

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
 Data File : VX013497.D
 Acq On : 21 Nov 2019 12:53
 Operator : JC/SP
 Sample : K5958-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

Quant Time: Nov 22 01:07:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	669250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1077822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	976917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	498576	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	391869	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	5.49	113	324111	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	8.71	98	1301654	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.14	95	475764	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	2788	0.420	ug/l #	73
6) Chloroethane	1.62	64	838	Below Cal		94
10) Methyl Iodide	2.49	142	2091	0.269	ug/l #	77
11) Tert butyl alcohol	3.05	59	4278	2.047	ug/l #	94
13) Acrolein	2.33	56	745	0.658	ug/l	84
16) Acetone	2.44	43	5583	1.412	ug/l #	81
20) Methylene Chloride	2.84	84	2165	0.296	ug/l #	52
25) 2-Butanone	4.69	43	3411	0.588	ug/l #	73
28) Bromochloromethane	5.01	49	800	0.234	ug/l #	36
30) Chloroform	5.20	83	11688	0.983	ug/l	100
36) 1,1-Dichloropropene	5.65	75	46112	4.987	ug/l #	51
38) Carbon Tetrachloride	5.65	117	58206	6.437	ug/l #	16
39) Methylcyclohexane	7.46	83	14432	1.253	ug/l	97
44) Trichloroethene	7.20	130	2145	0.271	ug/l	96
49) 1,4-Dioxane	7.73	88	338	1.662	ug/l #	24
55) 1,1,2-Trichloroethane	9.15	97	6242	0.844	ug/l #	19
56) Ethyl methacrylate	9.18	69	1454	1.675	ug/l #	22
58) 2-Chloroethyl Vinyl ether	8.15	63	1046	0.207	ug/l	91
64) Tetrachloroethene	9.33	164	4605	0.658	ug/l #	82
67) Ethyl Benzene	10.25	91	1375508	40.296	ug/l	99
68) m/p-Xylenes	10.35	106	617130	47.804	ug/l	100
69) o-Xylene	10.70	106	35903	2.841	ug/l	98
71) Bromoform	10.86	173	308	3.245	ug/l #	28
73) Isopropylbenzene	11.01	105	1070041	32.370	ug/l	100
74) N-amyl acetate	10.91	43	10848	0.708	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.48	83	5528	0.458	ug/l	94
76) 1,2,3-Trichloropropane	11.35	75	13416	1.325	ug/l #	1
78) n-propylbenzene	11.35	91	2386214	64.803	ug/l	100
79) 2-Chlorotoluene	11.43	91	411763	18.560	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.50	105	2862479	103.961	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.01	75	12219	3.106	ug/l #	67
82) 4-Chlorotoluene	11.50	91	292866	11.277	ug/l #	44
83) tert-Butylbenzene	11.77	119	107639	3.883	ug/l	86
84) 1,2,4-Trimethylbenzene	11.80	105	12376379	448.082	ug/l	82

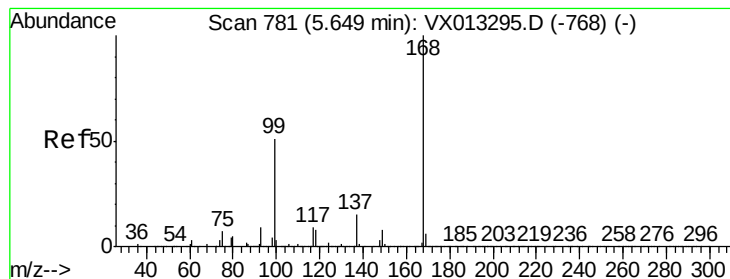
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
 Data File : VX013497.D
 Acq On : 21 Nov 2019 12:53
 Operator : JC/SP
 Sample : K5958-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

Quant Time: Nov 22 01:07:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	516246	16.206	ug/l #	76
86) p-Isopropyltoluene	12.06	119	471731	16.082	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	3632	0.227	ug/l #	1
89) n-Butylbenzene	12.38	91	477845	18.669	ug/l #	41
90) Hexachloroethane	12.58	117	66736	12.769	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2976	1.013	ug/l #	6
94) Hexachlorobutadiene	13.78	225	1132	0.211	ug/l	89
95) Naphthalene	13.83	128	817619	23.793	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013497.D

Acq: 21 Nov 2019 12:53

Instrument :

MSVOA_X

ClientSampled :

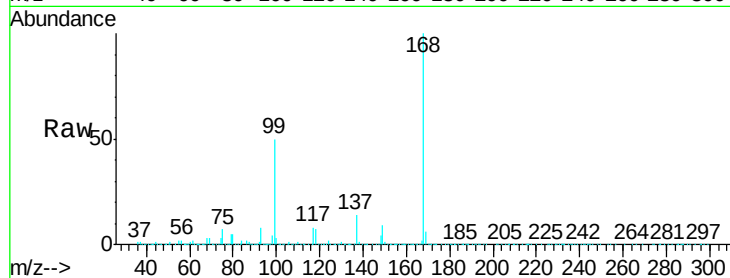
MW-4DL

Tgt Ion:168 Resp: 669250

Ion Ratio Lower Upper

168 100

99 50.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

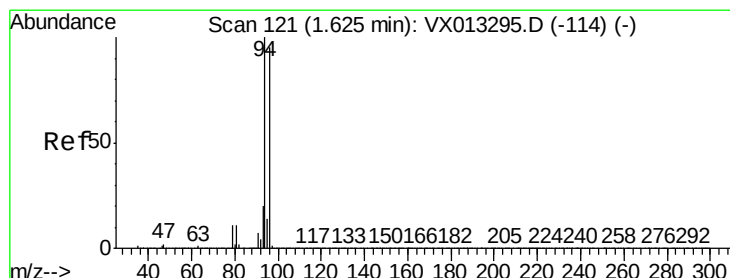
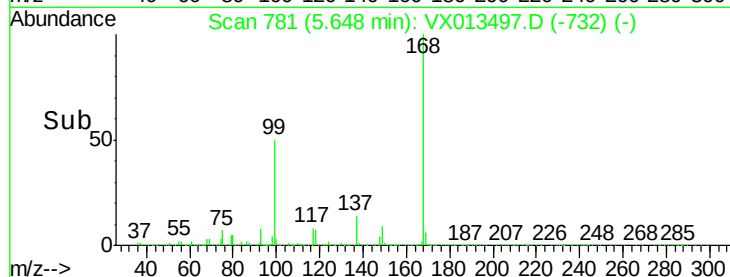
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.420 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013497.D

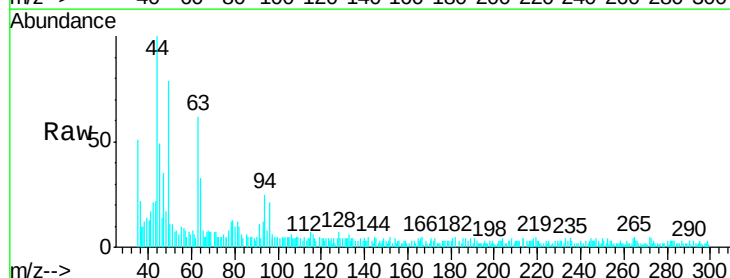
Acq: 21 Nov 2019 12:53

Tgt Ion: 94 Resp: 2788

Ion Ratio Lower Upper

94 100

96 68.3 75.8 113.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

2000

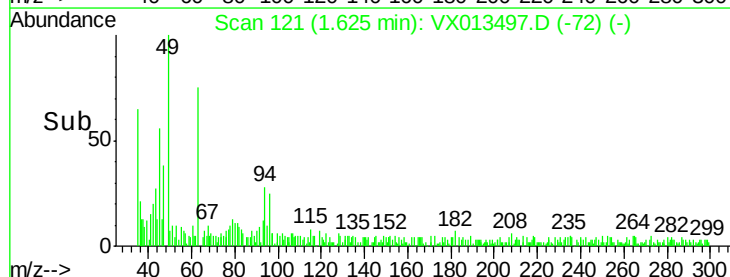
1500

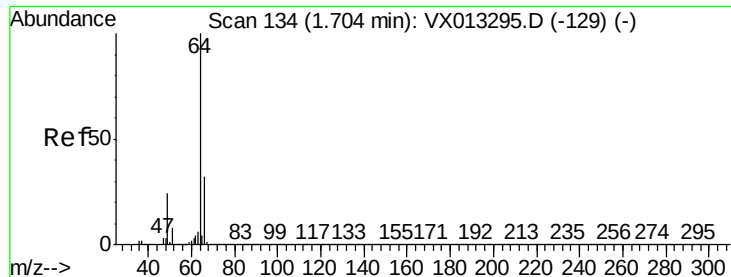
1000

500

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.62 min Scan# 121

Delta R.T. -0.08 min

Lab File: VX013497.D

Acq: 21 Nov 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

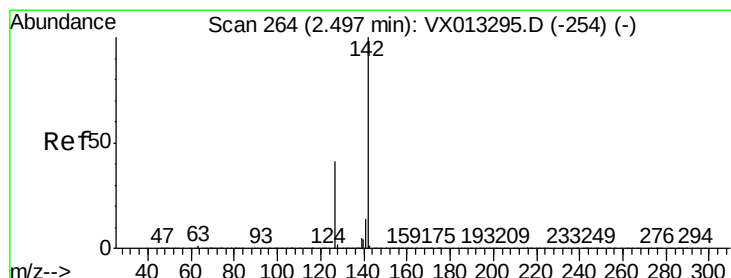
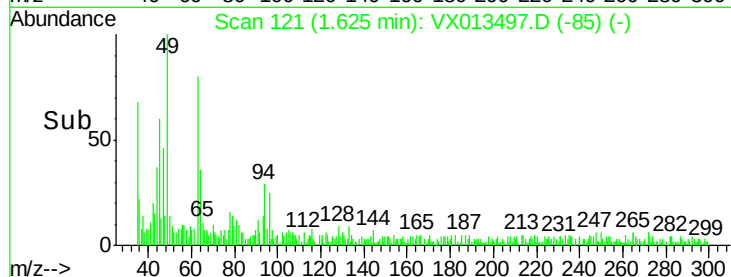
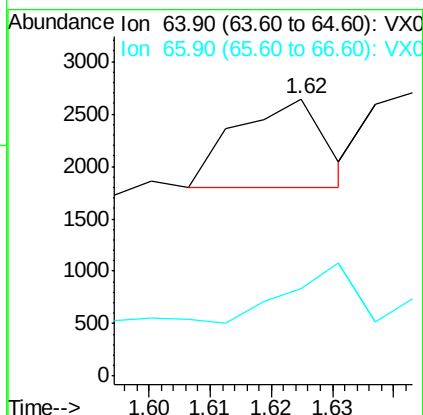
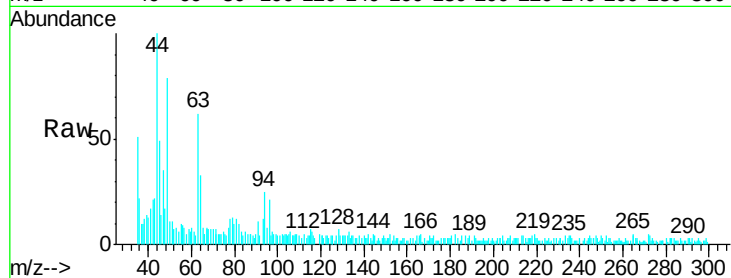
MW-4DL

Tgt Ion: 64 Resp: 838

Ion Ratio Lower Upper

64 100

66 35.2 25.6 38.4



#10

Methyl Iodide

Concen: 0.269 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX013497.D

Acq: 21 Nov 2019 12:53

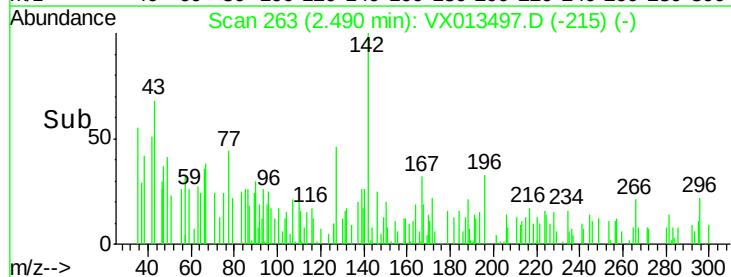
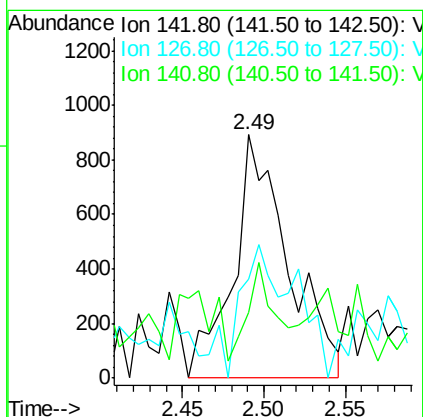
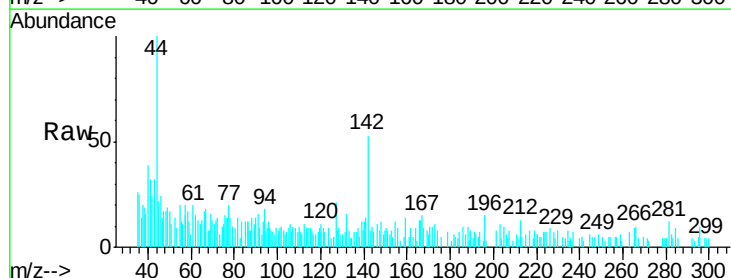
Tgt Ion: 142 Resp: 2091

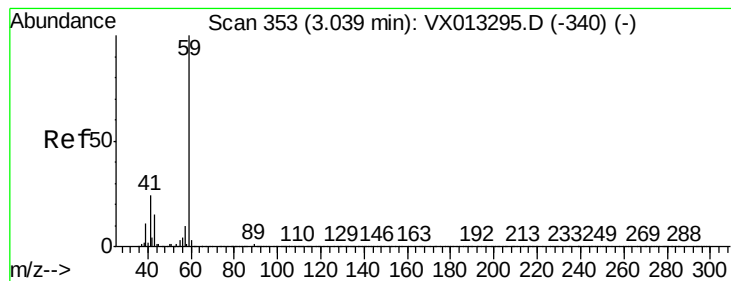
Ion Ratio Lower Upper

142 100

127 55.7 32.6 49.0#

141 22.5 11.6 17.4#



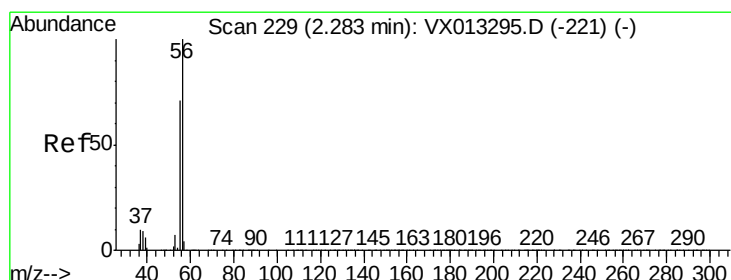
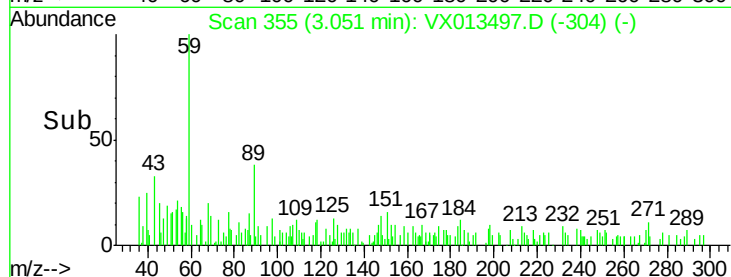
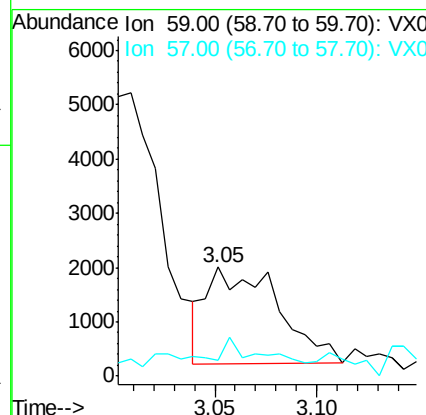
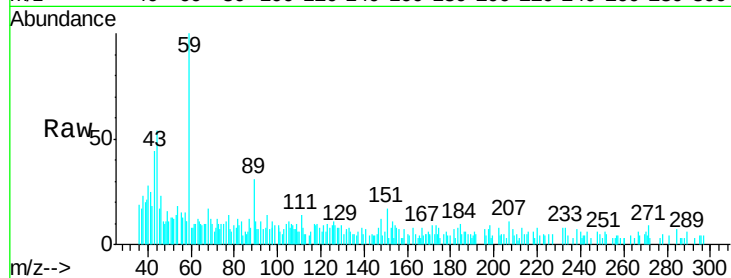


#11

Tert butyl alcohol
 Concen: 2.047 ug/l
 RT: 3.05 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: VX013497.D
 Acq: 21 Nov 2019 12:53

Instrument :
 MSVOA_X
 ClientSampled :
 MW-4DL

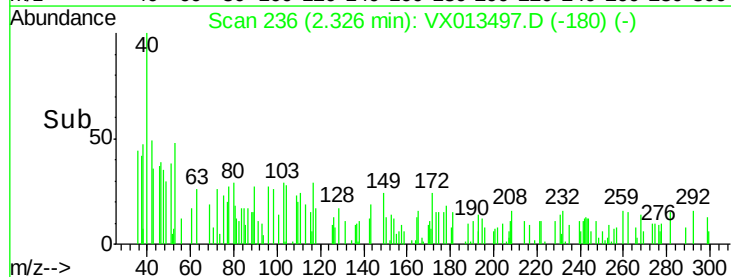
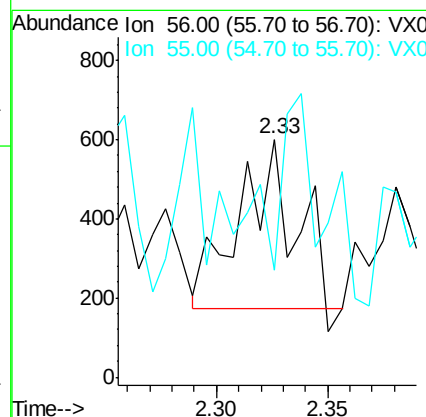
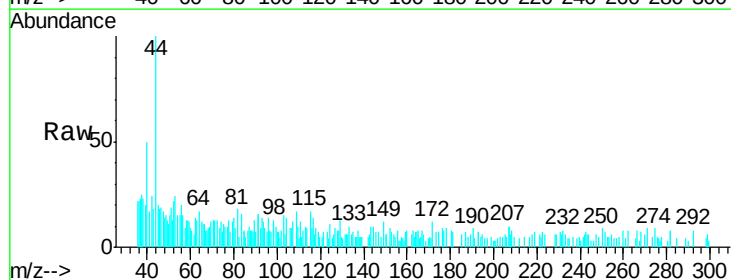
Tgt Ion: 59 Resp: 4278
 Ion Ratio Lower Upper
 59 100
 57 12.1 8.0 12.0#

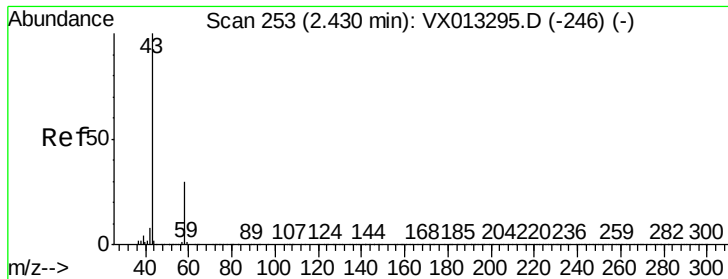


#13

Acrolein
 Concen: 0.658 ug/l
 RT: 2.33 min Scan# 236
 Delta R.T. 0.04 min
 Lab File: VX013497.D
 Acq: 21 Nov 2019 12:53

Tgt Ion: 56 Resp: 745
 Ion Ratio Lower Upper
 56 100
 55 85.1 57.4 86.0

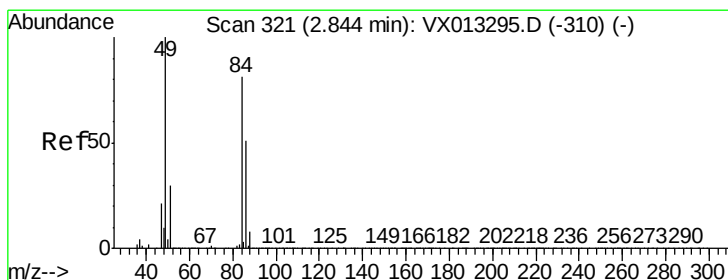
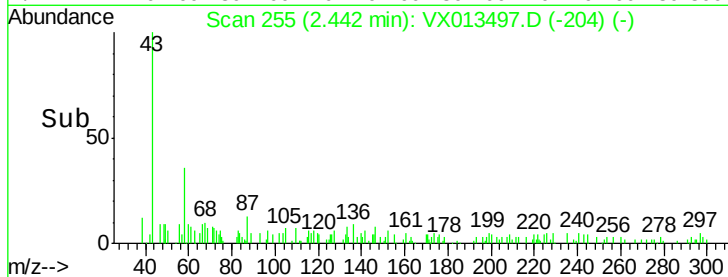
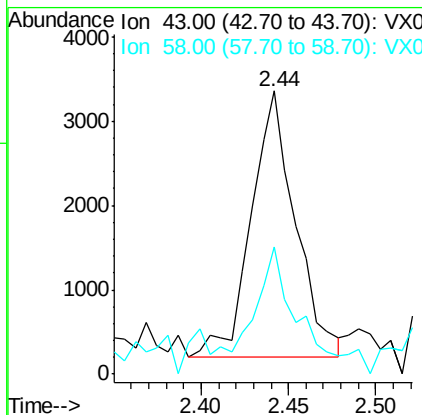
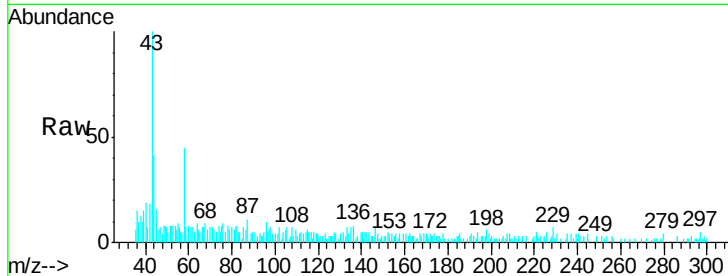




#16
Acetone
Concen: 1.412 ug/l
RT: 2.44 min Scan# 255
Delta R.T. 0.01 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

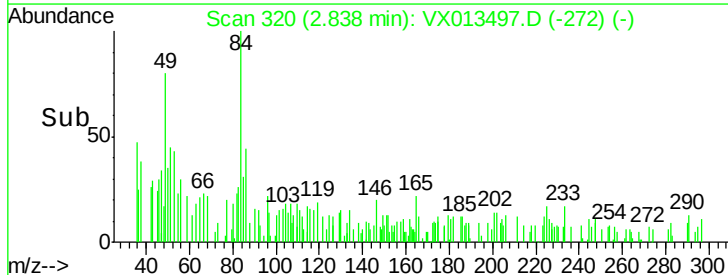
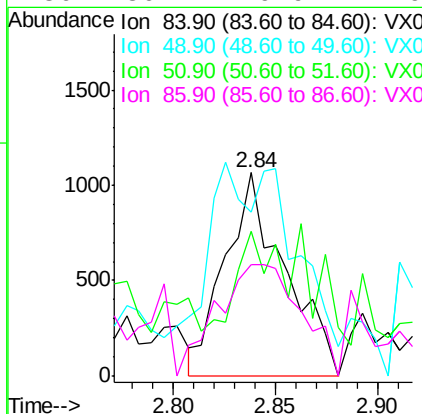
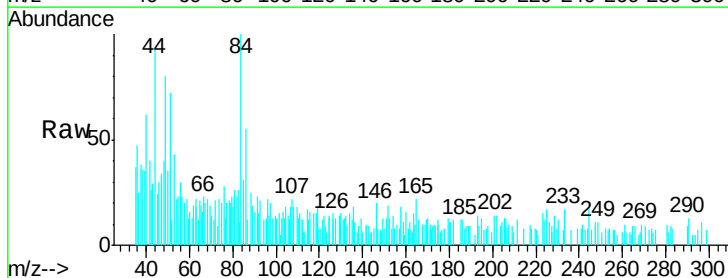
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

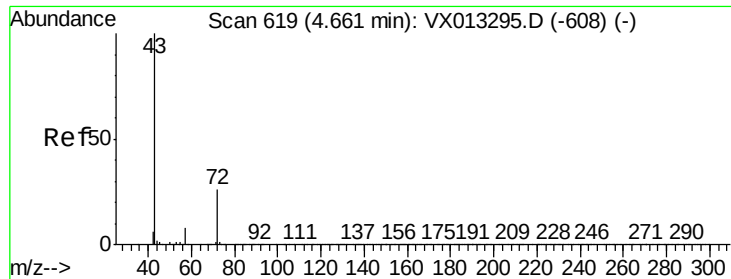
Tgt Ion: 43 Resp: 5583
Ion Ratio Lower Upper
43 100
58 40.9 24.3 36.5#



#20
Methylene Chloride
Concen: 0.296 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

Tgt Ion: 84 Resp: 2165
Ion Ratio Lower Upper
84 100
49 50.0 98.2 147.4#
51 36.4 29.9 44.9
86 30.1 49.9 74.9#





#25

2-Butanone

Concen: 0.588 ug/l

RT: 4.69 min Scan# 623

Delta R.T. 0.02 min

Lab File: VX013497.D

Acq: 21 Nov 2019 12:53

Instrument :

MSVOA_X

ClientSampled :

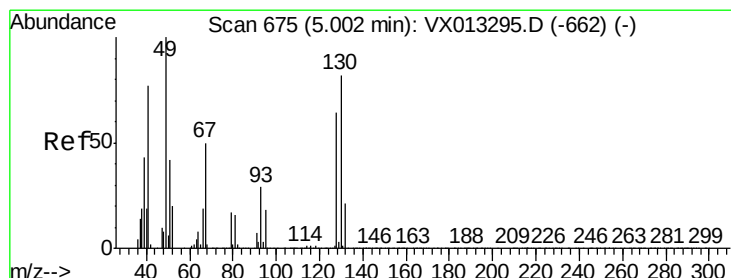
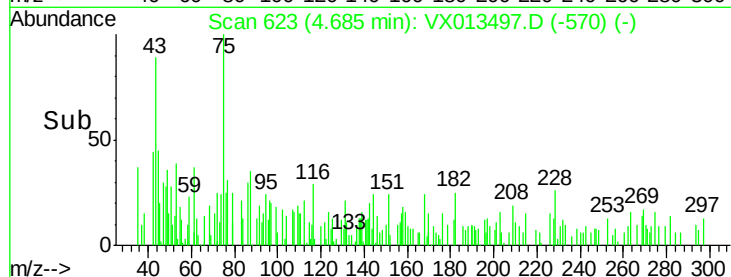
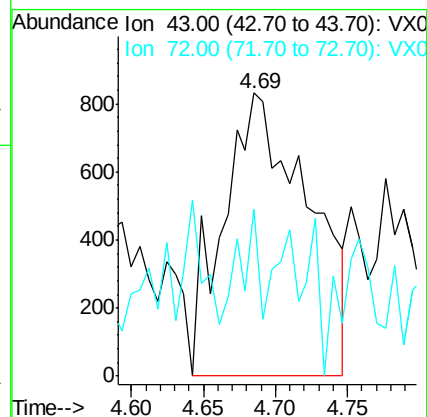
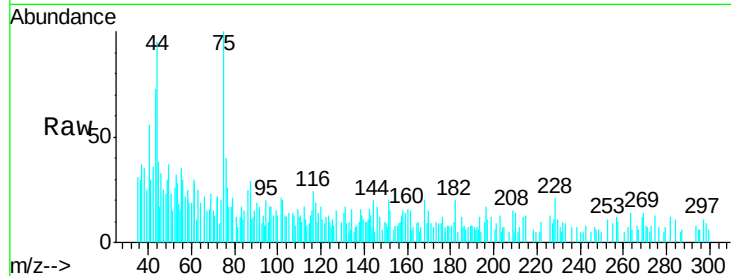
MW-4DL

Tgt Ion: 43 Resp: 3411

Ion Ratio Lower Upper

43 100

72 40.1 21.0 31.6#



#28

Bromochloromethane

Concen: 0.234 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX013497.D

Acq: 21 Nov 2019 12:53

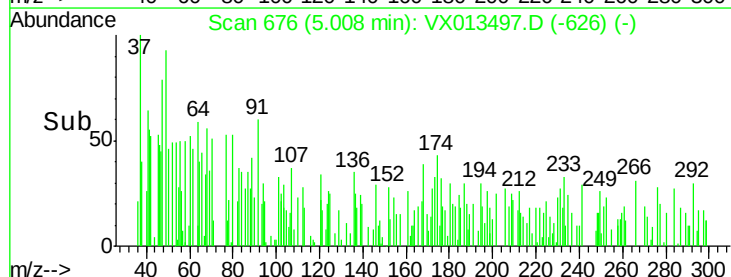
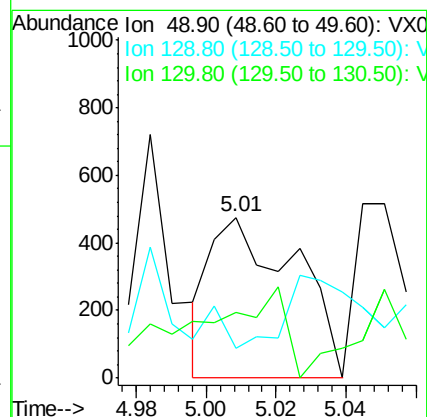
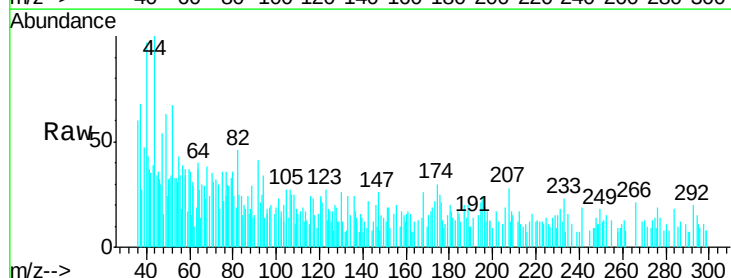
Tgt Ion: 49 Resp: 800

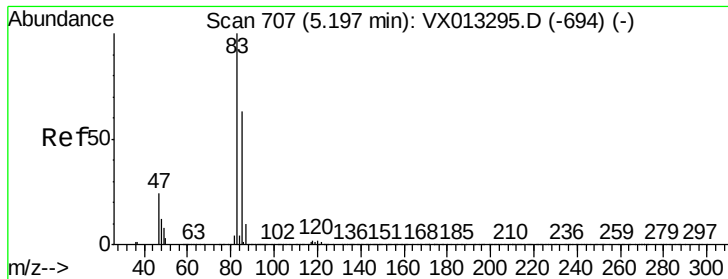
Ion Ratio Lower Upper

49 100

129 37.6 0.0 5.2#

130 24.6 63.8 95.6#

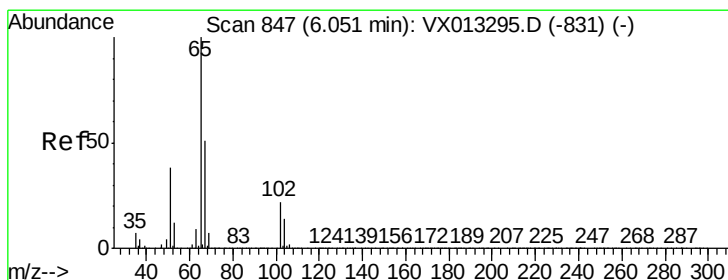
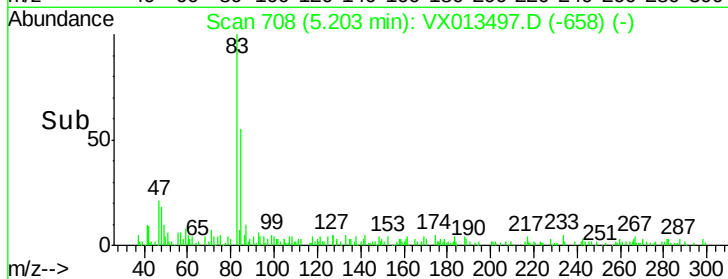
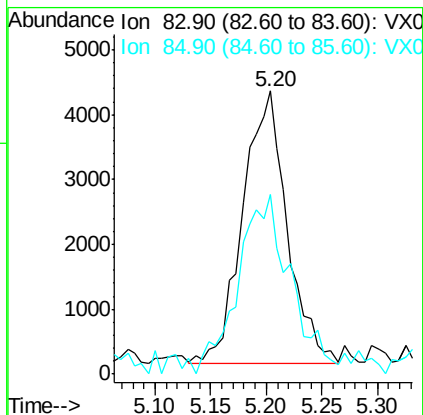
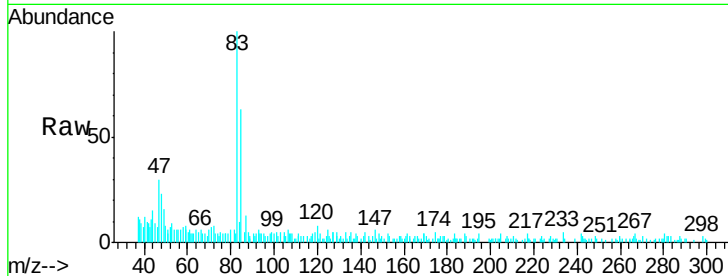




#30
Chloroform
Concen: 0.983 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

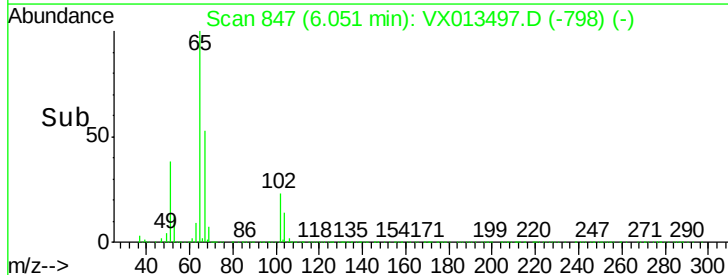
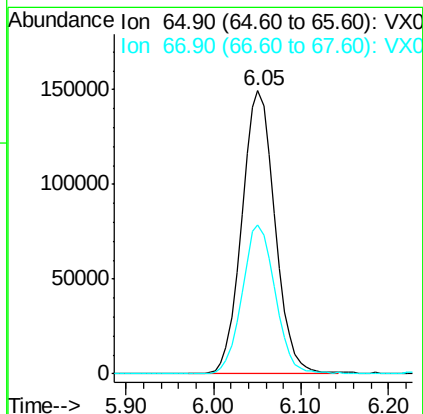
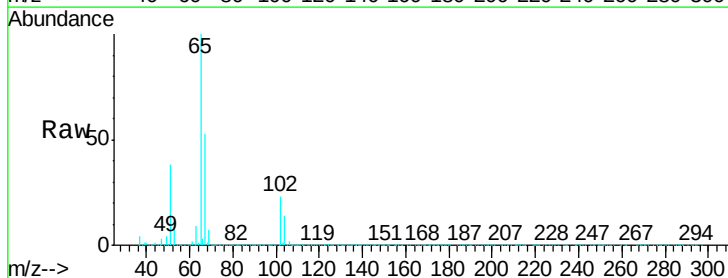
Instrument :
MSVOA_X
ClientSampled :
MW-4DL

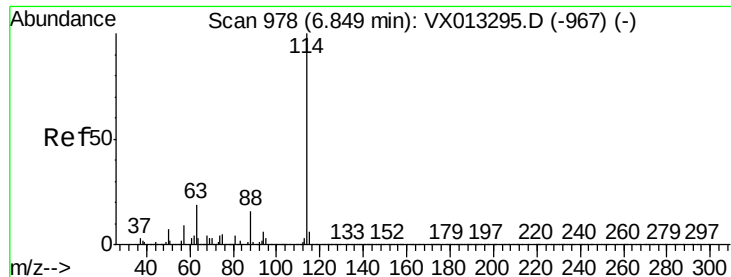
Tgt Ion: 83 Resp: 11688
Ion Ratio Lower Upper
83 100
85 62.9 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: 49.425 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

Tgt Ion: 65 Resp: 391869
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.2

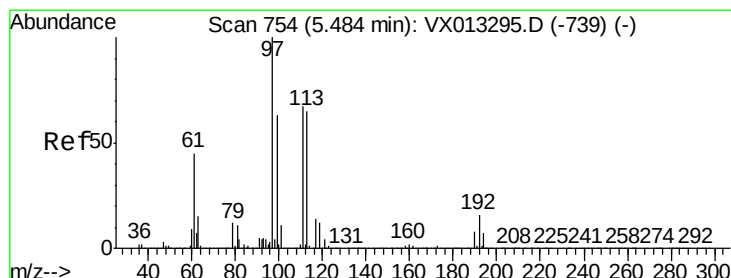
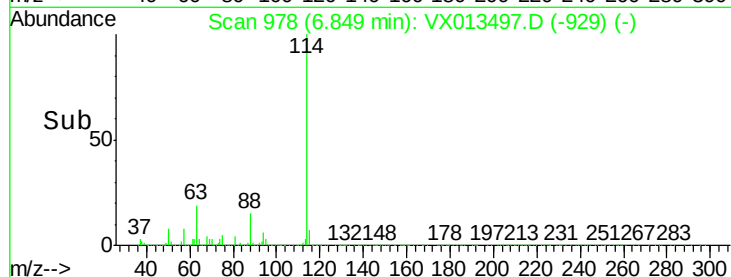
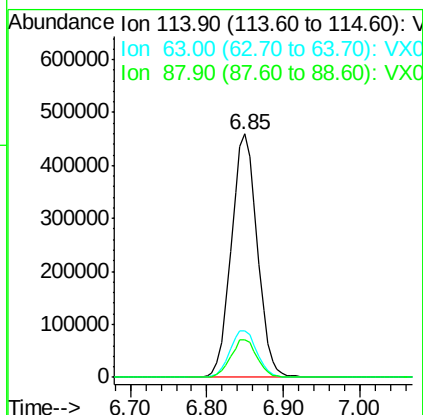
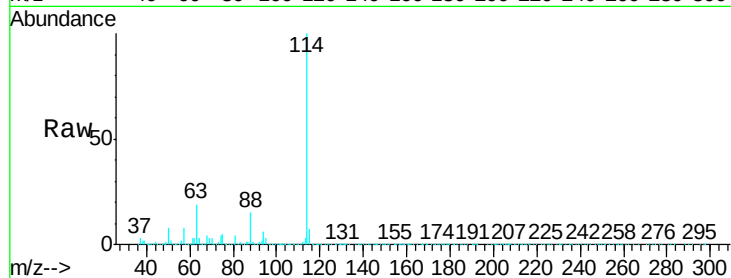




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

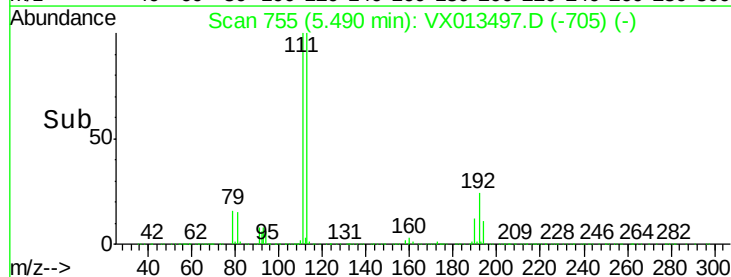
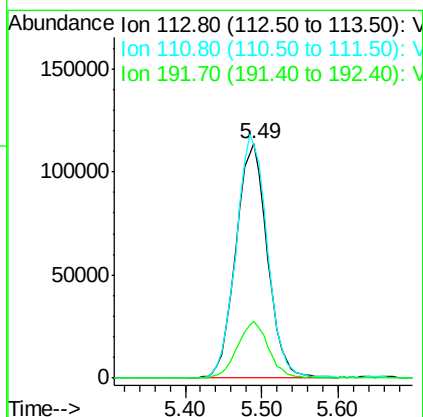
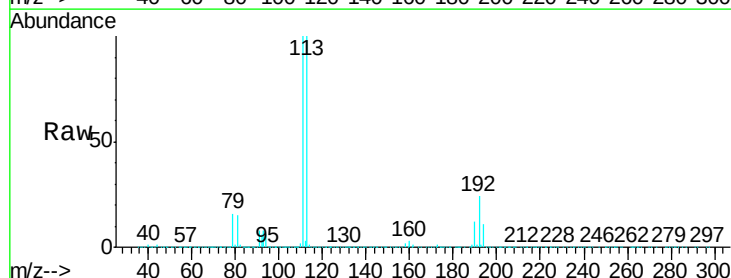
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

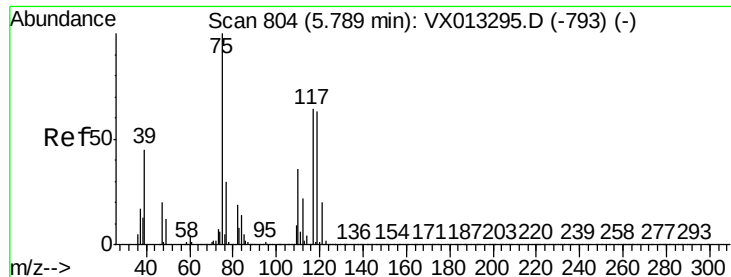
Tgt Ion:114 Resp: 1077822
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.4
88 15.3 0.0 32.2



#35
Dibromofluoromethane
Concen: 47.944 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

Tgt Ion:113 Resp: 324111
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 24.0 19.1 28.7

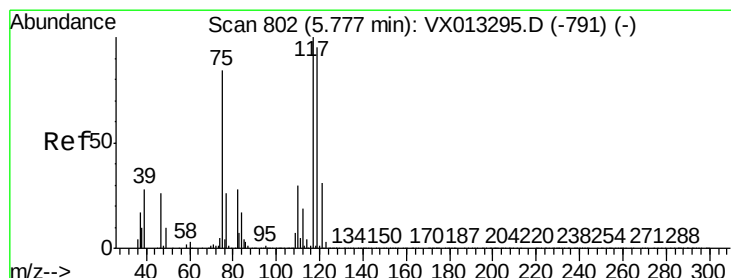
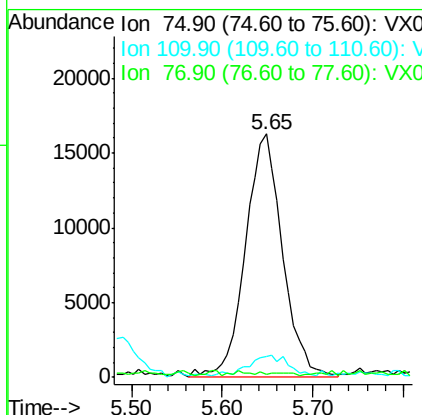
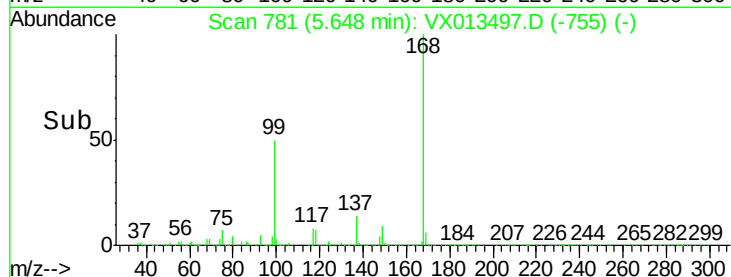
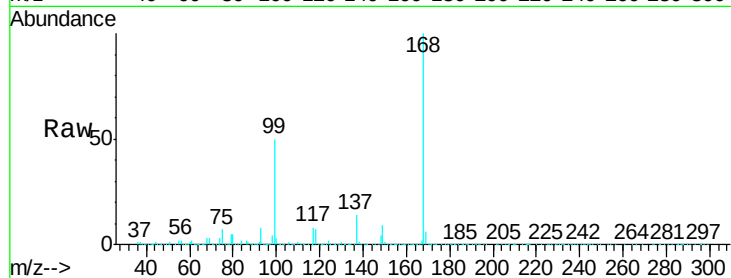




#36
 1,1-Dichloropropene
 Concen: 4.987 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013497.D
 Acq: 21 Nov 2019 12:53

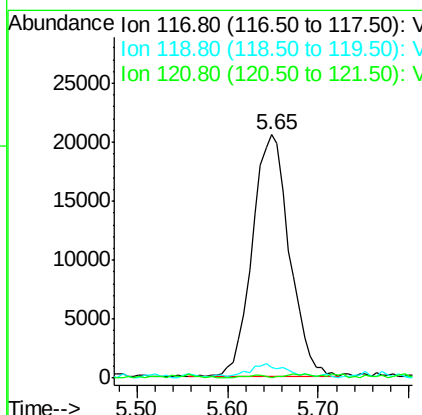
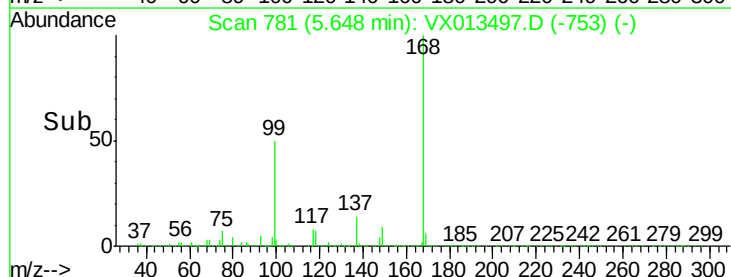
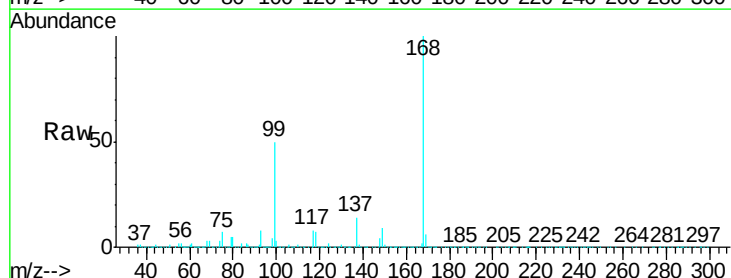
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

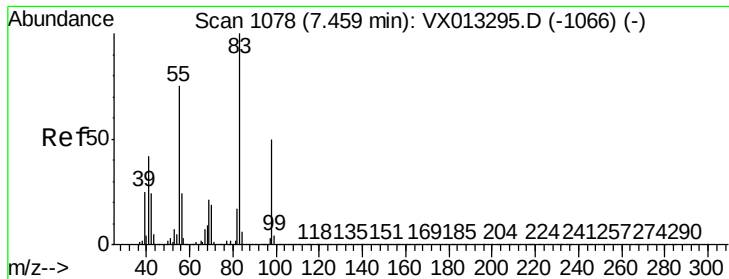
Tgt Ion: 75 Resp: 46112
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.1 54.1#
 77 0.8 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.437 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX013497.D
 Acq: 21 Nov 2019 12:53

Tgt Ion: 117 Resp: 58206
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.1 114.1#
 121 0.0 24.6 37.0#

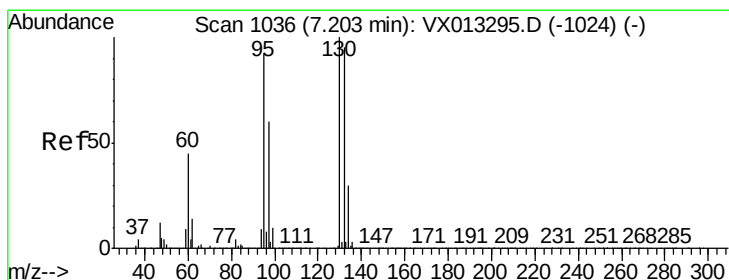
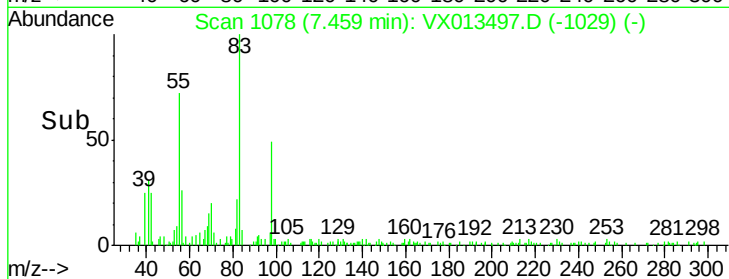
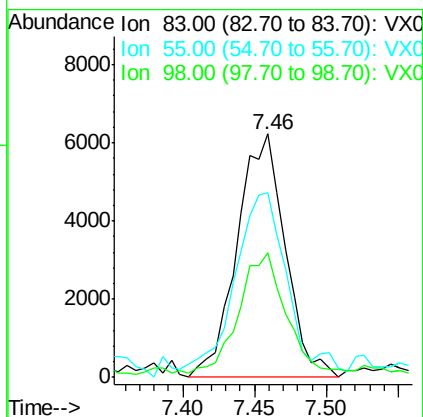
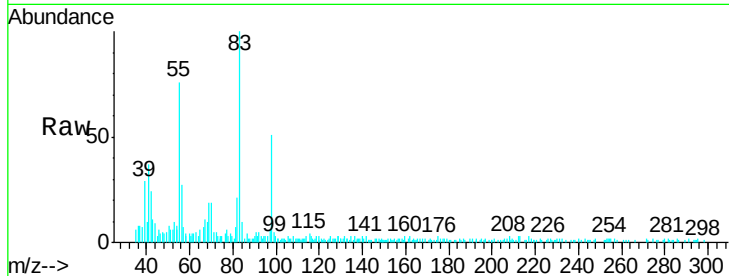




#39
Methylcyclohexane
Concen: 1.253 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

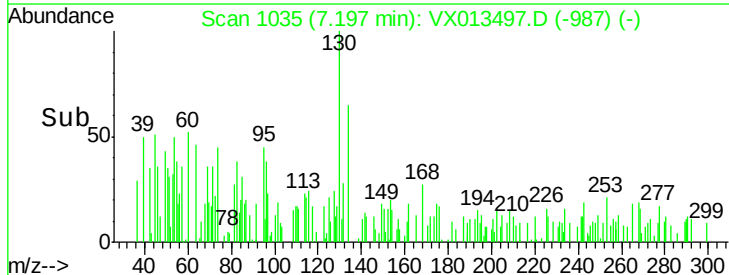
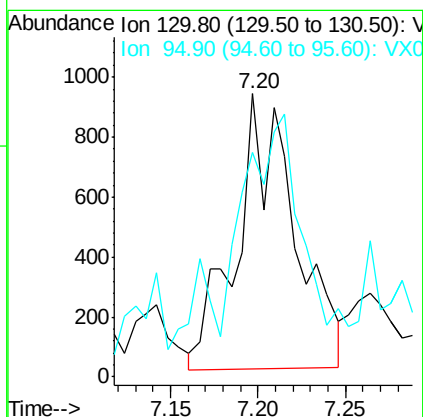
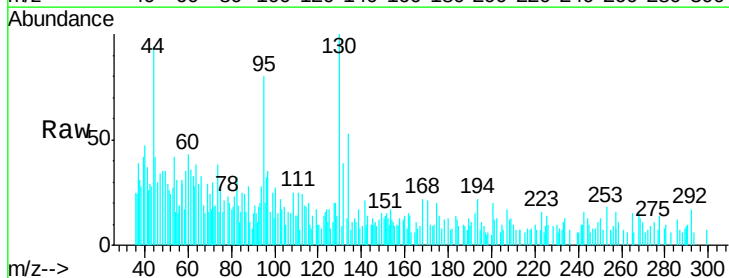
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

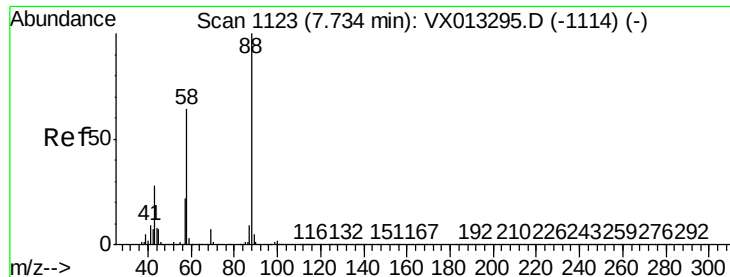
Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.9	60.3	90.5
98	49.1	40.3	60.5



#44
Trichloroethene
Concen: 0.271 ug/l
RT: 7.20 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	184.8

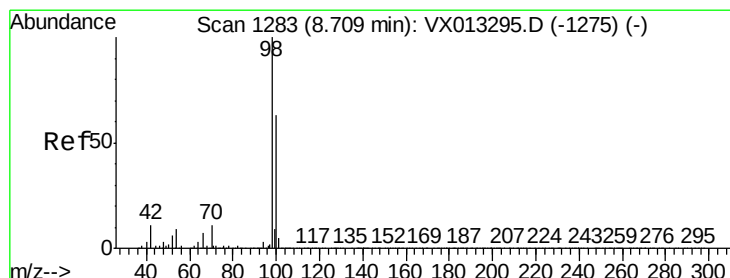
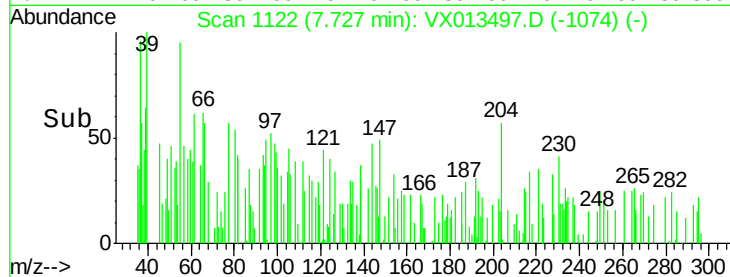
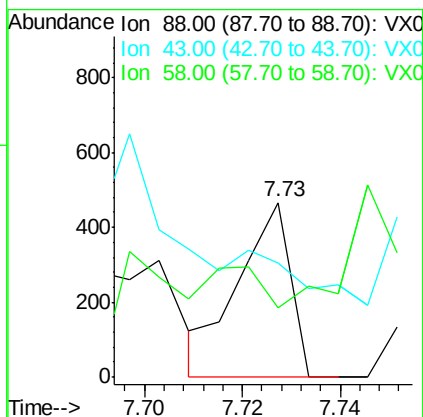
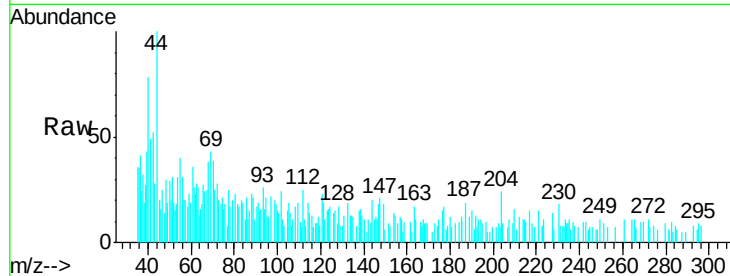




#49
1,4-Dioxane
Concen: 1.662 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

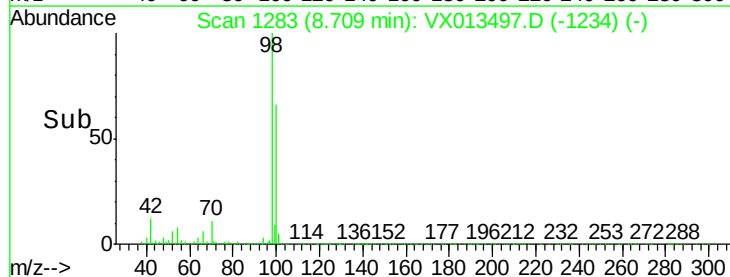
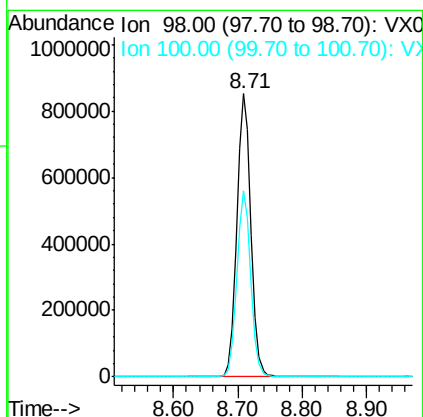
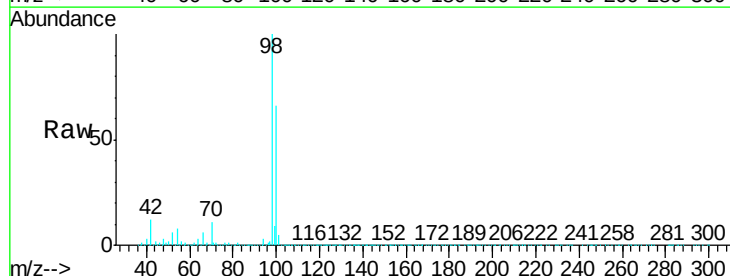
Instrument :
MSVOA_X
ClientSampled :
MW-4DL

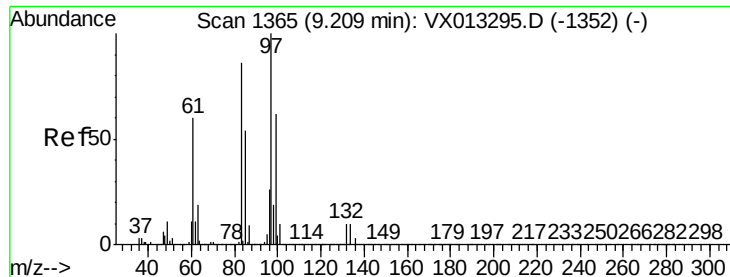
Tgt Ion: 88 Resp: 338
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 0.0 55.0 82.6#



#50
Toluene-d8
Concen: 51.075 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

Tgt Ion: 98 Resp: 1301654
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2

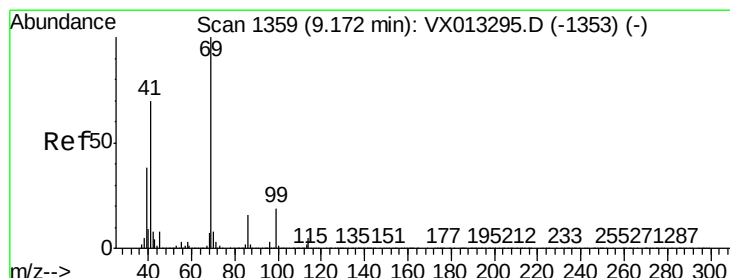
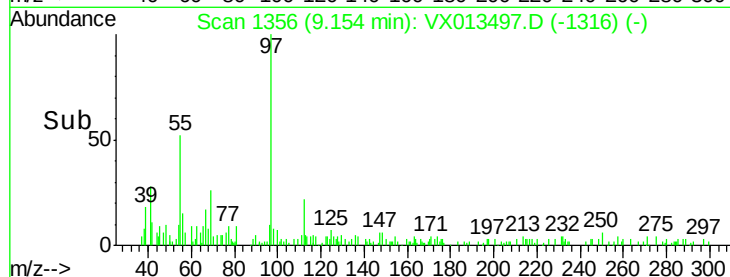
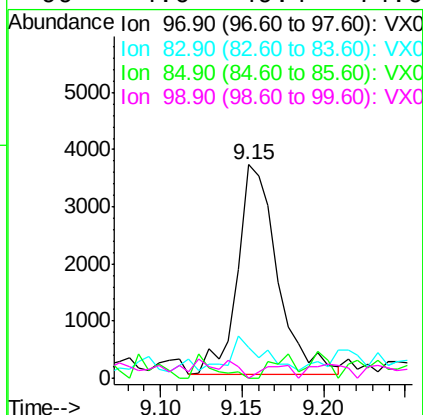
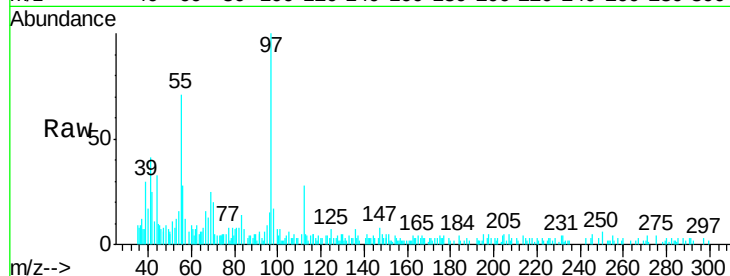




#55
 1,1,2-Trichloroethane
 Concen: 0.844 ug/l
 RT: 9.15 min Scan# 1356
 Delta R.T. -0.05 min
 Lab File: VX013497.D
 Acq: 21 Nov 2019 12:53

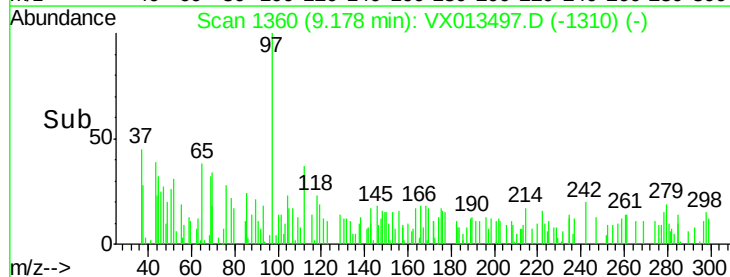
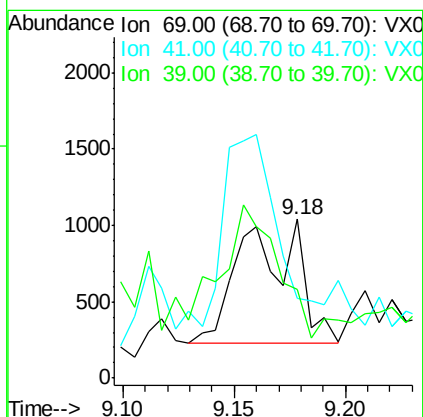
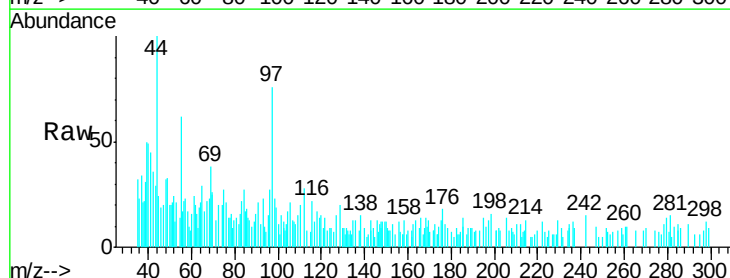
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

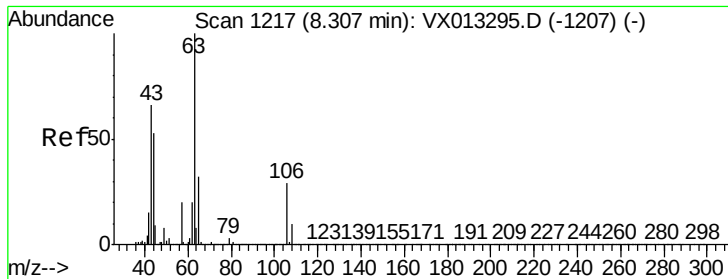
Tgt Ion: 97 Resp: 6242
 Ion Ratio Lower Upper
 97 100
 83 5.2 68.6 103.0#
 85 0.0 43.1 64.7#
 99 4.0 49.4 74.0#



#56
 Ethyl methacrylate
 Concen: 1.675 ug/l
 RT: 9.18 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: VX013497.D
 Acq: 21 Nov 2019 12:53

Tgt Ion: 69 Resp: 1454
 Ion Ratio Lower Upper
 69 100
 41 0.0 56.2 84.2#
 39 0.0 31.1 46.7#

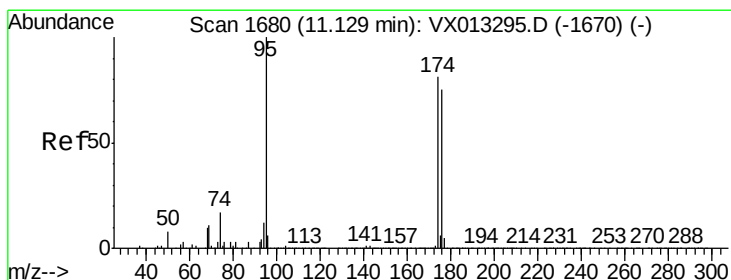
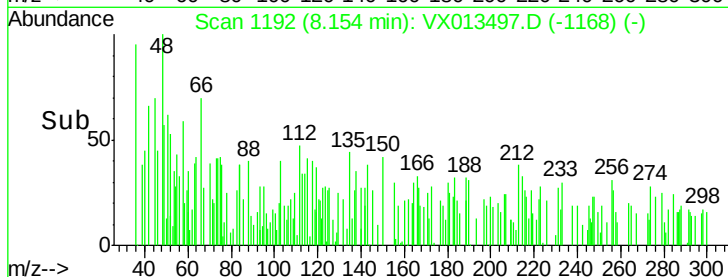
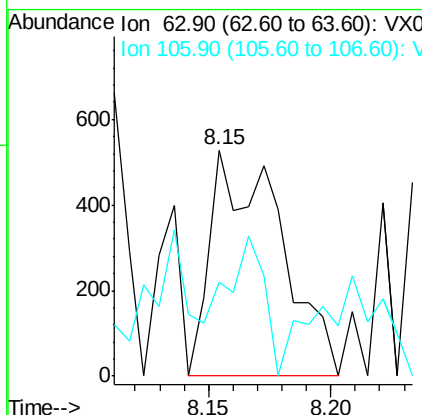
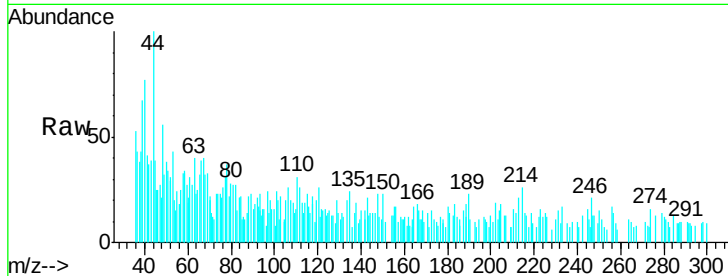




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.207 ug/l
 RT: 8.15 min Scan# 1192
 Delta R.T. -0.15 min
 Lab File: VX013497.D
 Acq: 21 Nov 2019 12:53

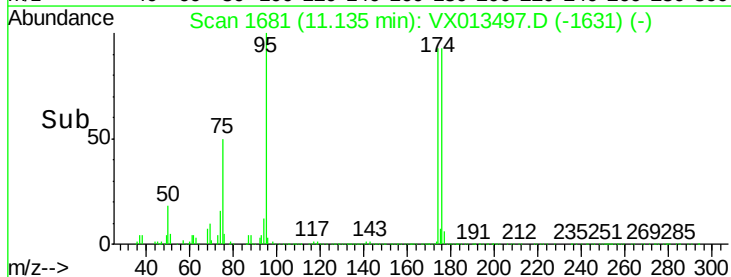
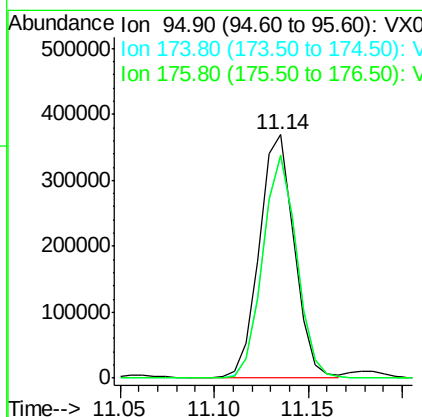
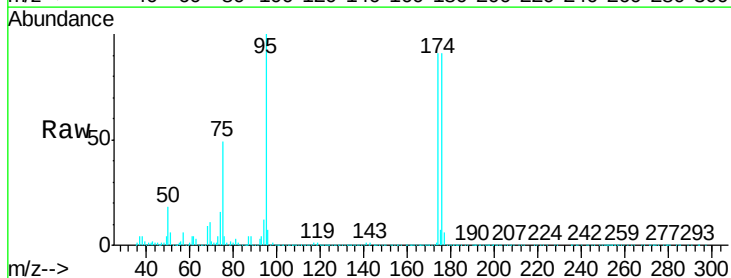
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

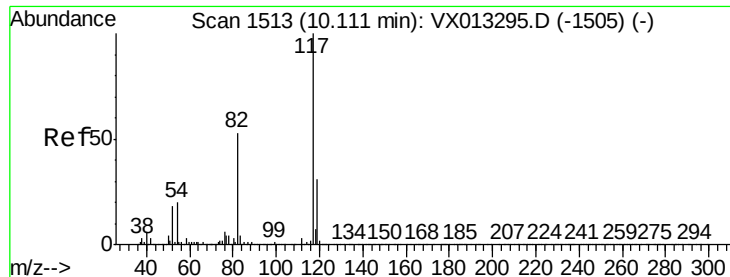
Tgt Ion: 63 Resp: 1046
 Ion Ratio Lower Upper
 63 100
 106 34.1 23.4 35.2



#62
 4-Bromofluorobenzene
 Concen: 51.726 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX013497.D
 Acq: 21 Nov 2019 12:53

Tgt Ion: 95 Resp: 475764
 Ion Ratio Lower Upper
 95 100
 174 89.0 0.0 179.8
 176 88.5 0.0 173.0

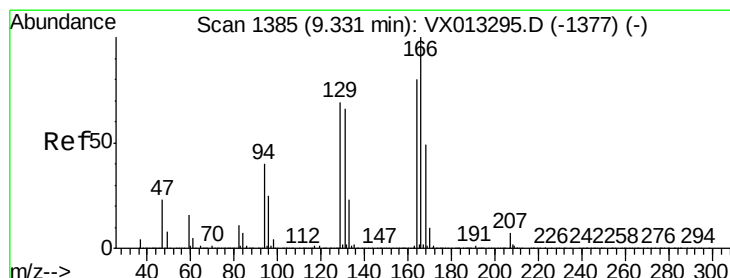
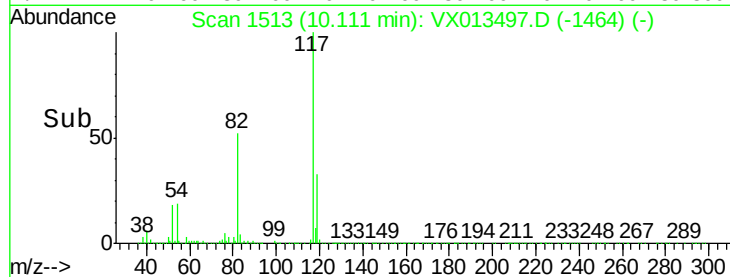
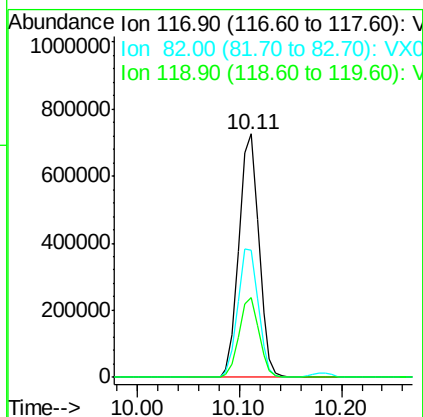
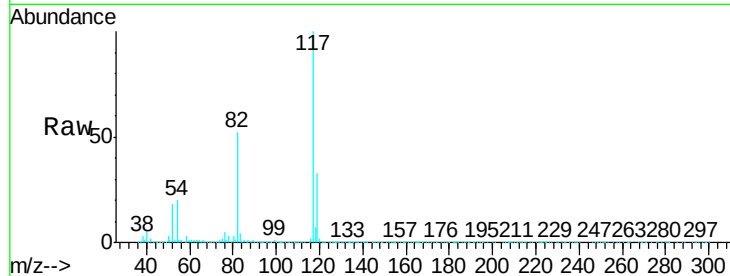




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

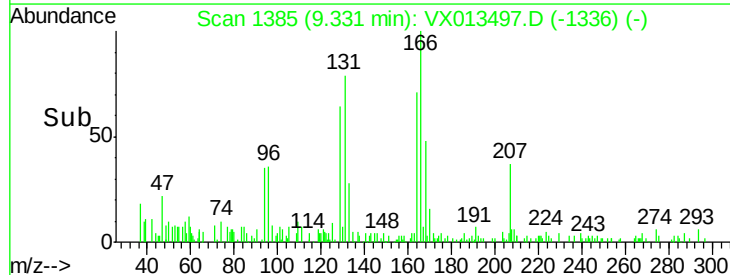
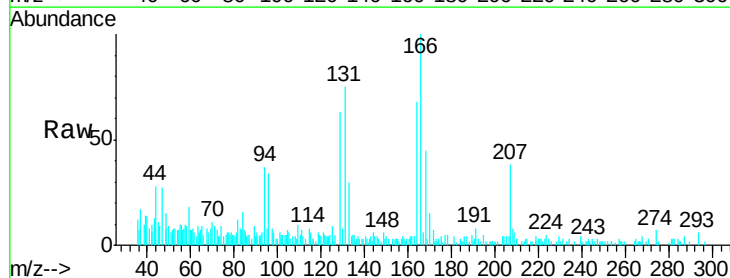
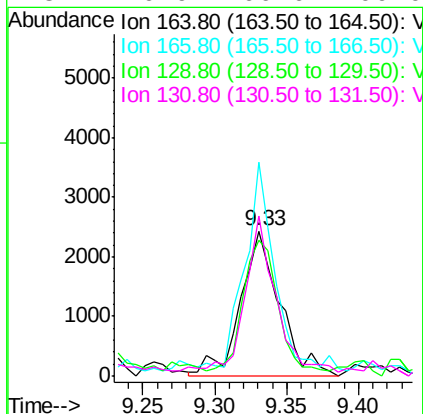
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

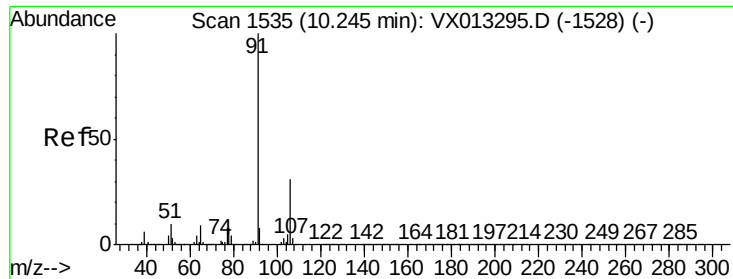
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.6	64.0
119	32.6	24.8	37.2



#64
Tetrachloroethene
Concen: 0.658 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	146.2	100.4	150.6
129	82.0	69.4	104.2
131	110.9	66.6	100.0#





#67

Ethyl Benzene

Concen: 40.296 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013497.D

Acq: 21 Nov 2019 12:53

Instrument :

MSVOA_X

ClientSampled :

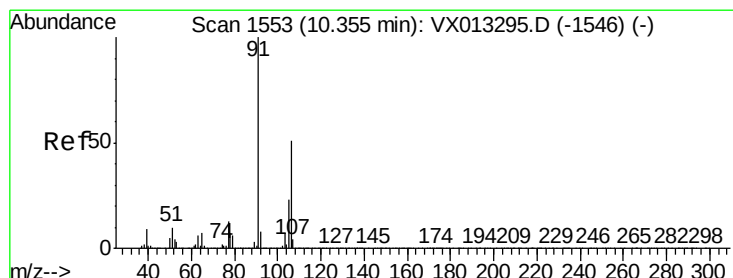
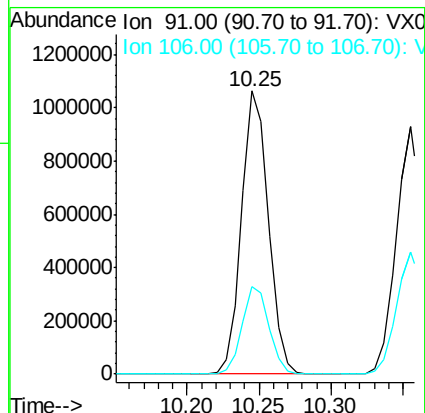
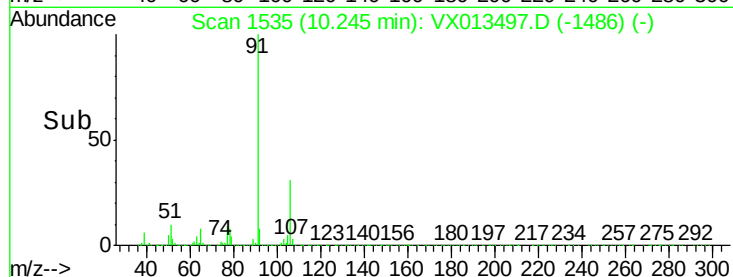
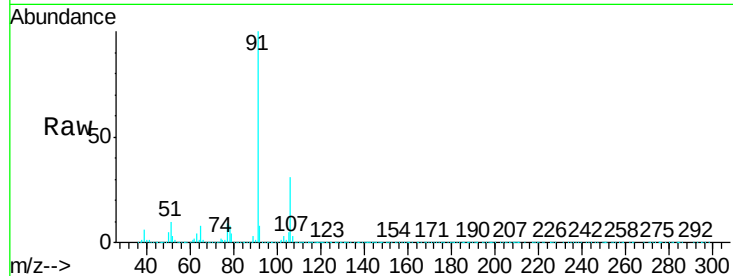
MW-4DL

Tgt Ion: 91 Resp: 1375508

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 47.804 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013497.D

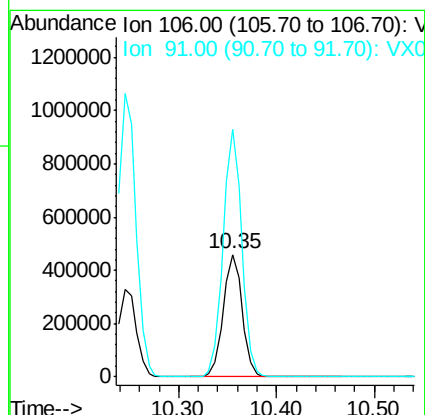
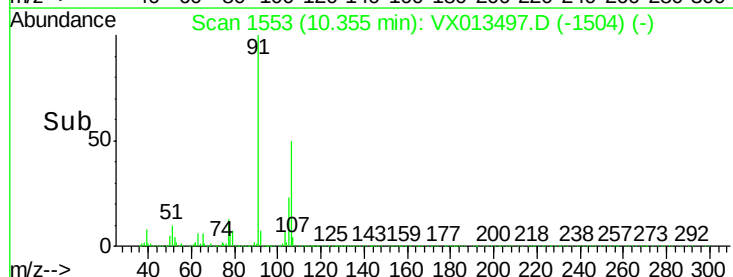
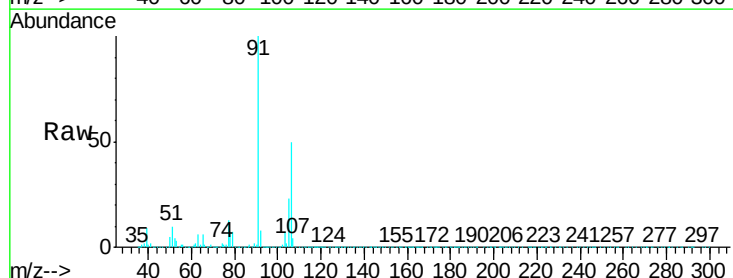
Acq: 21 Nov 2019 12:53

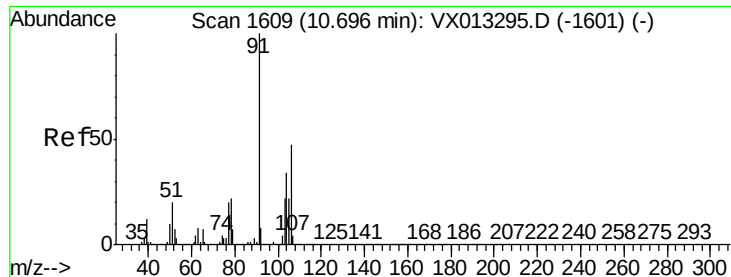
Tgt Ion: 106 Resp: 617130

Ion Ratio Lower Upper

106 100

91 198.8 159.3 238.9

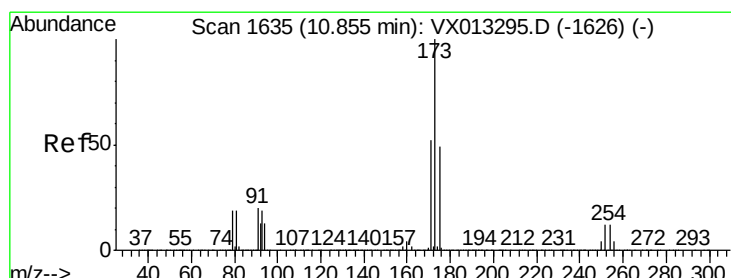
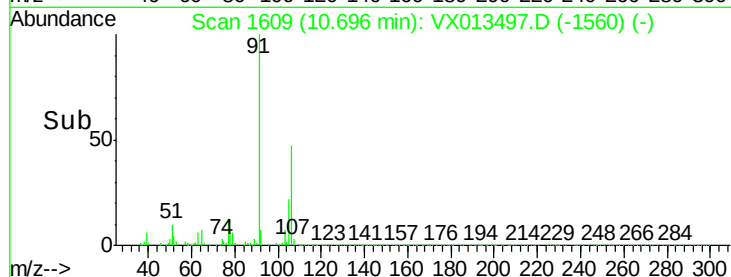
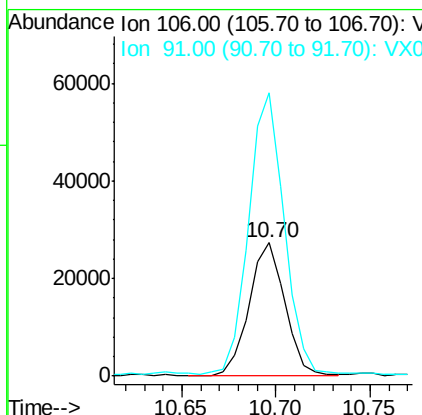
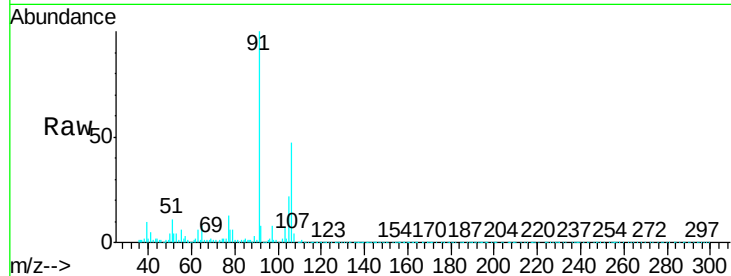




#69
o-Xylene
Concen: 2.841 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

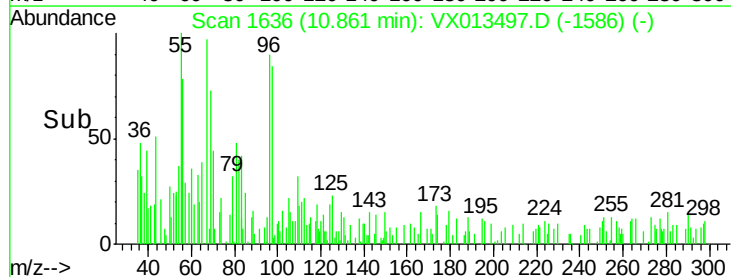
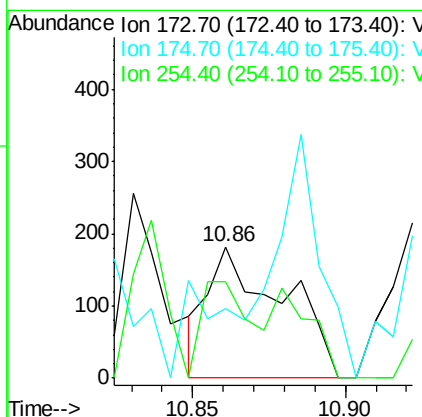
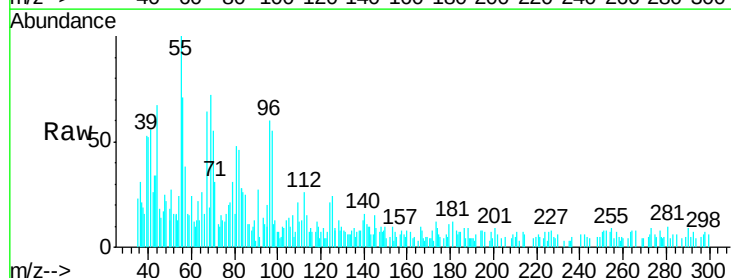
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

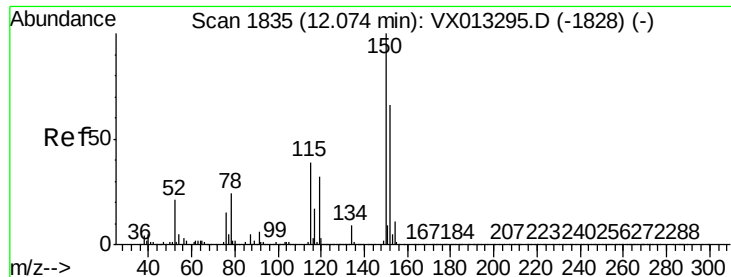
Tgt Ion:106 Resp: 35903
Ion Ratio Lower Upper
106 100
91 208.3 105.7 317.0



#71
Bromoform
Concen: 3.245 ug/l
RT: 10.86 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

Tgt Ion:173 Resp: 308
Ion Ratio Lower Upper
173 100
175 0.0 24.8 74.4#
254 49.7 0.2 0.2#



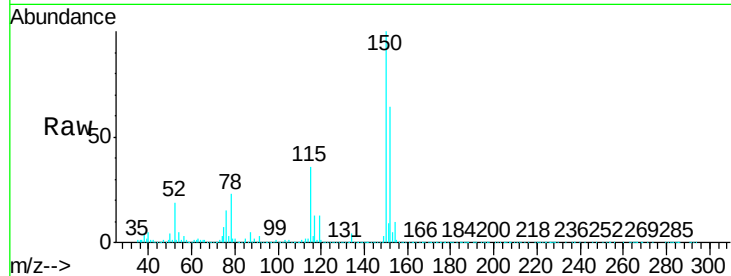


#72

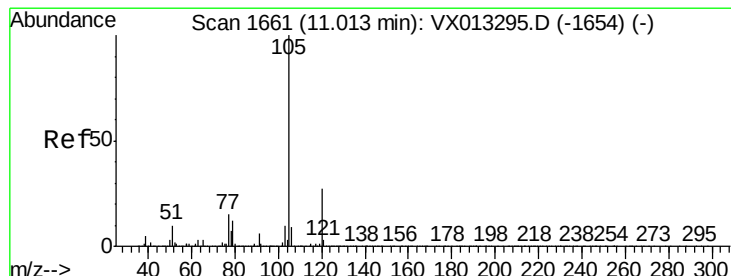
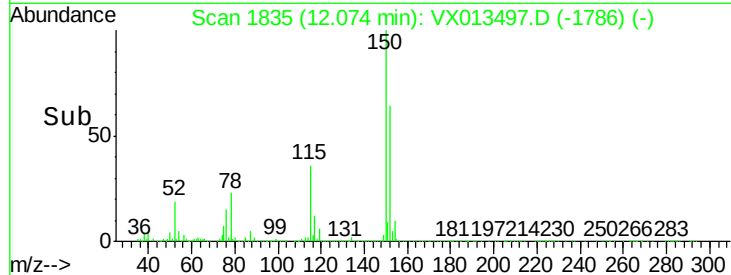
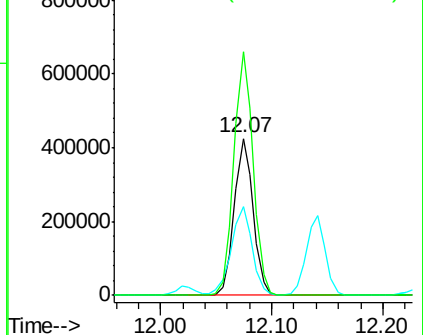
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	39.5	118.3
150	157.2	0.0	344.4



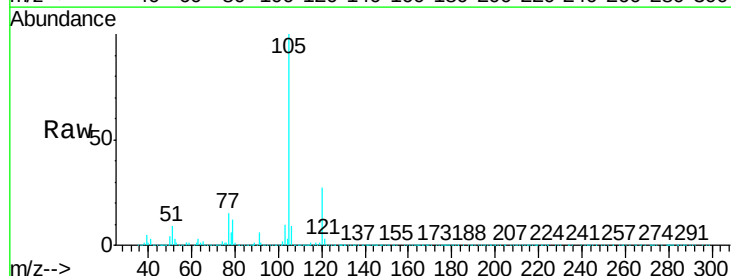
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



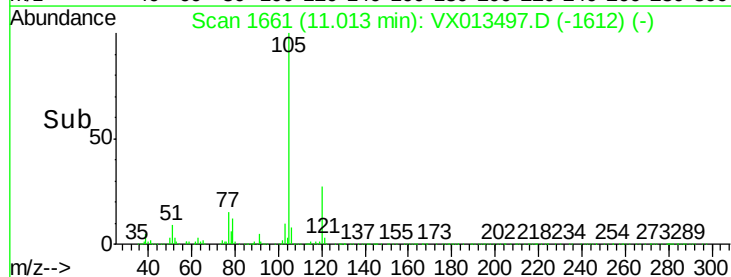
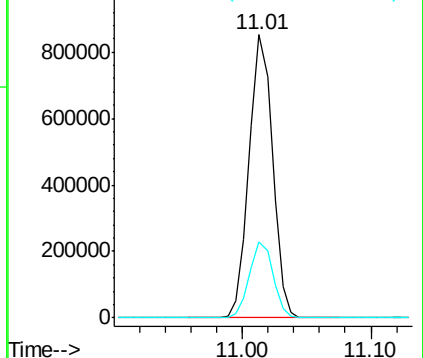
#73

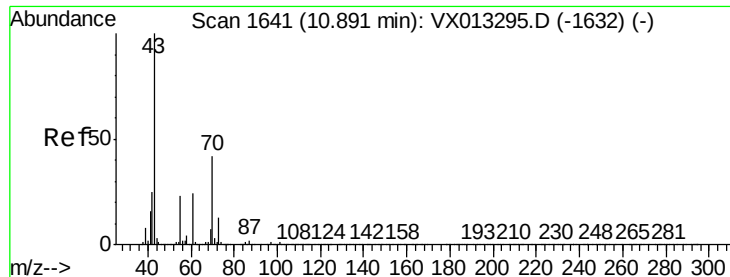
Isopropylbenzene
Concen: 32.370 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.5



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





#74

N-amyI acetate

Concen: 0.708 ug/l

RT: 10.91 min Scan# 1644

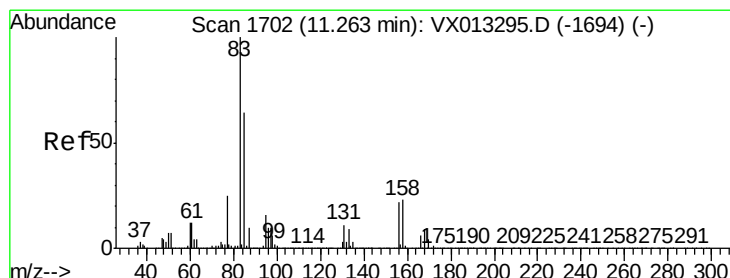
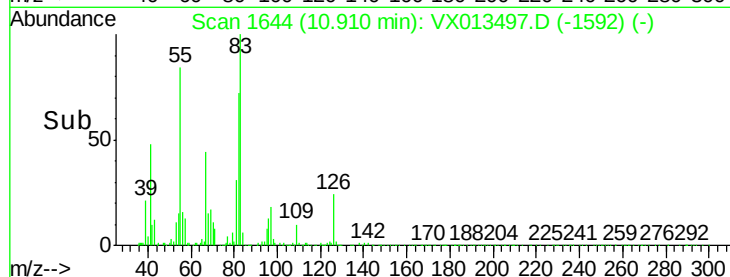
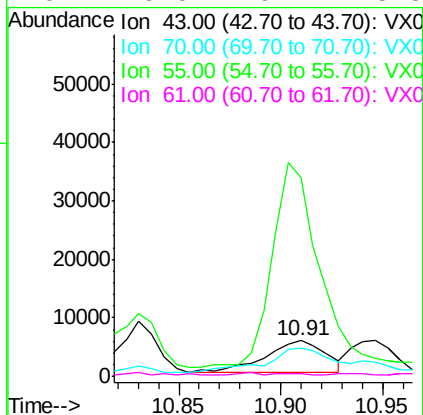
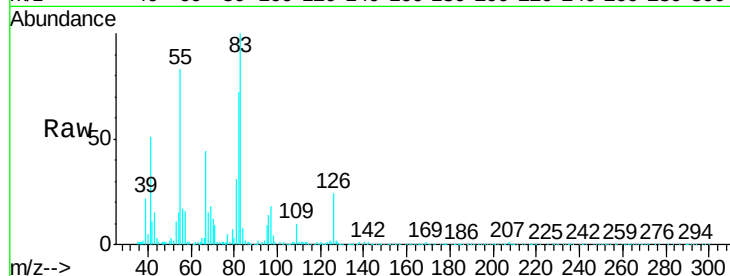
Delta R.T. 0.02 min

Lab File: VX013497.D

Acq: 21 Nov 2019 12:53

Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

Tgt Ion:	43	Resp:	10848
Ion	Ratio	Lower	Upper
43	100		
70	84.5	34.1	51.1#
55	524.2	18.9	28.3#
61	0.0	19.2	28.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.458 ug/l

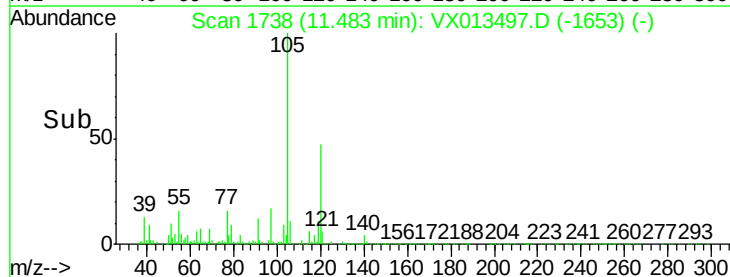
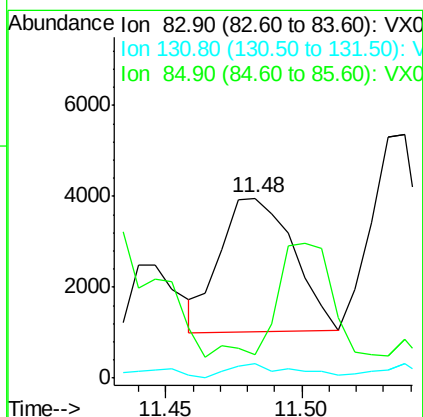
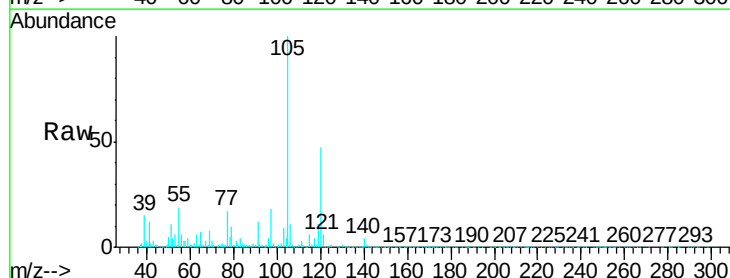
RT: 11.48 min Scan# 1738

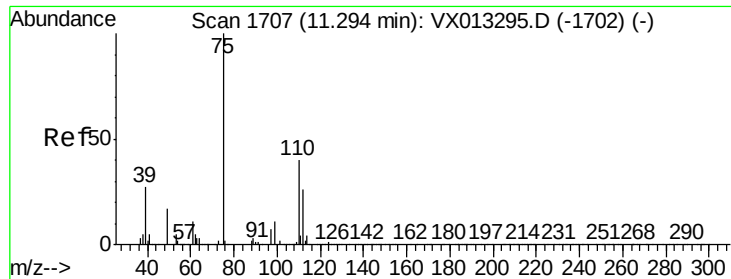
Delta R.T. 0.22 min

Lab File: VX013497.D

Acq: 21 Nov 2019 12:53

Tgt Ion:	83	Resp:	5528
Ion	Ratio	Lower	Upper
83	100		
131	9.4	5.1	15.3
85	59.7	32.3	96.8

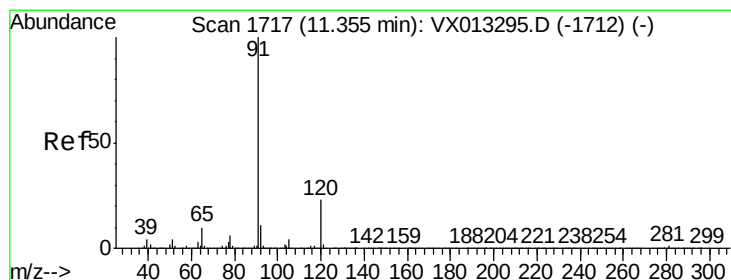
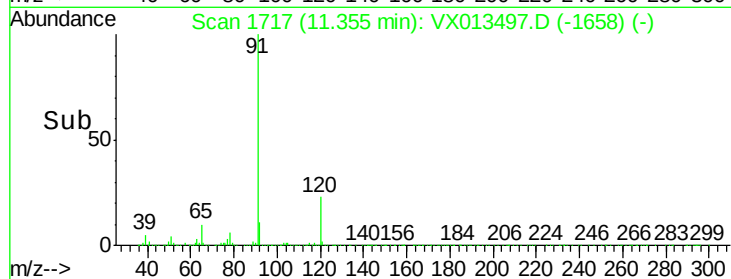
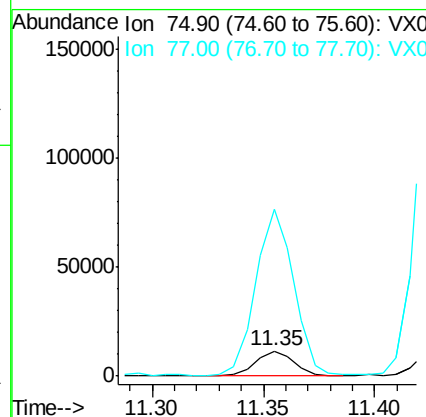
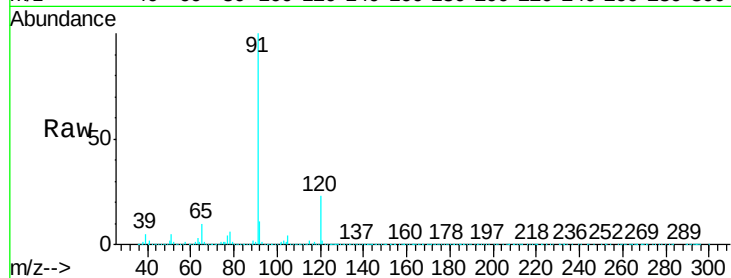




#76
1,2,3-Trichloropropane
Concen: 1.325 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.06 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

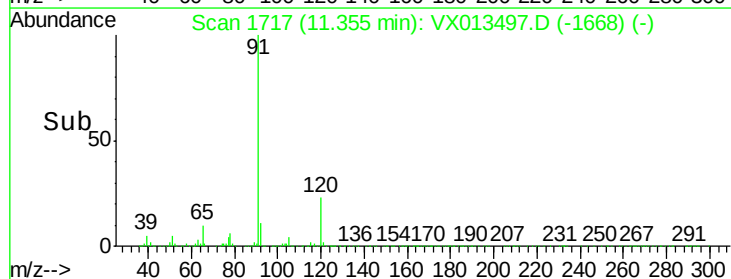
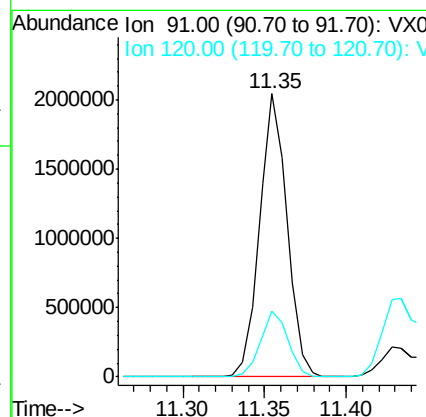
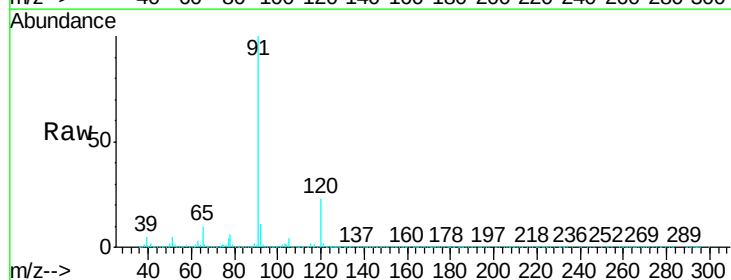
Instrument :
MSVOA_X
ClientSampled :
MW-4DL

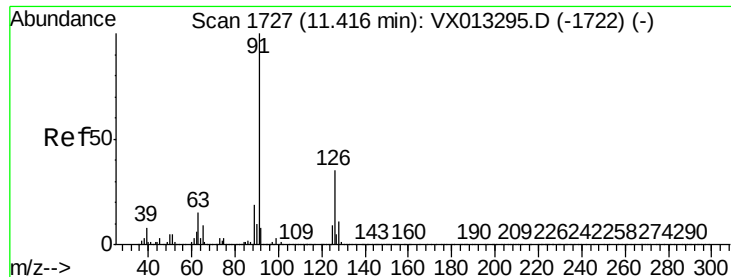
Tgt Ion: 75 Resp: 13416
Ion Ratio Lower Upper
75 100
77 672.3 22.3 66.8#



#78
n-propylbenzene
Concen: 64.803 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013497.D
Acq: 21 Nov 2019 12:53

Tgt Ion: 91 Resp: 2386214
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8





#79

2-Chlorotoluene

Concen: 18.560 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX013497.D

Acq: 21 Nov 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

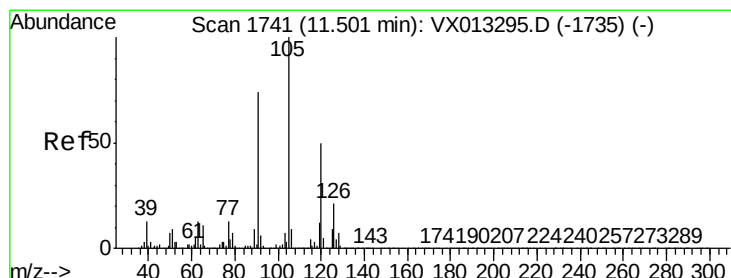
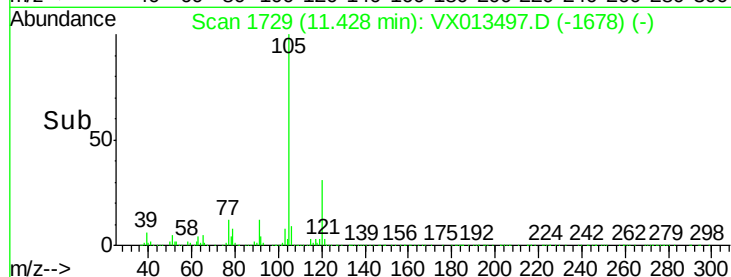
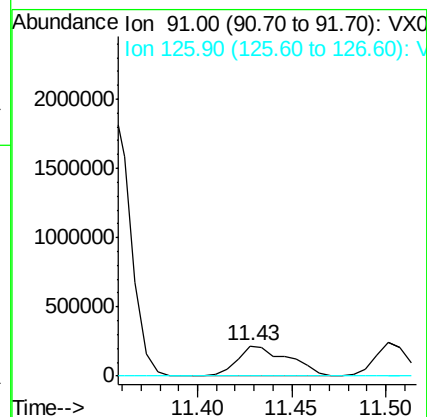
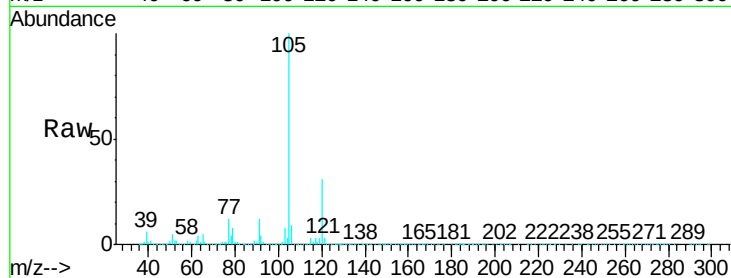
MW-4DL

Tgt Ion: 91 Resp: 411763

Ion Ratio Lower Upper

91 100

126 0.2 17.3 52.0#



#80

1,3,5-Trimethylbenzene

Concen: 103.961 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013497.D

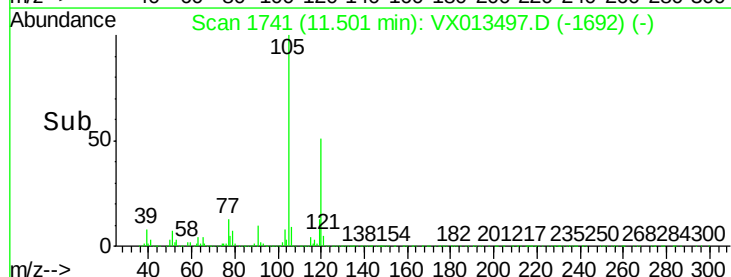
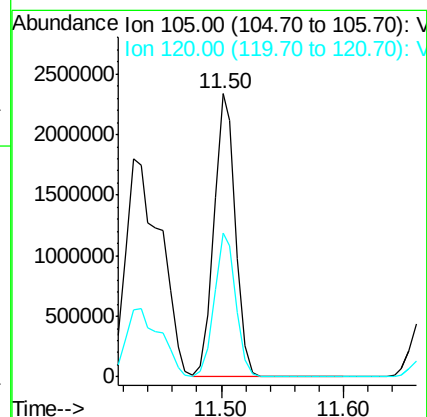
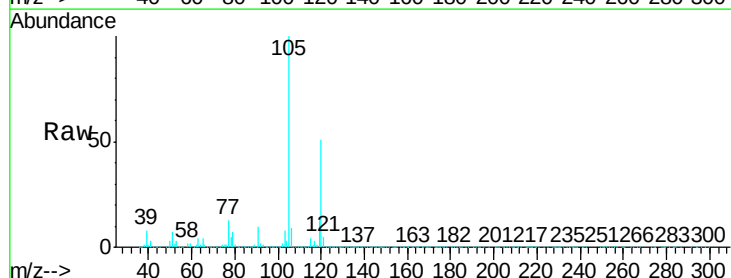
Acq: 21 Nov 2019 12:53

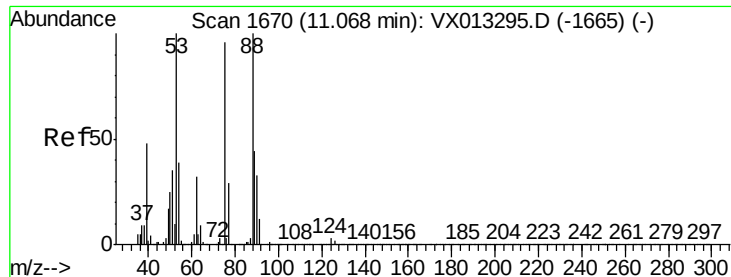
Tgt Ion: 105 Resp: 2862479

Ion Ratio Lower Upper

105 100

120 50.7 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 3.106 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.05 min

Lab File: VX013497.D

Acq: 21 Nov 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

MW-4DL

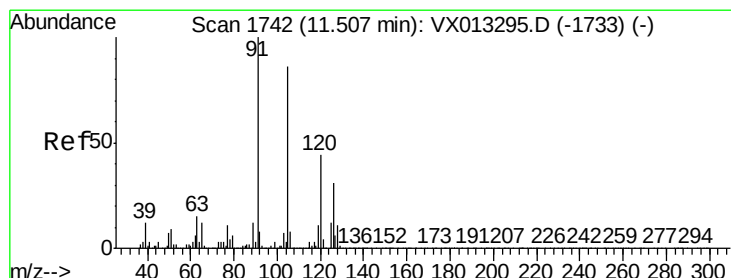
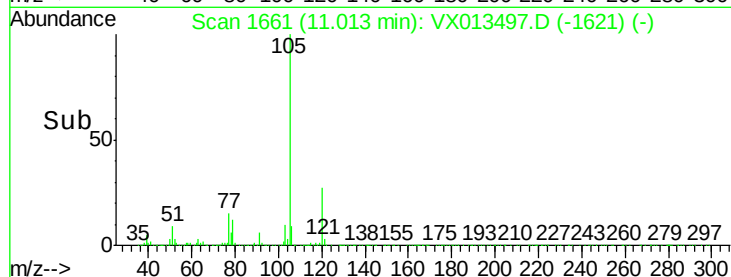
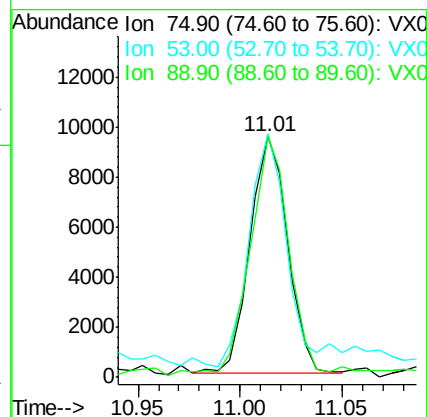
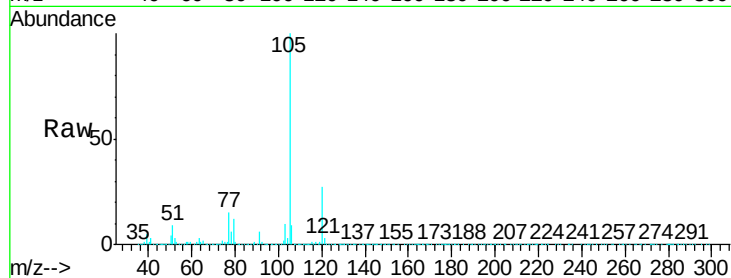
Tgt Ion: 75 Resp: 12219

Ion Ratio Lower Upper

75 100

53 93.5 81.0 121.6

89 103.9 36.0 54.0#



#82

4-Chlorotoluene

Concen: 11.277 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX013497.D

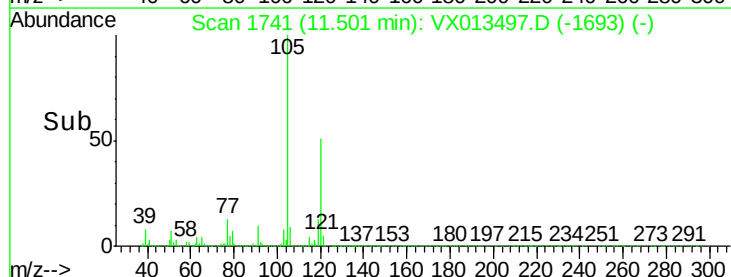
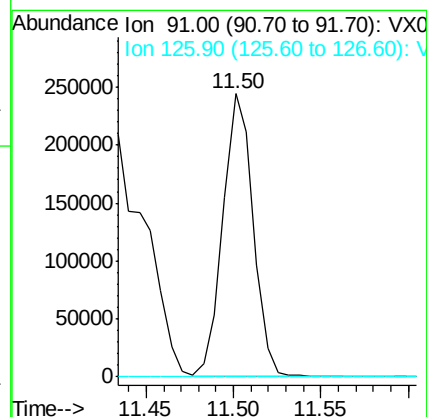
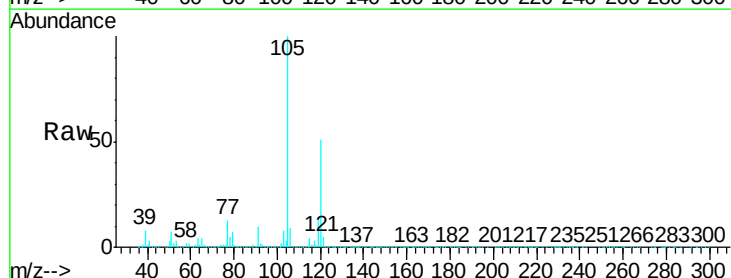
Acq: 21 Nov 2019 12:53

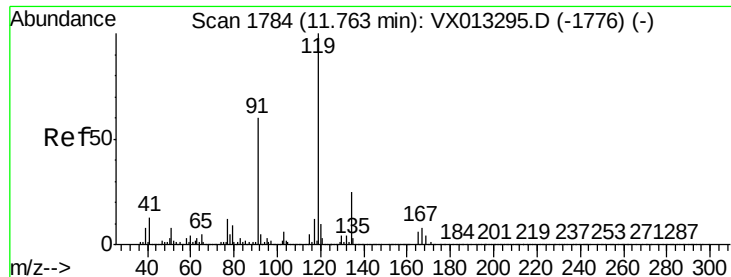
Tgt Ion: 91 Resp: 292866

Ion Ratio Lower Upper

91 100

126 0.1 15.3 45.8#

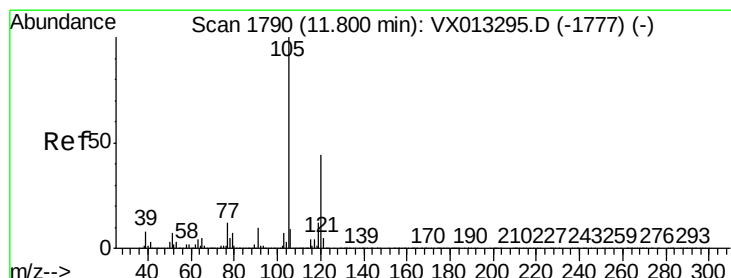
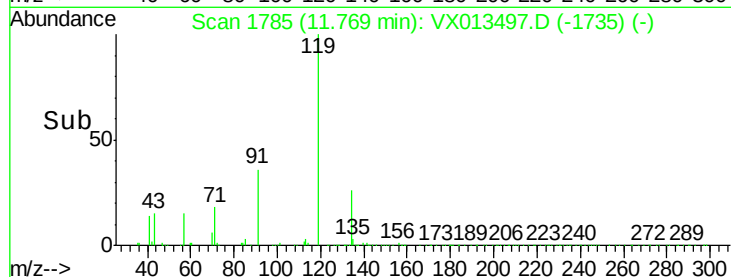
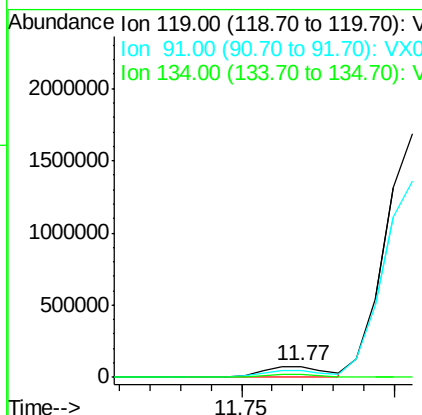
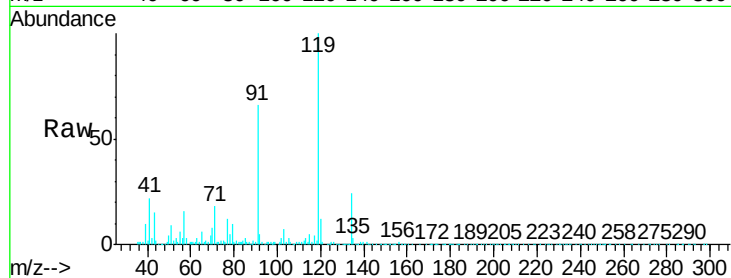




#83
 tert-Butylbenzene
 Concen: 3.883 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX013497.D
 Acq: 21 Nov 2019 12:53

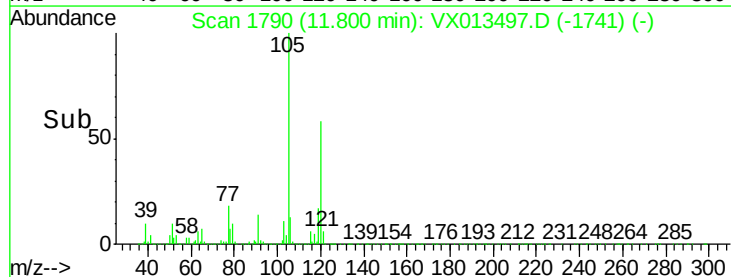
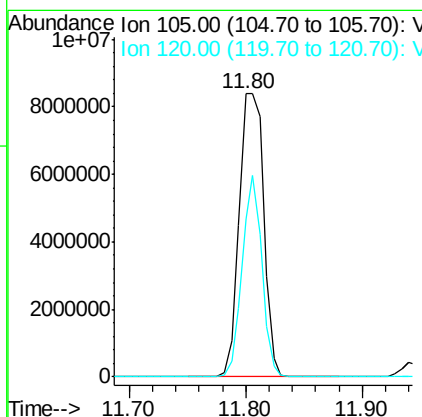
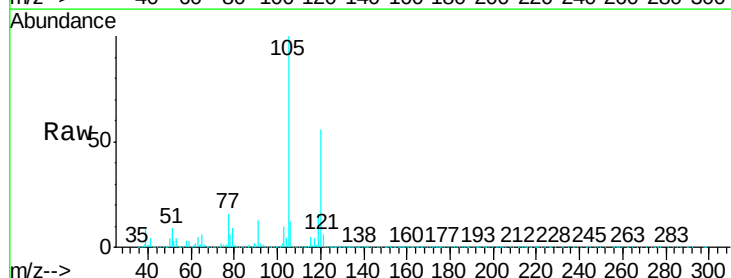
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

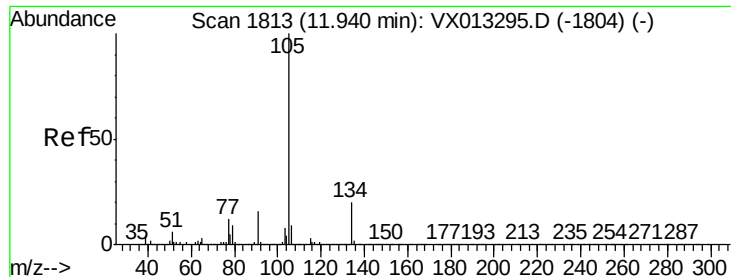
Tgt Ion:119 Resp: 107639
 Ion Ratio Lower Upper
 119 100
 91 67.2 26.9 80.7
 134 24.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 448.082 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013497.D
 Acq: 21 Nov 2019 12:53

Tgt Ion:105 Resp:12376379
 Ion Ratio Lower Upper
 105 100
 120 57.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 16.206 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013497.D

Acq: 21 Nov 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

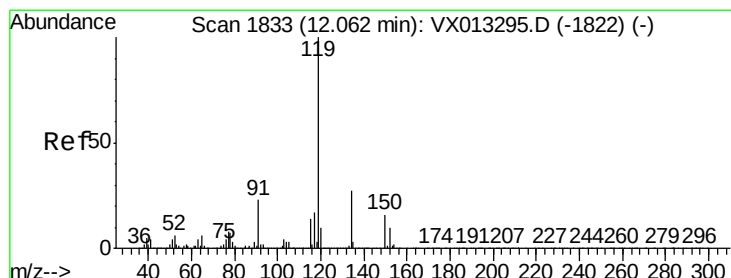
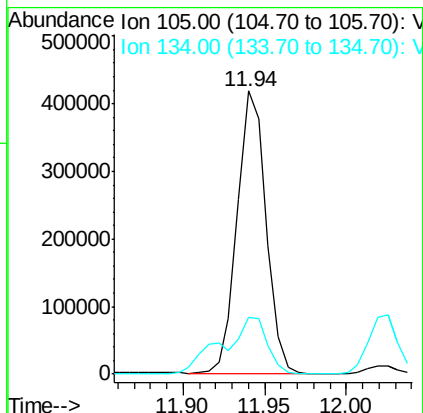
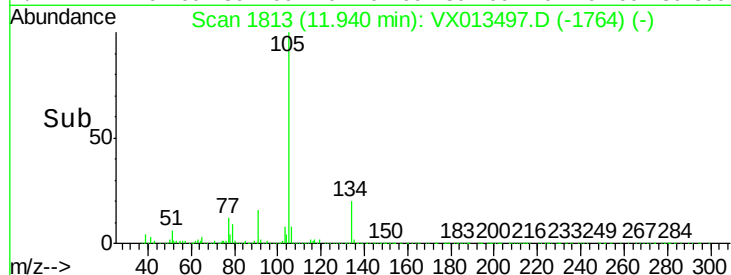
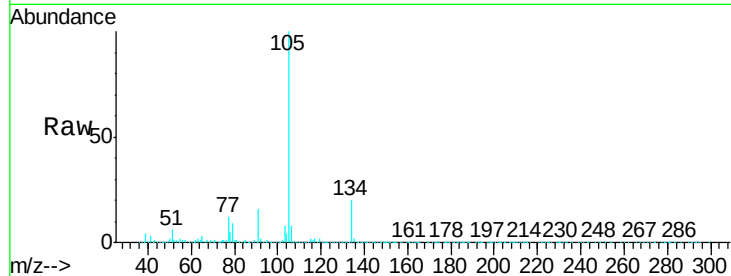
MW-4DL

Tgt Ion:105 Resp: 516246

Ion Ratio Lower Upper

105 100

134 31.6 10.3 30.9#



#86

p-Isopropyltoluene

Concen: 16.082 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013497.D

Acq: 21 Nov 2019 12:53

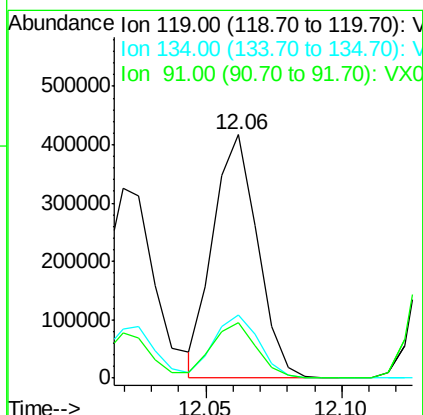
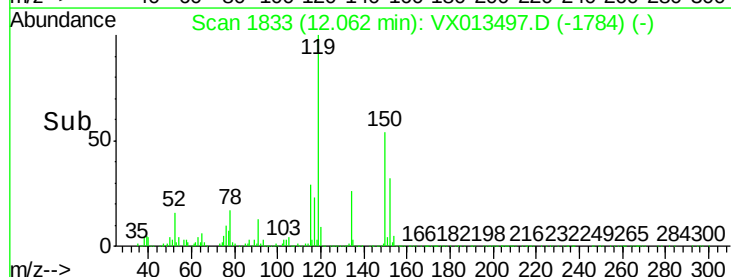
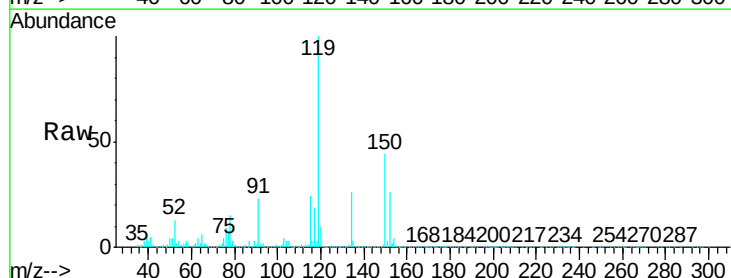
Tgt Ion:119 Resp: 471731

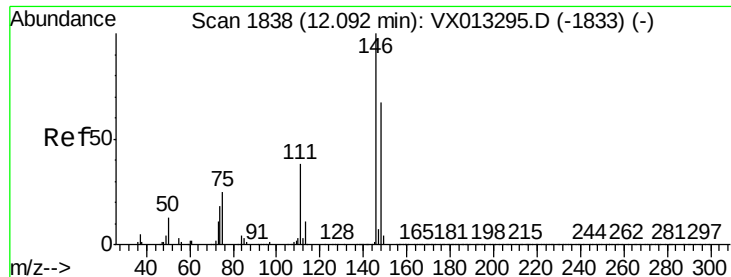
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.5 11.5 34.4

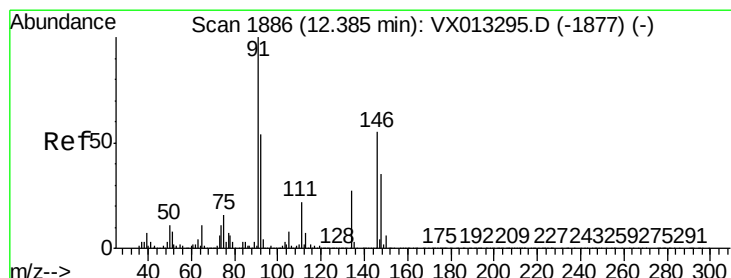
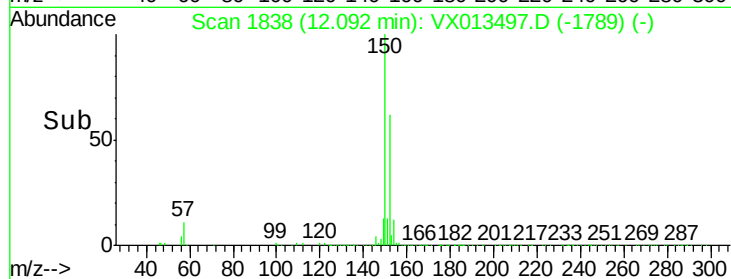
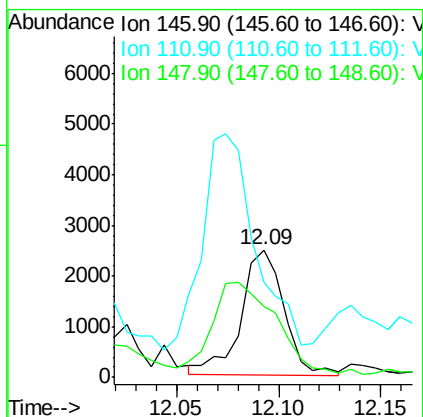
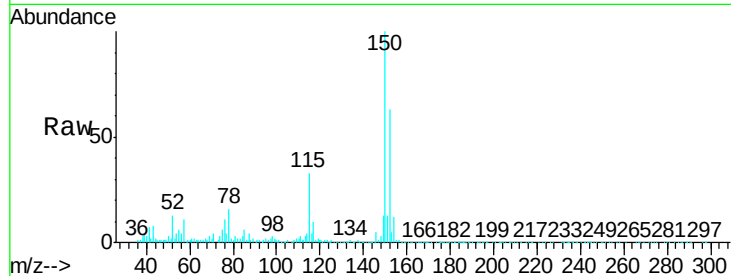




#88
 1,4-Dichlorobenzene
 Concen: 0.227 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013497.D
 Acq: 21 Nov 2019 12:53

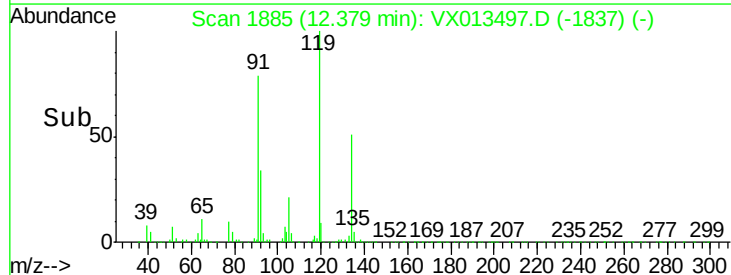
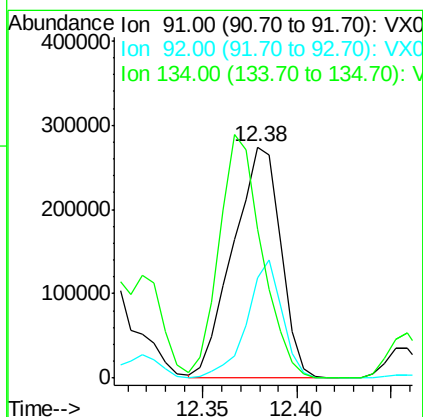
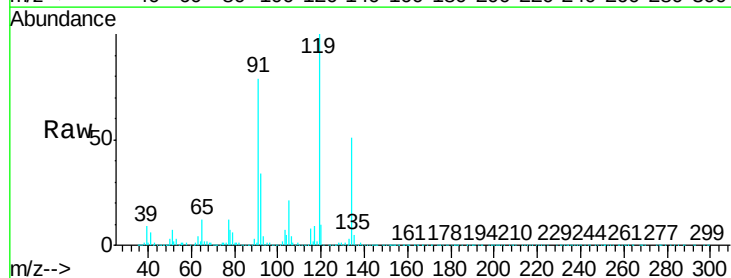
Instrument :
 MSVOA_X
 ClientSampled :
 MW-4DL

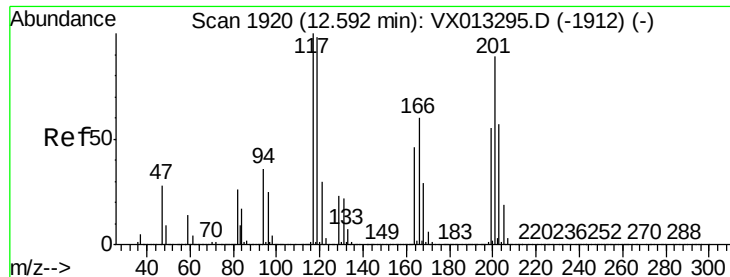
Tgt Ion: 146 Resp: 3632
 Ion Ratio Lower Upper
 146 100
 111 213.2 18.8 56.4#
 148 109.7 32.4 97.0#



#89
 n-Butylbenzene
 Concen: 18.669 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: VX013497.D
 Acq: 21 Nov 2019 12:53

Tgt Ion: 91 Resp: 477845
 Ion Ratio Lower Upper
 91 100
 92 37.7 27.3 81.8
 134 94.2 13.5 40.5#





#90

Hexachloroethane

Concen: 12.769 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX013497.D

Acq: 21 Nov 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

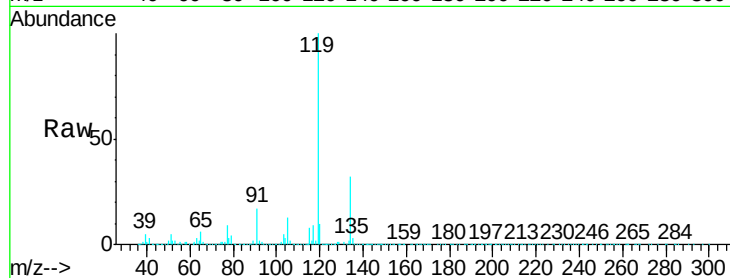
MW-4DL

Tgt Ion:117 Resp: 66736

Ion Ratio Lower Upper

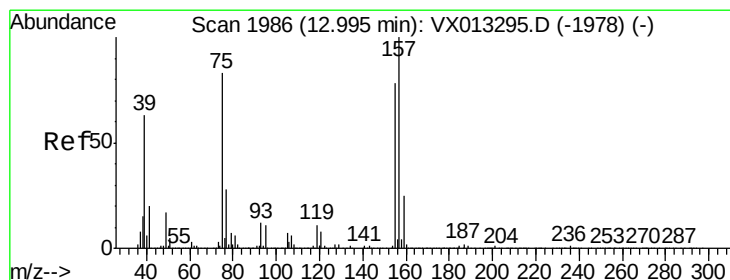
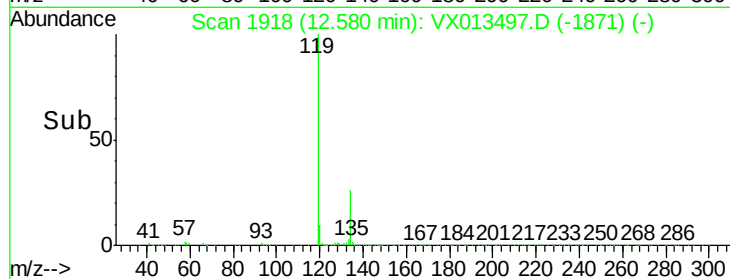
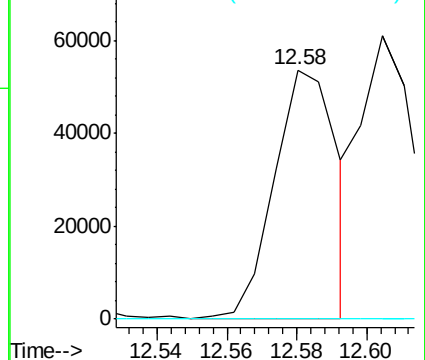
117 100

201 0.2 43.9 131.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.013 ug/l

RT: 12.98 min Scan# 1983

Delta R.T. -0.02 min

Lab File: VX013497.D

Acq: 21 Nov 2019 12:53

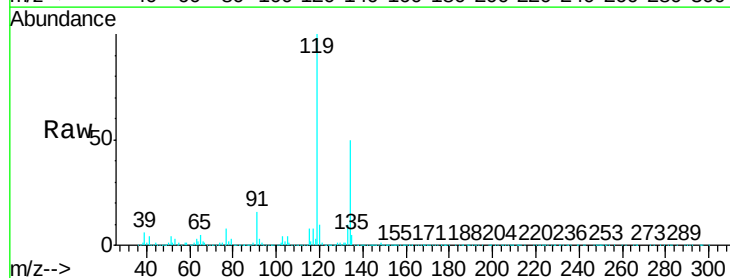
Tgt Ion: 75 Resp: 2976

Ion Ratio Lower Upper

75 100

155 5.6 47.1 141.4#

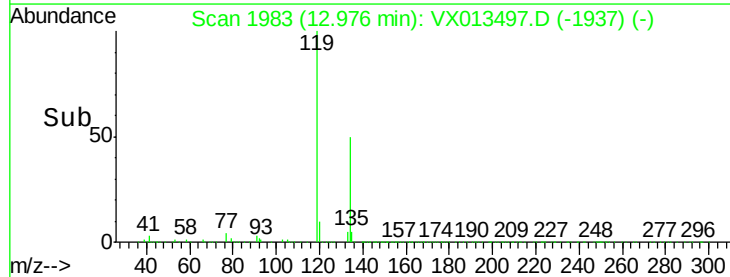
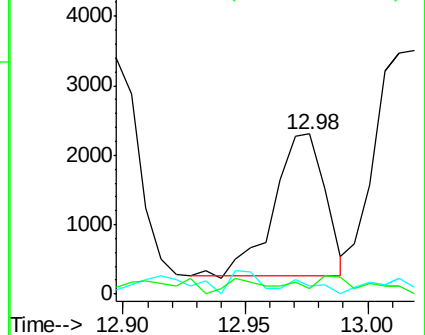
157 15.3 61.3 183.8#

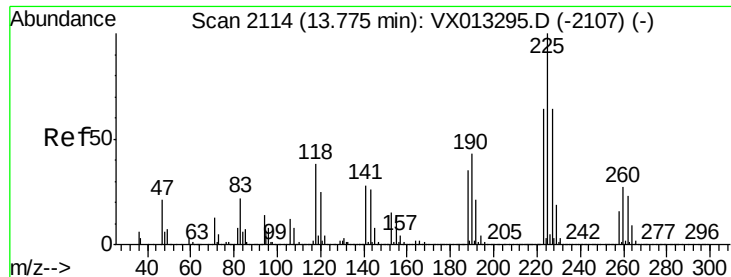


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#94

Hexachlorobutadiene

Concen: 0.211 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX013497.D

Acq: 21 Nov 2019 12:53

Instrument :

MSVOA_X

ClientSampled :

MW-4DL

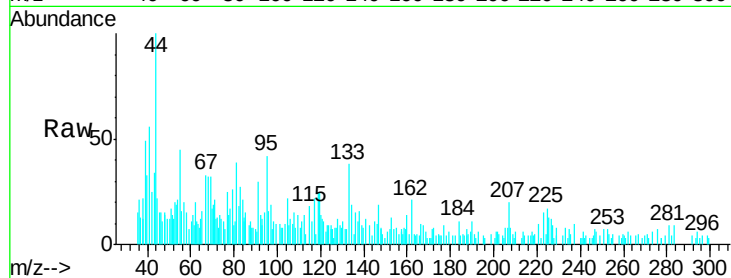
Tgt Ion:225 Resp: 1132

Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.7

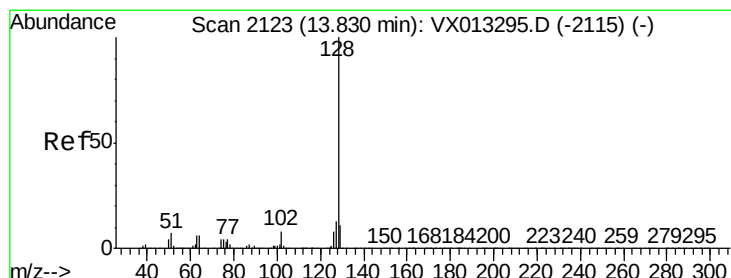
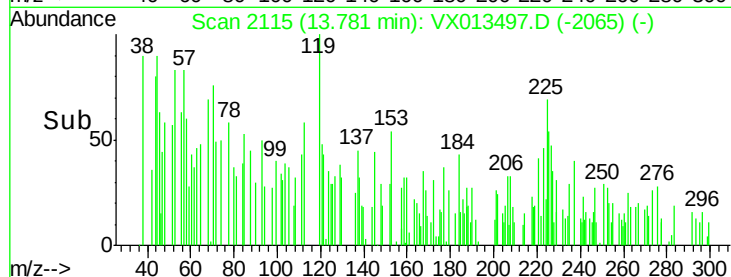
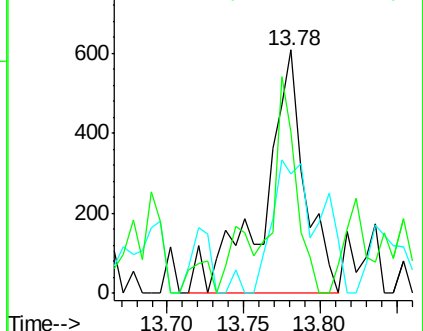
227 47.5 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 23.793 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013497.D

Acq: 21 Nov 2019 12:53

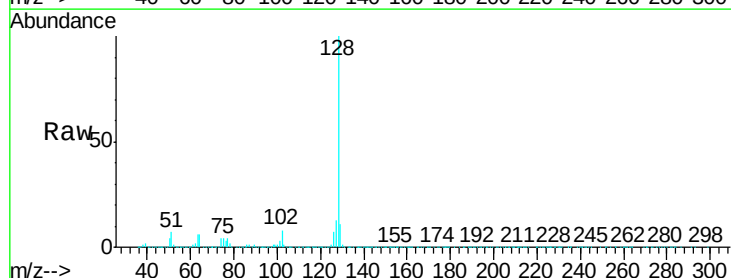
Tgt Ion:128 Resp: 817619

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

