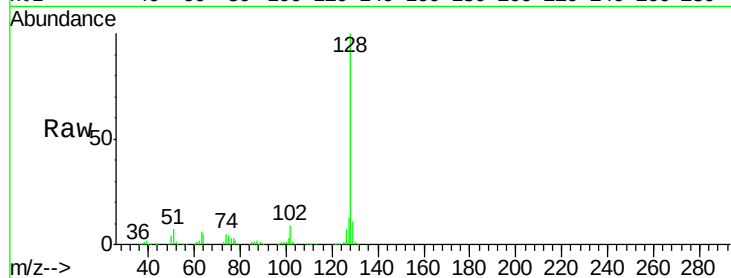




#95
Naphthalene
Concen: 57.031 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 695658
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 62.447 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU024928.D
Acq: 26 Jun 2018 18:33

Tgt Ion:180 Resp: 228886
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.7
145 31.9 15.4 46.1

