

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020620\
 Data File : VX014848.D
 Acq On : 06 Feb 2020 15:24
 Operator : JC/SP
 Sample : L1363-01
 Misc : 6.80u/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 07 00:43:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	452344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	692547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	640955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326732	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	250748	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
35) Dibromofluoromethane	5.49	113	198608	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	
50) Toluene-d8	8.71	98	821286	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.14	95	305348	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	261	0.574	ug/l #	42
5) Bromomethane	1.63	94	1813	0.403	ug/l	98
6) Chloroethane	1.75	64	1925	Below Cal	#	56
10) Methyl Iodide	2.50	142	1380	0.233	ug/l #	51
11) Tert butyl alcohol	3.02	59	5119	4.316	ug/l #	93
13) Acrolein	2.29	56	316	0.338	ug/l #	14
16) Acetone	2.47	43	7571	2.764	ug/l	99
18) Methyl Acetate	2.78	43	23871	2.889	ug/l #	90
20) Methylene Chloride	2.85	84	1803	0.337	ug/l #	59
25) 2-Butanone	4.72	43	8944	2.156	ug/l #	83
29) Tetrahydrofuran	5.11	42	710	0.288	ug/l #	70
36) 1,1-Dichloropropene	5.65	75	30127	4.682	ug/l #	47
37) Ethyl Acetate	4.72	43	8944	1.214	ug/l #	82
38) Carbon Tetrachloride	5.65	117	38423	6.252	ug/l #	16
39) Methylcyclohexane	7.45	83	3227	0.400	ug/l #	72
40) Benzene	6.14	78	5597	0.281	ug/l	100
41) Methacrylonitrile	5.02	41	826	Below Cal	#	32
43) Isopropyl Acetate	6.45	43	4825	0.400	ug/l #	80
49) 1,4-Dioxane	7.74	88	285	2.331	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	1541	0.202	ug/l #	81
52) Toluene	8.78	92	12494	1.022	ug/l	99
56) Ethyl methacrylate	9.16	69	1661	1.973	ug/l #	1
59) 2-Hexanone	9.44	43	13467	2.278	ug/l #	29
67) Ethyl Benzene	10.25	91	63752	2.723	ug/l	97
68) m/p-Xylenes	10.36	106	112611	12.698	ug/l	98
69) o-Xylene	10.70	106	80169	9.364	ug/l	100
70) Styrene	10.70	104	4690	0.327	ug/l #	1
73) Isopropylbenzene	11.01	105	49166	2.140	ug/l	95
74) N-amyl acetate	10.90	43	58821	5.843	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	25576	3.118	ug/l #	26
76) 1,2,3-Trichloropropane	11.43	75	6754	0.888	ug/l #	1
78) n-propylbenzene	11.35	91	209292	8.026	ug/l	98
79) 2-Chlorotoluene	11.43	91	99109	6.281	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.50	105	394094	20.669	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

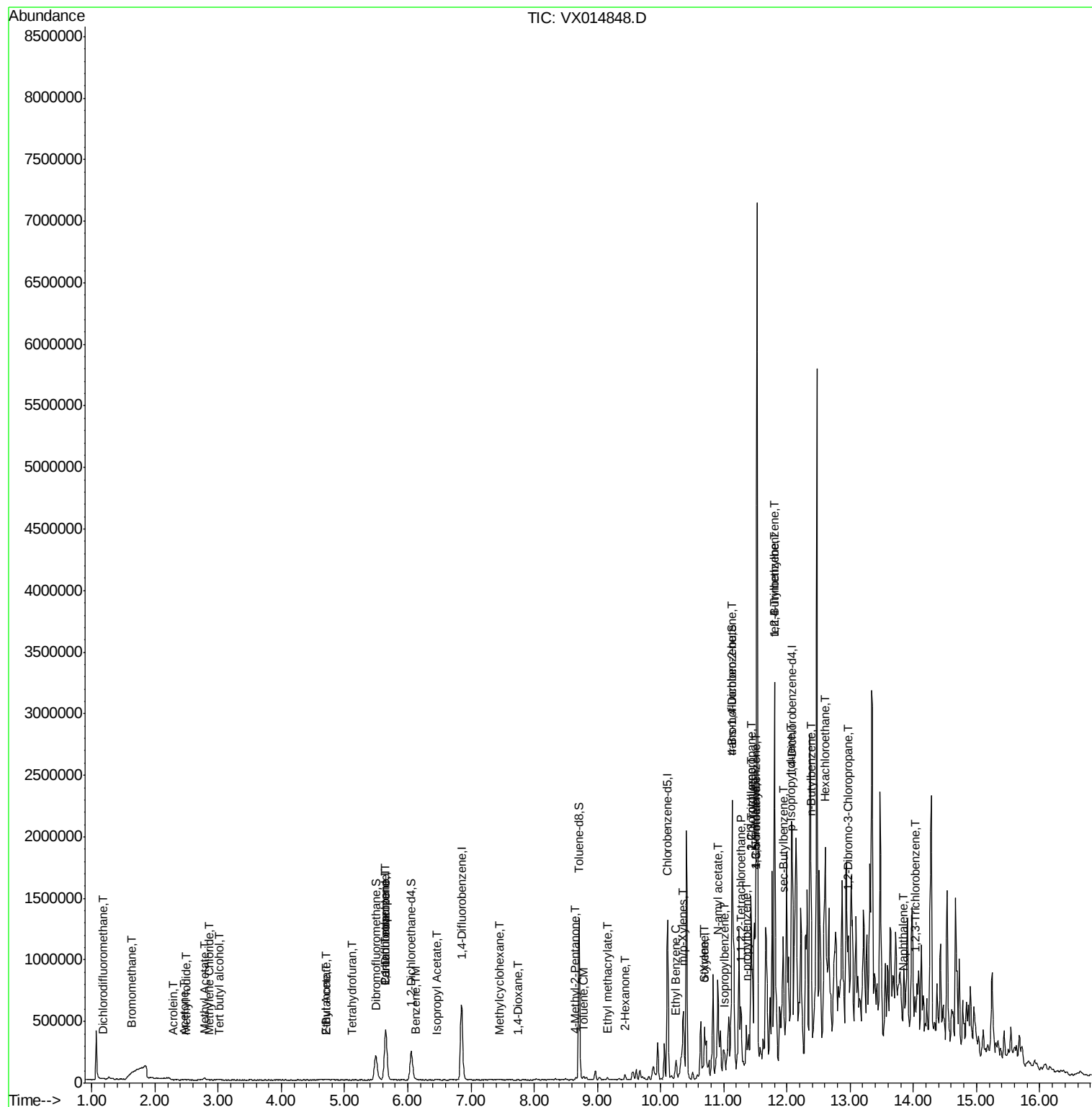
81) trans-1,4-Dichloro-2-buten	11.14	75	150811	56.459	ug/l #	16
82) 4-Chlorotoluene	11.50	91	41951	2.335	ug/l #	46
83) tert-Butylbenzene	11.81	119	152626	8.518	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.81	105	1226786	64.145	ug/l	100
85) sec-Butylbenzene	11.94	105	118938	5.419	ug/l #	76
86) p-Isopropyltoluene	12.06	119	101308	4.994	ug/l	100
89) n-Butylbenzene	12.39	91	301112	17.044	ug/l #	44
90) Hexachloroethane	12.60	117	29674	7.876	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.97	75	2677	1.519	ug/l #	1
95) Naphthalene	13.83	128	76932	4.228	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.03	180	5238	0.729	ug/l #	1

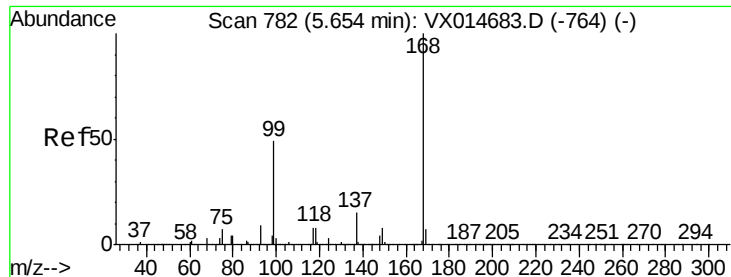
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020620\
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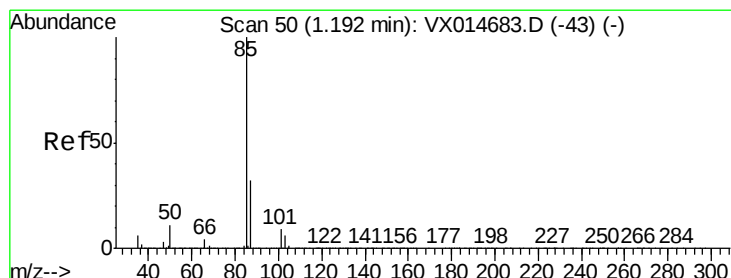
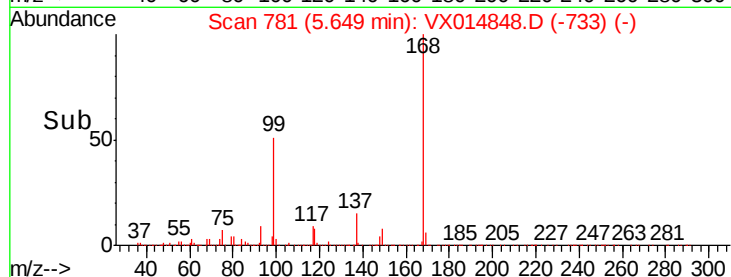
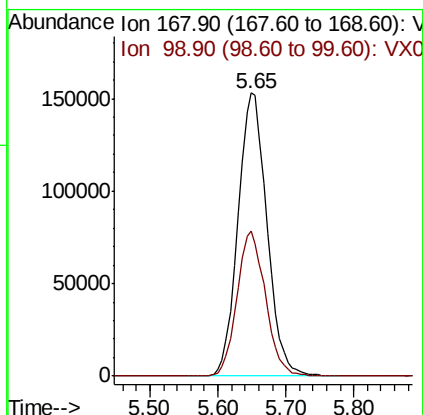
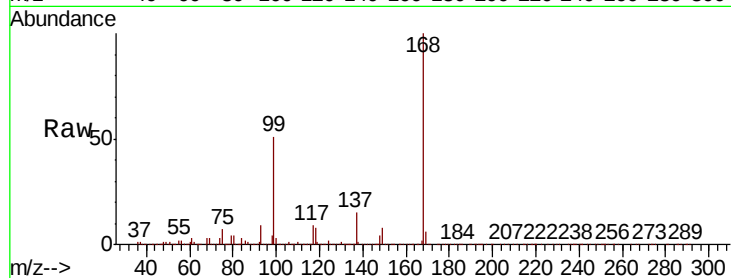


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014848.D
 Acq: 06 Feb 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleId :

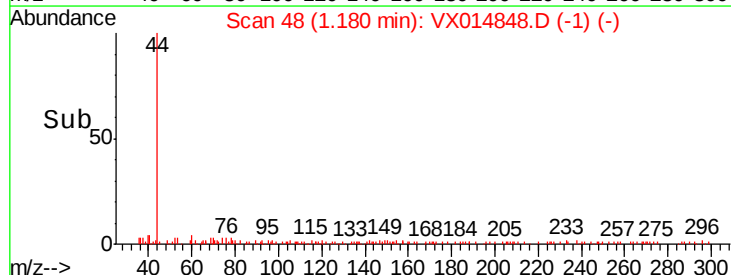
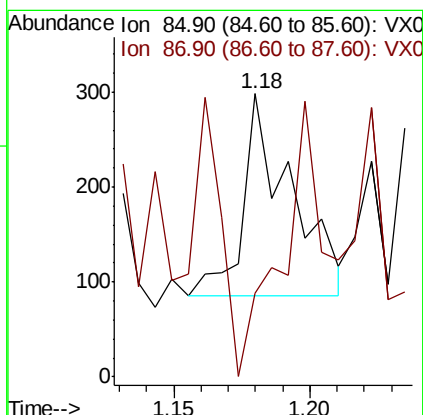
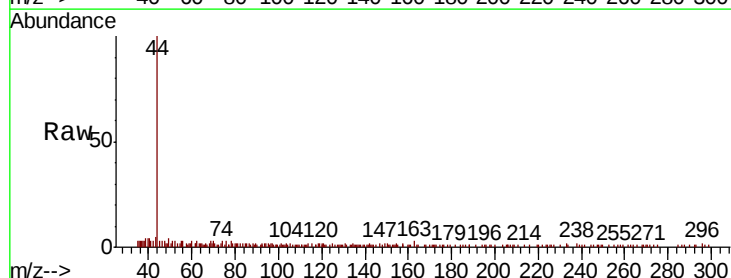
Tot Ion:168 Resp: 452344
 Ion Ratio Lower Upper
 168 100
 99 51.0 39.8 59.6

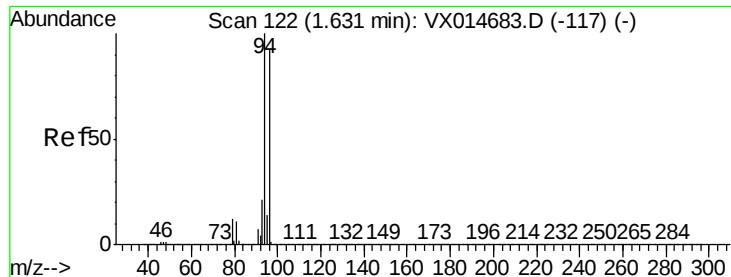


#2

Dichlorodifluoromethane
 Concen: 0.574 ug/l
 RT: 1.18 min Scan# 48
 Delta R.T. -0.01 min
 Lab File: VX014848.D
 Acq: 06 Feb 2020 15:24

Tgt Ion: 85 Resp: 261
 Ion Ratio Lower Upper
 85 100
 87 0.0 16.2 48.5#





#5

Bromomethane

Concen: 0.403 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

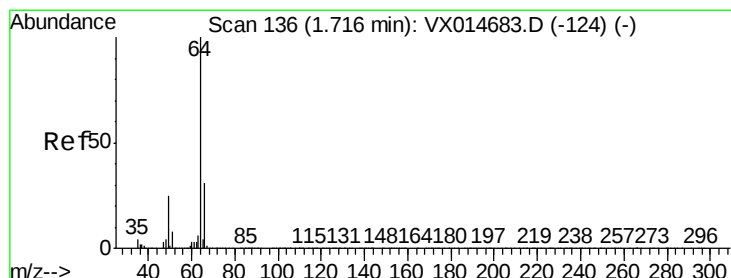
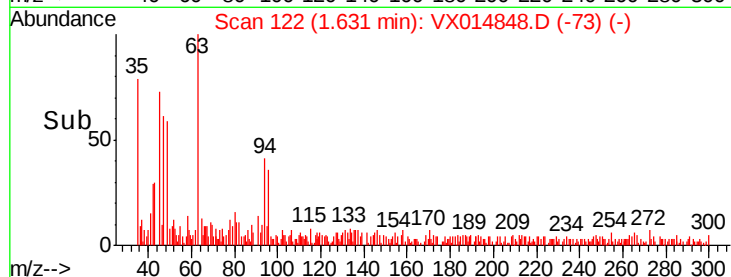
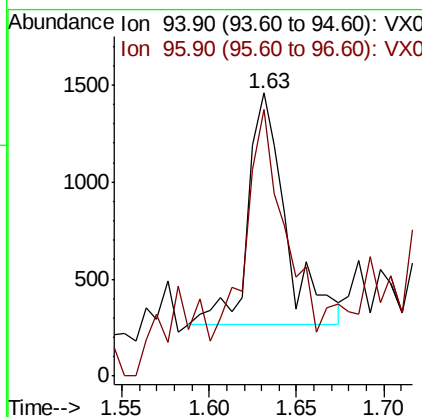
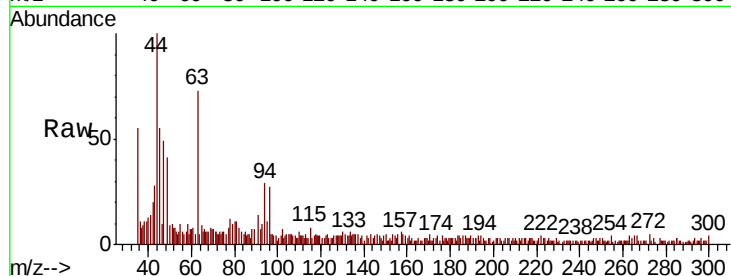
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 1813

Ion Ratio Lower Upper

94 100

96 95.2 74.7 112.1



#6

Chloroethane

Concen: Below Cal

RT: 1.75 min Scan# 142

Delta R.T. 0.04 min

Lab File: VX014848.D

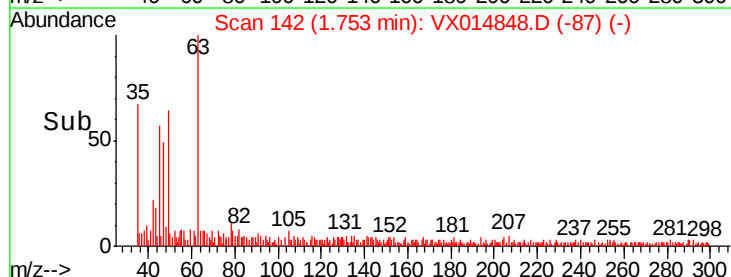
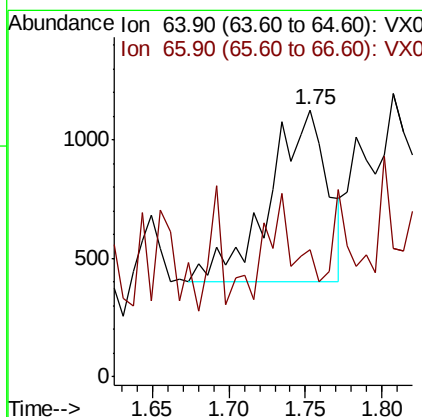
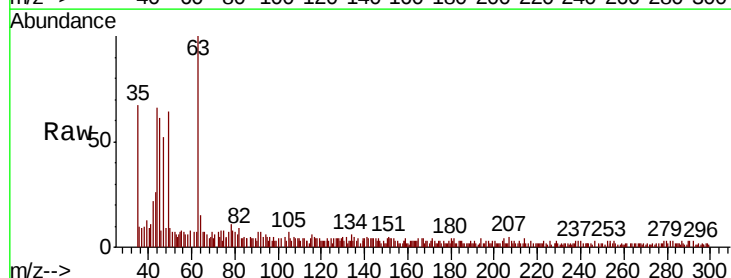
Acq: 06 Feb 2020 15:24

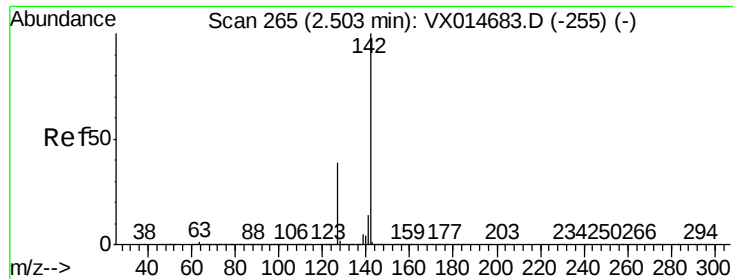
Tgt Ion: 64 Resp: 1925

Ion Ratio Lower Upper

64 100

66 7.0 25.2 37.8#





#10

Methvl Iodide

Concen: 0.233 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

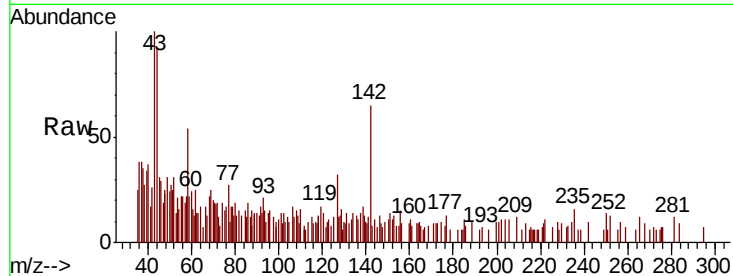
Tot Ion:142 Resp: 1380

Ion Ratio Lower Upper

142 100

127 0.0 31.1 46.7#

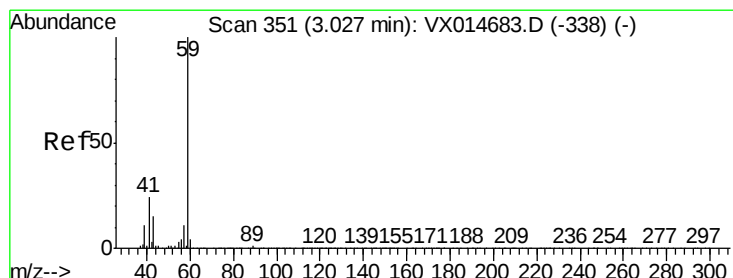
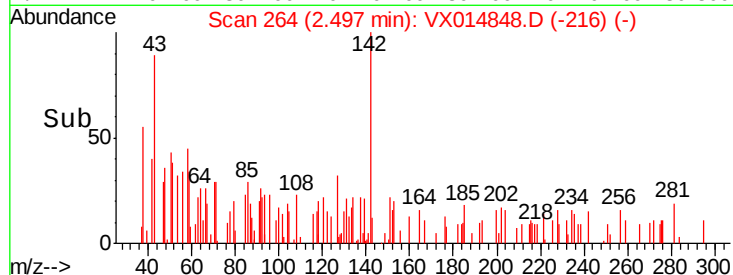
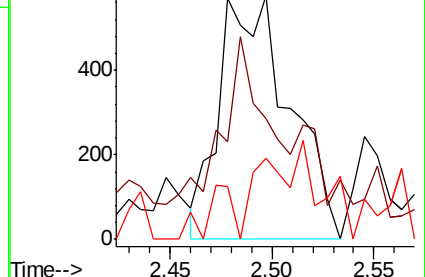
141 16.8 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 4.316 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX014848.D

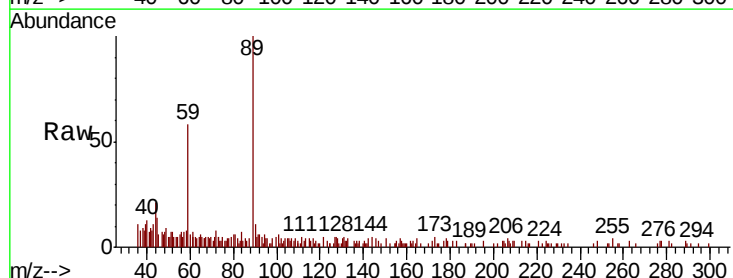
Acq: 06 Feb 2020 15:24

Tgt Ion: 59 Resp: 5119

Ion Ratio Lower Upper

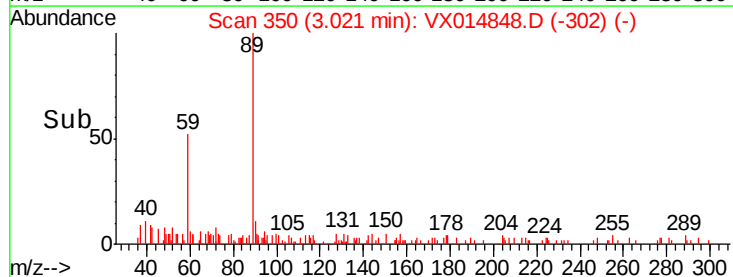
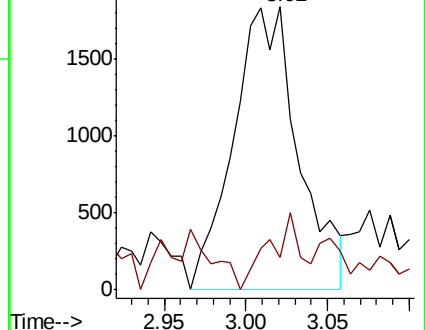
59 100

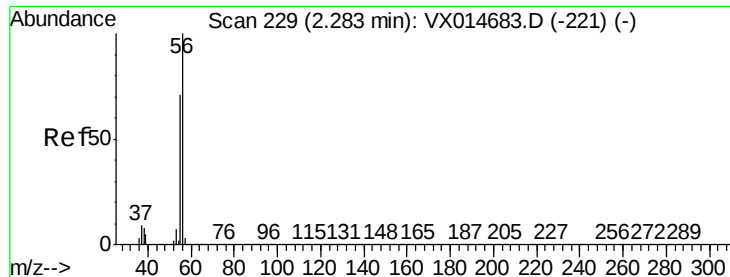
57 13.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.338 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

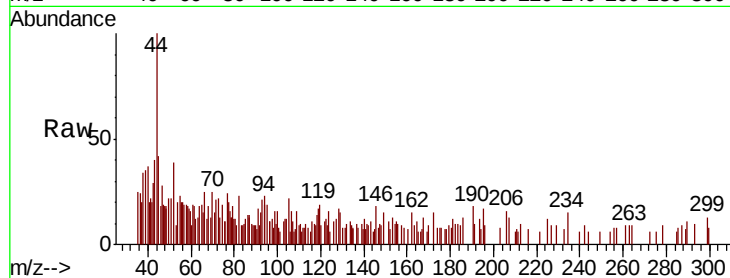
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 316

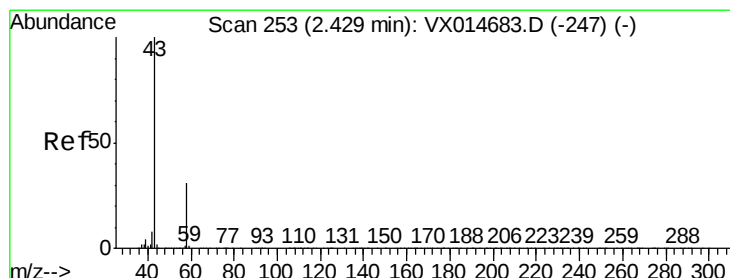
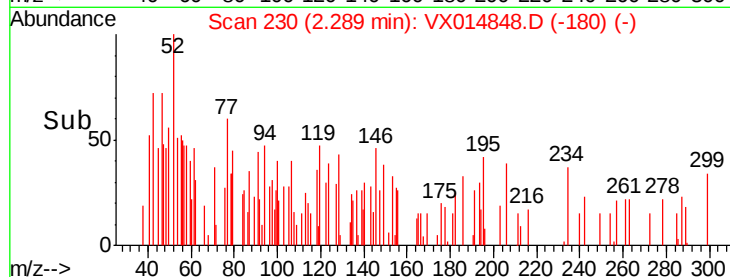
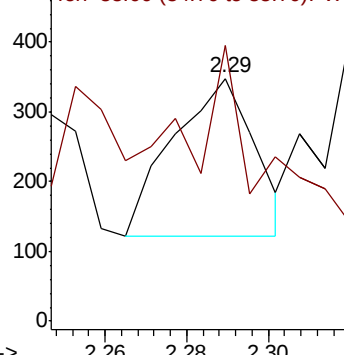
Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 2.764 ug/l

RT: 2.47 min Scan# 259

Delta R.T. 0.04 min

Lab File: VX014848.D

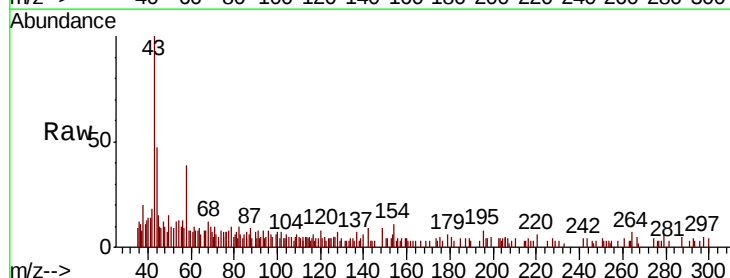
Acq: 06 Feb 2020 15:24

Tgt Ion: 43 Resp: 7571

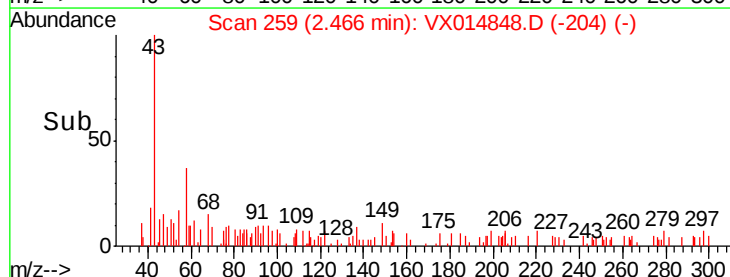
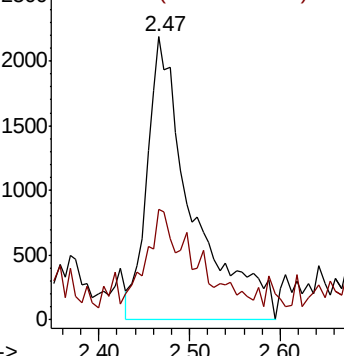
Ion Ratio Lower Upper

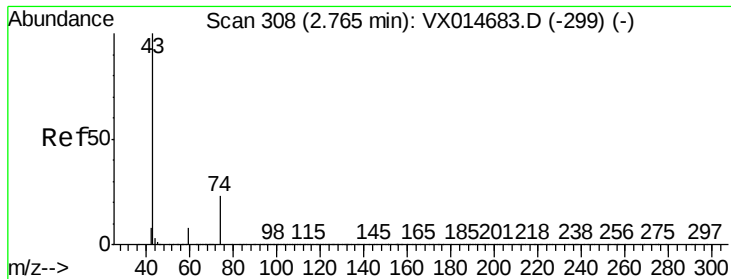
43 100

58 30.0 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

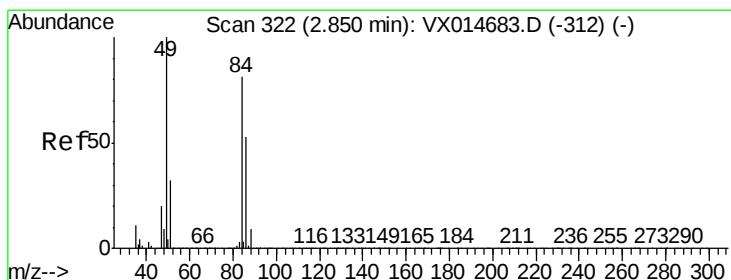
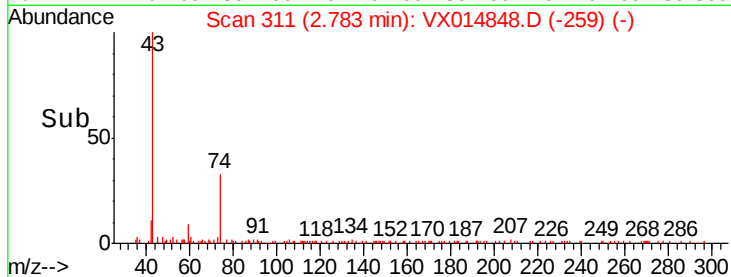
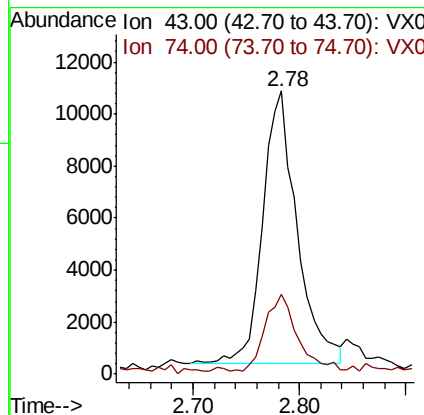
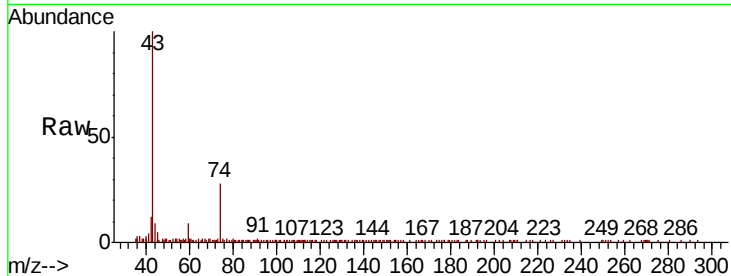




#18
Methyl Acetate
Concen: 2.889 ug/l
RT: 2.78 min Scan# 311
Delta R.T. 0.02 min
Lab File: VX014848.D
Acq: 06 Feb 2020 15:24

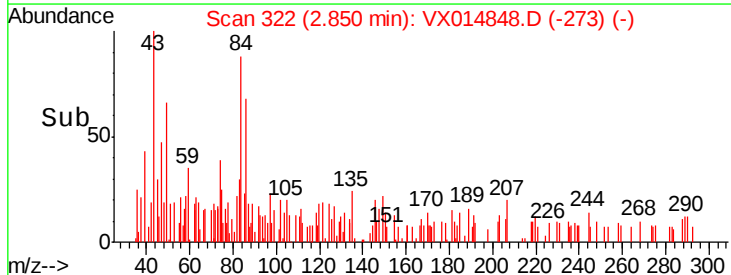
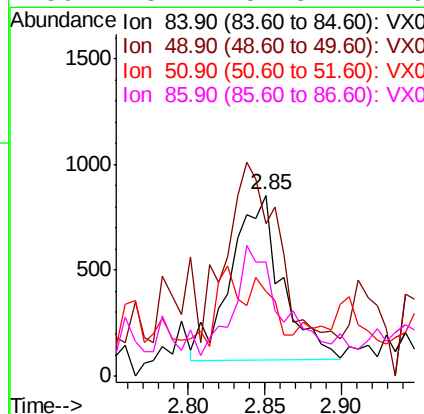
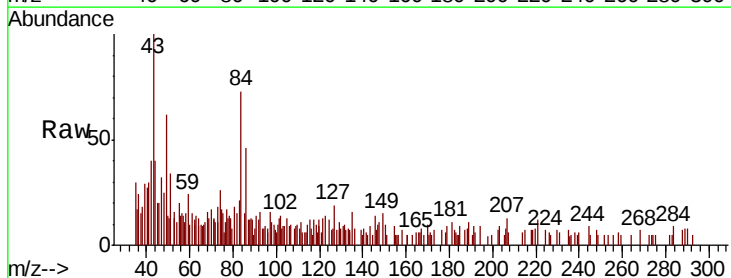
Instrument :
MSVOA_X
ClientSampleId :

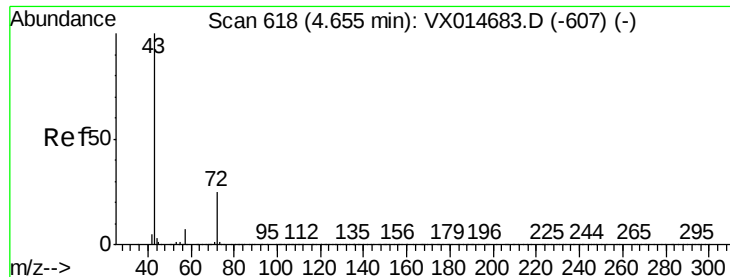
Tot Ion: 43 Resp: 23871
Ion Ratio Lower Upper
43 100
74 28.1 18.5 27.7#



#20
Methylene Chloride
Concen: 0.337 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014848.D
Acq: 06 Feb 2020 15:24

Tgt Ion: 84 Resp: 1803
Ion Ratio Lower Upper
84 100
49 71.1 98.2 147.4#
51 29.8 31.3 46.9#
86 28.1 51.8 77.6#





#25

2-Butanone

Concen: 2.156 ug/l

RT: 4.72 min Scan# 629

Delta R.T. 0.07 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

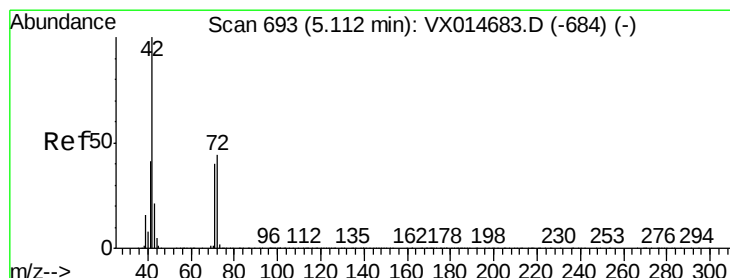
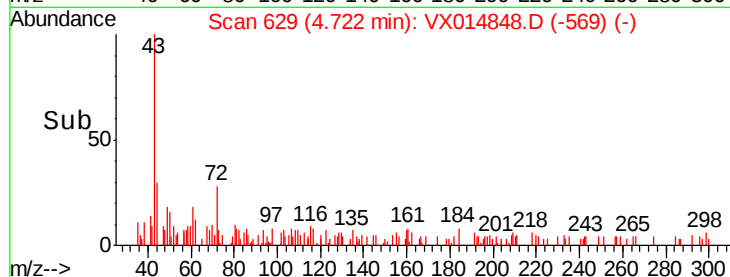
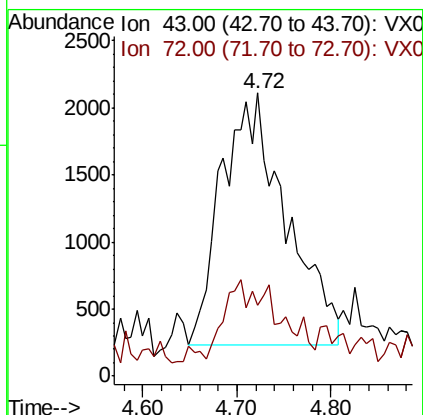
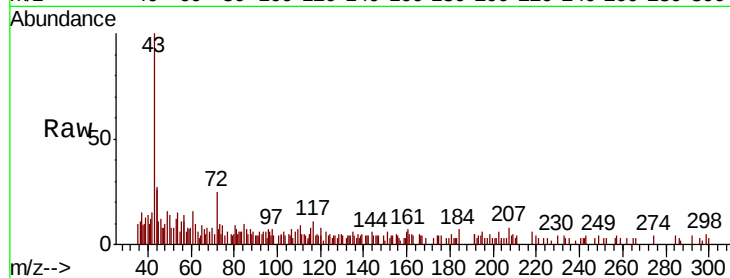
ClientSampled :

Tot Ion: 43 Resp: 8944

Ion Ratio Lower Upper

43 100

72 16.4 19.9 29.9#



#29

Tetrahydrofuran

Concen: 0.288 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

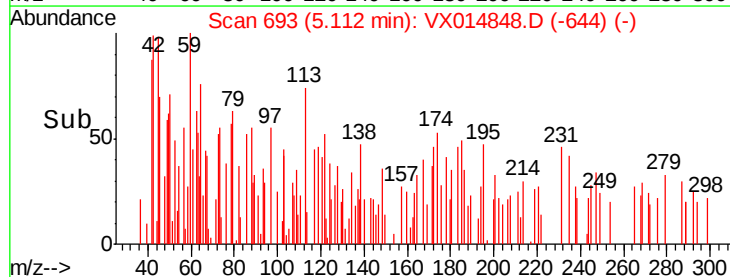
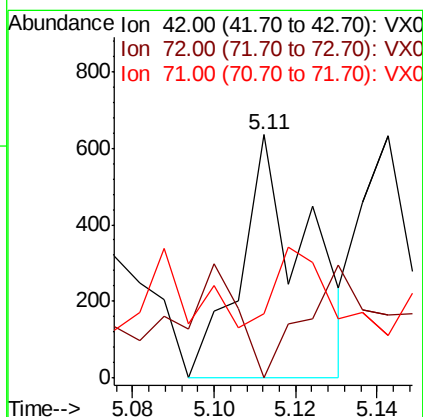
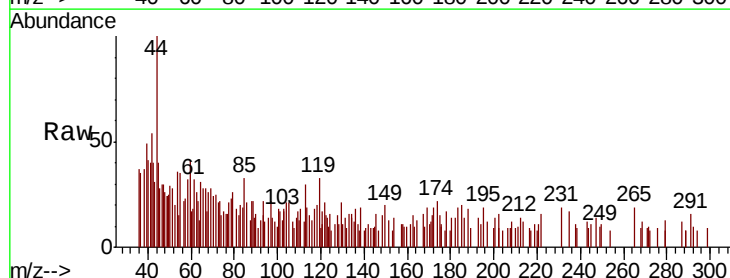
Tgt Ion: 42 Resp: 710

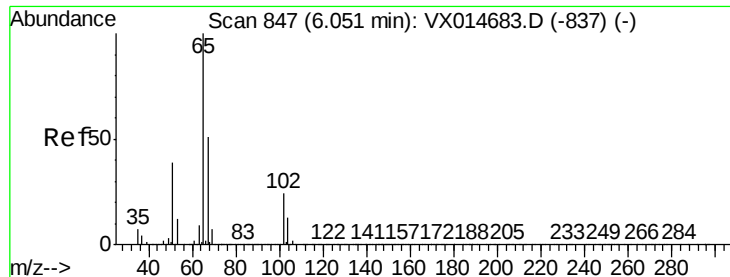
Ion Ratio Lower Upper

42 100

72 48.0 35.3 52.9

71 75.9 33.1 49.7#





#33

1,2-Dichloroethane-d4

Concen: 47.469 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

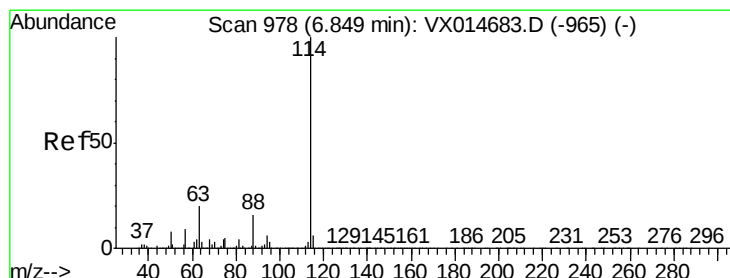
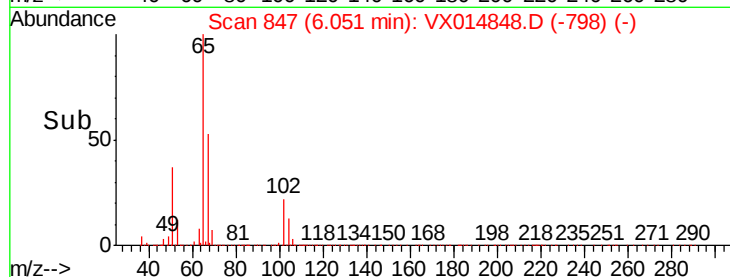
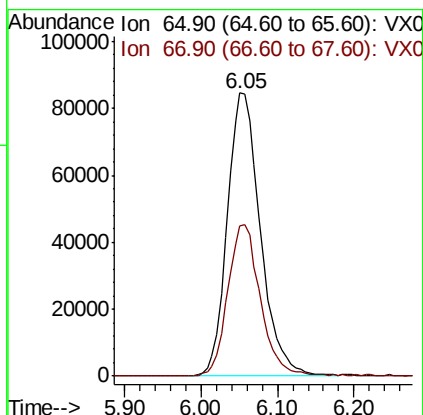
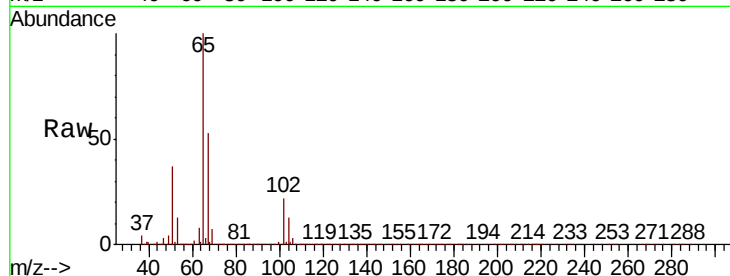
ClientSampleId :

Tot Ion: 65 Resp: 250748

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

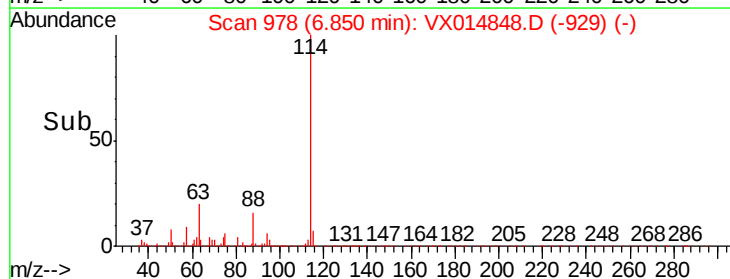
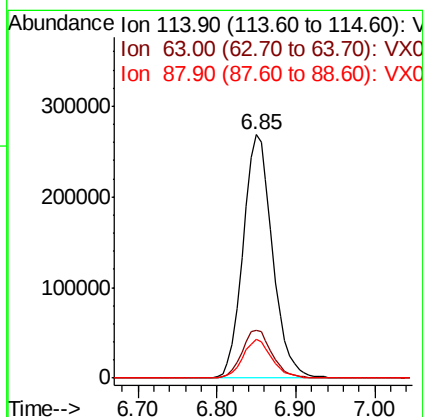
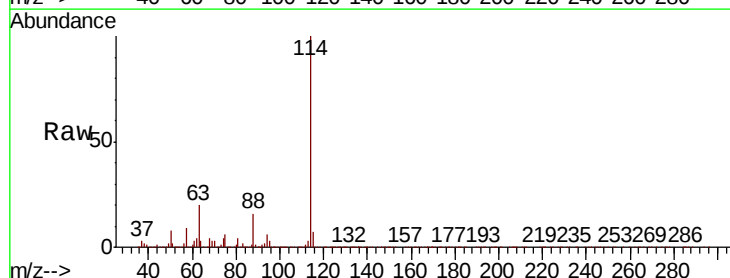
Tgt Ion: 114 Resp: 692547

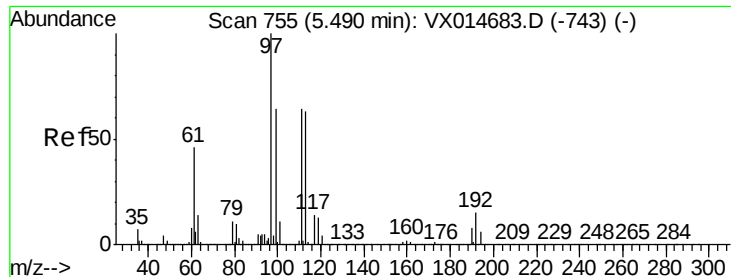
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

88 16.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 45.449 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :

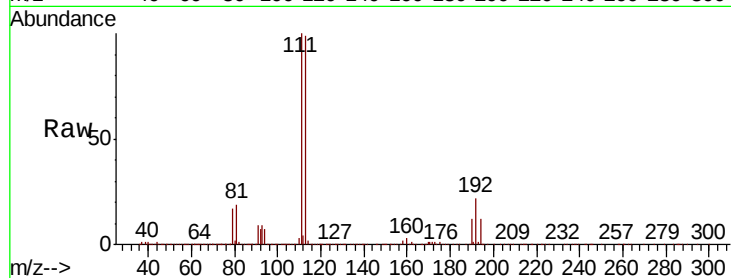
Tot Ion:113 Resp: 198608

Ion Ratio Lower Upper

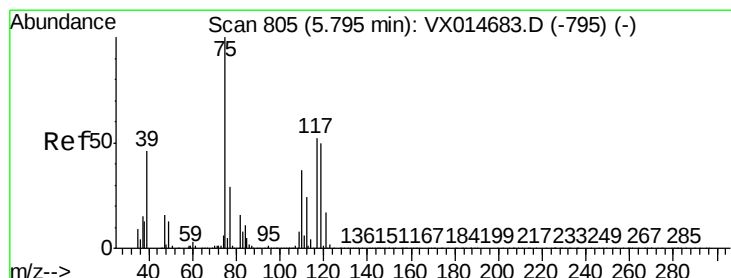
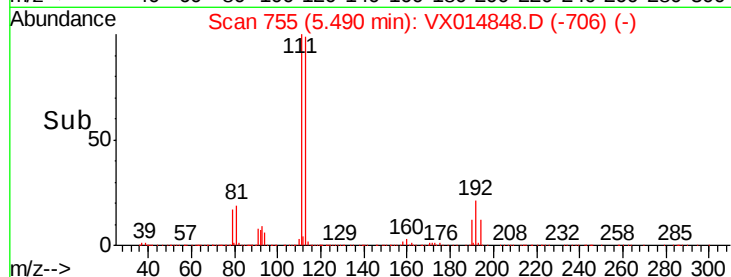
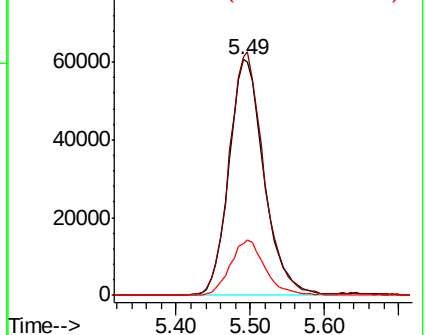
113 100

111 102.1 80.7 121.1

192 23.5 18.5 27.7



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: 4.682 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.15 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

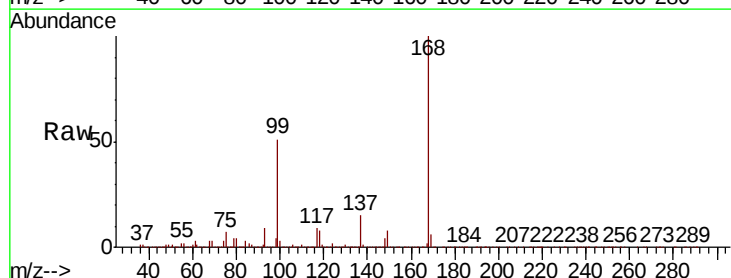
Tgt Ion: 75 Resp: 30127

Ion Ratio Lower Upper

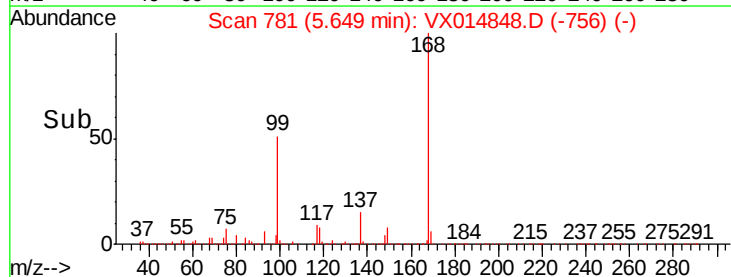
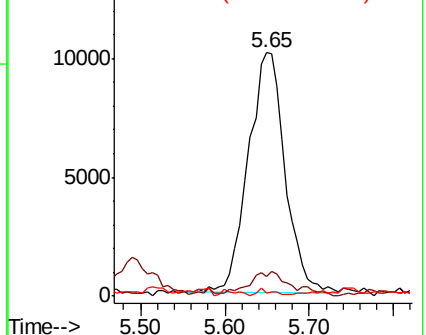
75 100

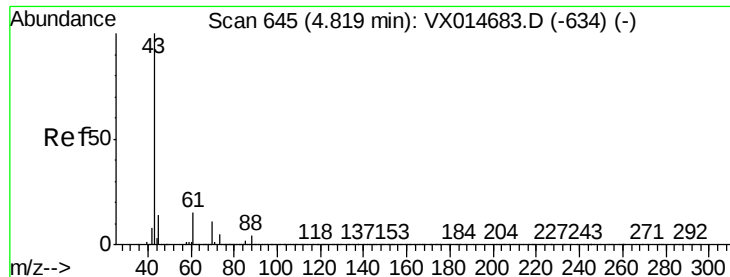
110 4.3 17.9 53.7#

77 1.4 24.1 36.1#



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





#37

Ethyl Acetate

Concen: 1.214 ug/l

RT: 4.72 min Scan# 629

Delta R.T. -0.10 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :
MSVOA_X
ClientSampled :

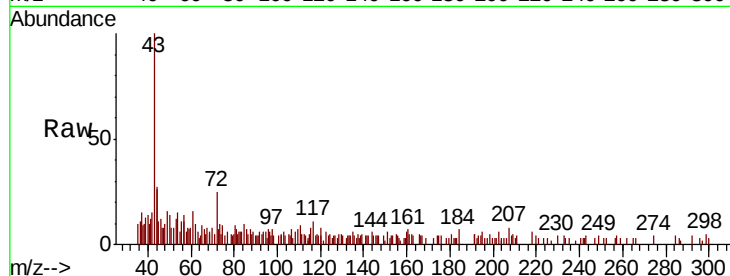
Tot Ion: 43 Resp: 8944

Ion Ratio Lower Upper

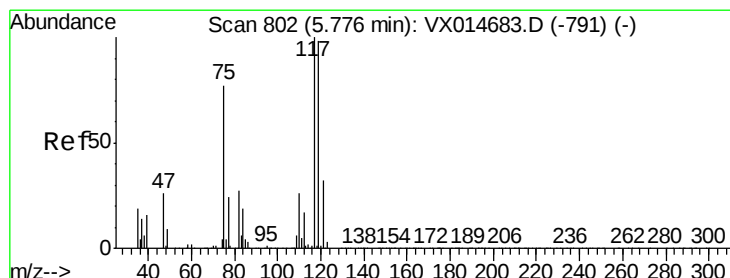
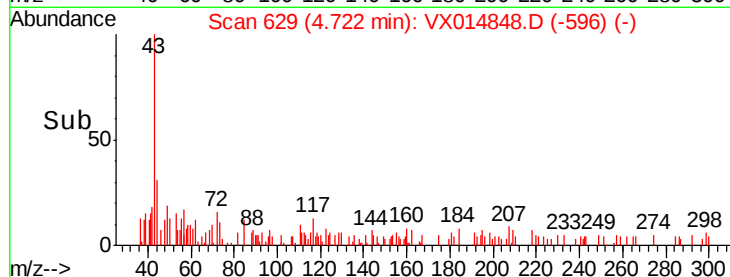
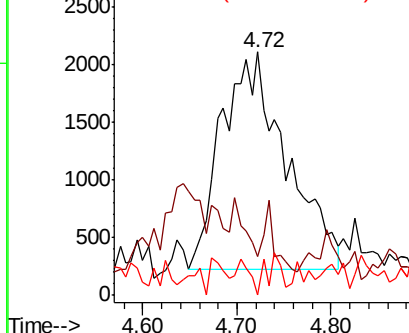
43 100

61 5.6 11.0 16.4#

70 4.5 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 6.252 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

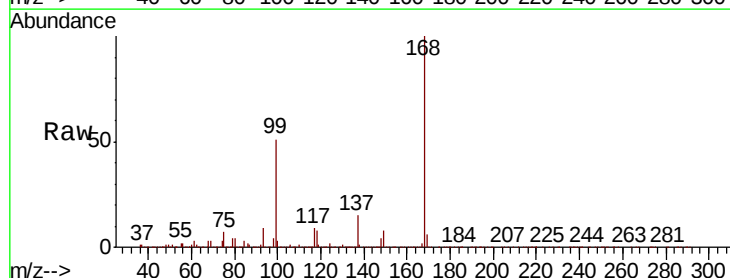
Tgt Ion: 117 Resp: 38423

Ion Ratio Lower Upper

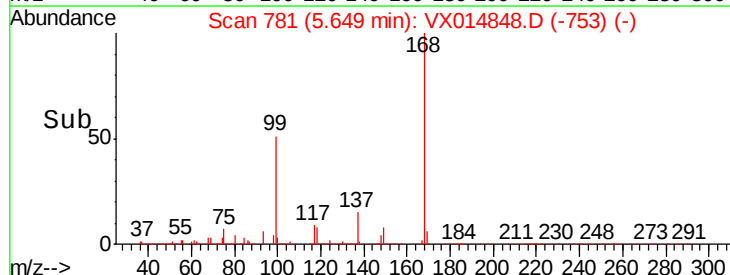
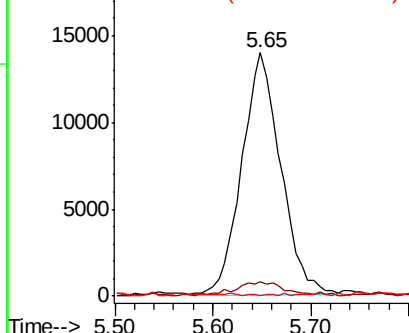
117 100

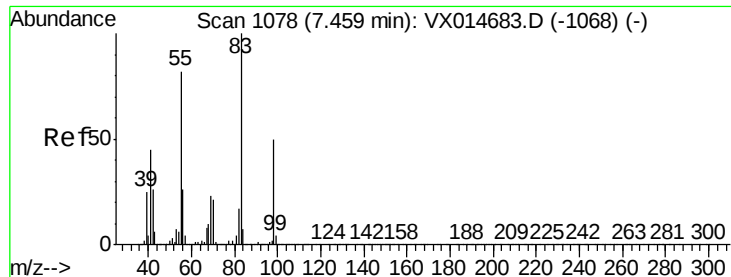
119 6.2 77.9 116.9#

121 0.0 25.4 38.2#



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

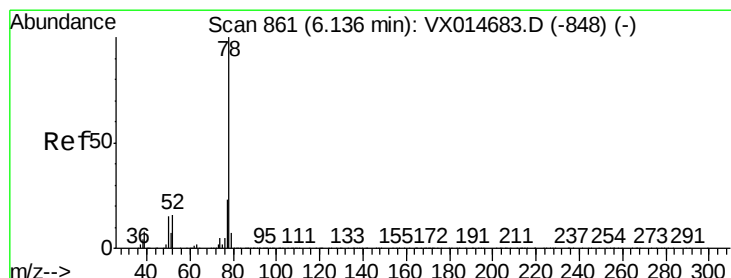
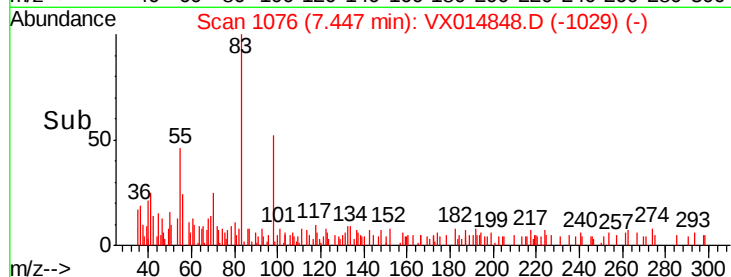
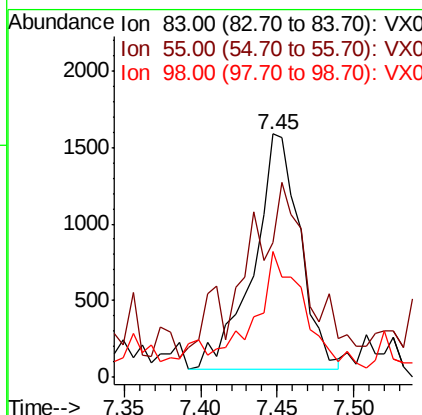
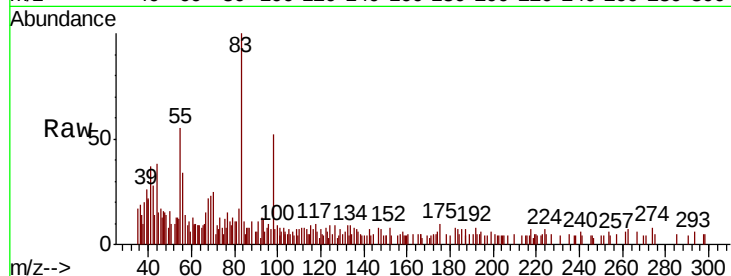




#39
Methvlcvclohexane
Concen: 0.400 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX014848.D
Acq: 06 Feb 2020 15:24

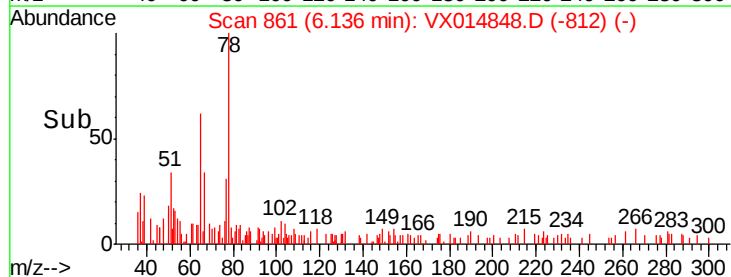
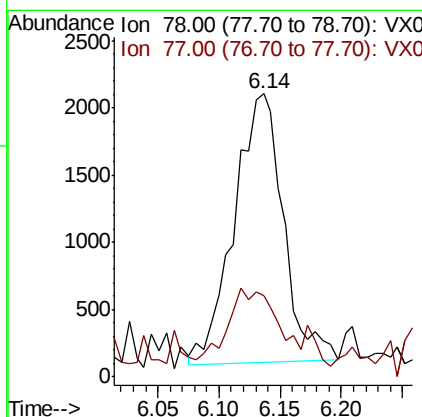
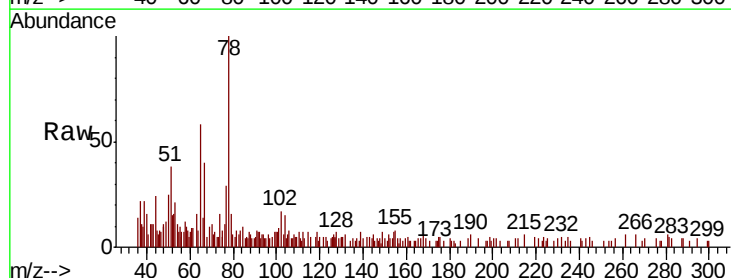
Instrument :
MSVOA_X
ClientSampleId :

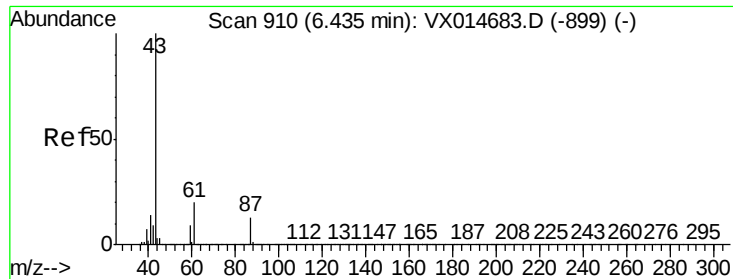
Tot Ion	Ratio	Lower	Upper
83	100		
55	44.6	65.6	98.4#
98	47.0	40.2	60.4



#40
Benzene
Concen: 0.281 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014848.D
Acq: 06 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1





#43

Isopropyl Acetate

Concen: 0.400 ug/l

RT: 6.45 min Scan# 913

Delta R.T. 0.02 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

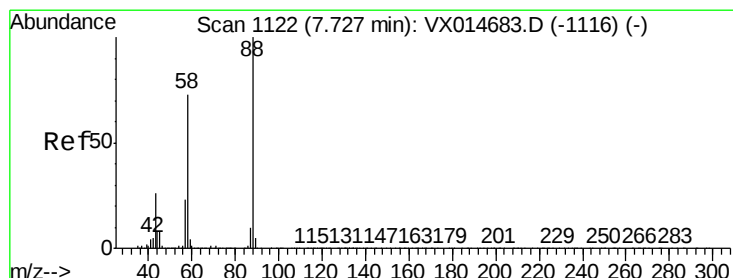
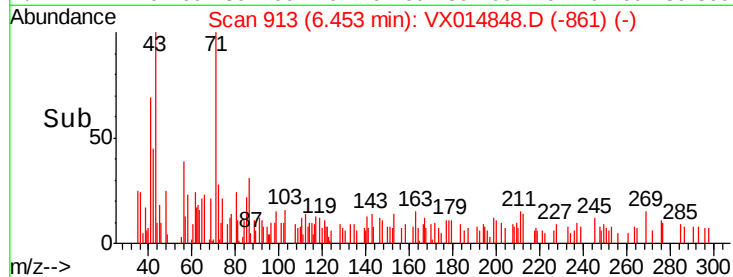
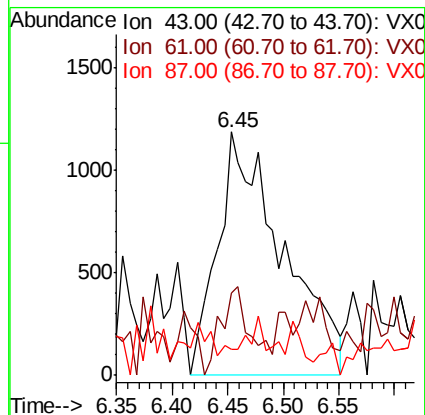
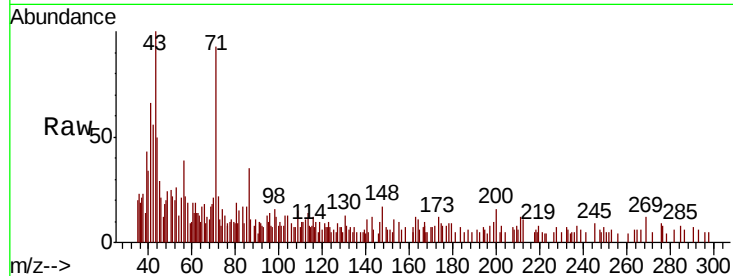
Tot Ion: 43 Resp: 4825

Ion Ratio Lower Upper

43 100

61 14.9 16.2 24.4#

87 0.0 10.5 15.7#



#49

1,4-Dioxane

Concen: 2.331 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

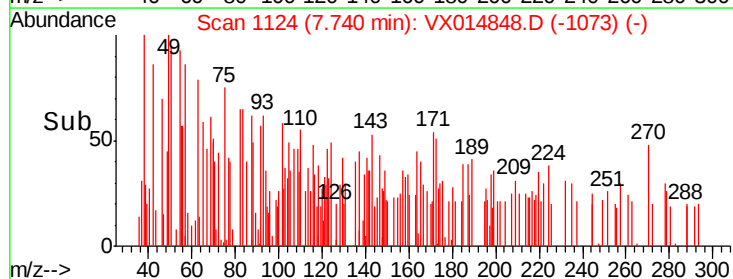
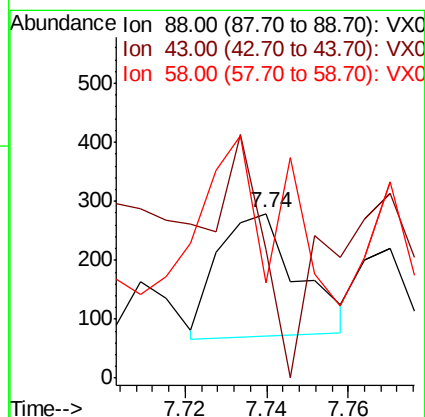
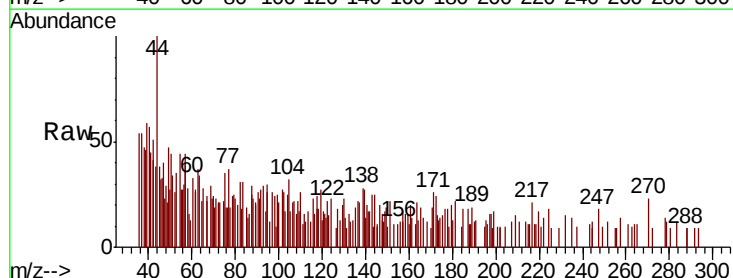
Tgt Ion: 88 Resp: 285

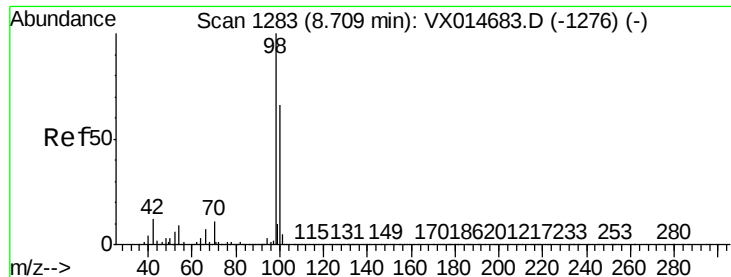
Ion Ratio Lower Upper

88 100

43 0.0 26.2 39.2#

58 296.8 56.6 85.0#

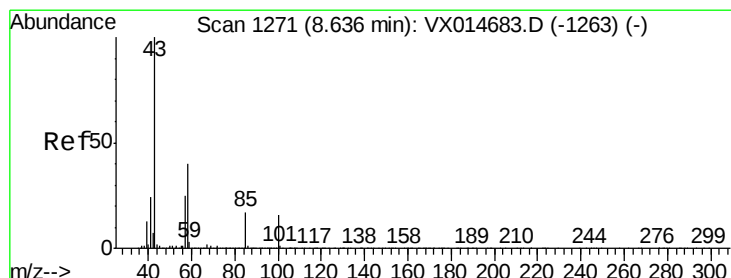
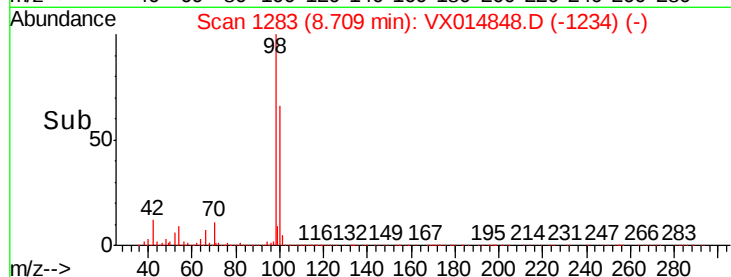
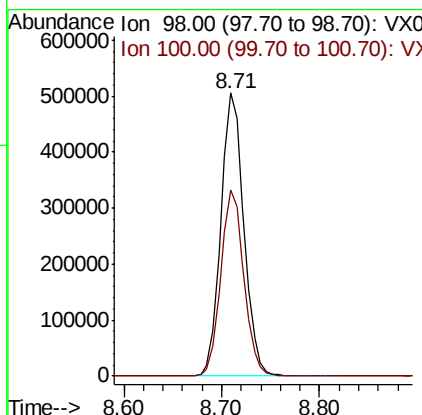
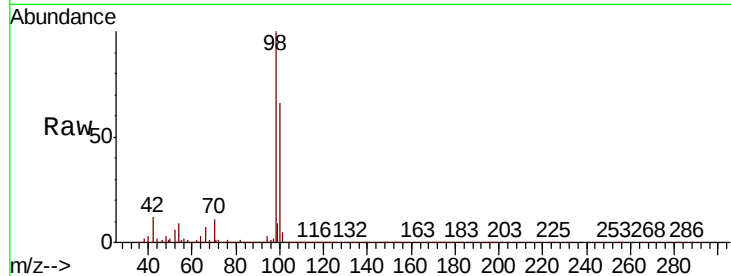




#50
Toluene-d8
Concen: 48.887 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014848.D
Acq: 06 Feb 2020 15:24

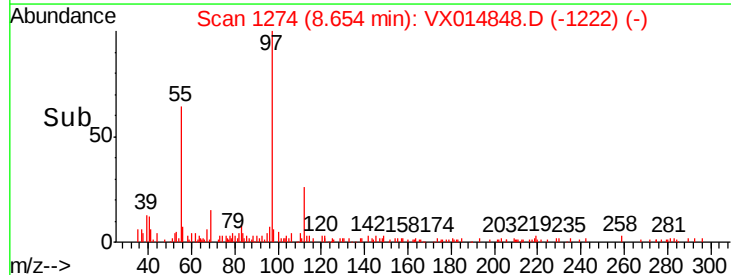
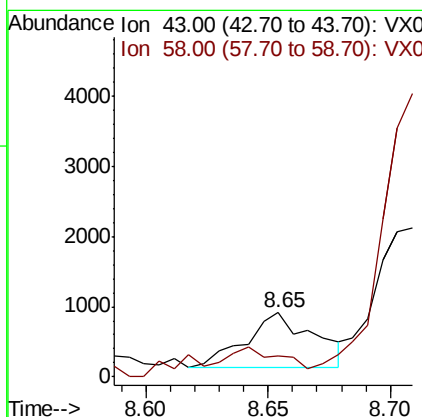
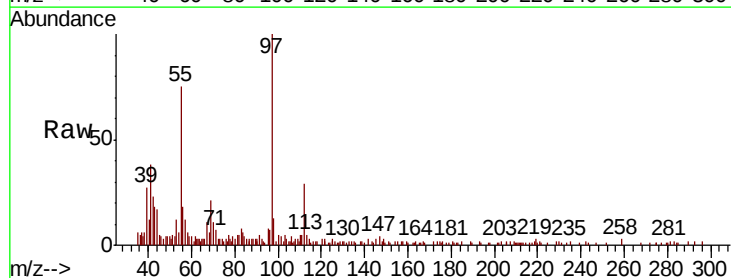
Instrument :
MSVOA_X
ClientSampleId :

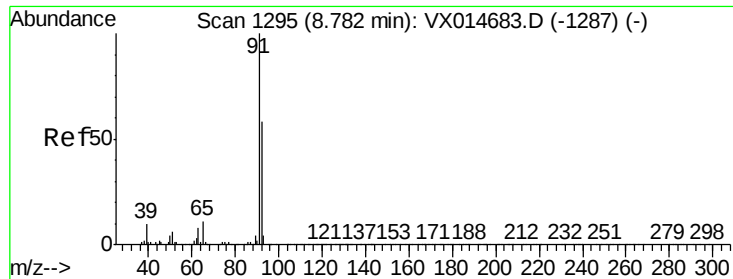
Tot Ion: 98 Resp: 821286
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.202 ug/l
RT: 8.65 min Scan# 1274
Delta R.T. 0.02 min
Lab File: VX014848.D
Acq: 06 Feb 2020 15:24

Tgt Ion: 43 Resp: 1541
Ion Ratio Lower Upper
43 100
58 28.0 31.6 47.4#





#52

Toluene

Concen: 1.022 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

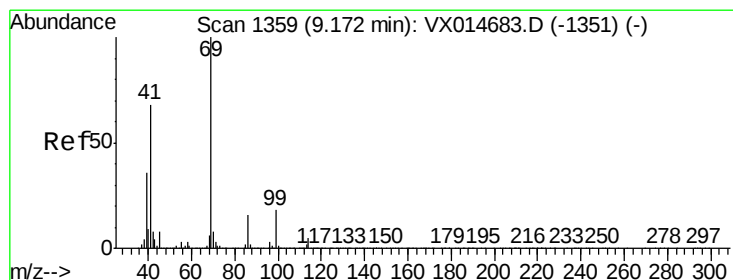
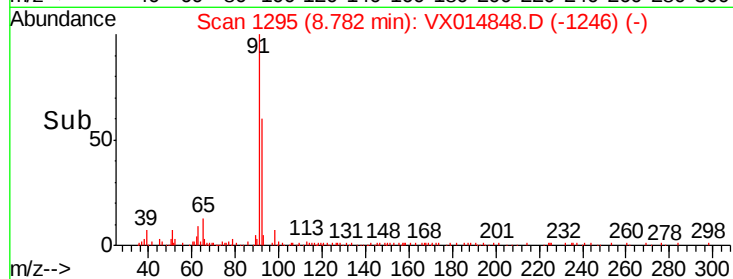
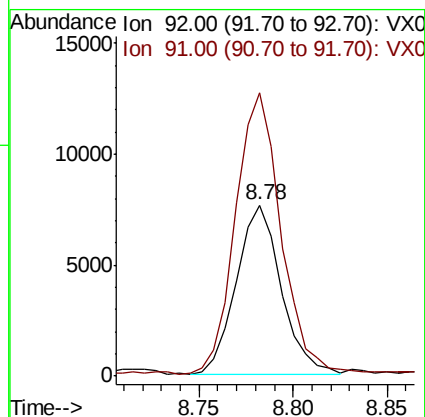
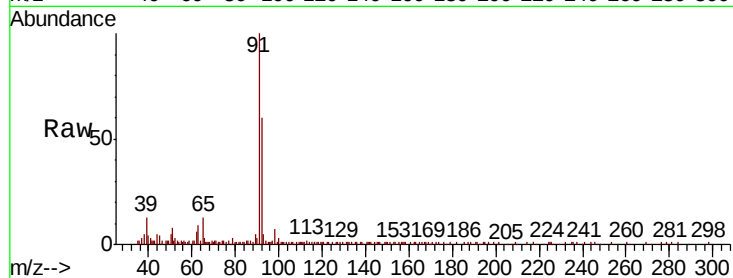
ClientSampleId :

Tot Ion: 92 Resp: 12494

Ion Ratio Lower Upper

92 100

91 171.0 135.9 203.9



#56

Ethyl methacrylate

Concen: 1.973 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

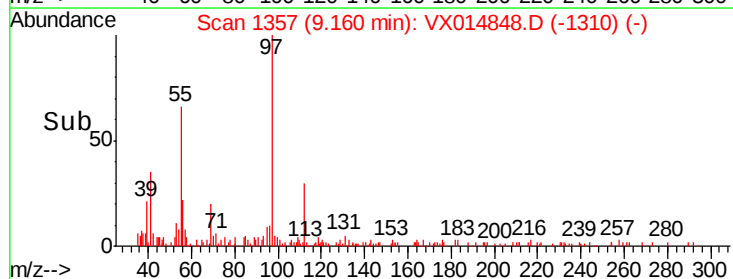
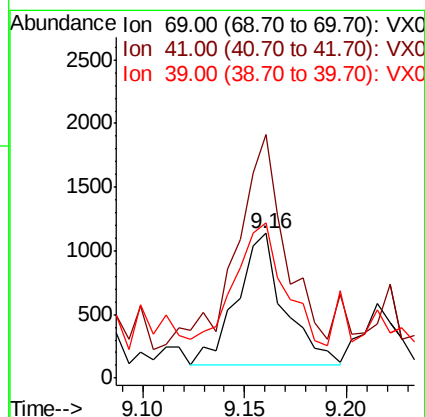
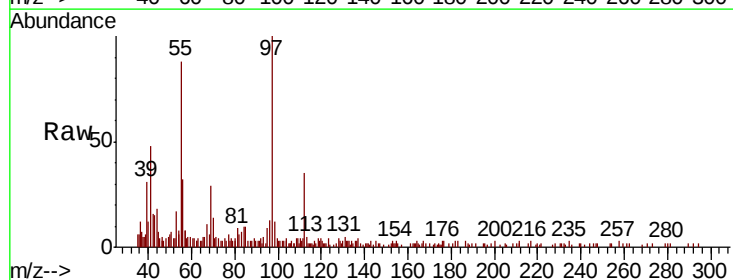
Tgt Ion: 69 Resp: 1661

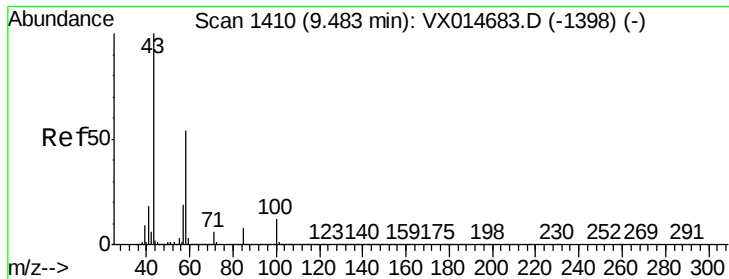
Ion Ratio Lower Upper

69 100

41 160.2 54.9 82.3#

39 97.4 29.3 43.9#

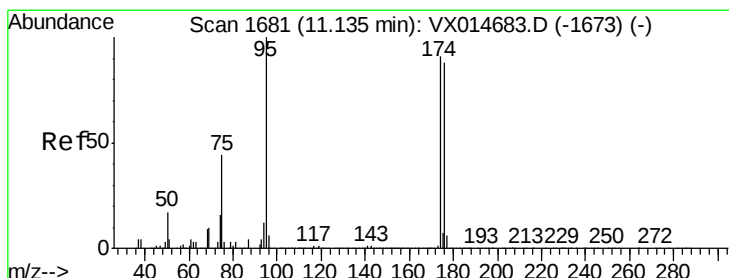
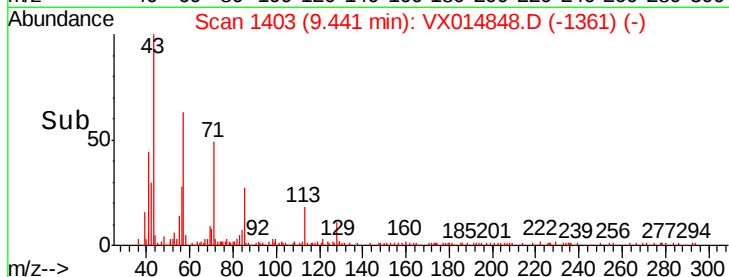
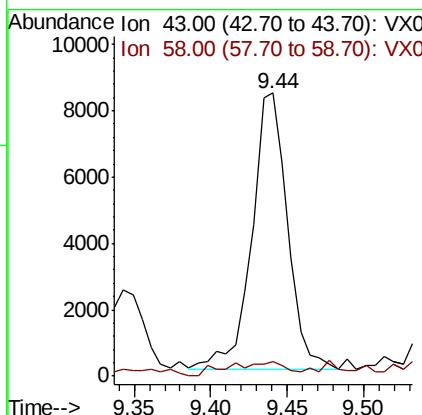
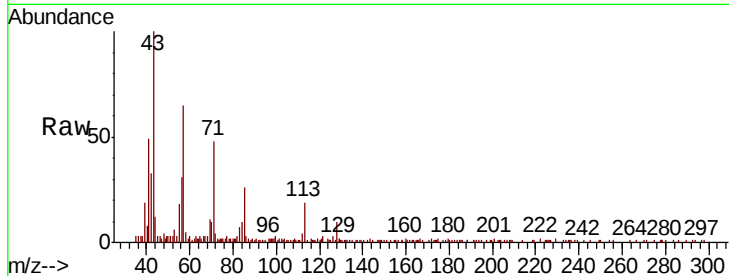




#59
2-Hexanone
Concen: 2.278 ug/l
RT: 9.44 min Scan# 1403
Delta R.T. -0.04 min
Lab File: VX014848.D
Acq: 06 Feb 2020 15:24

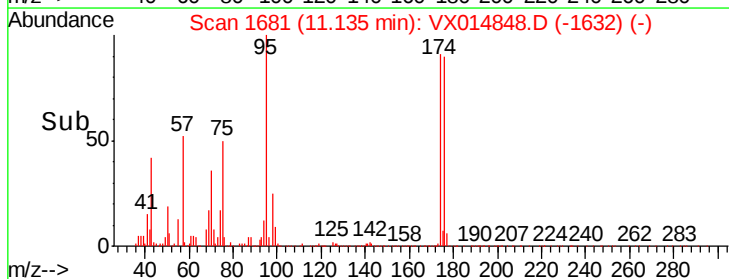
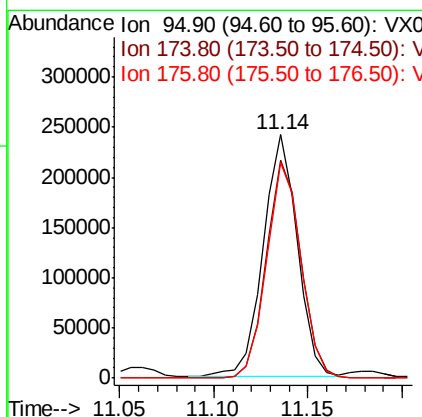
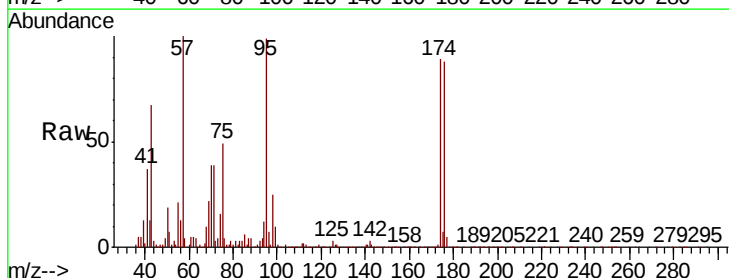
Instrument :
MSVOA_X
ClientSampleId :

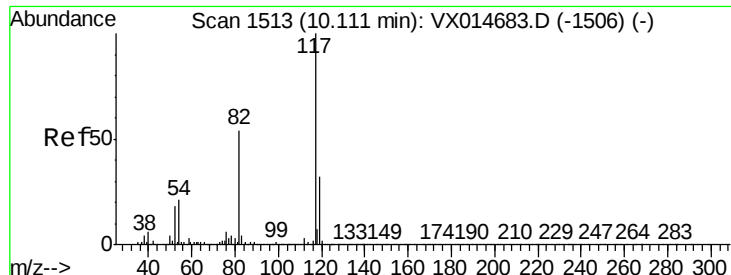
Tot Ion: 43 Resp: 13467
Ion Ratio Lower Upper
43 100
58 3.4 27.2 81.5#



#62
4-Bromofluorobenzene
Concen: 51.024 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX014848.D
Acq: 06 Feb 2020 15:24

Tgt Ion: 95 Resp: 305348
Ion Ratio Lower Upper
95 100
174 90.4 0.0 176.0
176 88.6 0.0 172.2

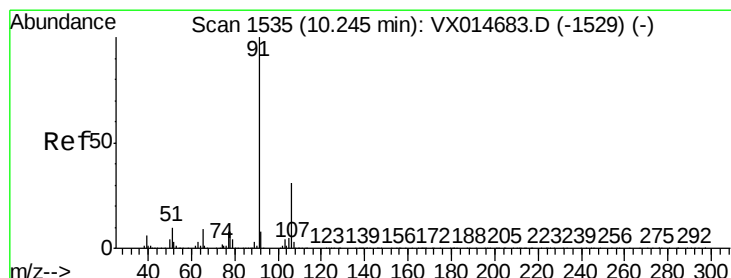
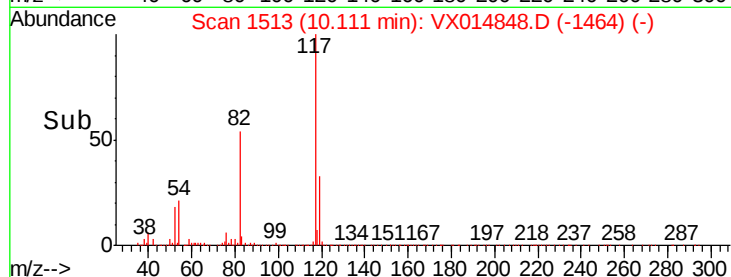
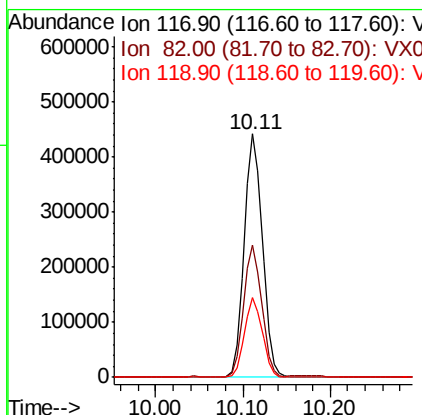
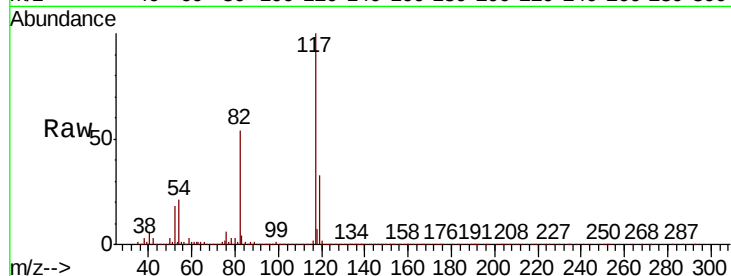




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014848.D
Acq: 06 Feb 2020 15:24

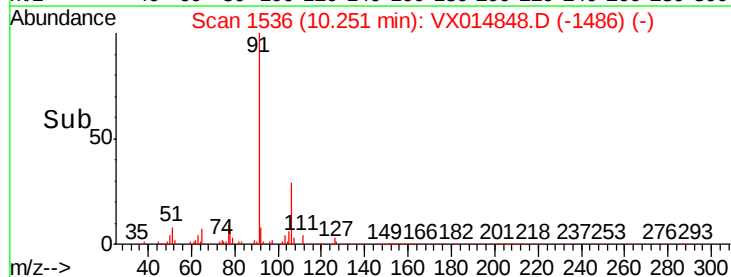
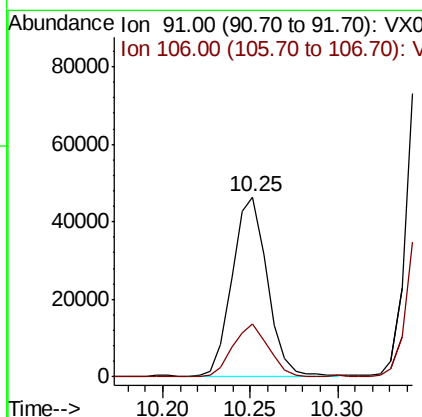
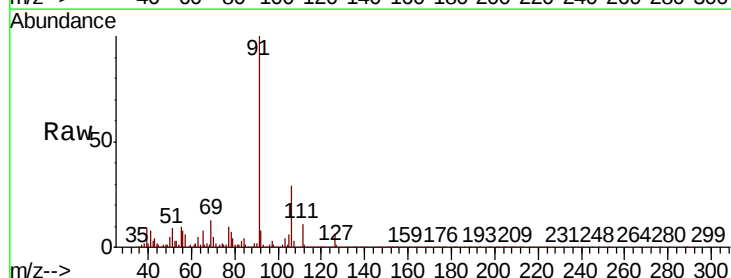
Instrument :
MSVOA_X
ClientSampleId :

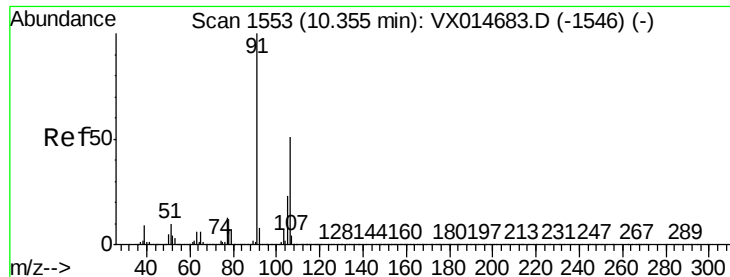
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.2	64.8
119	32.6	25.8	38.6



#67
Ethyl Benzene
Concen: 2.723 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX014848.D
Acq: 06 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.2	24.9	37.3





#68

m/p-Xvlenes

Concen: 12.698 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

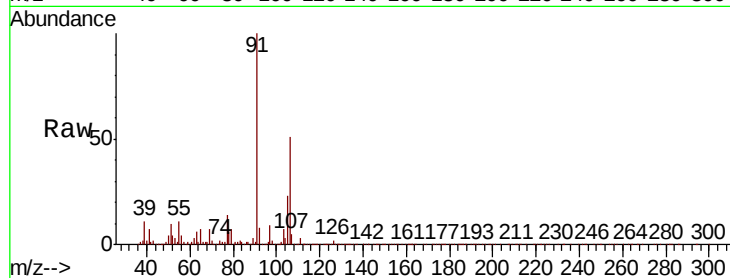
ClientSampleId :

Tot Ion:106 Resp: 112611

Ion Ratio Lower Upper

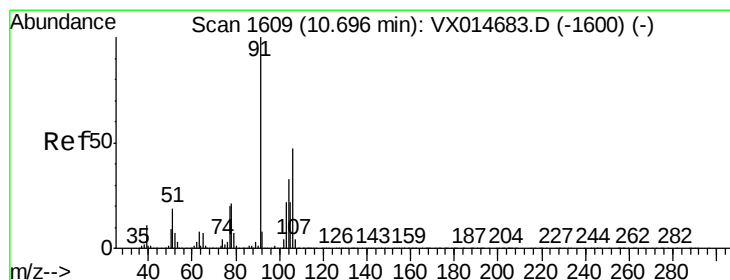
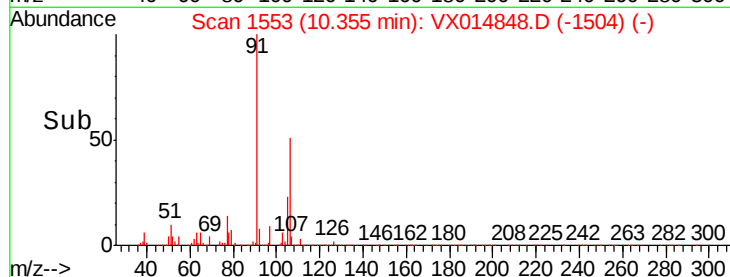
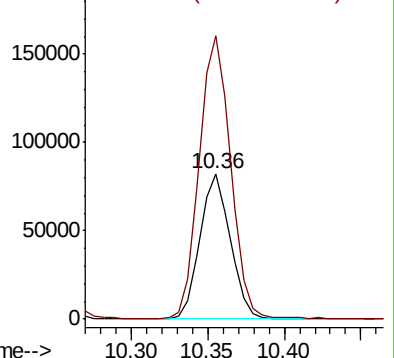
106 100

91 202.2 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 9.364 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014848.D

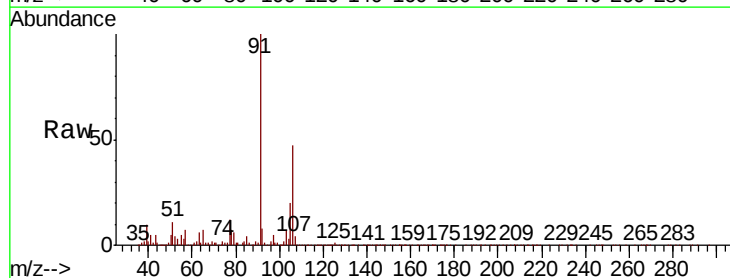
Acq: 06 Feb 2020 15:24

Tgt Ion:106 Resp: 80169

Ion Ratio Lower Upper

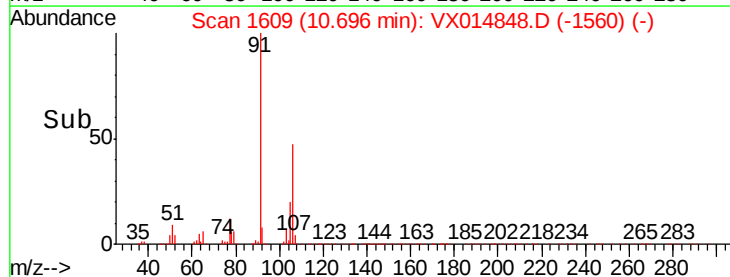
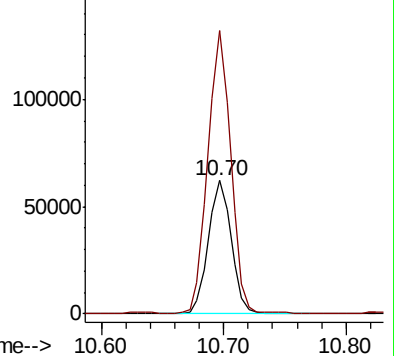
106 100

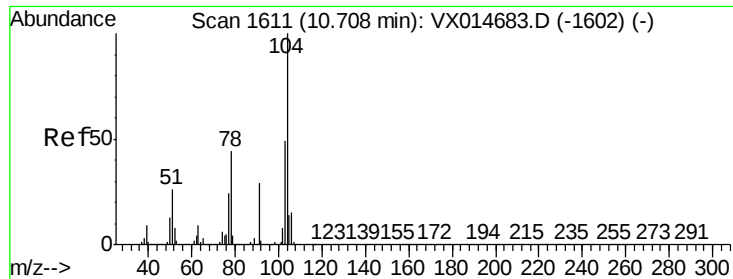
91 212.6 106.2 318.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

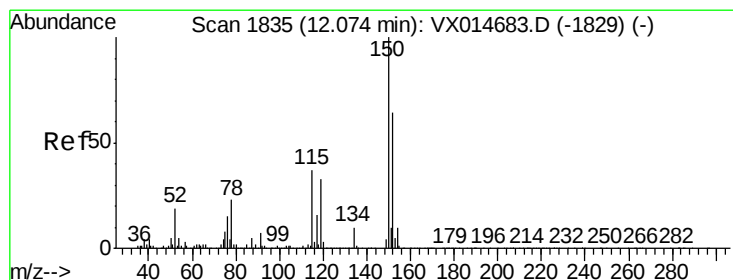
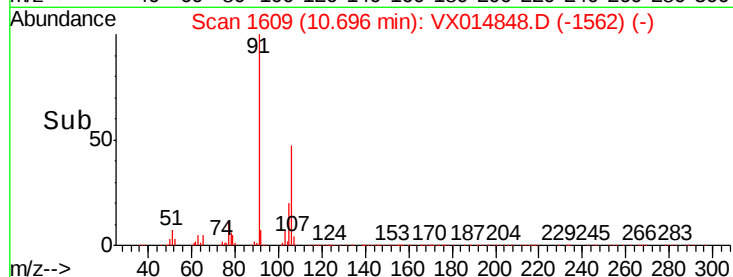
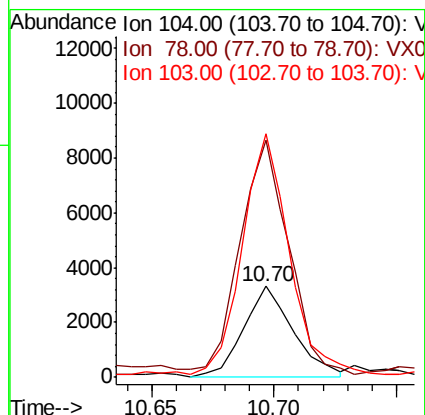
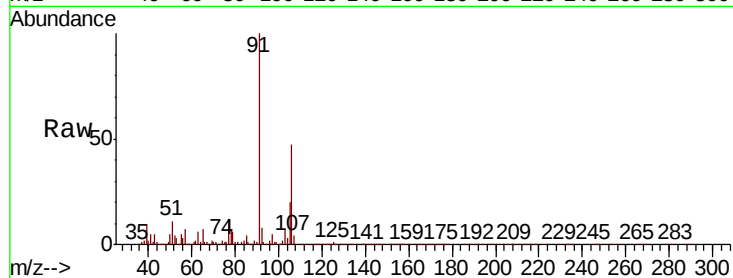




#70
Stvrene
Concen: 0.327 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX014848.D
Acq: 06 Feb 2020 15:24

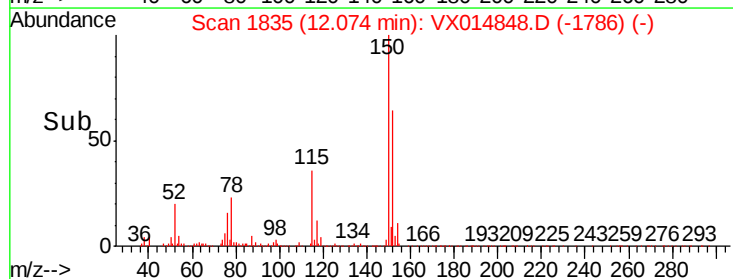
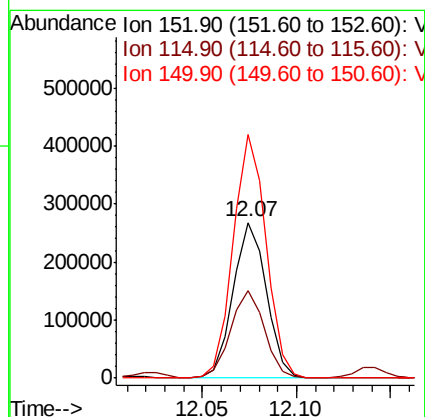
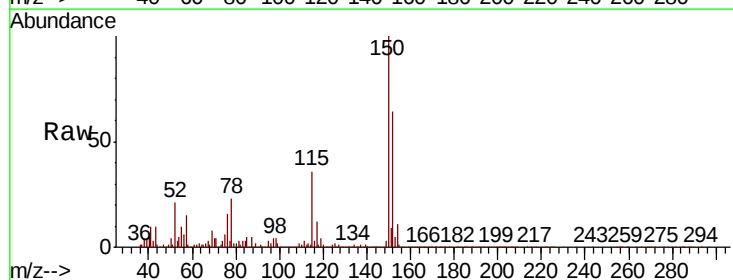
Instrument :
MSVOA_X
ClientSampleId :

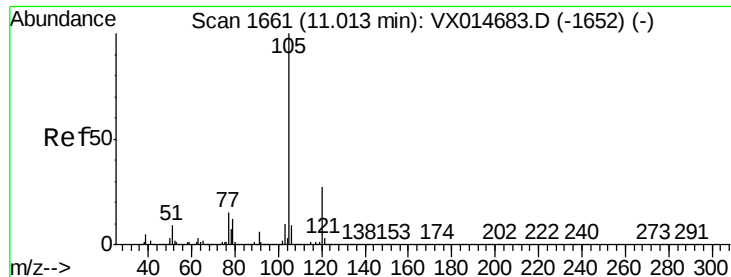
Tot Ion	Ratio	Lower	Upper
104	100		
78	251.2	39.3	58.9#
103	249.6	43.5	65.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014848.D
Acq: 06 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	39.4	118.1
150	155.3	0.0	351.2





#73

Isopropylbenzene

Concen: 2.140 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

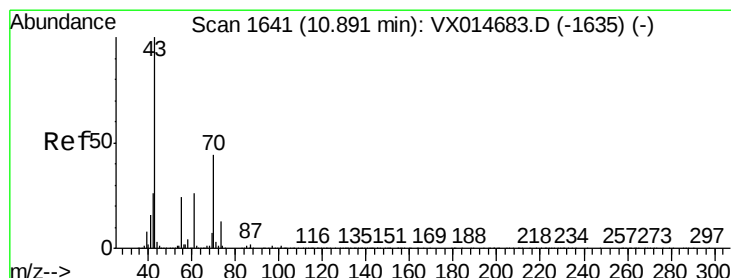
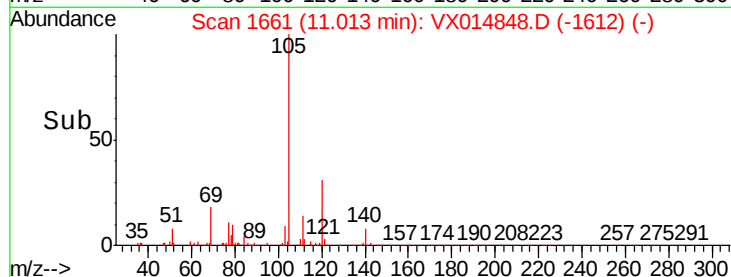
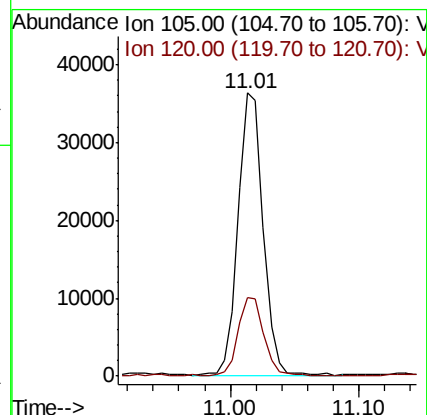
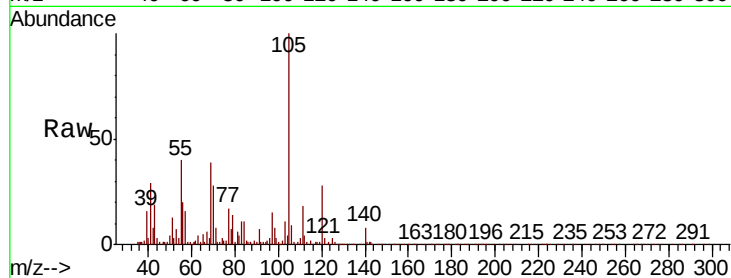
ClientSampleId :

Tot Ion:105 Resp: 49166

Ion Ratio Lower Upper

105 100

120 29.3 13.5 40.5



#74

N-ethyl acetate

Concen: 5.843 ug/l

RT: 10.90 min Scan# 1643

Delta R.T. 0.01 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Tgt Ion: 43 Resp: 58821

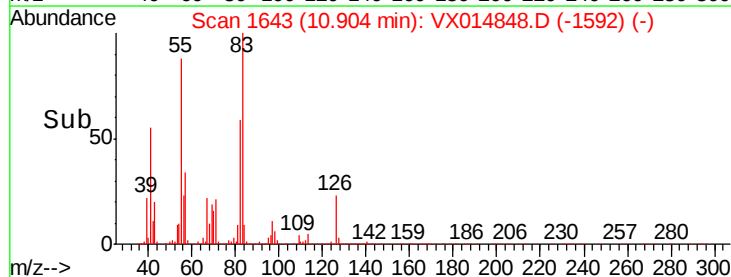
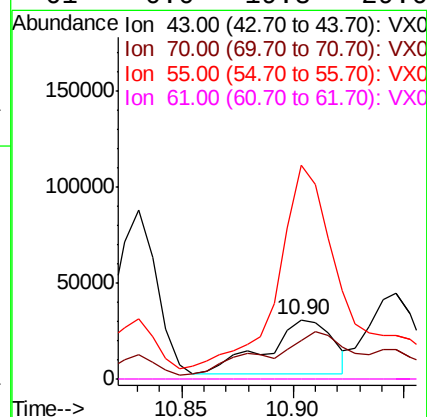
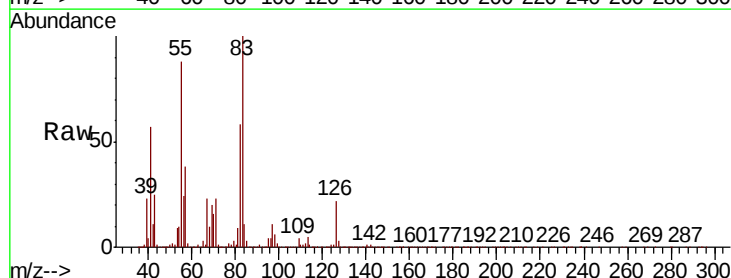
Ion Ratio Lower Upper

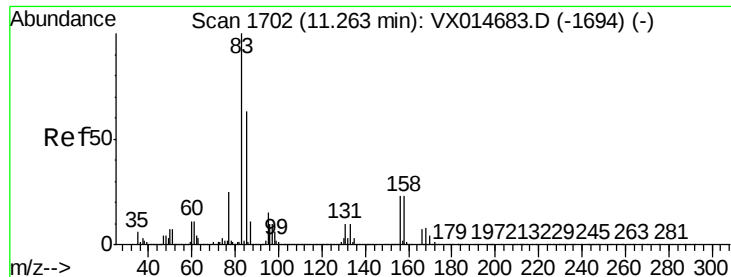
43 100

70 32.1 34.6 52.0#

55 358.1 19.4 29.2#

61 0.0 19.8 29.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 3.118 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

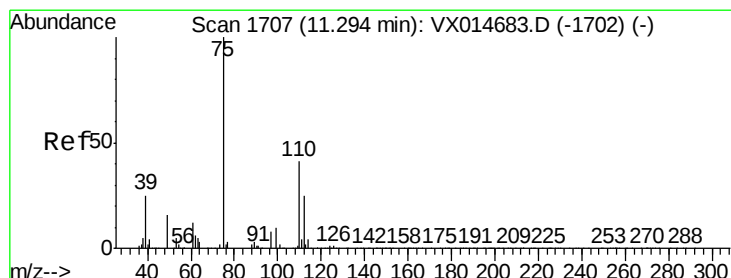
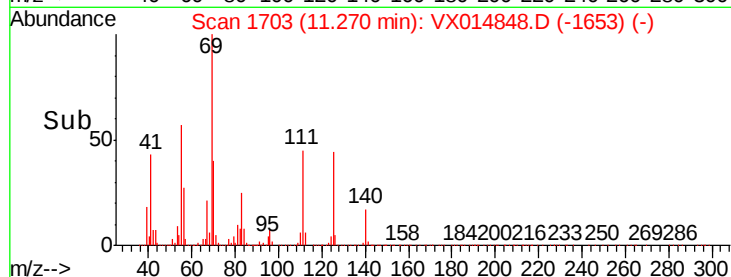
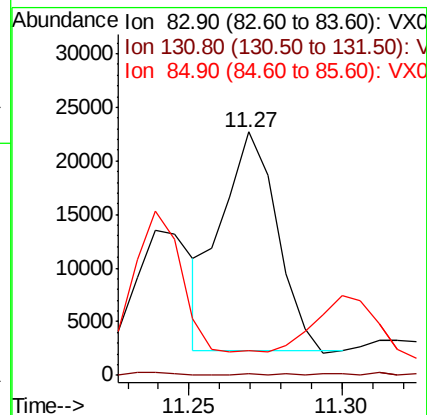
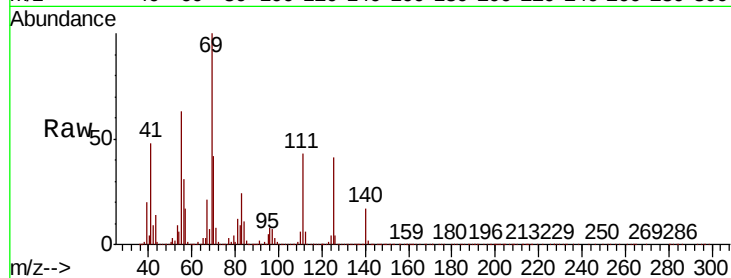
Tot Ion: 83 Resp: 25576

Ion Ratio Lower Upper

83 100

131 0.3 5.0 15.0#

85 0.0 31.7 95.1#



#76

1,2,3-Trichloropropane

Concen: 0.888 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.13 min

Lab File: VX014848.D

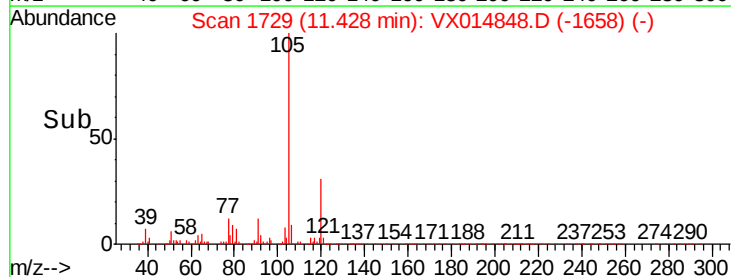
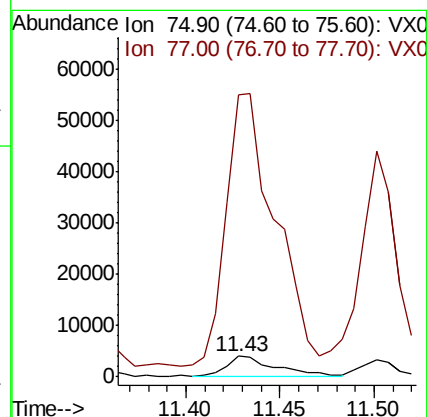
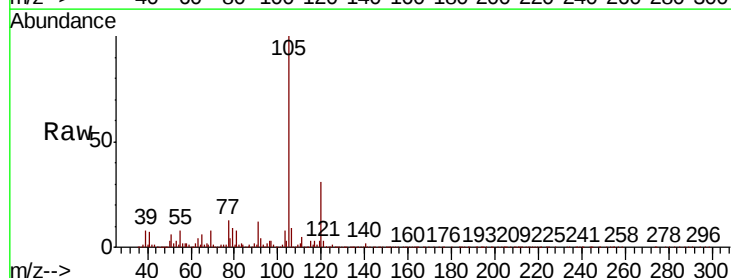
Acq: 06 Feb 2020 15:24

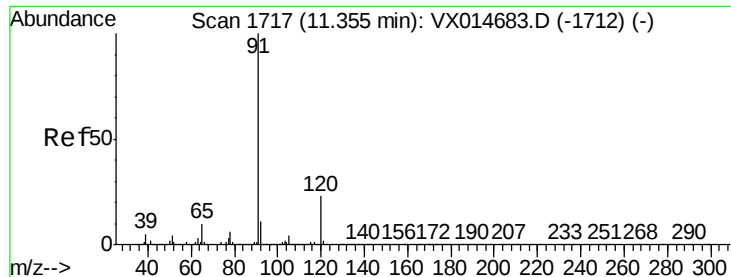
Tgt Ion: 75 Resp: 6754

Ion Ratio Lower Upper

75 100

77 1495.5 18.7 56.1#





#78

n-propylbenzene

Concen: 8.026 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

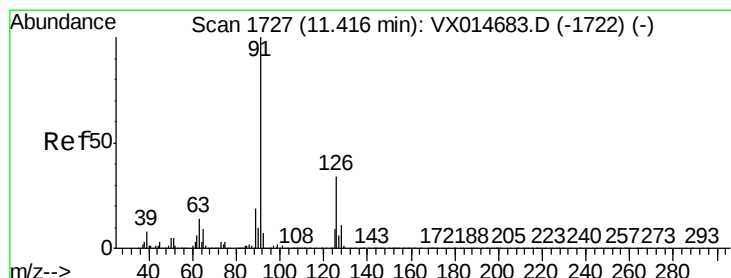
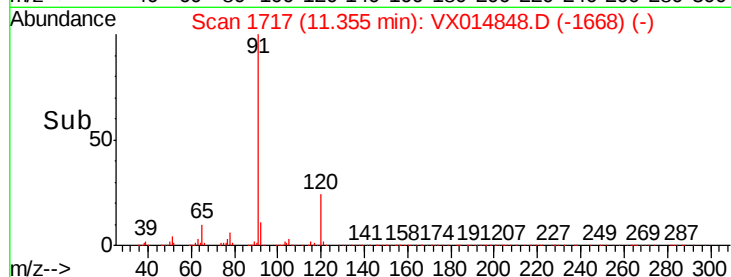
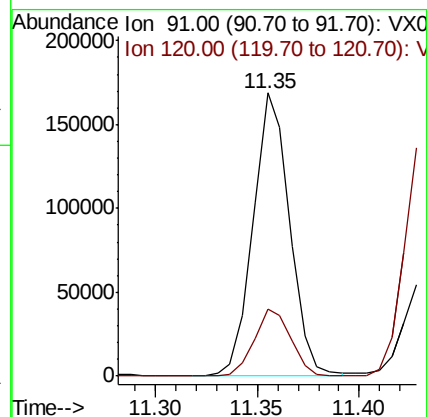
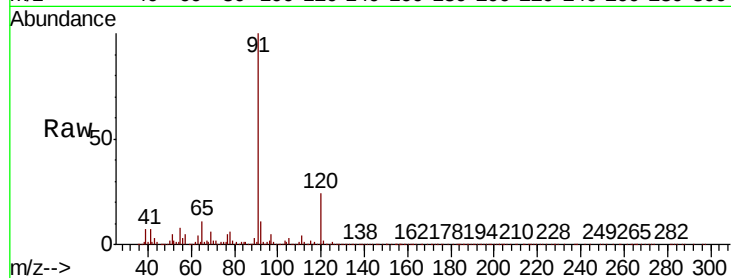
ClientSampleId :

Tot Ion: 91 Resp: 209292

Ion Ratio Lower Upper

91 100

120 24.0 11.7 35.0



#79

2-Chlorotoluene

Concen: 6.281 ug/l

RT: 11.43 min Scan# 1730

Delta R.T. 0.02 min

Lab File: VX014848.D

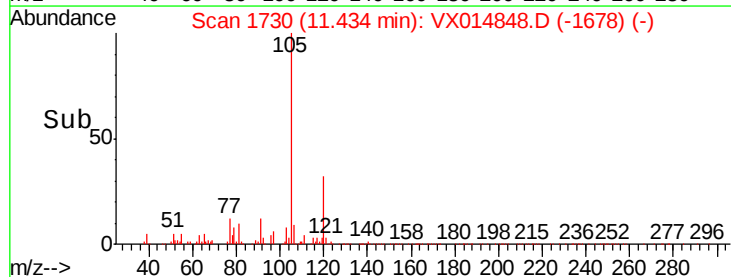
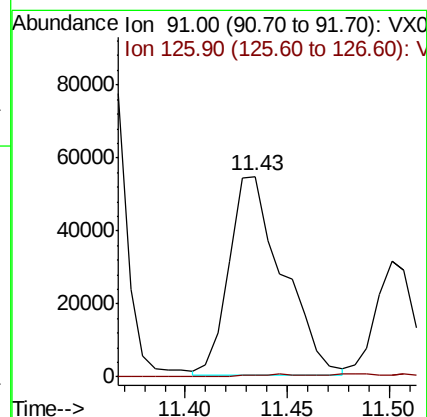
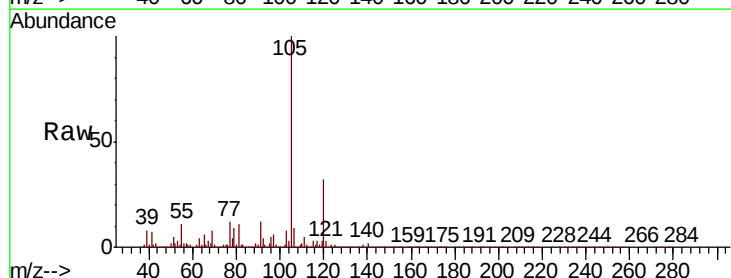
Acq: 06 Feb 2020 15:24

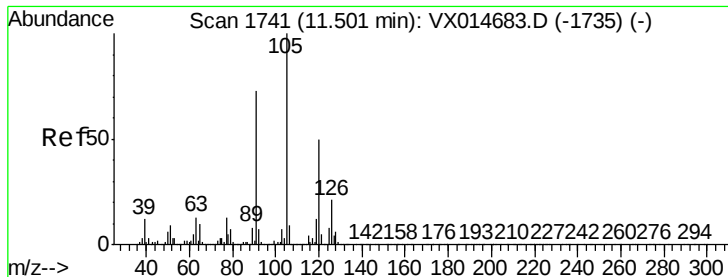
Tgt Ion: 91 Resp: 99109

Ion Ratio Lower Upper

91 100

126 1.0 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 20.669 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

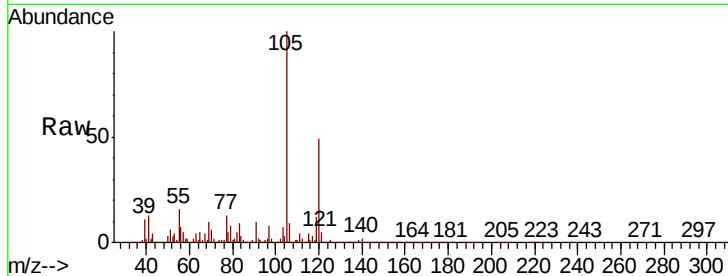
ClientSampleId :

Tot Ion:105 Resp: 394094

Ion Ratio Lower Upper

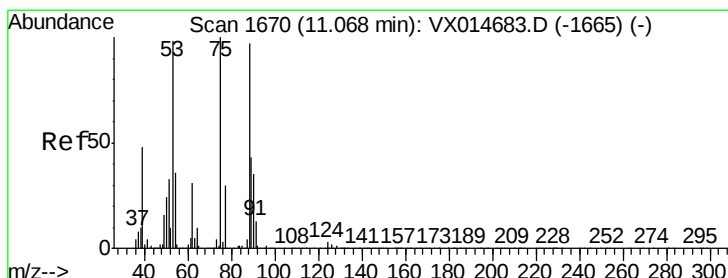
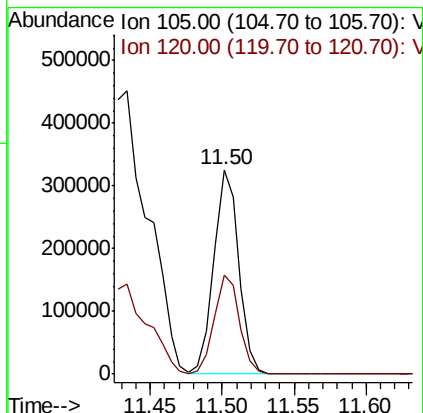
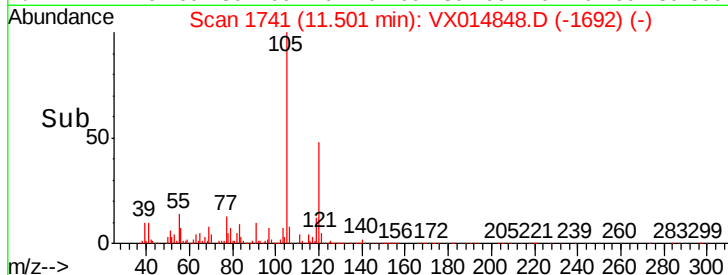
105 100

120 49.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 56.459 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

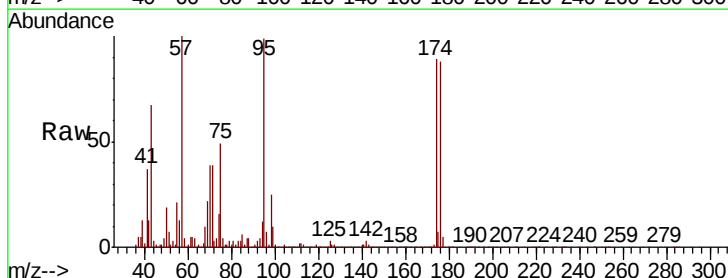
Tgt Ion: 75 Resp: 150811

Ion Ratio Lower Upper

75 100

53 8.0 78.8 118.2#

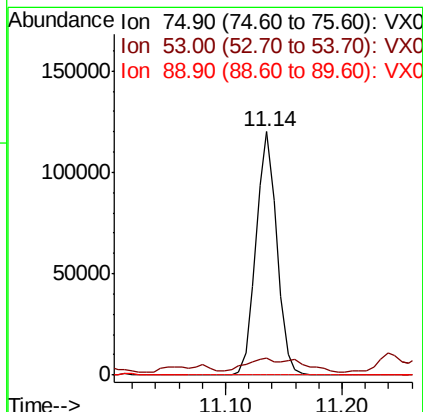
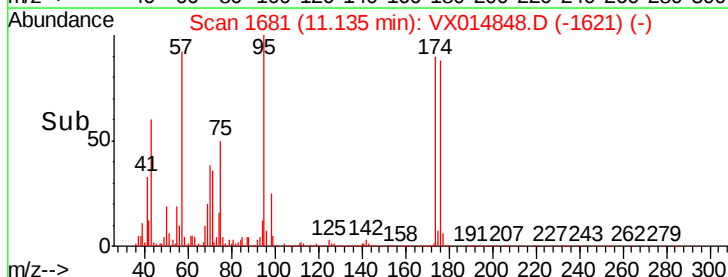
89 0.3 35.4 53.0#

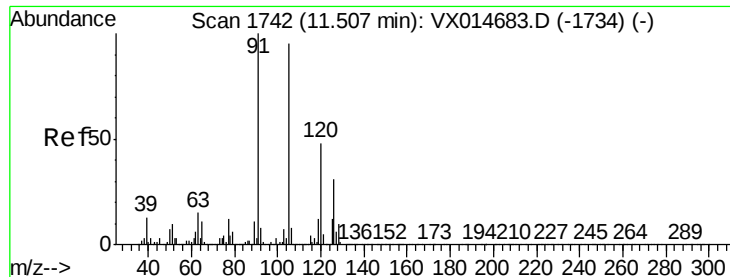


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

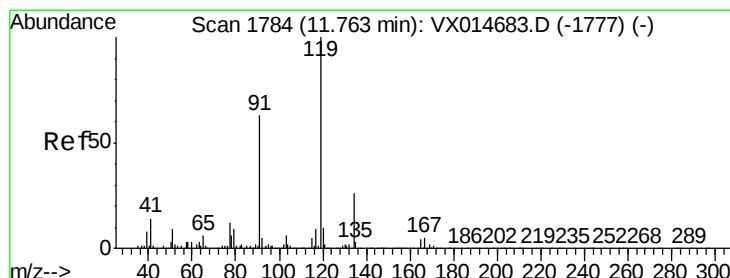
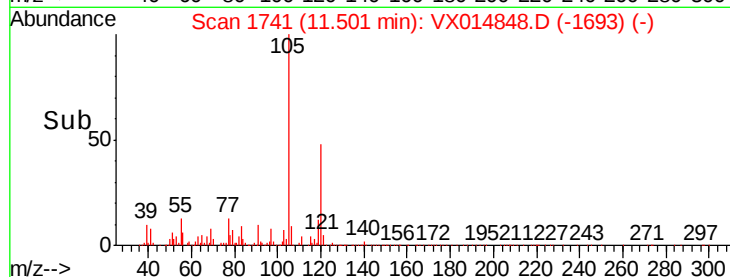
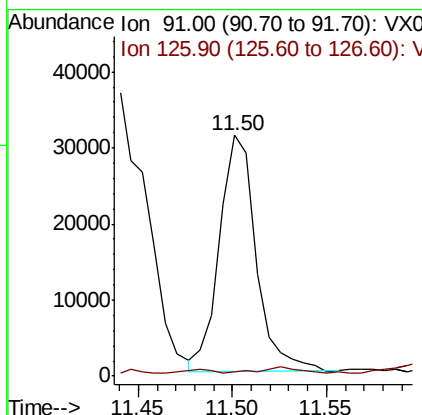
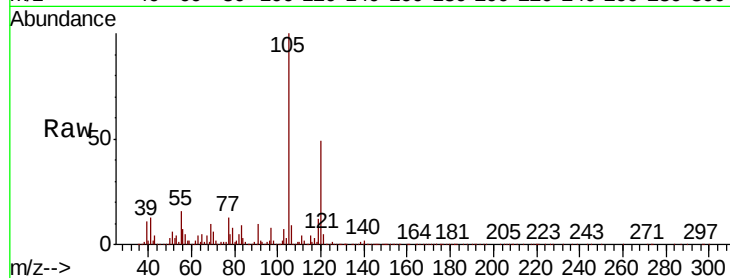




#82
4-Chlorotoluene
Concen: 2.335 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014848.D
Acq: 06 Feb 2020 15:24

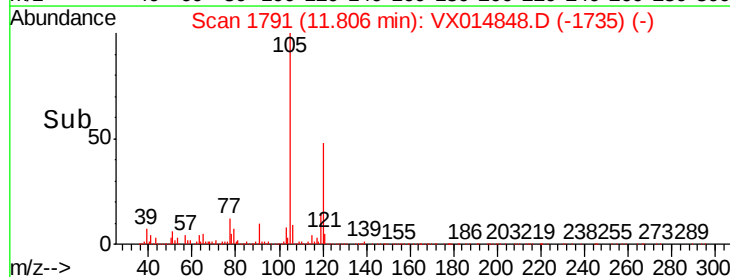
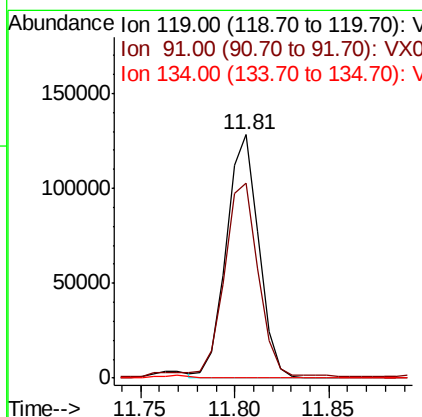
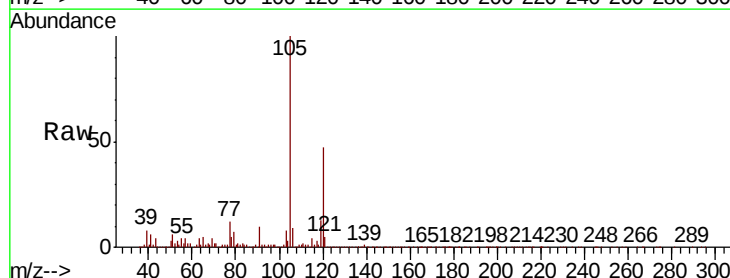
Instrument :
MSVOA_X
ClientSampleId :

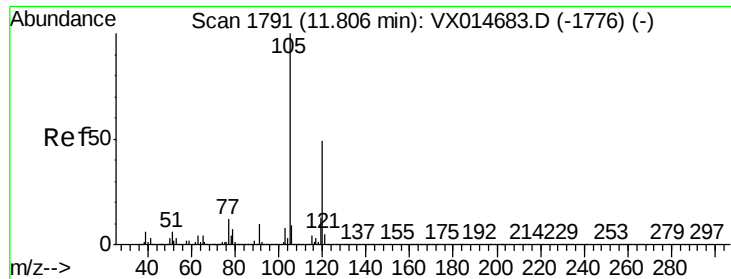
Tot Ion: 91 Resp: 41951
Ion Ratio Lower Upper
91 100
126 1.2 15.4 46.4#



#83
tert-Butylbenzene
Concen: 8.518 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.04 min
Lab File: VX014848.D
Acq: 06 Feb 2020 15:24

Tgt Ion: 119 Resp: 152626
Ion Ratio Lower Upper
119 100
91 85.4 30.0 90.0
134 0.0 12.7 38.0#

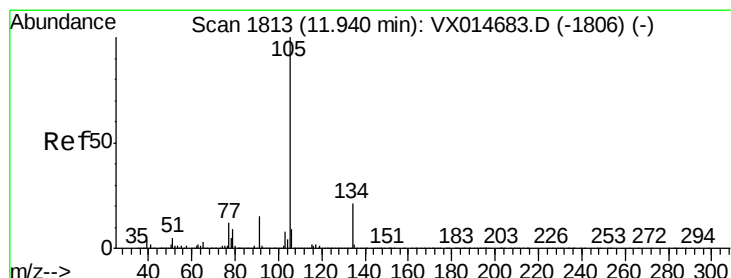
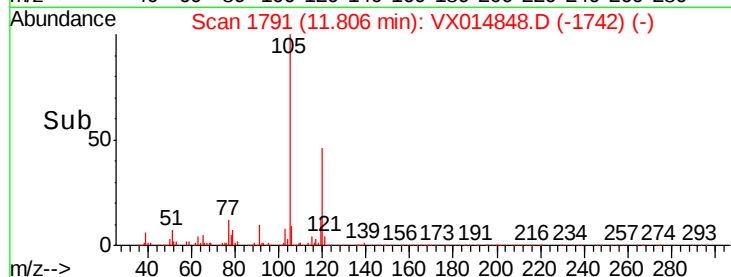
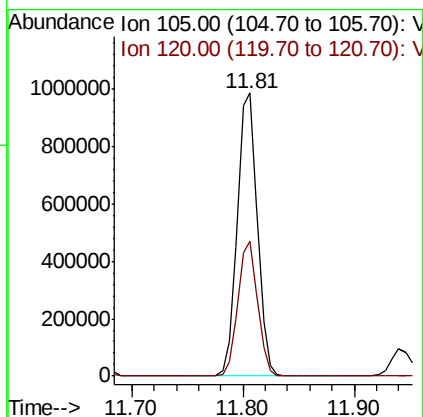
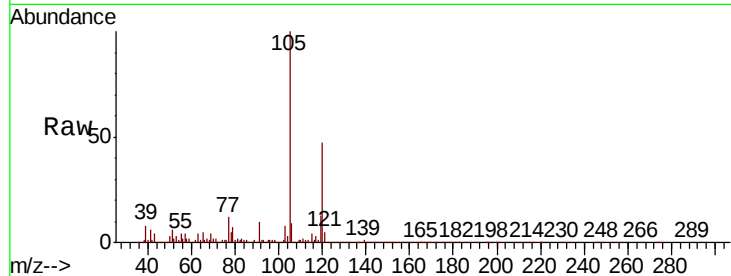




#84
 1,2,4-Trimethylbenzene
 Concen: 64.145 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX014848.D
 Acq: 06 Feb 2020 15:24

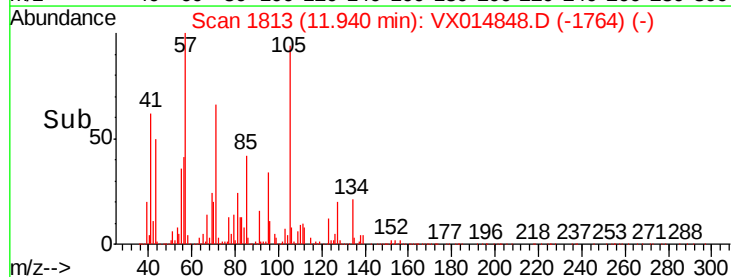
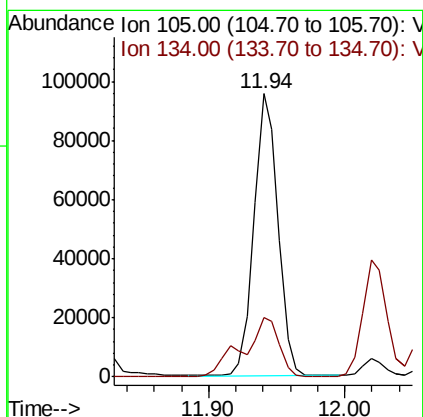
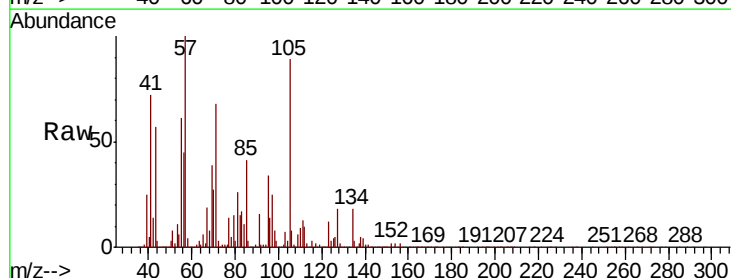
Instrument :
 MSVOA_X
 ClientSampleId :

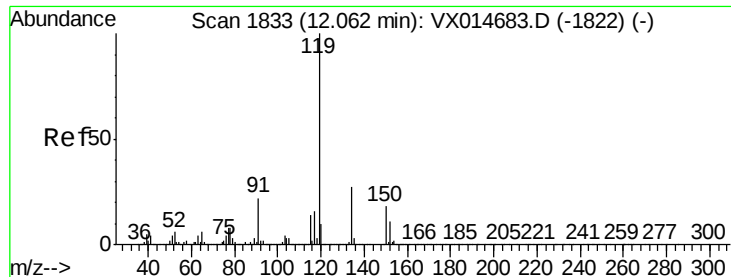
Tot Ion:105 Resp: 1226786
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.0



#85
 sec-Butylbenzene
 Concen: 5.419 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014848.D
 Acq: 06 Feb 2020 15:24

Tgt Ion:105 Resp: 118938
 Ion Ratio Lower Upper
 105 100
 134 31.8 10.3 30.8#





#86

p-Isopropyltoluene

Concen: 4.994 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

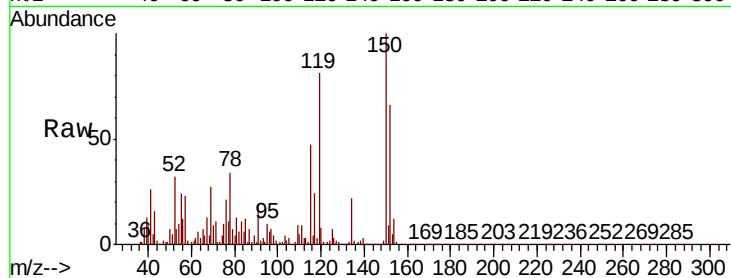
Tot Ion: 119 Resp: 101308

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

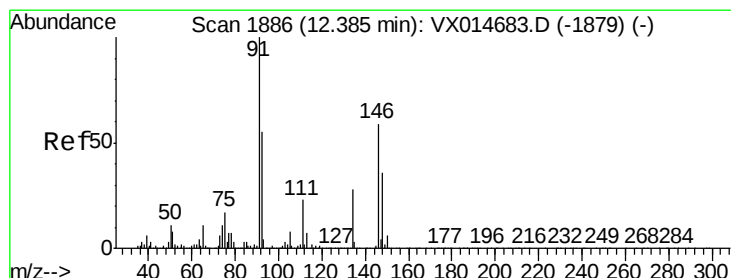
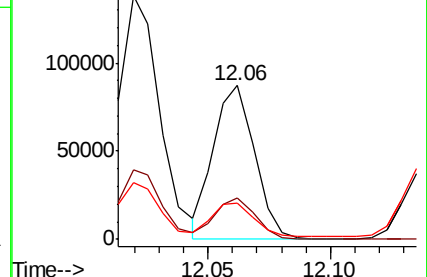
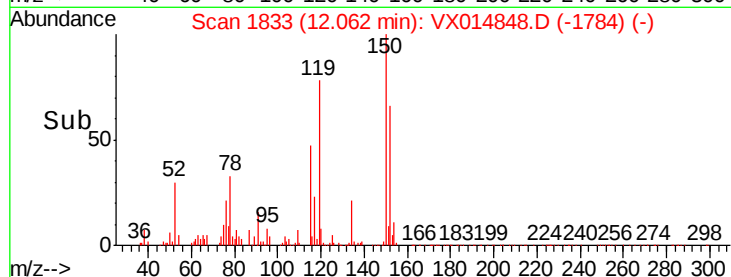
91 22.5 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 17.044 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

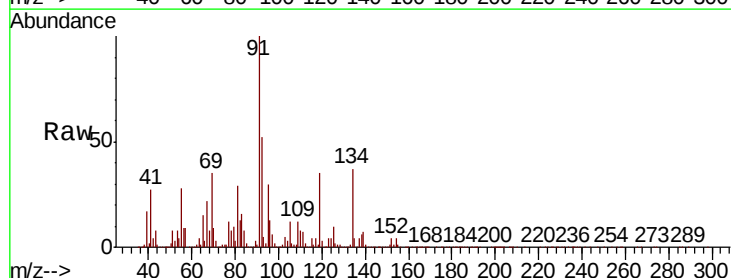
Tgt Ion: 91 Resp: 301112

Ion Ratio Lower Upper

91 100

92 38.7 27.6 82.7

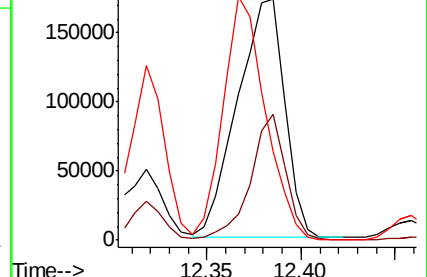
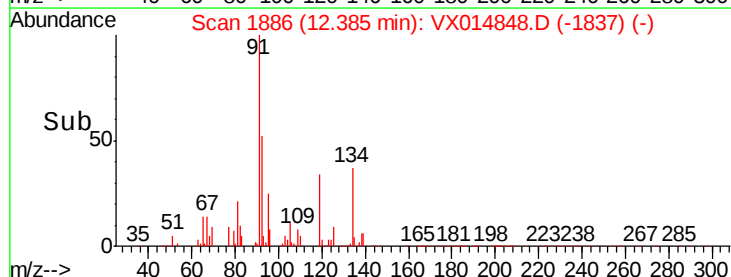
134 90.5 13.3 39.8#

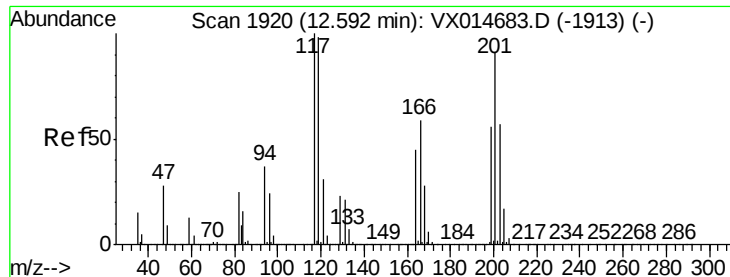


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 7.876 ug/l

RT: 12.60 min Scan# 1922

Delta R.T. 0.01 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

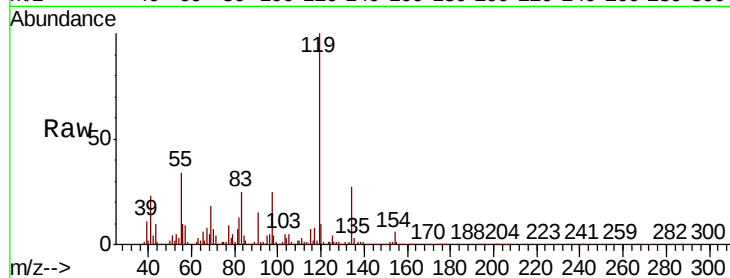
ClientSampleId :

Tot Ion:117 Resp: 29674

Ion Ratio Lower Upper

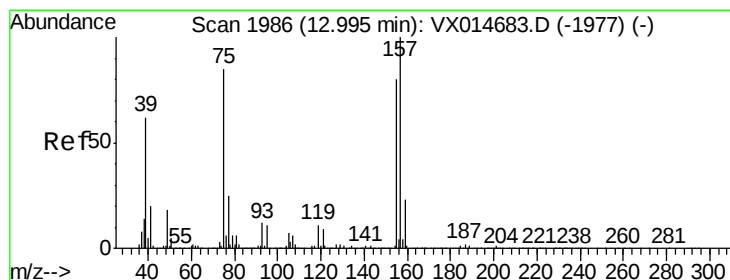
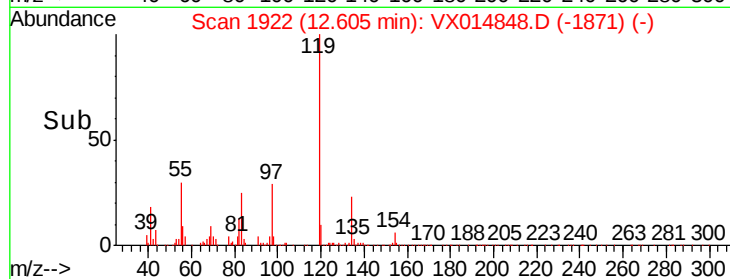
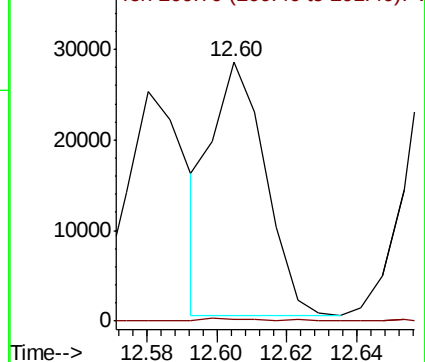
117 100

201 1.2 44.4 133.1#



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: 1.519 ug/l

RT: 12.97 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

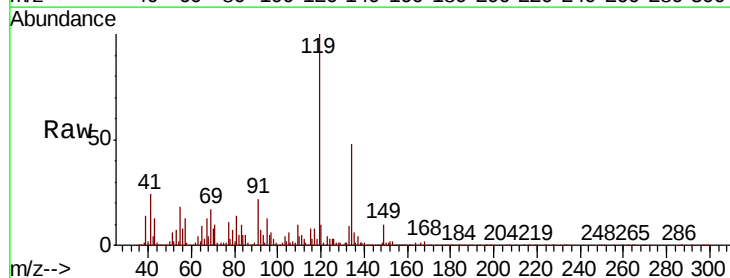
Tgt Ion: 75 Resp: 2677

Ion Ratio Lower Upper

75 100

155 0.0 45.6 136.9#

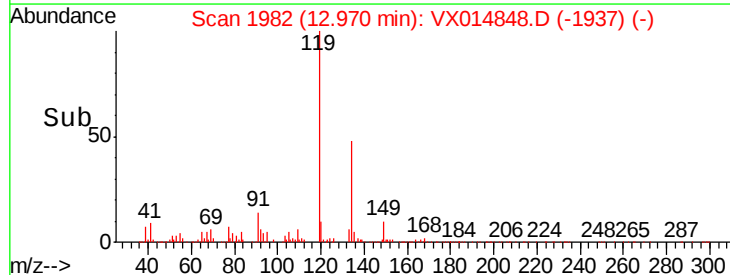
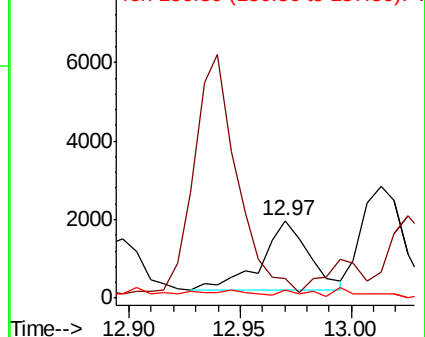
157 3.1 60.3 180.9#

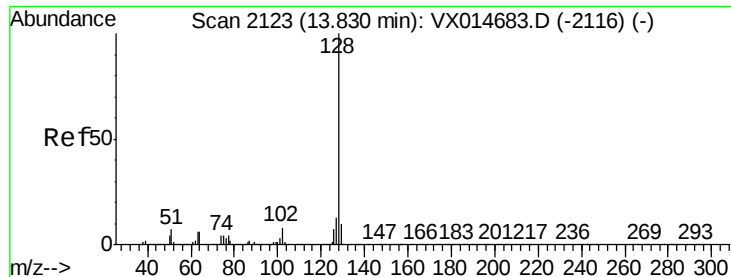


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 4.228 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

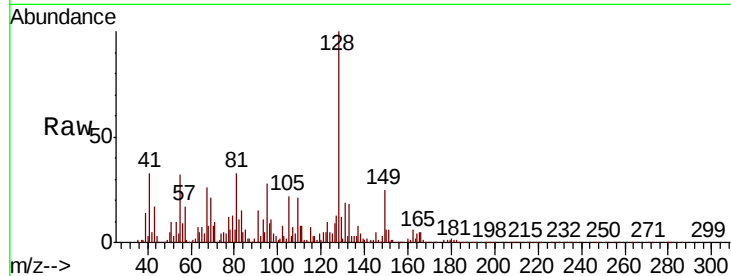
Tot Ion:128 Resp: 76932

Ion Ratio Lower Upper

128 100

127 15.5 10.3 15.5

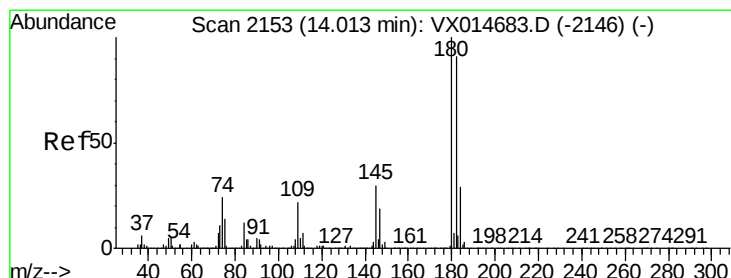
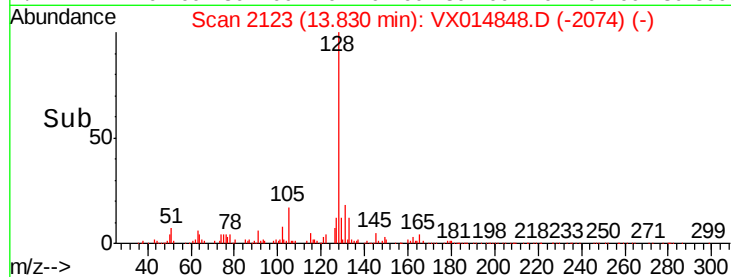
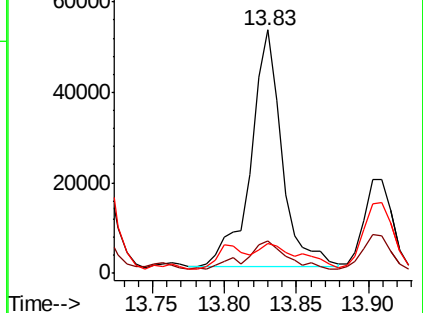
129 13.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.729 ug/l

RT: 14.03 min Scan# 2156

Delta R.T. 0.02 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

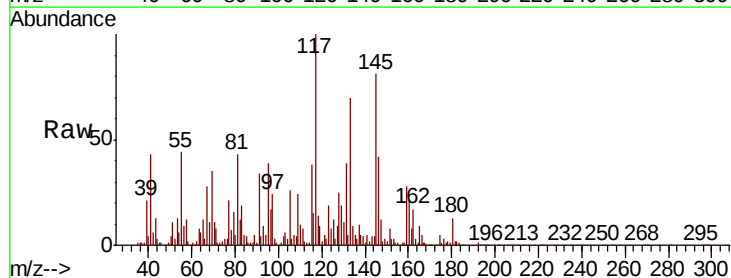
Tgt Ion:180 Resp: 5238

Ion Ratio Lower Upper

180 100

182 24.0 46.6 139.7#

145 1142.2 14.7 44.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

