

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014157.D
 Acq On : 20 Dec 2019 06:49
 Operator : JC/SP
 Sample : K6372-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 07:35:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	574559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	870159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	787427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	389873	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	306429	47.06	ug/l	0.00
Spiked Amount						
			Recovery	=	94.12%	
35) Dibromofluoromethane	5.49	113	253199	47.87	ug/l	0.00
Spiked Amount						
			Recovery	=	95.74%	
50) Toluene-d8	8.71	98	1036400	50.33	ug/l	0.00
Spiked Amount						
			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.13	95	375638	49.90	ug/l	0.00
Spiked Amount						
			Recovery	=	99.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2097	0.304	ug/l #	68
6) Chloroethane	1.70	64	2232	0.497	ug/l #	70
10) Methyl Iodide	2.51	142	458	2.681	ug/l #	32
11) Tert butyl alcohol	3.03	59	2560	1.819	ug/l #	80
13) Acrolein	2.25	56	709	0.880	ug/l #	1
16) Acetone	2.44	43	5784	1.368	ug/l #	88
17) Carbon Disulfide	2.57	76	2008	0.879	ug/l #	49
20) Methylene Chloride	2.85	84	1563	0.235	ug/l #	92
28) Bromochloromethane	5.01	49	315	0.528	ug/l #	69
29) Tetrahydrofuran	5.17	42	771	0.264	ug/l #	41
31) Cyclohexane	5.60	56	65050	6.685	ug/l #	48
36) 1,1-Dichloropropene	5.65	75	38614	4.836	ug/l #	52
38) Carbon Tetrachloride	5.65	117	50077	6.885	ug/l #	16
39) Methylcyclohexane	7.46	83	143777	14.584	ug/l	98
43) Isopropyl Acetate	6.45	43	10611	0.727	ug/l #	69
48) Methyl methacrylate	7.73	41	34997	4.898	ug/l #	54
49) 1,4-Dioxane	7.73	88	368	2.531	ug/l #	1
52) Toluene	8.78	92	10077	0.649	ug/l	91
55) 1,1,2-Trichloroethane	9.16	97	6266	1.007	ug/l #	24
56) Ethyl methacrylate	9.15	69	1990	0.204	ug/l #	1
67) Ethyl Benzene	10.25	91	677127	23.524	ug/l	98
68) m/p-Xylenes	10.36	106	37644	3.400	ug/l	100
69) o-Xylene	10.70	106	93120	8.576	ug/l	95
70) Styrene	10.71	104	29251	1.593	ug/l #	54
73) Isopropylbenzene	11.01	105	2602887	94.823	ug/l	99
76) 1,2,3-Trichloropropane	11.35	75	16851	1.991	ug/l #	1
78) n-propylbenzene	11.35	91	2752964	89.411	ug/l	100
79) 2-Chlorotoluene	11.45	91	230943	12.339	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.50	105	954975	41.337	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.01	75	28026	9.346	ug/l #	58
82) 4-Chlorotoluene	11.50	91	106691	4.914	ug/l #	43
83) tert-Butylbenzene	11.81	119	2046650	91.034	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.80	105	12766510	551.817	ug/l	82
85) sec-Butylbenzene	11.80	105	12766510	481.016	ug/l #	56

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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

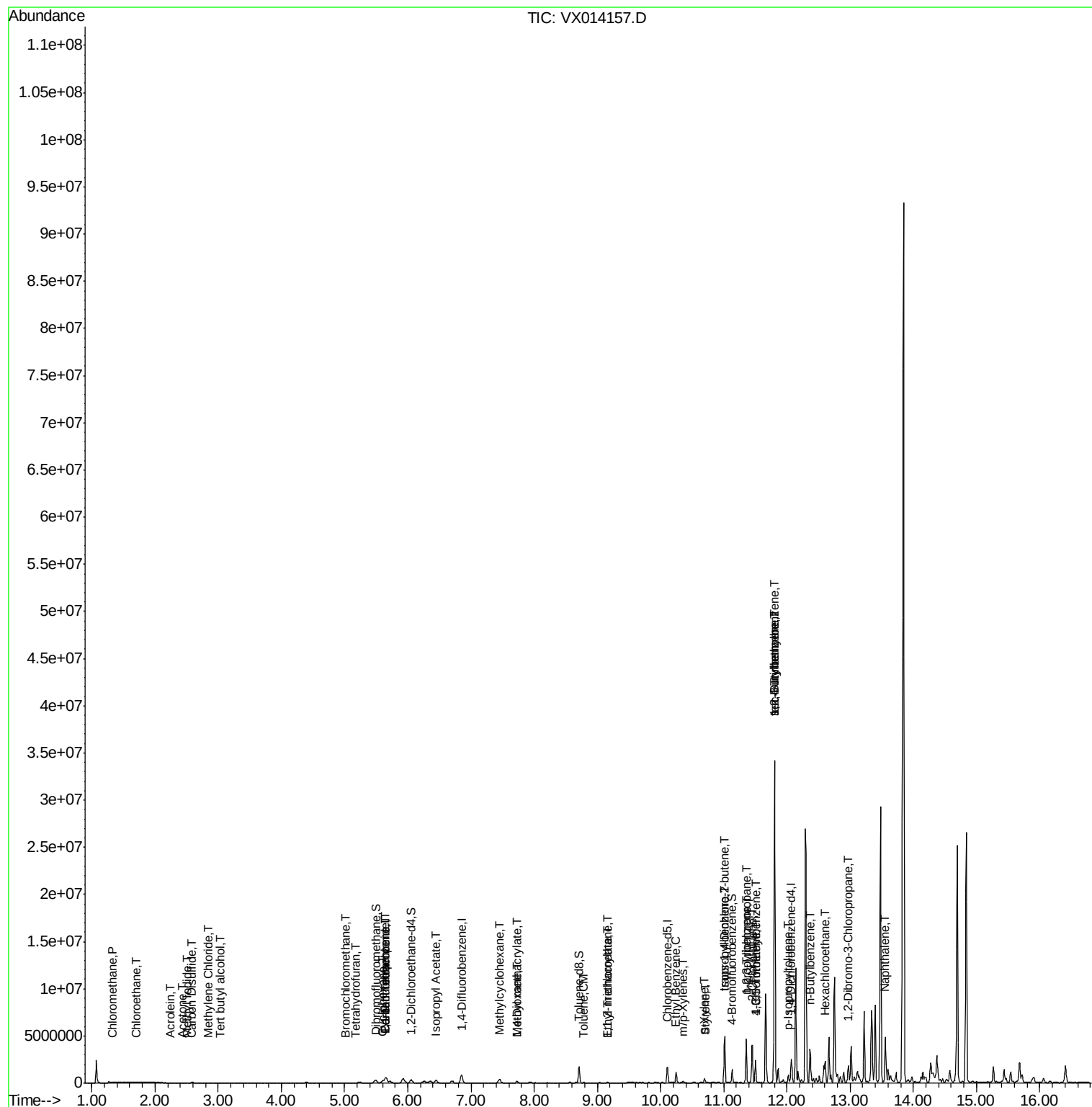
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.02	119	376808	15.521	ug/l	96
89) n-Butylbenzene	12.37	91	394032	19.021	ug/l #	1
90) Hexachloroethane	12.60	117	291000	66.732	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.97	75	6334	3.008	ug/l #	1
95) Naphthalene	13.56	128	577838	22.709	ug/l #	1

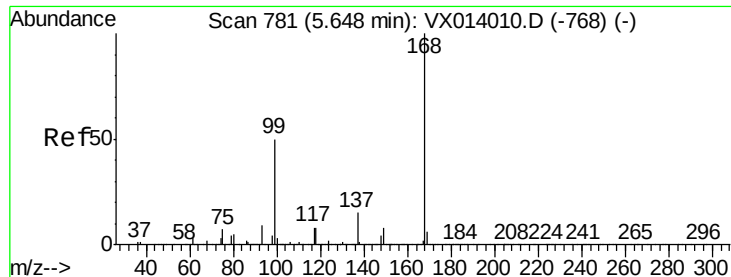
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

Instrument :

MSVOA_X

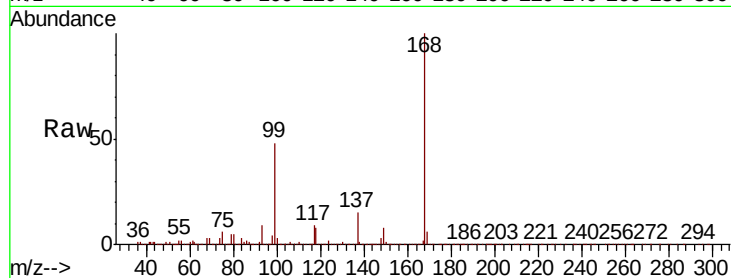
ClientSampleId :

Tot Ion:168 Resp: 574559

Ion Ratio Lower Upper

168 100

99 47.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

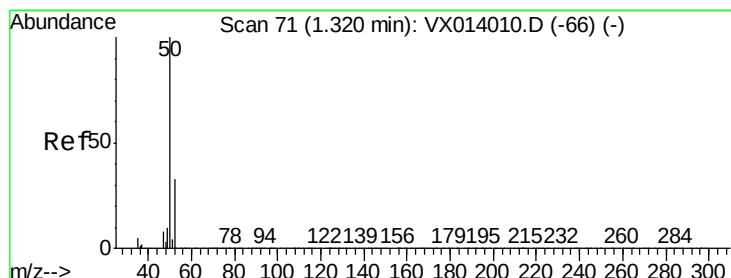
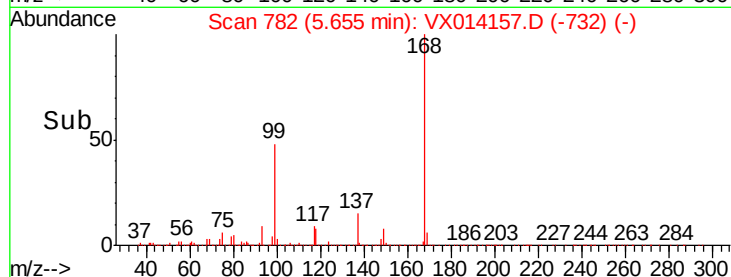
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.304 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014157.D

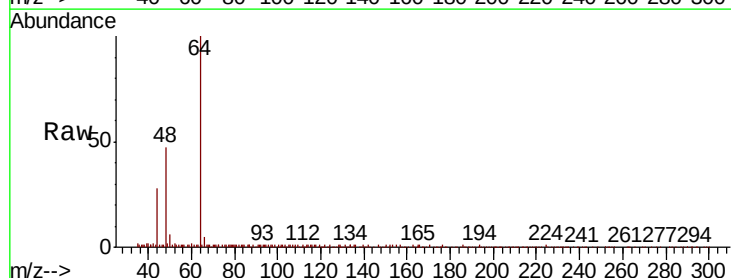
Acq: 20 Dec 2019 06:49

Tgt Ion: 50 Resp: 2097

Ion Ratio Lower Upper

50 100

52 14.6 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

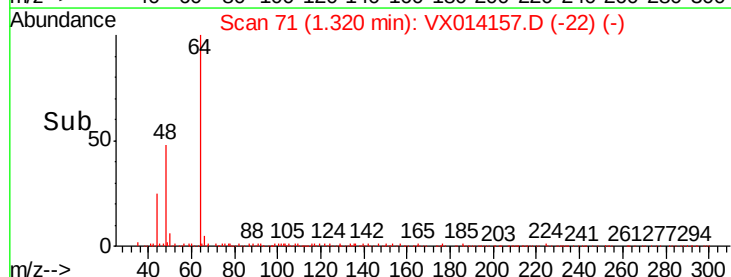
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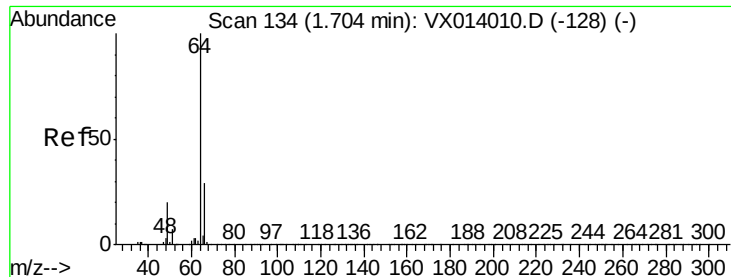
1000

500

0

Time-->





#6

Chloroethane

Concen: 0.497 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

Instrument :

MSVOA_X

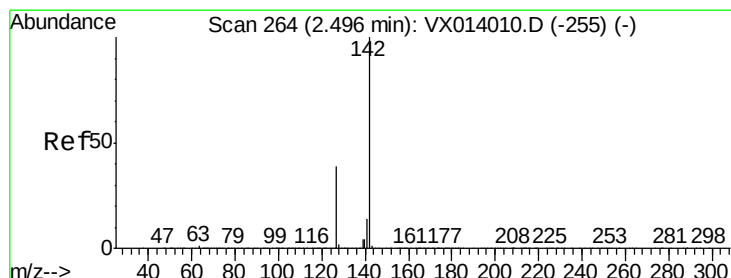
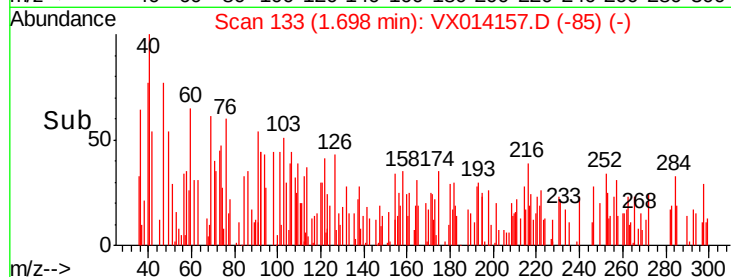
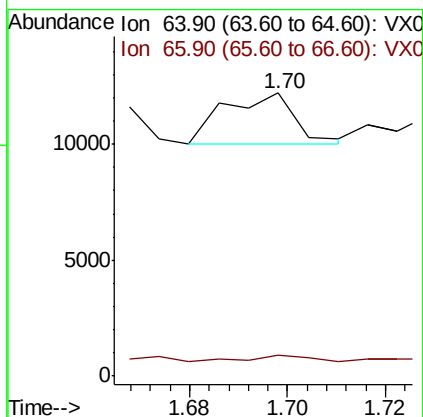
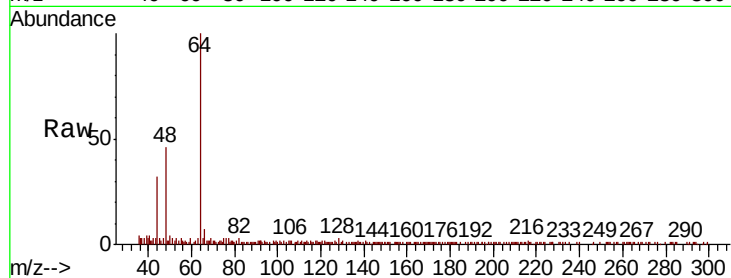
ClientSampleId :

Tot Ion: 64 Resp: 2232

Ion Ratio Lower Upper

64 100

66 13.0 23.4 35.2#



#10

Methyl Iodide

Concen: 2.681 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

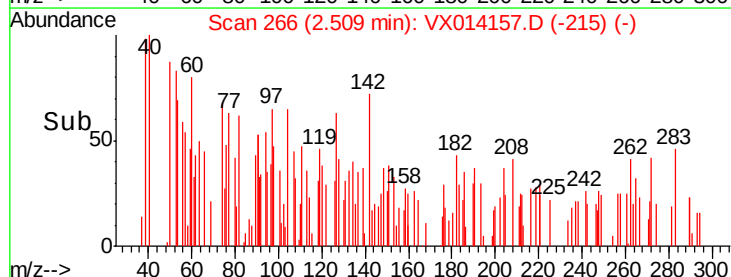
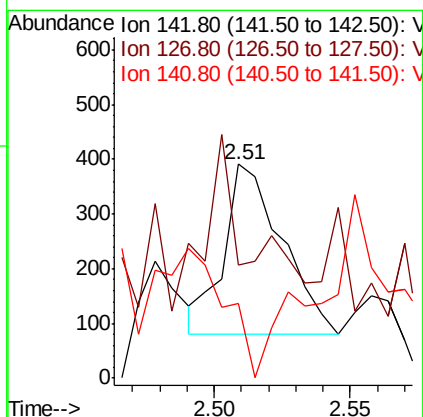
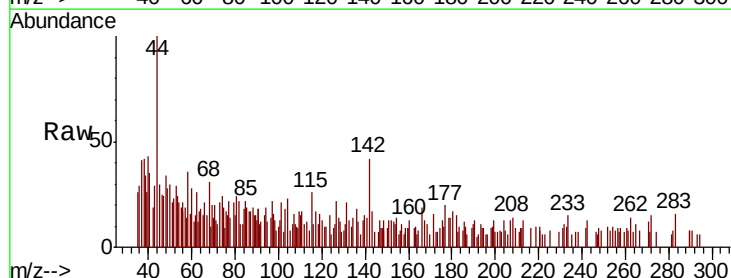
Tgt Ion: 142 Resp: 458

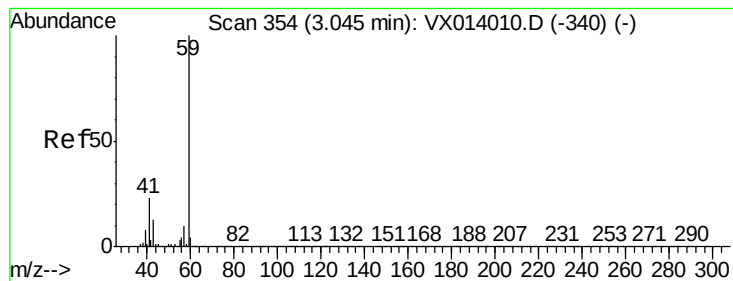
Ion Ratio Lower Upper

142 100

127 56.8 31.6 47.4#

141 87.6 11.6 17.4#



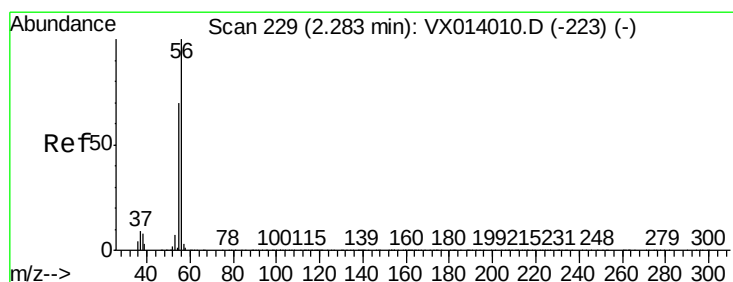
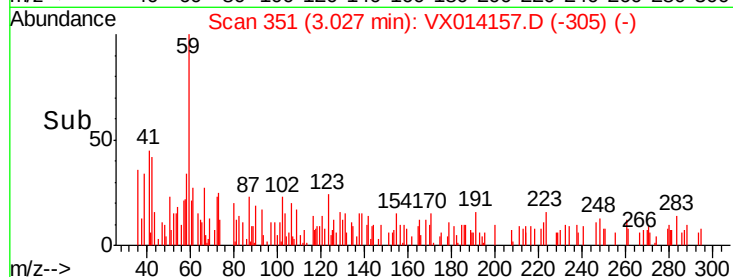
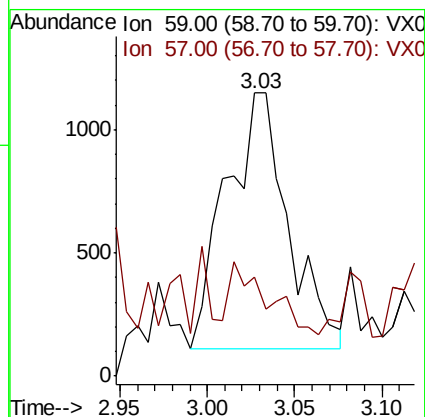
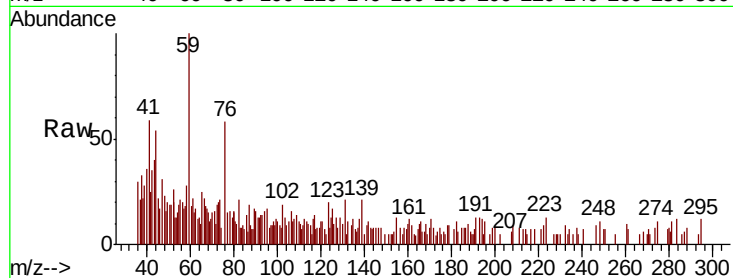


#11

Tert butyl alcohol
Concen: 1.819 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014157.D
Acq: 20 Dec 2019 06:49

Instrument :
MSVOA_X
ClientSampled :

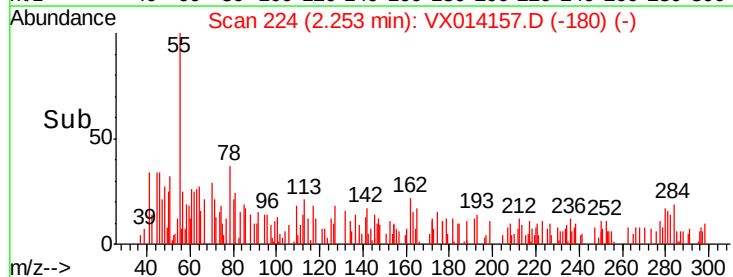
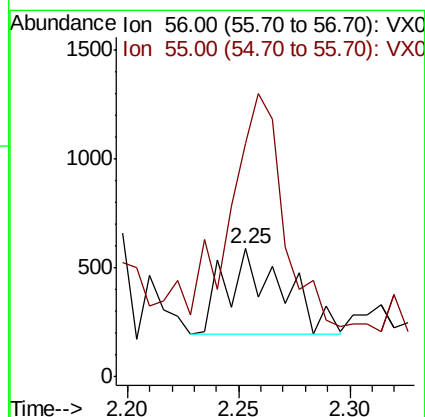
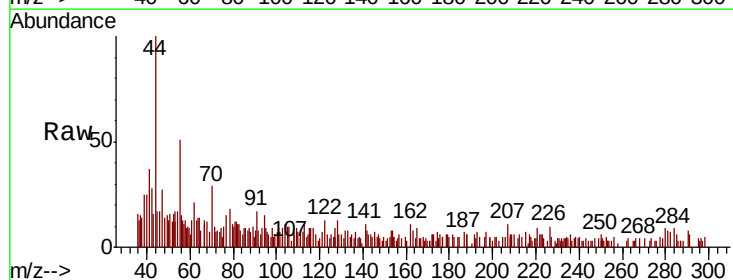
Tot Ion: 59 Resp: 2560
Ion Ratio Lower Upper
59 100
57 18.1 8.4 12.6#

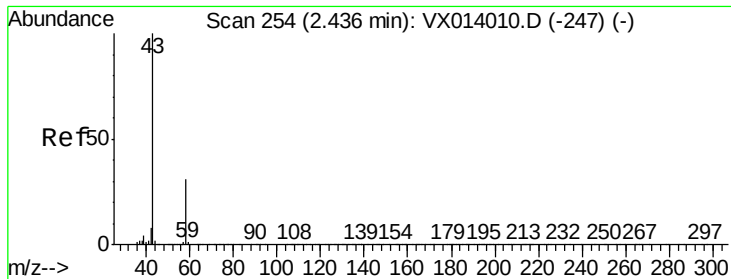


#13

Acrolein
Concen: 0.880 ug/l
RT: 2.25 min Scan# 224
Delta R.T. -0.03 min
Lab File: VX014157.D
Acq: 20 Dec 2019 06:49

Tgt Ion: 56 Resp: 709
Ion Ratio Lower Upper
56 100
55 288.7 56.9 85.3#

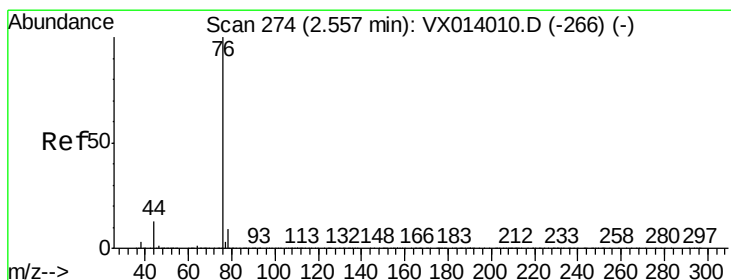
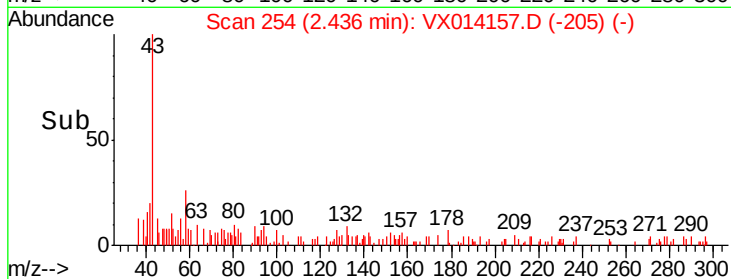
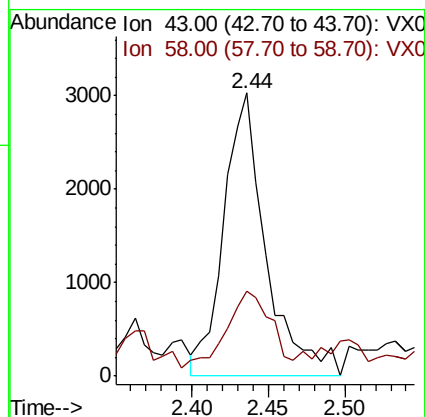
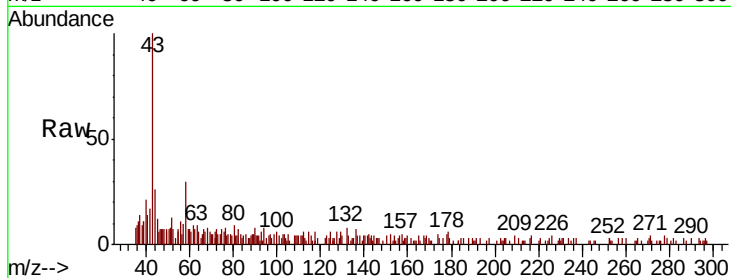




#16
Acetone
Concen: 1.368 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX014157.D
Acq: 20 Dec 2019 06:49

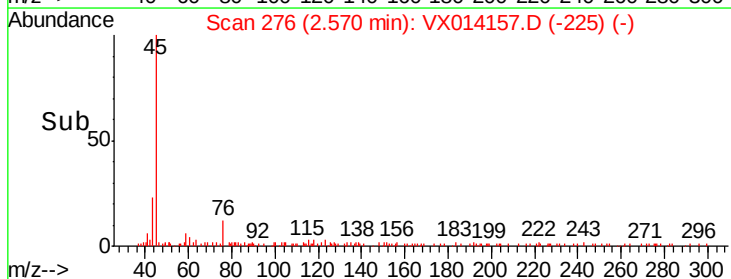
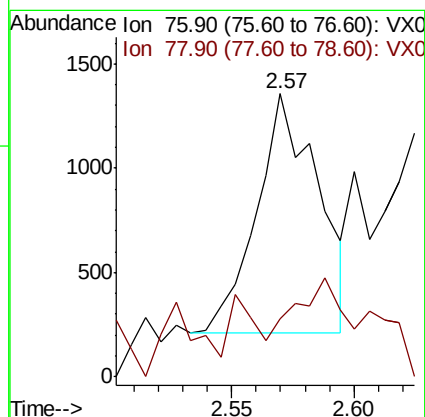
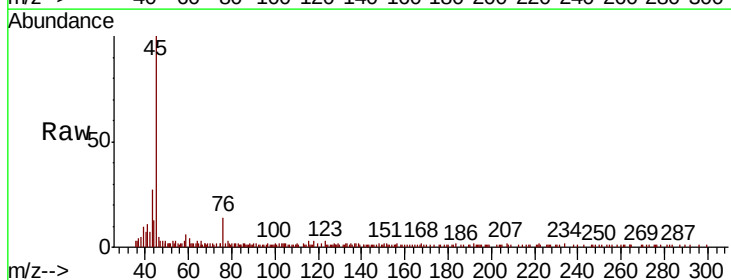
Instrument :
MSVOA_X
ClientSampleId :

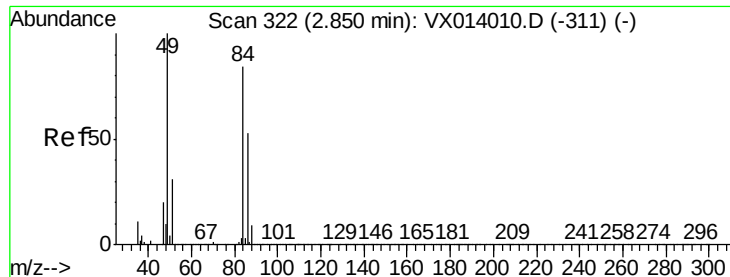
Tot Ion: 43 Resp: 5784
Ion Ratio Lower Upper
43 100
58 24.7 24.9 37.3#



#17
Carbon Disulfide
Concen: 0.879 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX014157.D
Acq: 20 Dec 2019 06:49

Tgt Ion: 76 Resp: 2008
Ion Ratio Lower Upper
76 100
78 27.3 7.2 10.8#

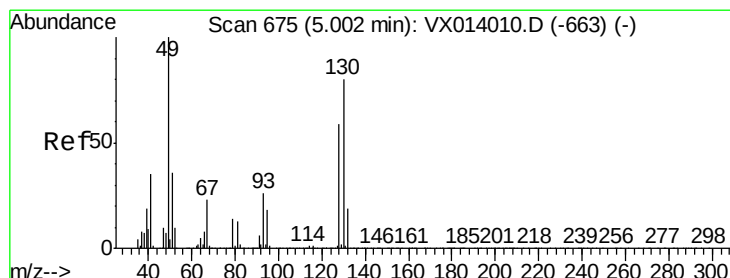
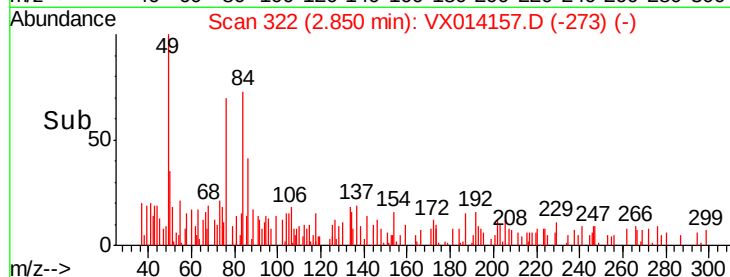
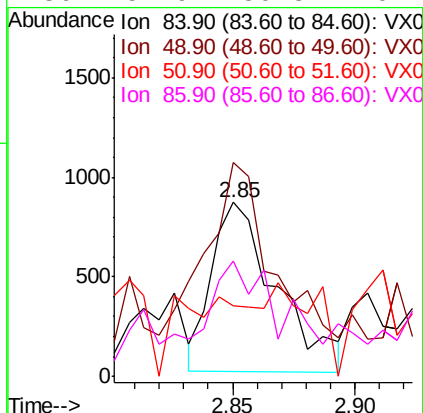
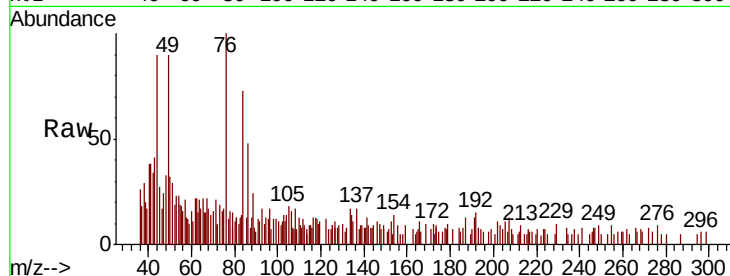




#20
Methylene Chloride
Concen: 0.235 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014157.D
Acq: 20 Dec 2019 06:49

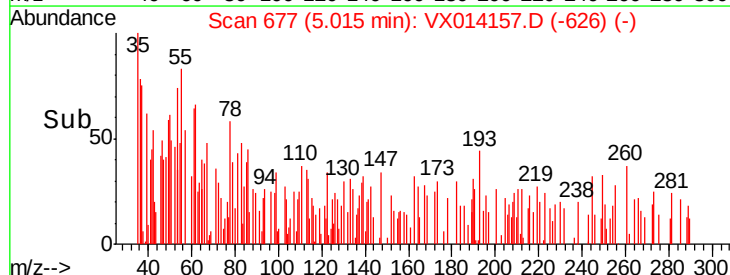
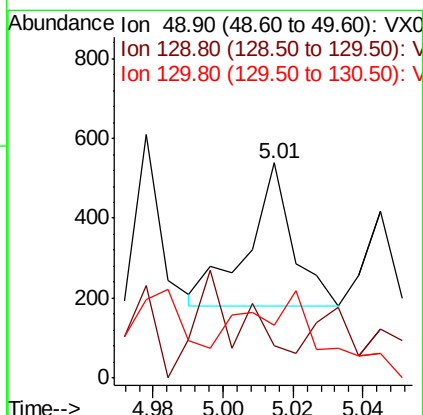
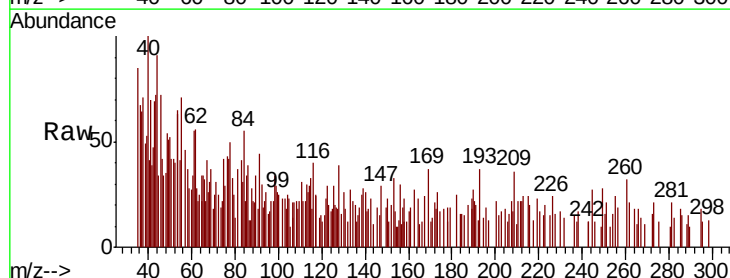
Instrument :
MSVOA_X
ClientSampleId :

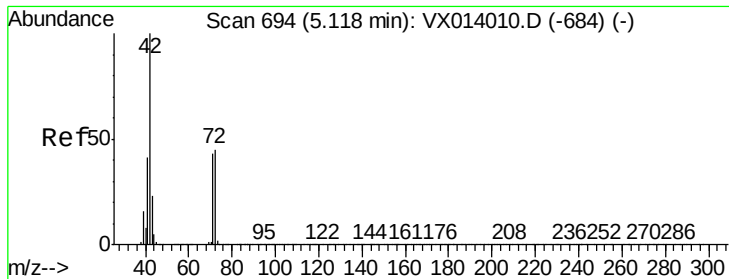
Tot Ion	Ratio	Lower	Upper
84	100		
49	122.8	95.8	143.6
51	49.2	29.8	44.8#
86	54.9	50.8	76.2



#28
Bromochloromethane
Concen: 0.528 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX014157.D
Acq: 20 Dec 2019 06:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	109.2	64.6	97.0#

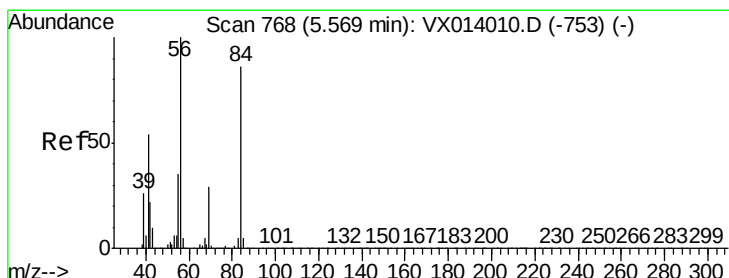
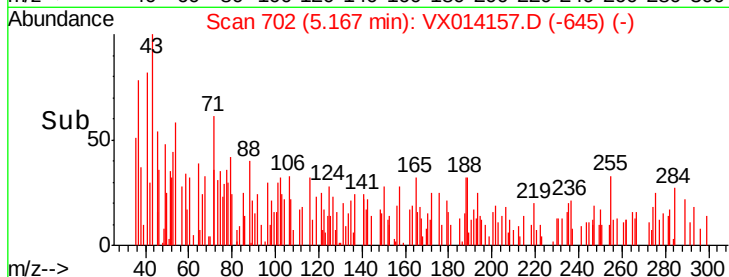
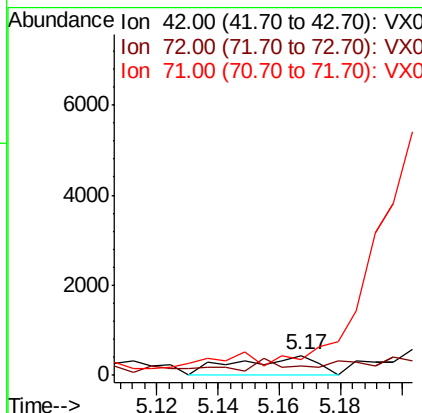
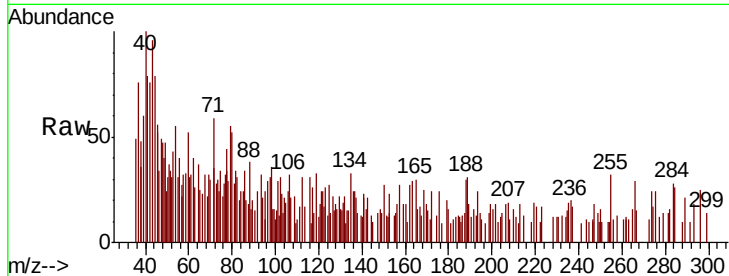




#29
Tetrahydrofuran
Concen: 0.264 ug/l
RT: 5.17 min Scan# 702
Delta R.T. 0.05 min
Lab File: VX014157.D
Acq: 20 Dec 2019 06:49

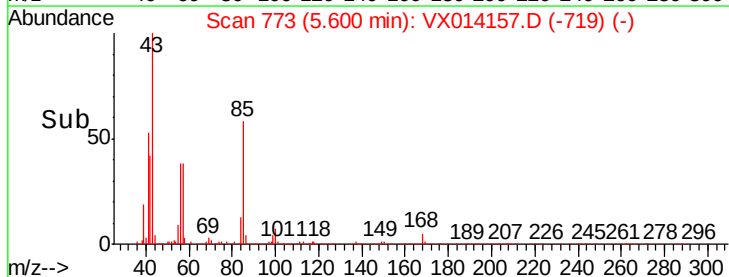
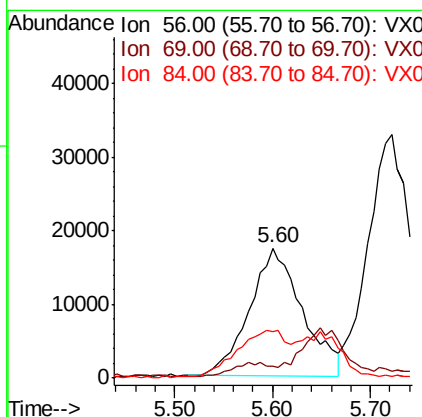
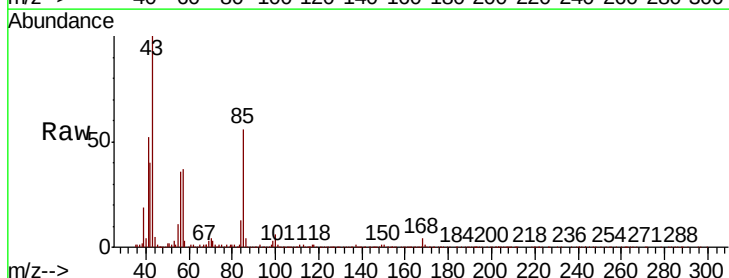
Instrument :
MSVOA_X
ClientSampleId :

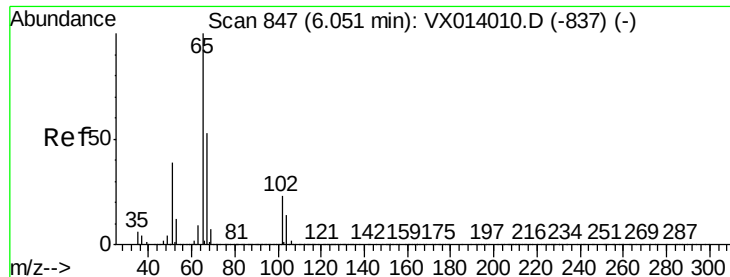
Tot Ion: 42 Resp: 771
Ion Ratio Lower Upper
42 100
72 10.2 35.8 53.8#
71 0.0 33.6 50.4#



#31
Cyclohexane
Concen: 6.685 ug/l
RT: 5.60 min Scan# 773
Delta R.T. 0.03 min
Lab File: VX014157.D
Acq: 20 Dec 2019 06:49

Tgt Ion: 56 Resp: 65050
Ion Ratio Lower Upper
56 100
69 7.4 23.2 34.8#
84 34.8 69.2 103.8#

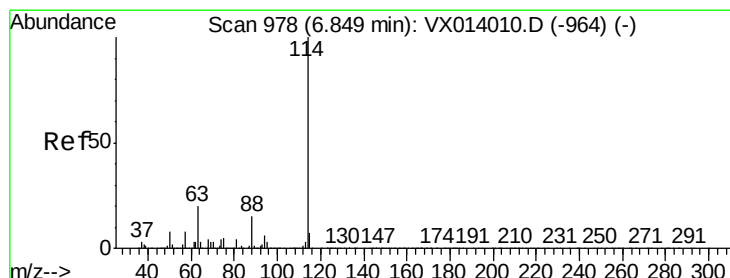
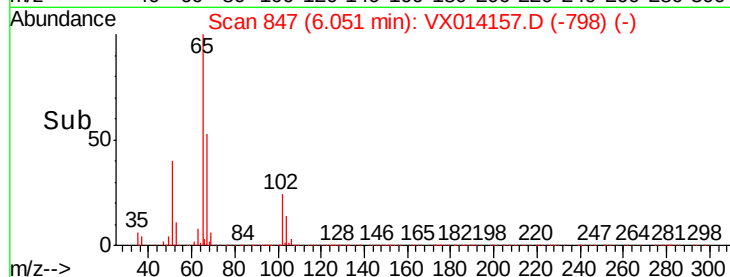
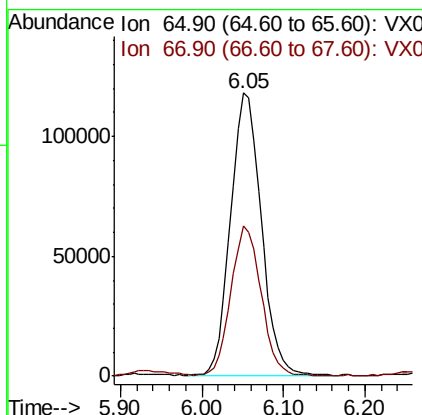
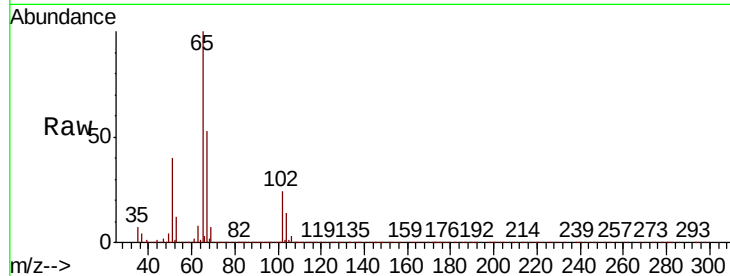




#33
 1,2-Dichloroethane-d4
 Concen: 47.057 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014157.D
 Acq: 20 Dec 2019 06:49

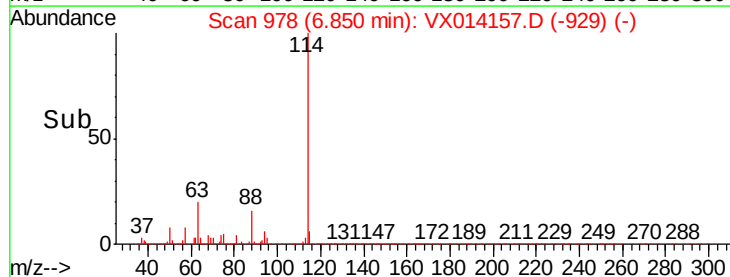
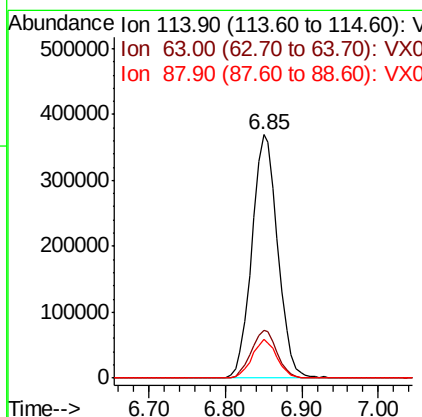
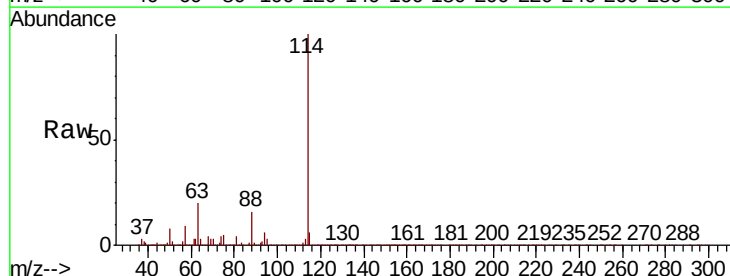
Instrument :
 MSVOA_X
 ClientSampled :

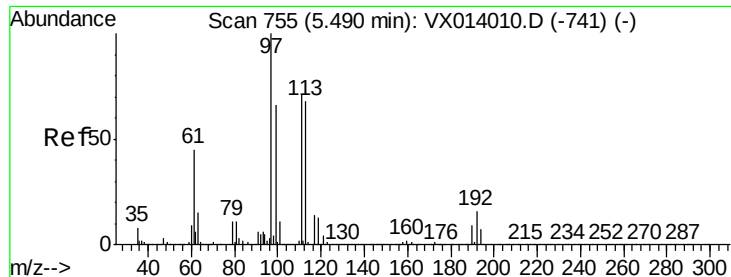
Tot Ion: 65 Resp: 306429
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014157.D
 Acq: 20 Dec 2019 06:49

Tgt Ion: 114 Resp: 870159
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.867 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

Instrument :
MSVOA_X
ClientSampleId :

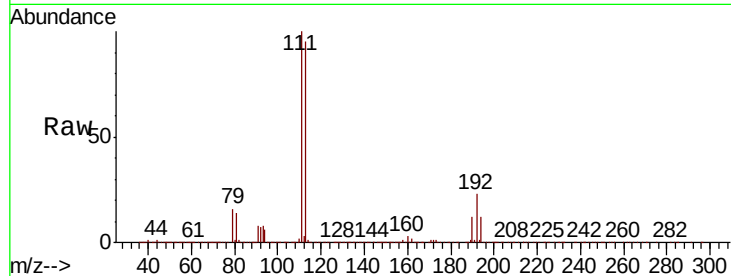
Tot Ion:113 Resp: 253199

Ion Ratio Lower Upper

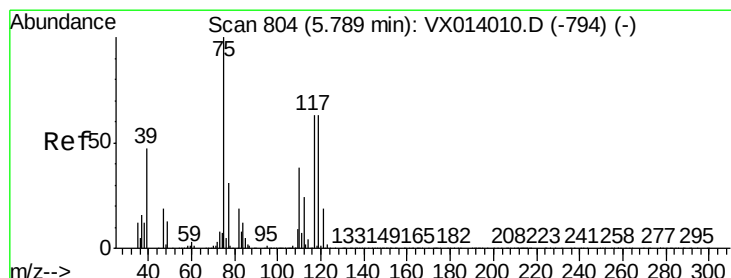
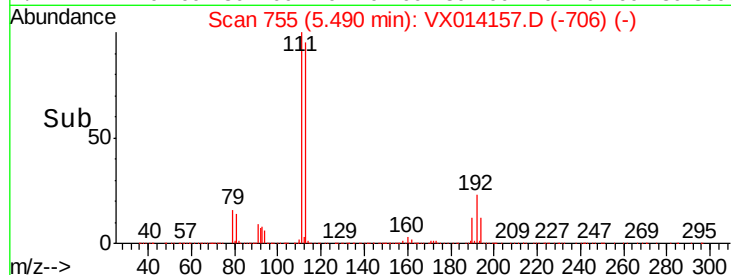
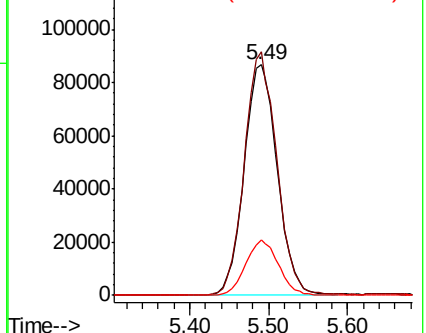
113 100

111 103.3 82.0 123.0

192 24.1 19.3 28.9



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: 4.836 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

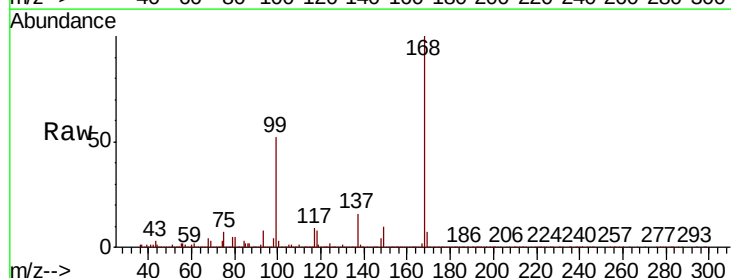
Tgt Ion: 75 Resp: 38614

Ion Ratio Lower Upper

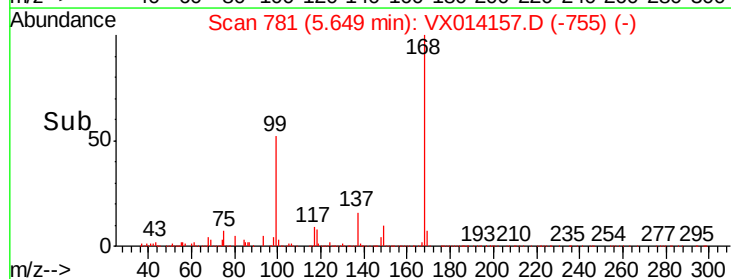
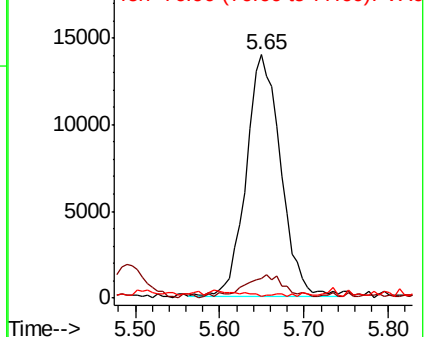
75 100

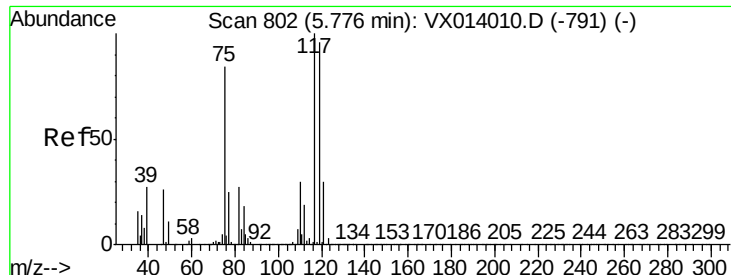
110 11.9 18.3 54.9#

77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.885 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

Instrument :

MSVOA_X

ClientSampleId :

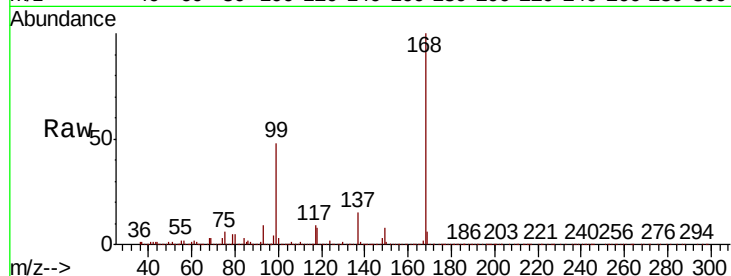
Tot Ion:117 Resp: 50077

Ion Ratio Lower Upper

117 100

119 5.1 76.2 114.4#

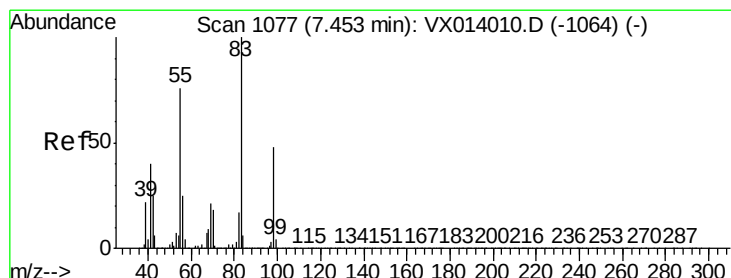
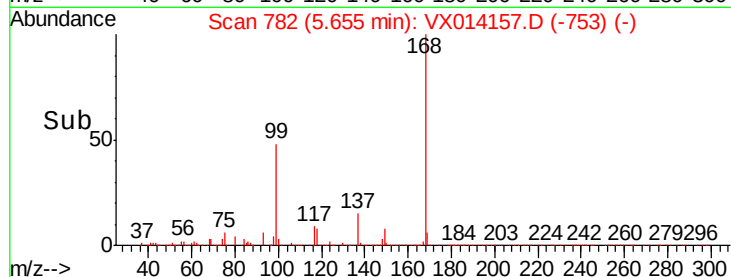
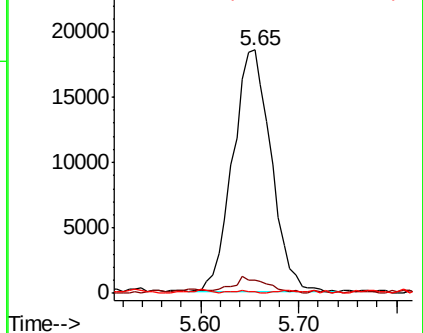
121 0.0 23.6 35.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 14.584 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

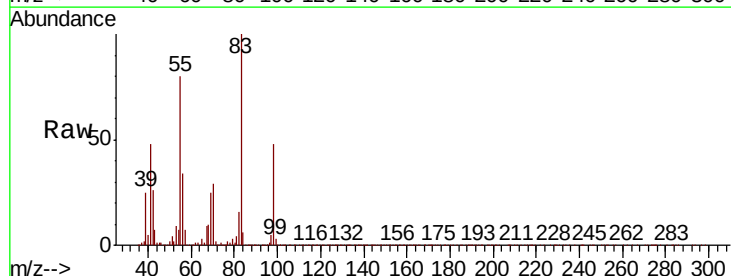
Tgt Ion: 83 Resp: 143777

Ion Ratio Lower Upper

83 100

55 79.7 61.0 91.6

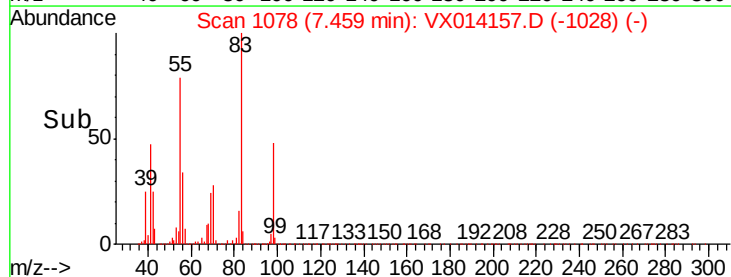
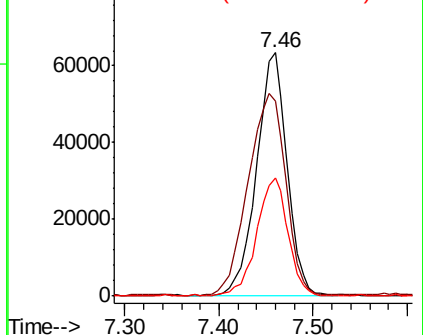
98 48.3 38.6 57.8

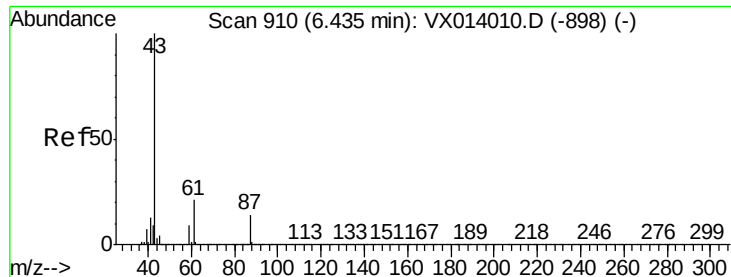


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 0.727 ug/l

RT: 6.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

Instrument :

MSVOA_X

ClientSampleId :

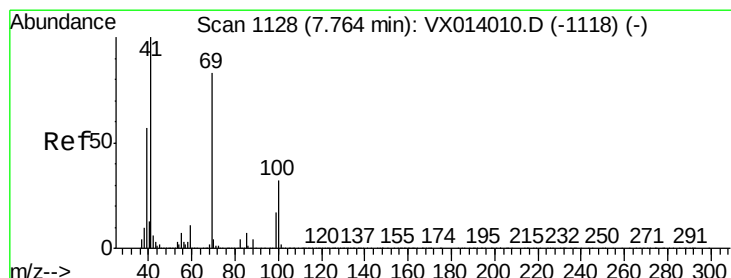
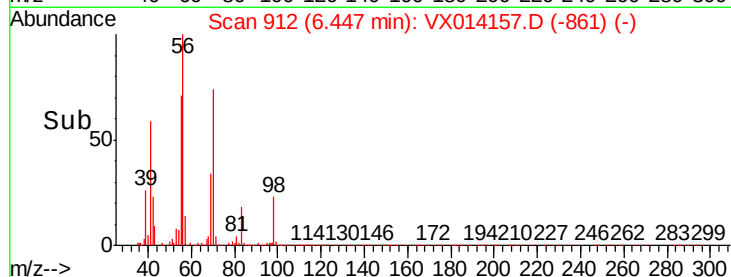
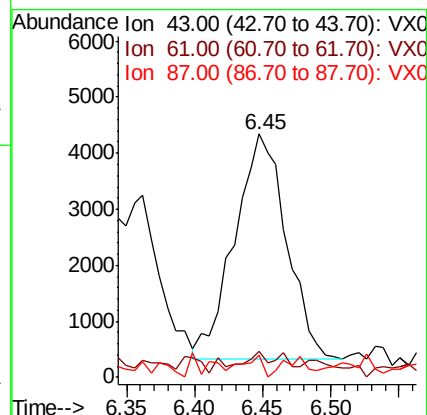
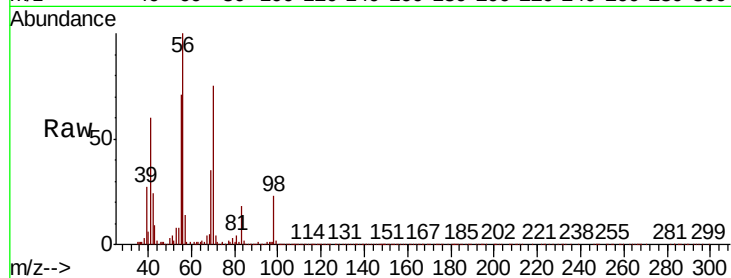
Tot Ion: 43 Resp: 10611

Ion Ratio Lower Upper

43 100

61 3.9 16.4 24.6#

87 3.9 10.7 16.1#



#48

Methyl methacrylate

Concen: 4.898 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.04 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

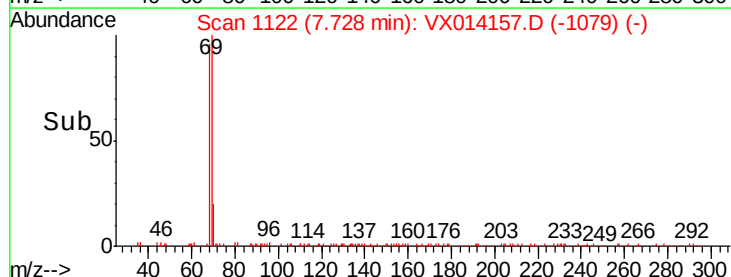
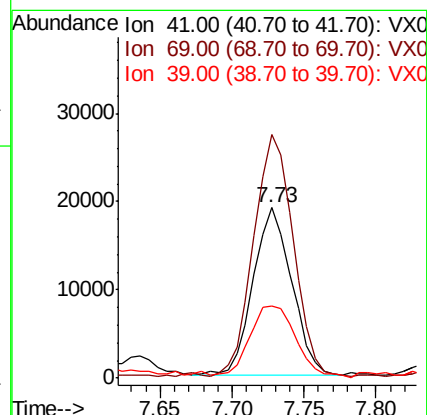
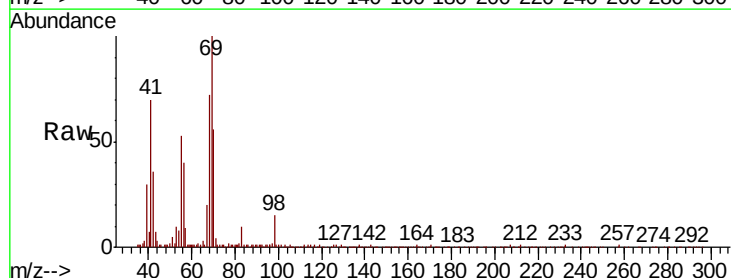
Tgt Ion: 41 Resp: 34997

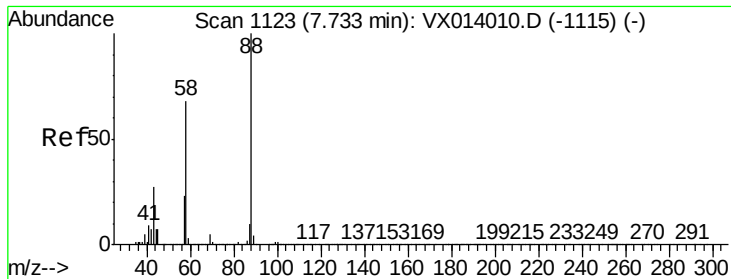
Ion Ratio Lower Upper

41 100

69 148.9 65.8 98.6#

39 52.7 44.6 67.0





#49

1,4-Dioxane

Concen: 2.531 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

Instrument :

MSVOA_X

ClientSampleId :

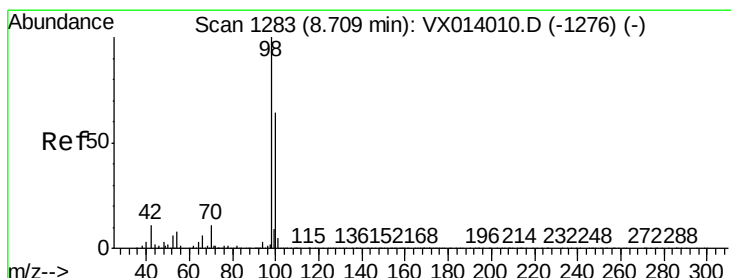
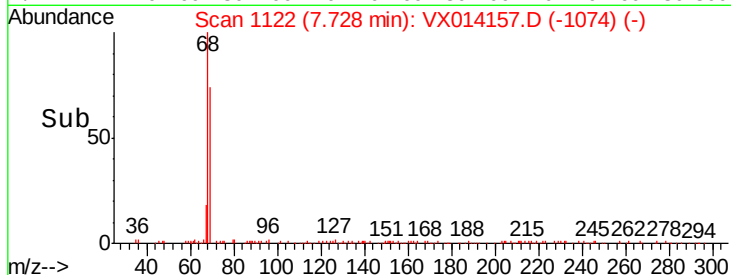
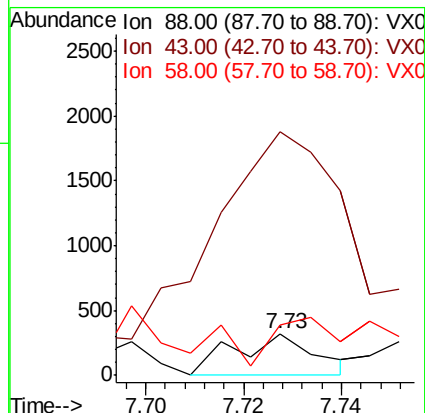
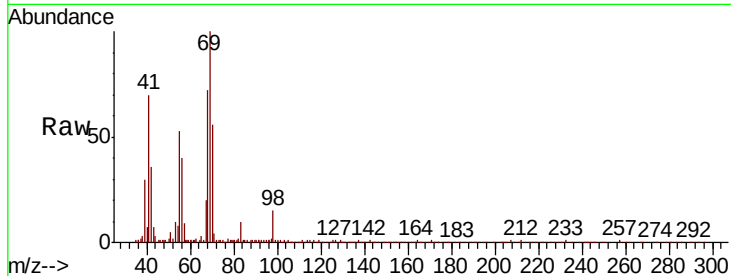
Tot Ion: 88 Resp: 368

Ion Ratio Lower Upper

88 100

43 1081.5 26.5 39.7#

58 214.1 56.8 85.2#



#50

Toluene-d8

Concen: 50.326 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014157.D

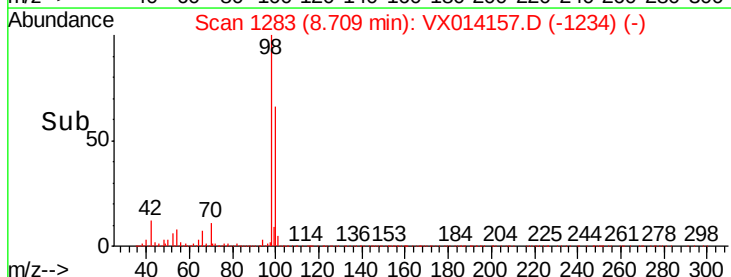
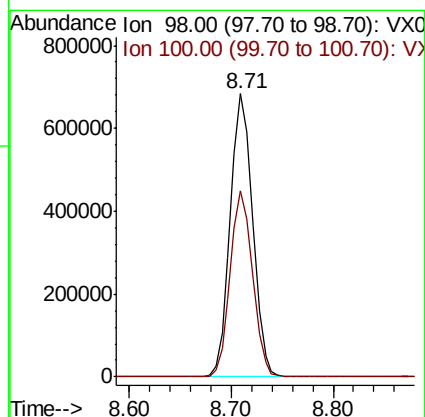
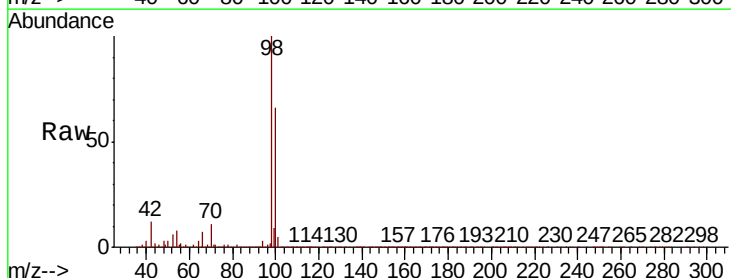
Acq: 20 Dec 2019 06:49

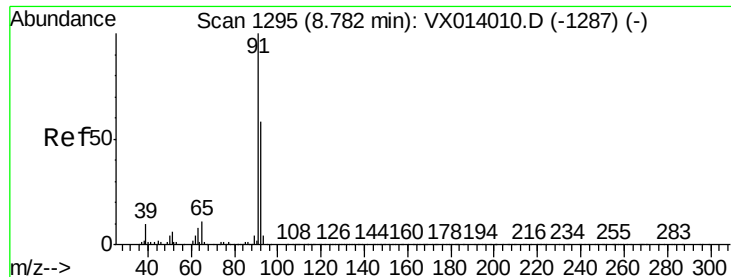
Tgt Ion: 98 Resp: 1036400

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3





#52

Toluene

Concen: 0.649 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

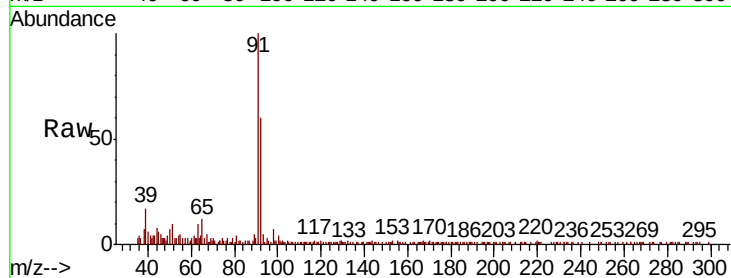
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 92 Resp: 10077

Ion Ratio Lower Upper

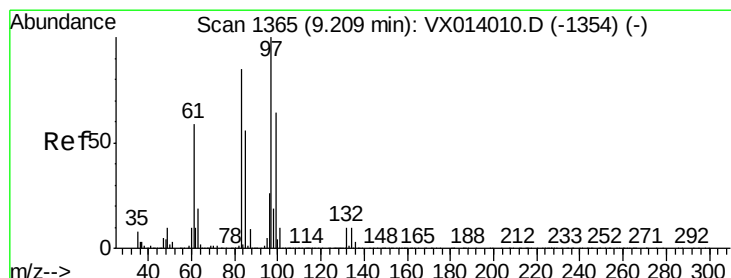
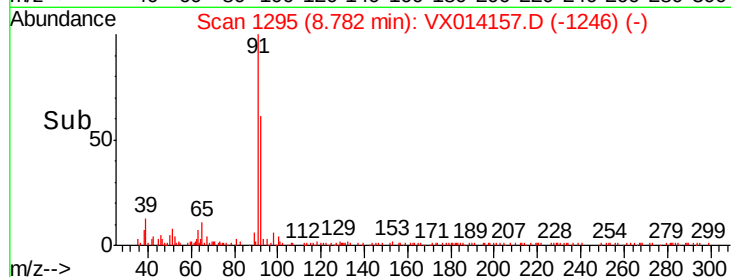
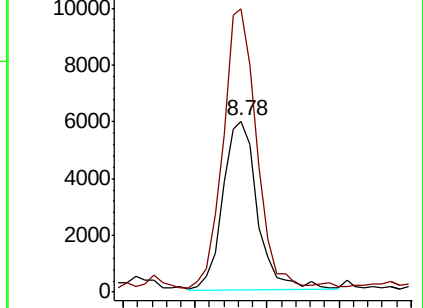
92 100

91 158.2 136.2 204.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.007 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

Tgt Ion: 97 Resp: 6266

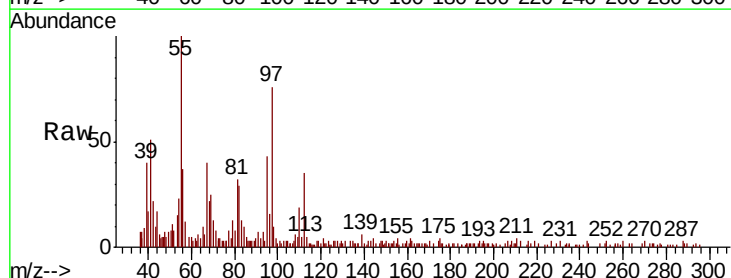
Ion Ratio Lower Upper

97 100

83 12.7 68.2 102.4#

85 4.9 44.6 66.8#

99 5.0 51.4 77.0#

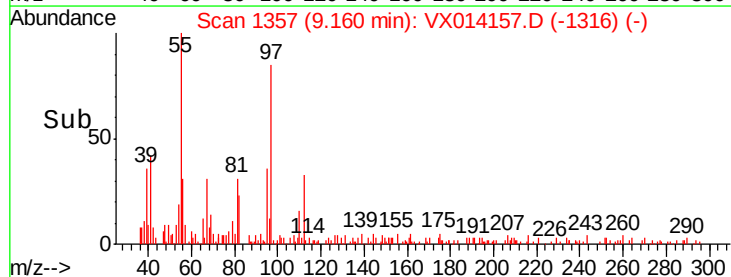
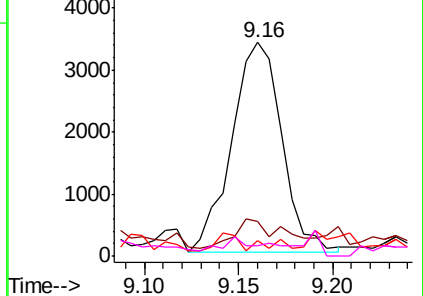


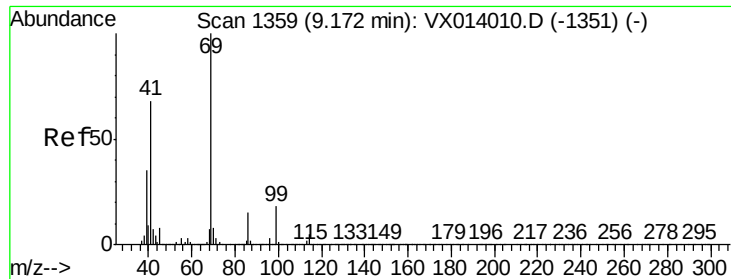
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.204 ug/l

RT: 9.15 min Scan# 1356

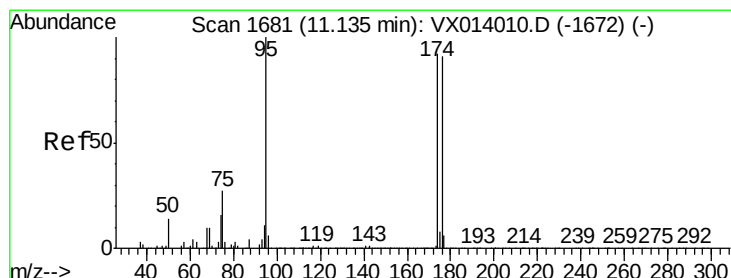
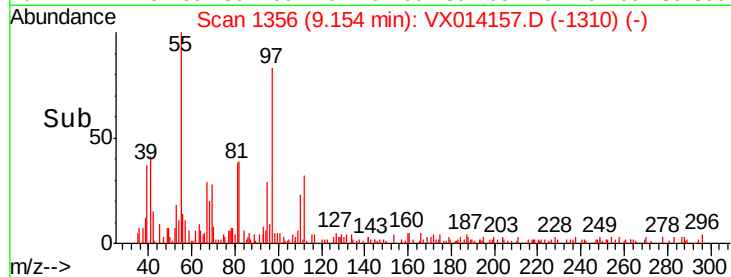
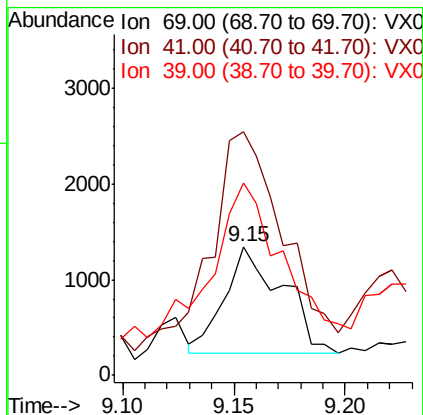
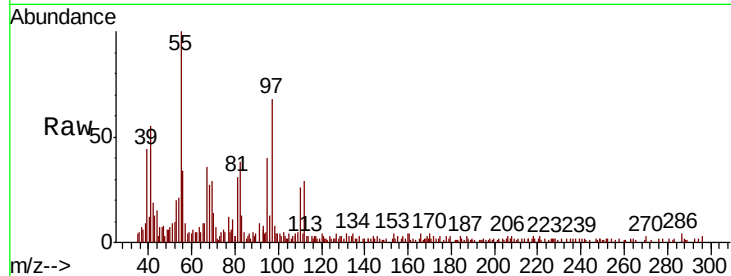
Delta R.T. -0.02 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	69	Resp:	1990
Ion	Ratio	Lower	Upper
69	100		
41	263.5	54.8	82.2#
39	178.4	28.3	42.5#



#62

4-Bromofluorobenzene

Concen: 49.899 ug/l

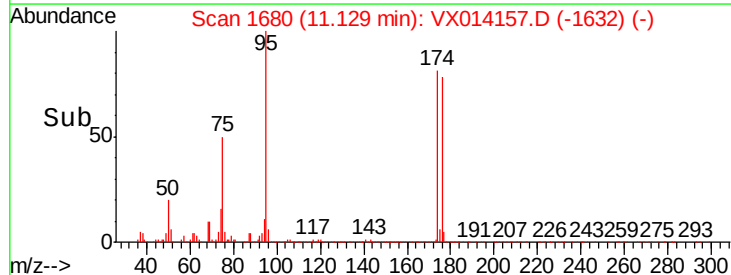
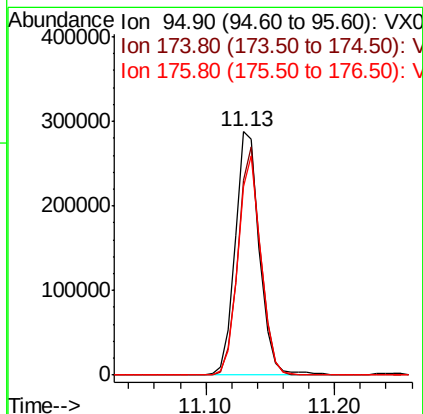
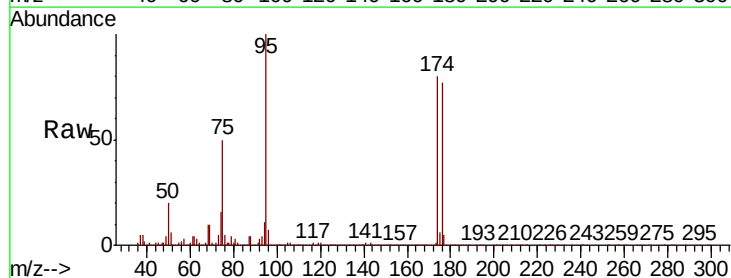
RT: 11.13 min Scan# 1680

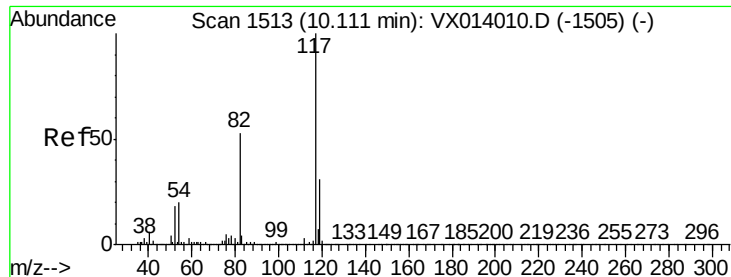
Delta R.T. -0.01 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

Tgt Ion:	95	Resp:	375638
Ion	Ratio	Lower	Upper
95	100		
174	87.2	0.0	175.8
176	84.9	0.0	173.0

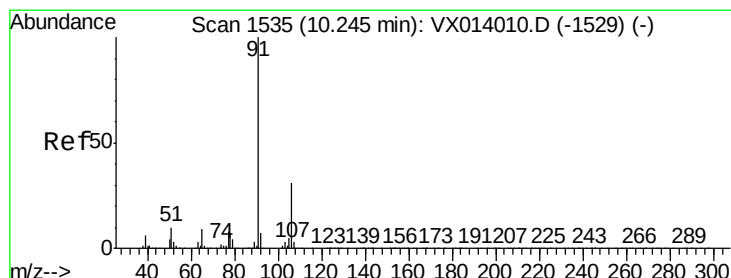
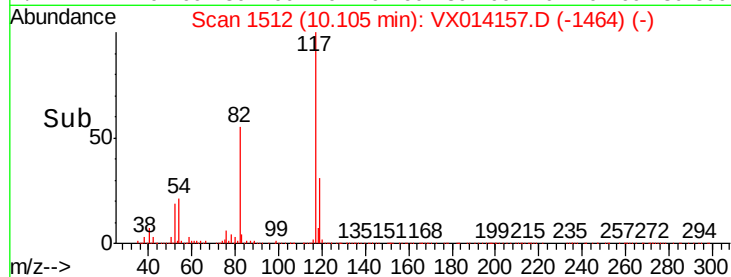
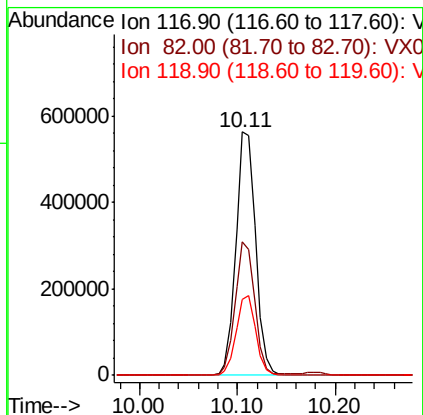
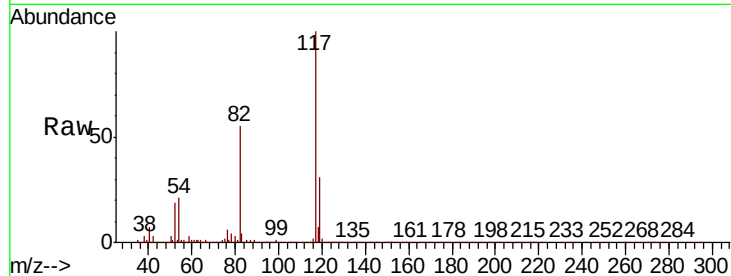




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014157.D
Acq: 20 Dec 2019 06:49

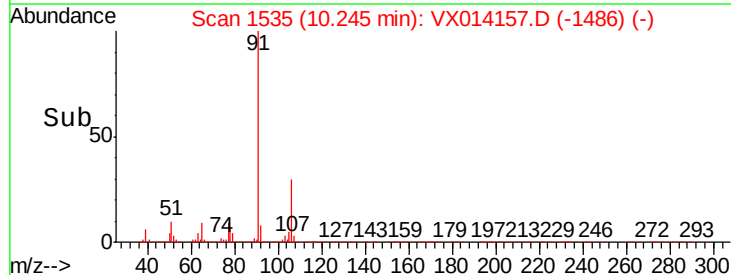
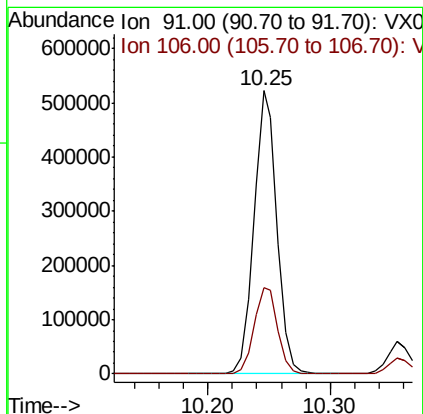
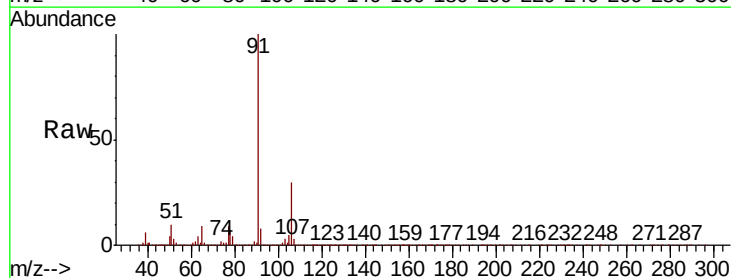
Instrument :
MSVOA_X
ClientSampleId :

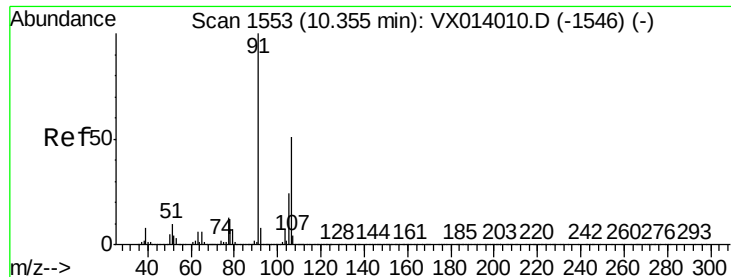
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	42.2	63.4
119	31.2	25.1	37.7



#67
Ethyl Benzene
Concen: 23.524 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014157.D
Acq: 20 Dec 2019 06:49

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	25.0	37.6





#68

m/p-Xylenes

Concen: 3.400 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

Instrument :

MSVOA_X

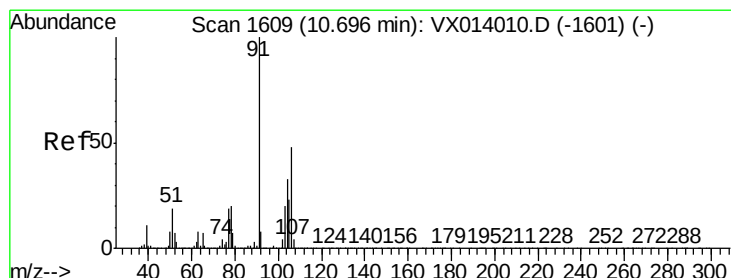
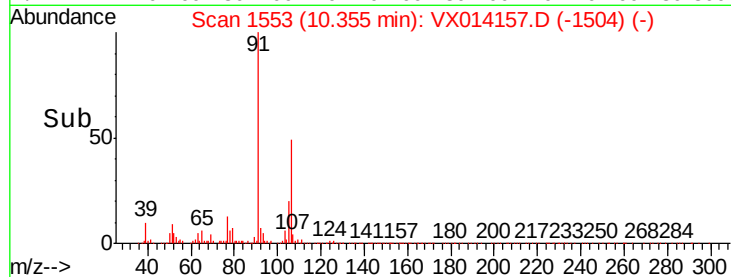
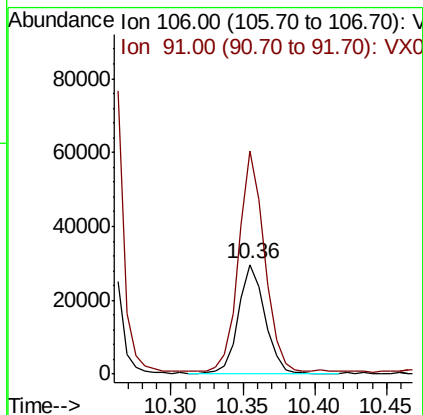
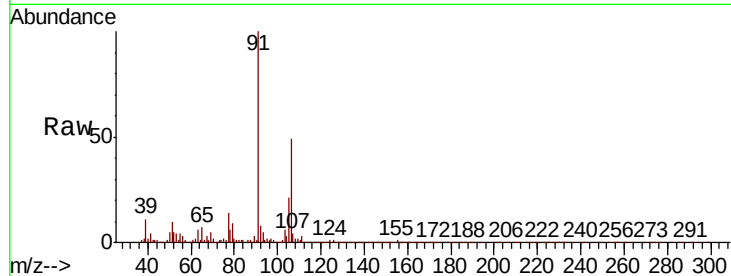
ClientSampleId :

Tot Ion:106 Resp: 37644

Ion Ratio Lower Upper

106 100

91 199.0 158.6 238.0



#69

o-Xylene

Concen: 8.576 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014157.D

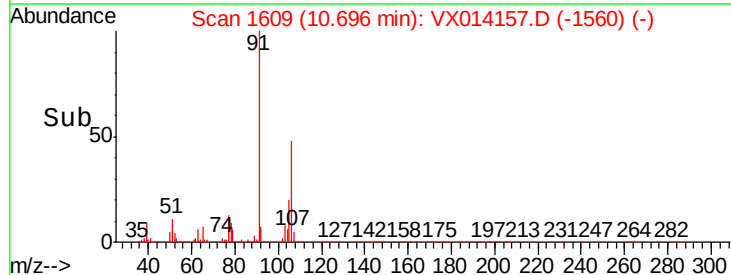
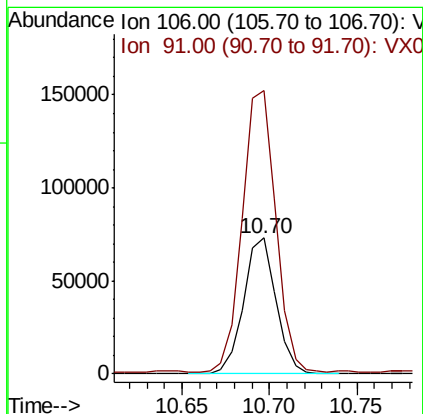
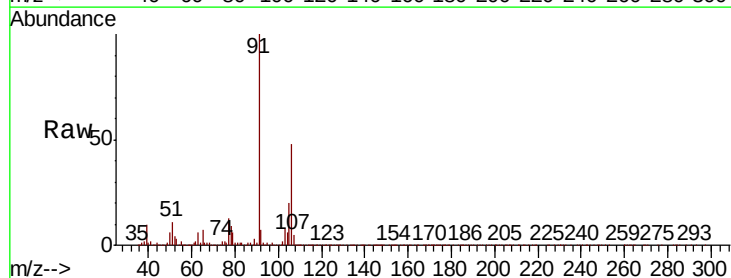
Acq: 20 Dec 2019 06:49

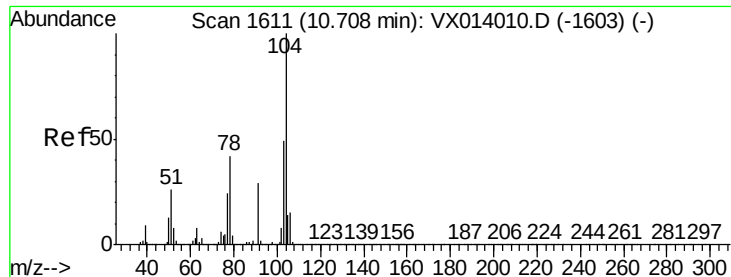
Tgt Ion:106 Resp: 93120

Ion Ratio Lower Upper

106 100

91 216.1 104.2 312.6

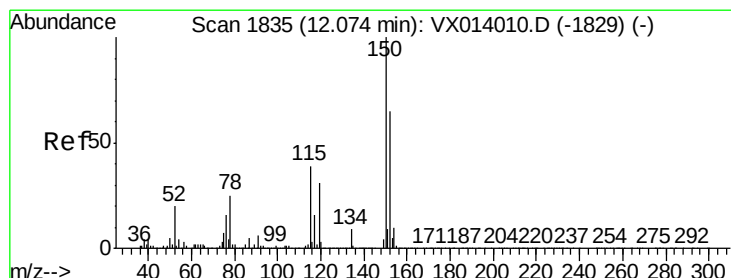
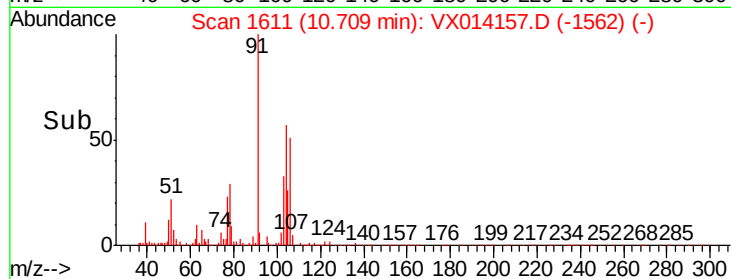
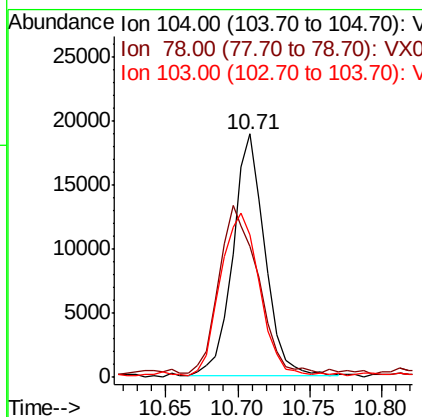
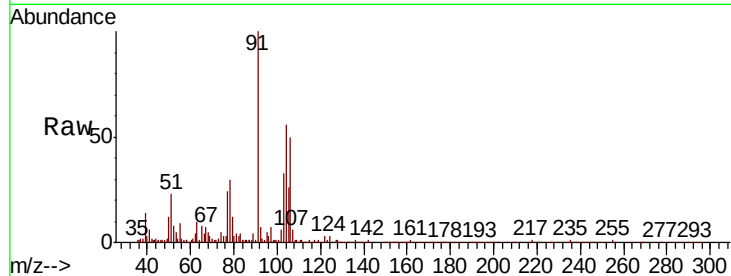




#70
Stvrene
Concen: 1.593 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014157.D
Acq: 20 Dec 2019 06:49

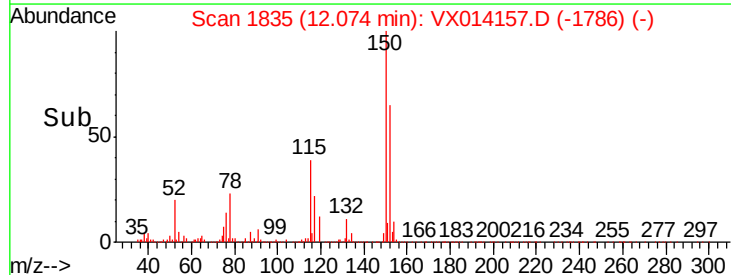
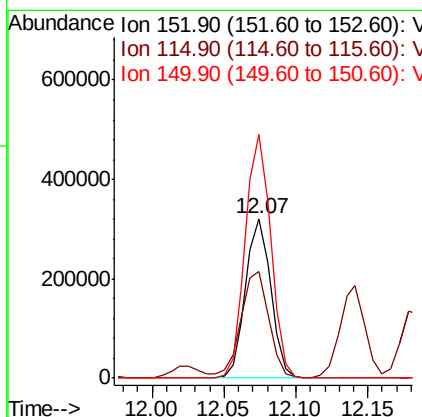
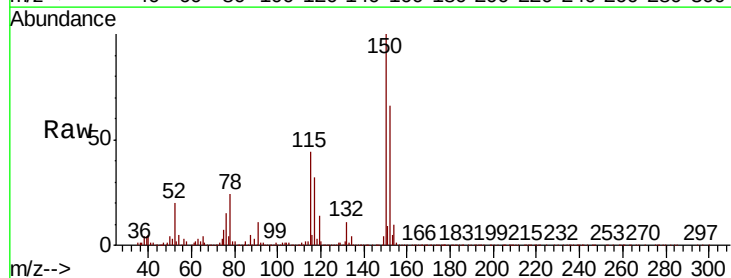
Instrument :
MSVOA_X
ClientSampleId :

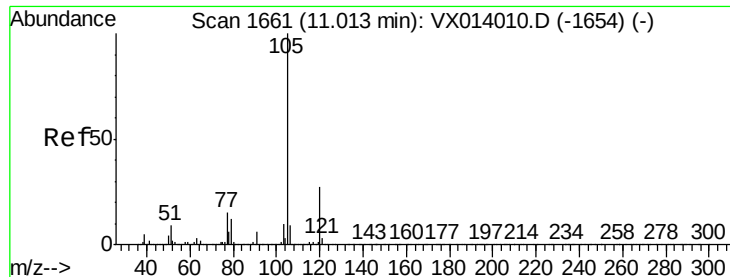
Tot Ion	Ratio	Lower	Upper
104	100		
78	83.9	38.5	57.7#
103	81.5	42.9	64.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014157.D
Acq: 20 Dec 2019 06:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	72.9	38.3	114.9
150	153.8	0.0	345.4





#73

Isopropylbenzene

Concen: 94.823 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

Instrument :

MSVOA_X

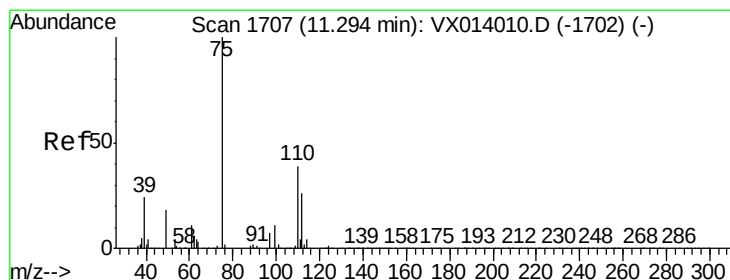
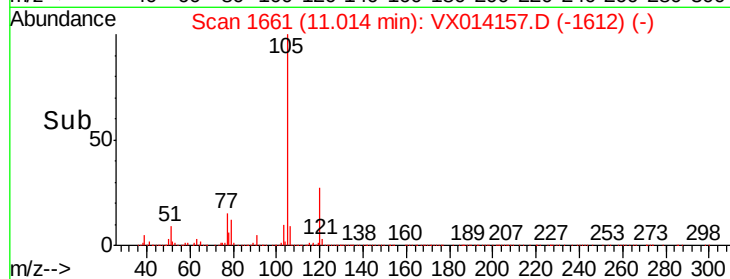
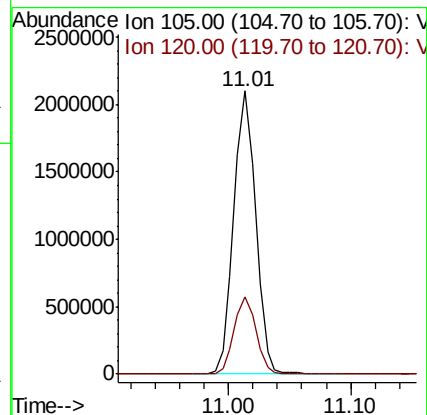
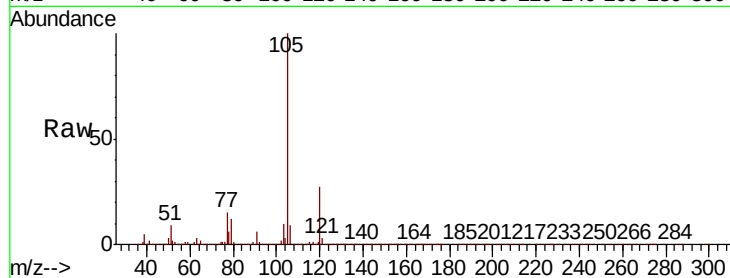
ClientSampleId :

Tot Ion:105 Resp: 2602887

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.4



#76

1,2,3-Trichloropropane

Concen: 1.991 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.06 min

Lab File: VX014157.D

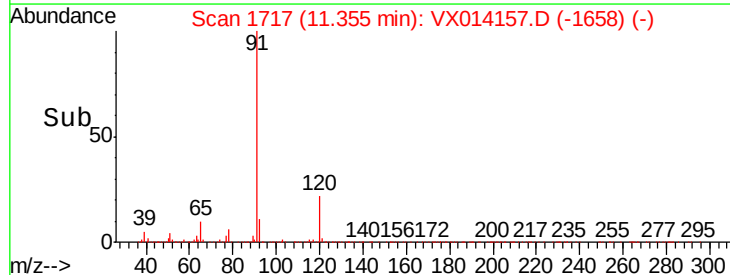
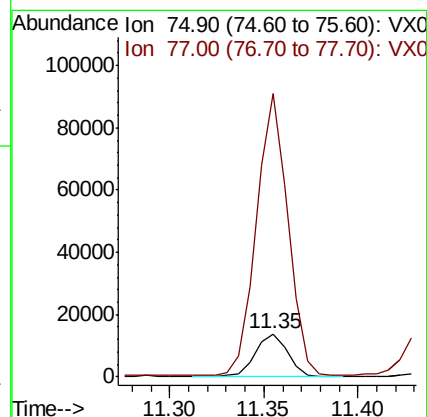
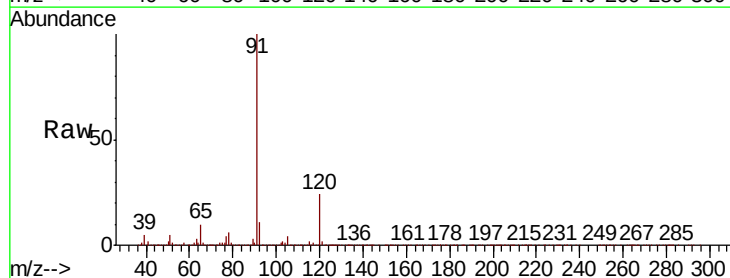
Acq: 20 Dec 2019 06:49

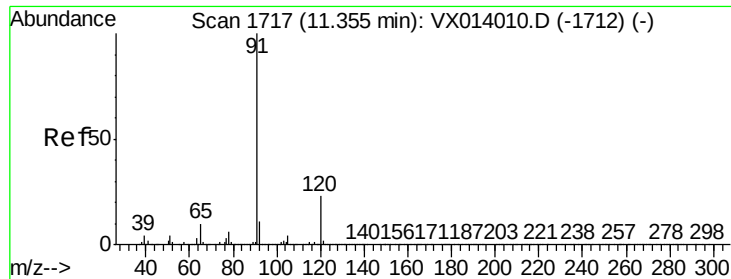
Tgt Ion: 75 Resp: 16851

Ion Ratio Lower Upper

75 100

77 617.1 19.3 57.8#





#78

n-propylbenzene

Concen: 89.411 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

Instrument :

MSVOA_X

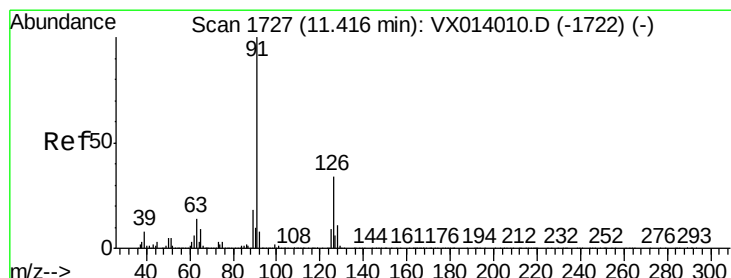
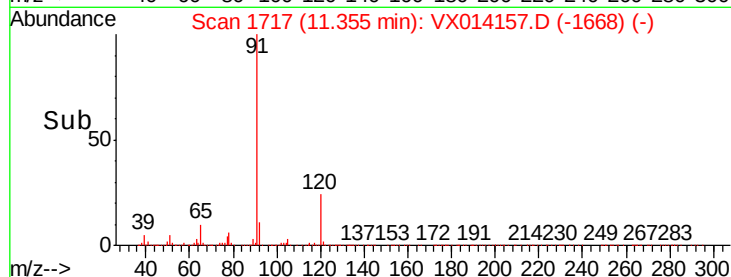
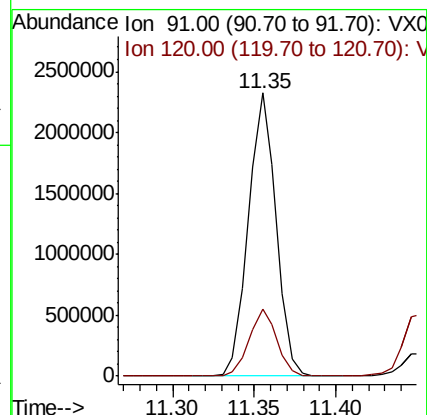
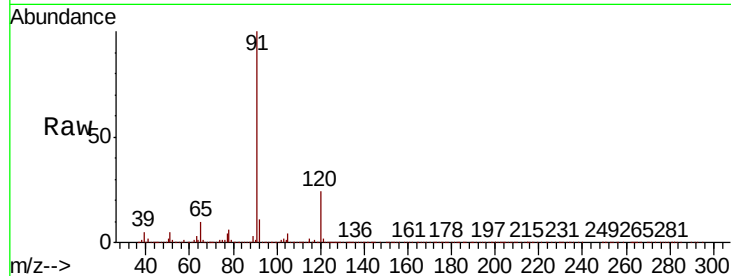
ClientSampled :

Tot Ion: 91 Resp: 2752964

Ion Ratio Lower Upper

91 100

120 23.5 11.7 35.0



#79

2-Chlorotoluene

Concen: 12.339 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. 0.04 min

Lab File: VX014157.D

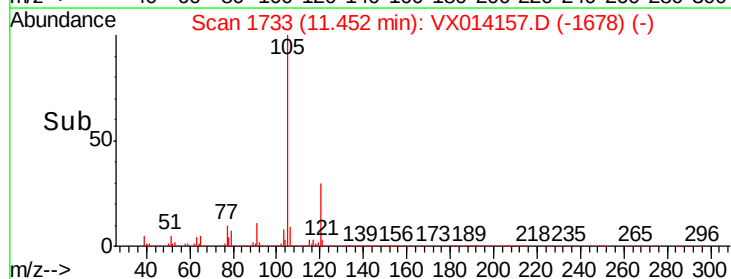
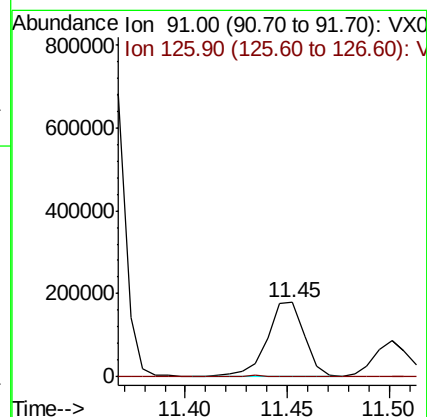
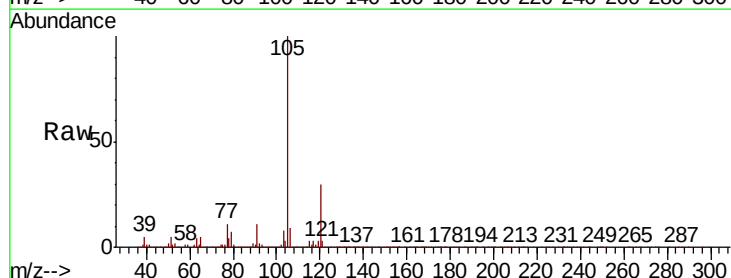
Acq: 20 Dec 2019 06:49

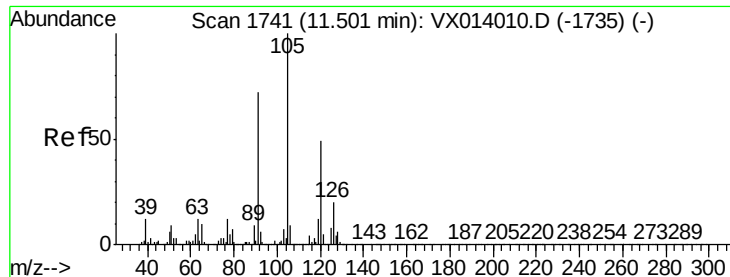
Tgt Ion: 91 Resp: 230943

Ion Ratio Lower Upper

91 100

126 1.1 17.2 51.6#

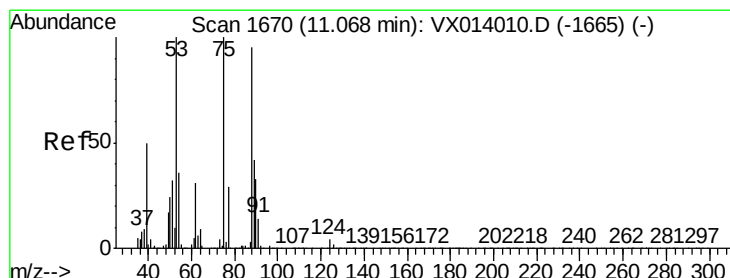
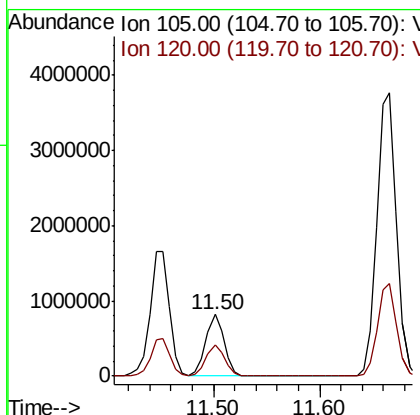
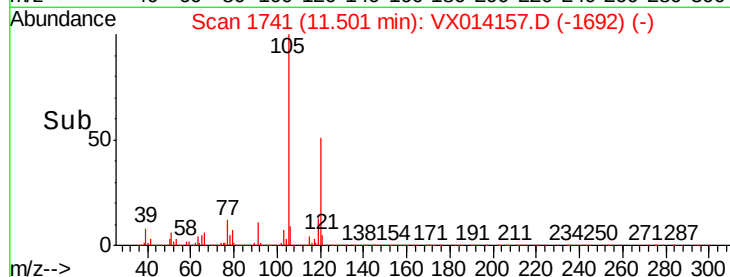
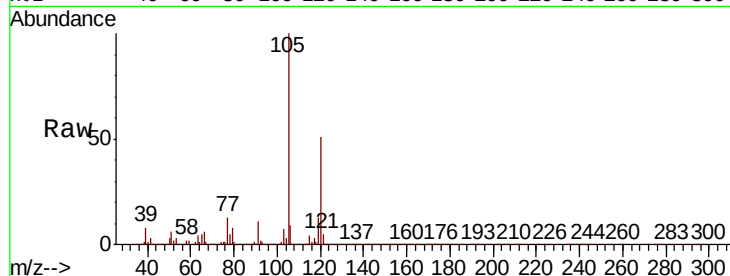




#80
 1,3,5-Trimethylbenzene
 Concen: 41.337 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014157.D
 Acq: 20 Dec 2019 06:49

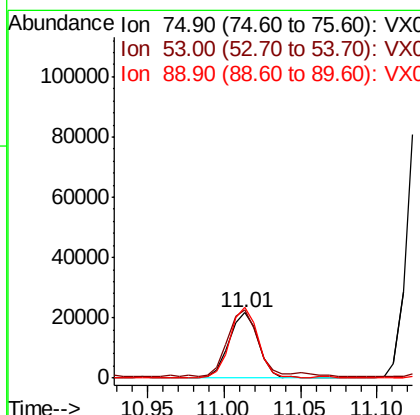
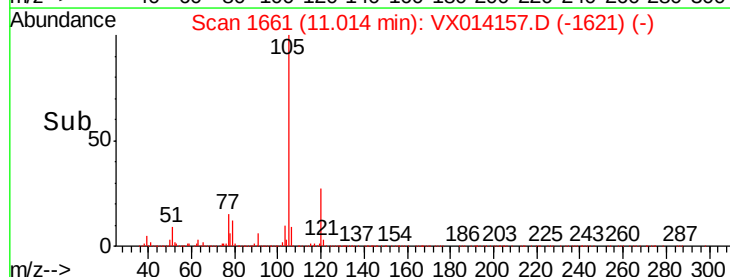
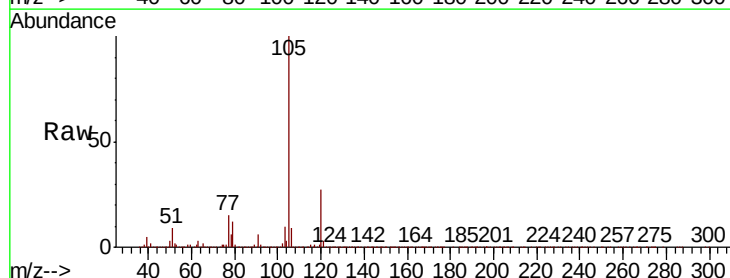
Instrument :
 MSVOA_X
 ClientSampleId :

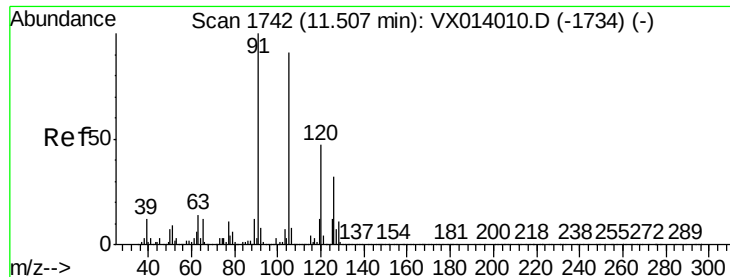
Tot Ion:105 Resp: 954975
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 9.346 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. -0.05 min
 Lab File: VX014157.D
 Acq: 20 Dec 2019 06:49

Tgt Ion: 75 Resp: 28026
 Ion Ratio Lower Upper
 75 100
 53 112.2 76.7 115.1
 89 106.1 34.6 51.8#





#82

4-Chlorotoluene

Concen: 4.914 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

Instrument :

MSVOA_X

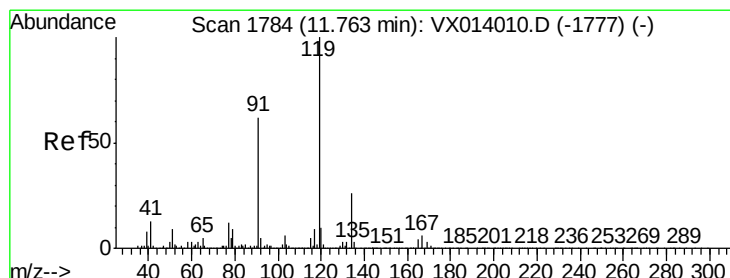
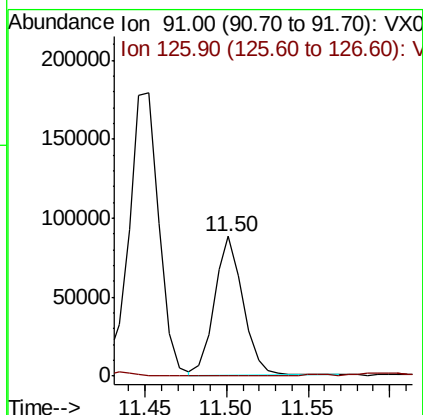
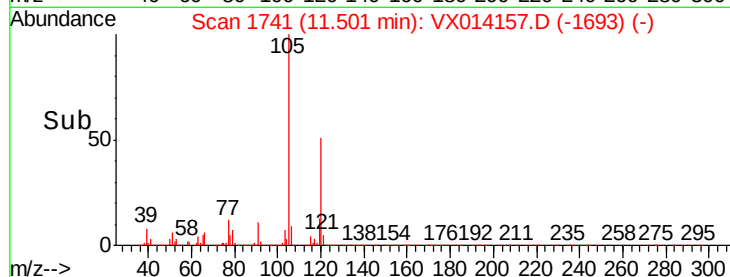
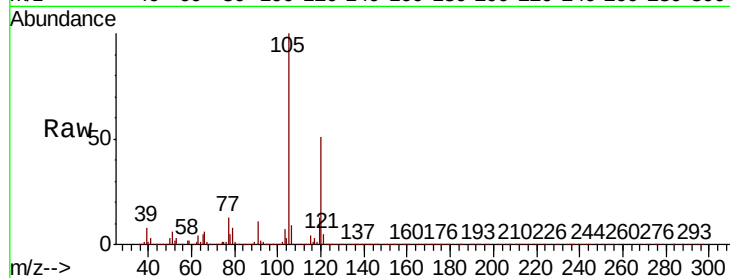
ClientSampleId :

Tot Ion: 91 Resp: 106691

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.8#



#83

tert-Butylbenzene

Concen: 91.034 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.04 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

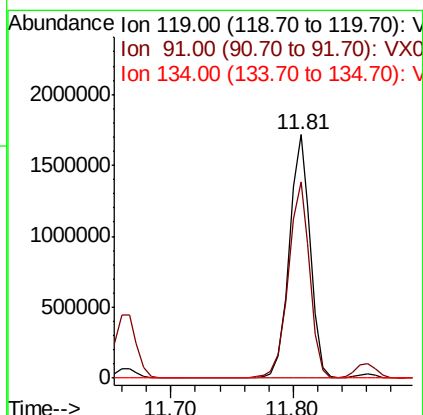
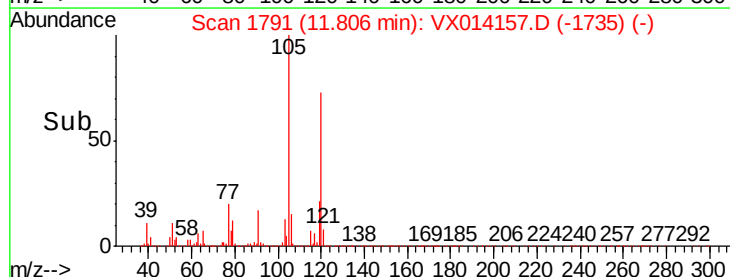
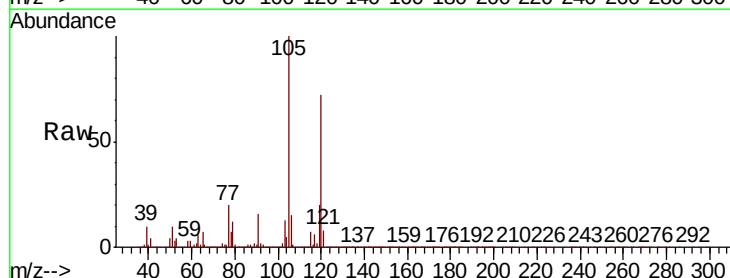
Tgt Ion: 119 Resp: 2046650

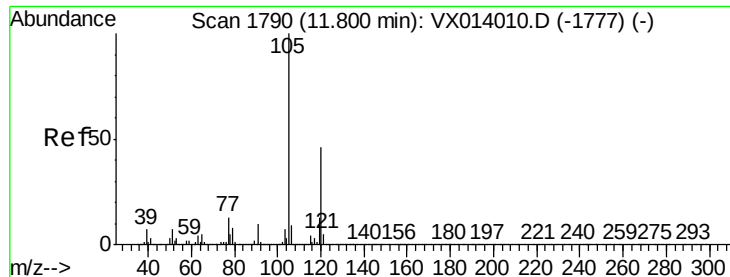
Ion Ratio Lower Upper

119 100

91 82.5 28.5 85.6

134 0.0 12.2 36.6#

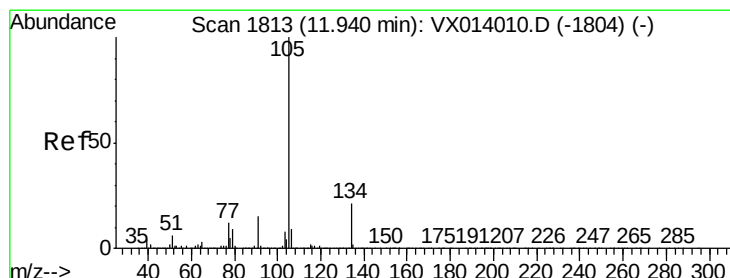
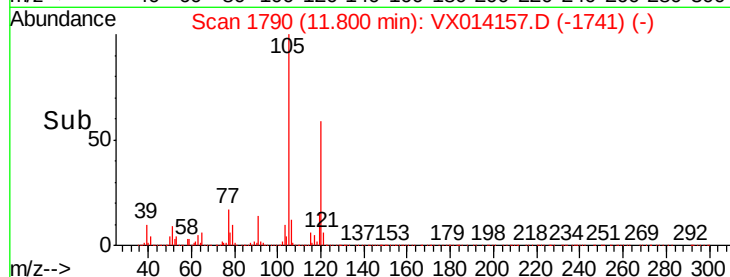
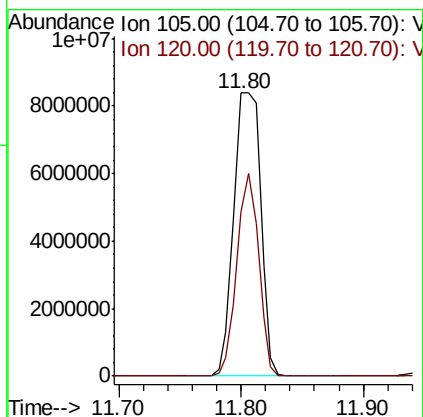
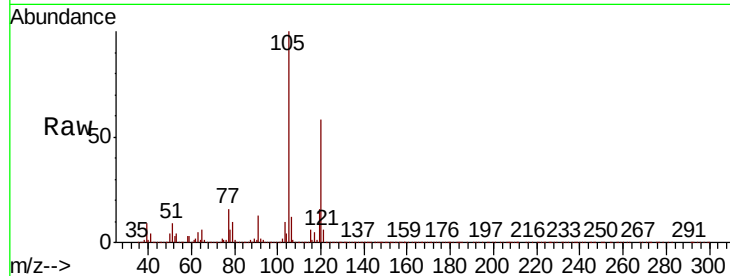




#84
 1,2,4-Trimethylbenzene
 Concen: 551.817 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014157.D
 Acq: 20 Dec 2019 06:49

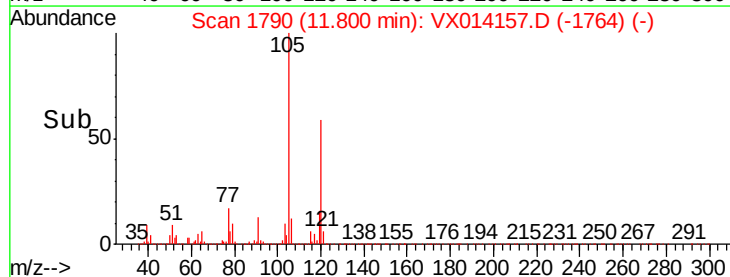
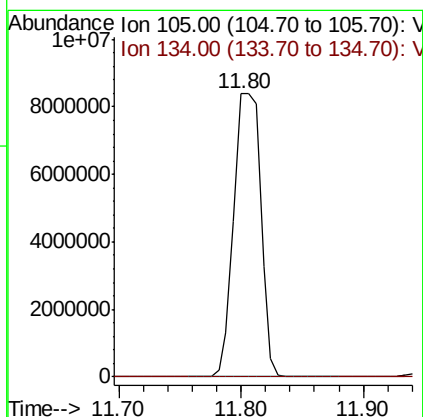
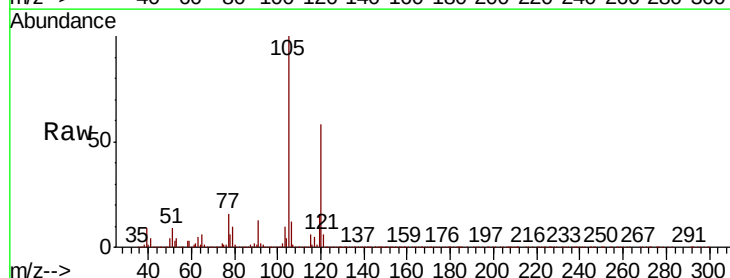
Instrument :
 MSVOA_X
 ClientSampleId :

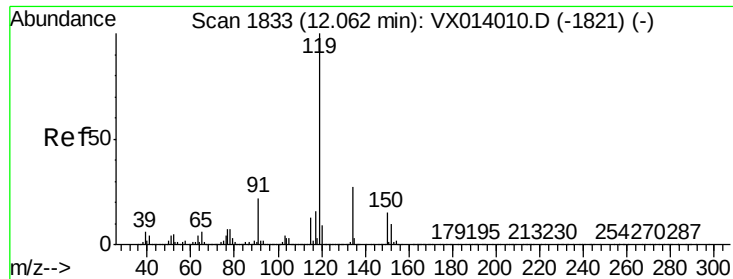
Tot Ion:105 Resp:12766510
 Ion Ratio Lower Upper
 105 100
 120 58.0 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 481.016 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.14 min
 Lab File: VX014157.D
 Acq: 20 Dec 2019 06:49

Tgt Ion:105 Resp:12766510
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

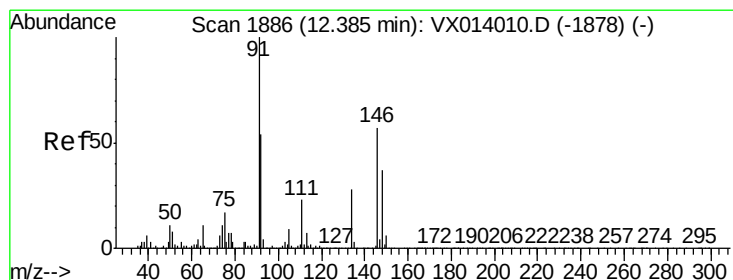
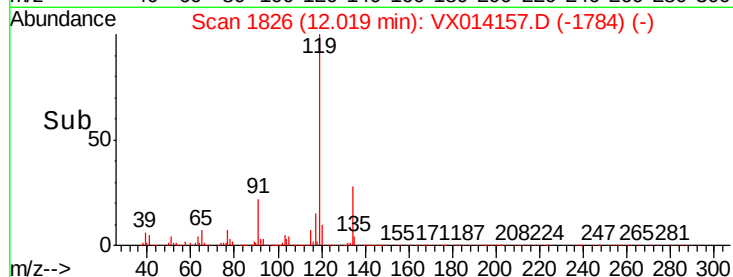
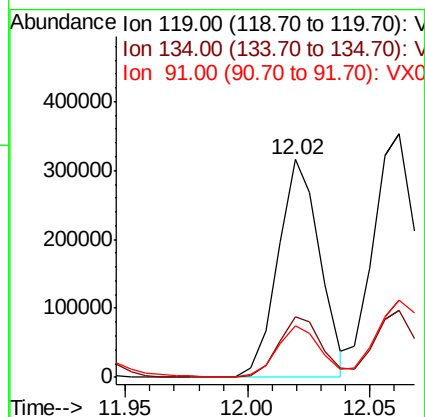
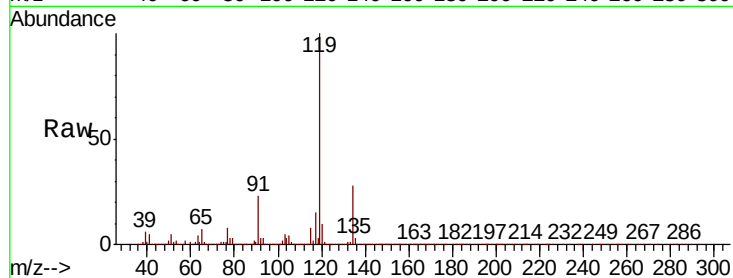




#86
p-Isopropyltoluene
Concen: 15.521 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.04 min
Lab File: VX014157.D
Acq: 20 Dec 2019 06:49

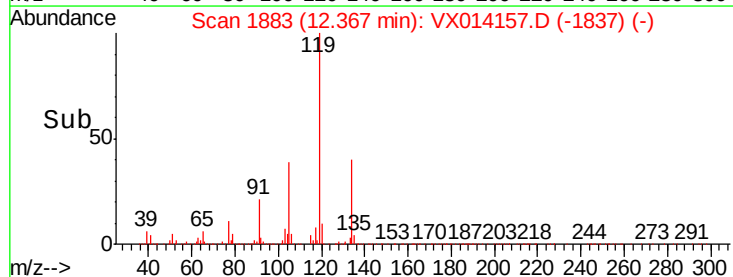
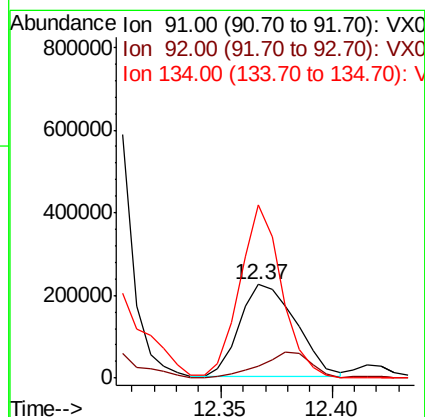
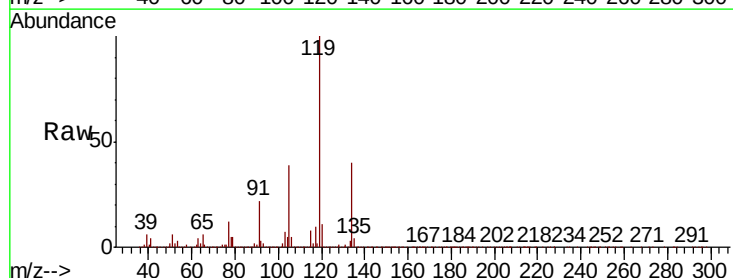
Instrument :
MSVOA_X
ClientSampleId :

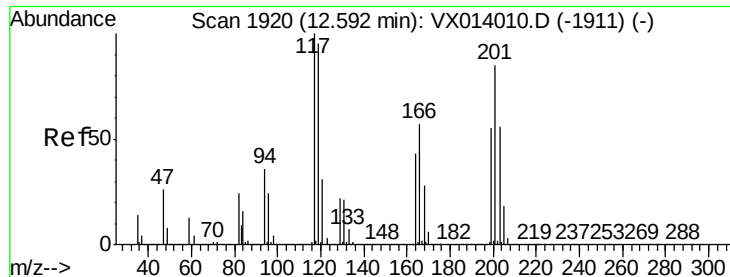
Tot Ion: 119 Resp: 376808
Ion Ratio Lower Upper
119 100
134 29.5 13.4 40.1
91 24.2 11.4 34.1



#89
n-Butylbenzene
Concen: 19.021 ug/l
RT: 12.37 min Scan# 1883
Delta R.T. -0.02 min
Lab File: VX014157.D
Acq: 20 Dec 2019 06:49

Tgt Ion: 91 Resp: 394032
Ion Ratio Lower Upper
91 100
92 24.9 27.2 81.6#
134 139.5 13.4 40.1#





#90

Hexachloroethane

Concen: 66.732 ug/l

RT: 12.60 min Scan# 1922

Delta R.T. 0.01 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

Instrument :

MSVOA_X

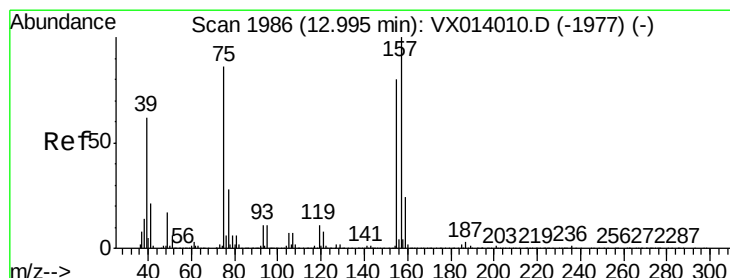
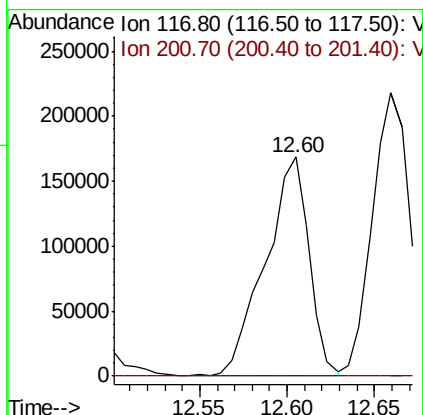
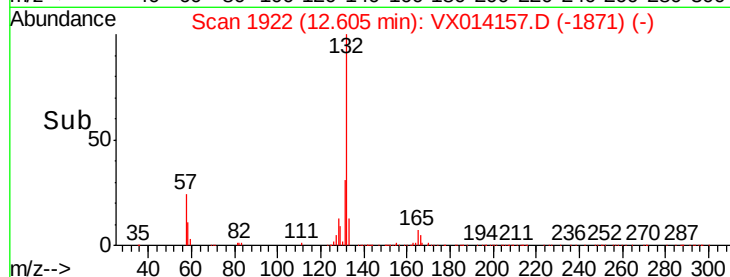
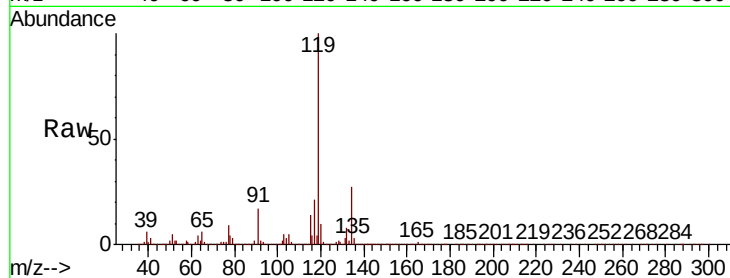
ClientSampleId :

Tot Ion:117 Resp: 291000

Ion Ratio Lower Upper

117 100

201 0.0 43.1 129.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.008 ug/l

RT: 12.97 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VX014157.D

Acq: 20 Dec 2019 06:49

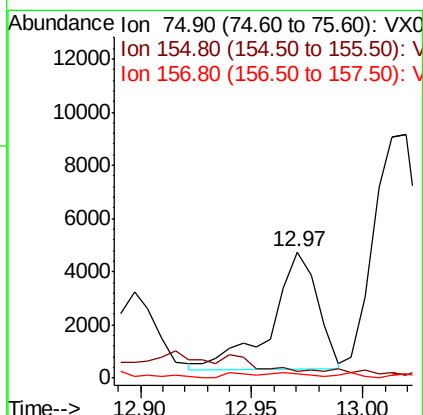
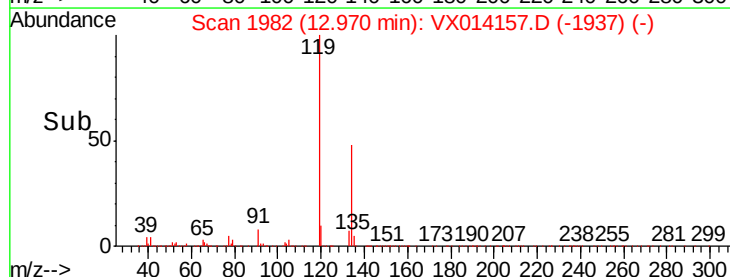
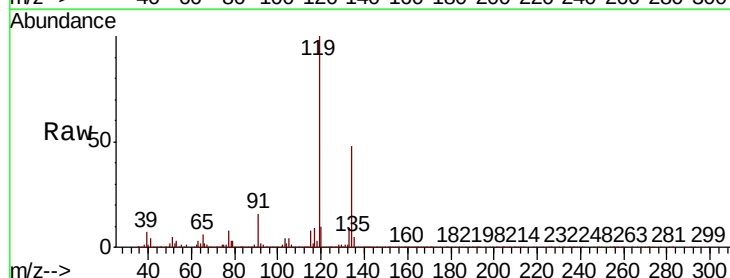
Tgt Ion: 75 Resp: 6334

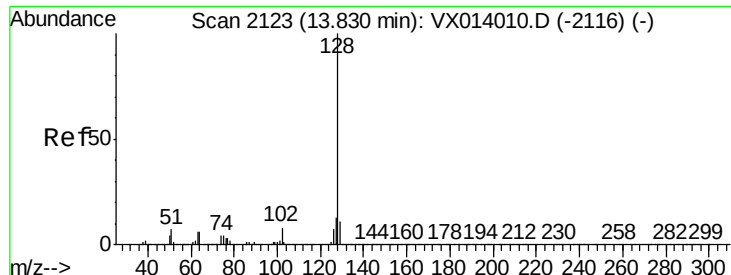
Ion Ratio Lower Upper

75 100

155 0.0 46.9 140.6#

157 2.7 60.8 182.4#





#95
Naphthalene
Concen: 22.709 ug/l
RT: 13.56 min Scan# 2078
Delta R.T. -0.27 min
Lab File: VX014157.D
Acq: 20 Dec 2019 06:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	172.9	8.7	13.1#

