

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020620\
 Data File : VX014858.D
 Acq On : 06 Feb 2020 19:16
 Operator : JC/SP
 Sample : L1390-01
 Misc : 7.03µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 07 00:51:56 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	456117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	691548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	619717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	343898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	246482	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
35) Dibromofluoromethane	5.50	113	197473	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	
50) Toluene-d8	8.71	98	839703	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.14	95	325174	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.17	85	255	0.572	ug/l #	46
5) Bromomethane	1.63	94	1287	0.284	ug/l #	62
6) Chloroethane	1.71	64	444	Below Cal	#	10
13) Acrolein	2.26	56	201	0.213	ug/l #	1
14) Allyl chloride	2.80	41	2920	0.358	ug/l #	64
15) Acrylonitrile	3.14	53	2522	0.912	ug/l #	49
18) Methyl Acetate	2.73	43	2649	0.318	ug/l #	62
20) Methylene Chloride	2.84	84	3796	0.703	ug/l #	82
29) Tetrahydrofuran	5.11	42	699	0.282	ug/l #	33
30) Chloroform	5.25	83	20470	2.347	ug/l #	22
31) Cyclohexane	5.56	56	244337	29.501	ug/l	97
36) 1,1-Dichloropropene	5.65	75	30333	4.720	ug/l #	54
38) Carbon Tetrachloride	5.65	117	40415	6.586	ug/l #	15
39) Methylcyclohexane	7.45	83	1425153	177.035	ug/l	96
40) Benzene	6.13	78	4679	0.236	ug/l	98
41) Methacrylonitrile	5.04	41	5011	0.943	ug/l #	41
43) Isopropyl Acetate	6.45	43	32172	2.669	ug/l #	61
45) 1,2-Dichloropropane	7.45	63	13594	2.658	ug/l #	1
46) Dibromomethane	7.62	93	691	0.209	ug/l #	1
47) Bromodichloromethane	7.84	83	20647	3.178	ug/l #	88
48) Methyl methacrylate	7.72	41	107794	18.720	ug/l #	50
49) 1,4-Dioxane	7.73	88	274	2.245	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	107410	14.121	ug/l #	40
52) Toluene	8.78	92	7066	0.579	ug/l	81
55) 1,1,2-Trichloroethane	9.16	97	334533	66.948	ug/l #	18
56) Ethyl methacrylate	9.16	69	85661	11.536	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.34	63	2476	0.985	ug/l #	46
59) 2-Hexanone	9.44	43	503994	85.385	ug/l #	29
60) Dibromochloromethane	9.55	129	1848	0.354	ug/l #	1
67) Ethyl Benzene	10.25	91	503131	22.230	ug/l	99
68) m/p-Xylenes	10.35	106	10253	1.196	ug/l #	51
69) o-Xylene	10.70	106	6248	0.755	ug/l	74
73) Isopropylbenzene	11.01	105	392094	16.215	ug/l	100
74) N-ethyl acetate	10.90	43	231528	21.850	ug/l #	1

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

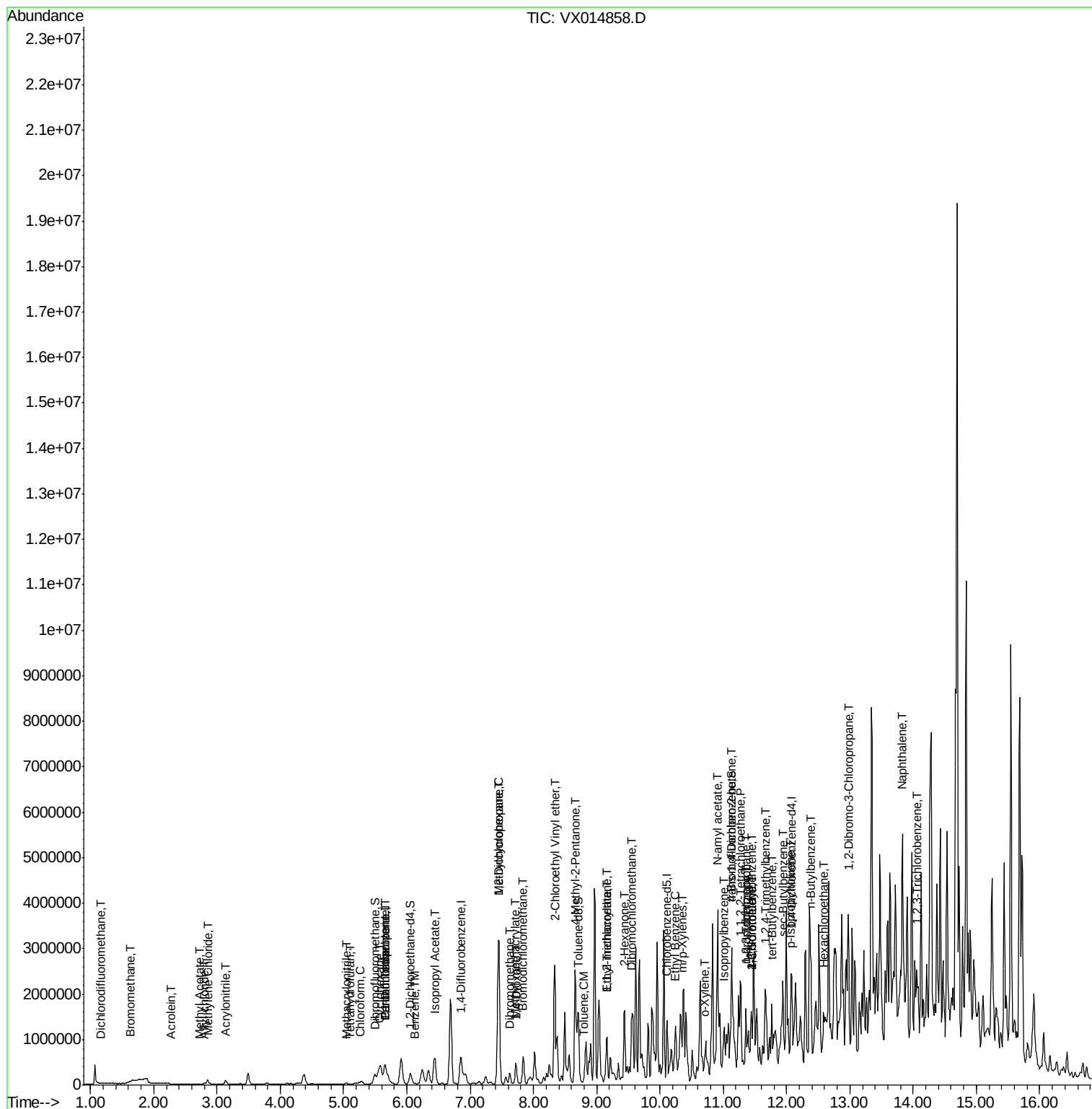
75) 1,1,2,2-Tetrachloroethane	11.27	83	138865	16.084	ug/l #	26
76) 1,2,3-Trichloropropane	11.35	75	4674	0.584	ug/l #	1
78) n-propylbenzene	11.35	91	804949	29.327	ug/l	100
79) 2-Chlorotoluene	11.45	91	26077	1.570	ug/l #	55
80) 1,3,5-Trimethylbenzene	11.45	105	172678	8.604	ug/l	71
81) trans-1,4-Dichloro-2-buten	11.14	75	148882	52.954	ug/l #	23
82) 4-Chlorotoluene	11.45	91	26077	1.379	ug/l #	60
83) tert-Butylbenzene	11.77	119	23369	1.239	ug/l	93
84) 1,2,4-Trimethylbenzene	11.67	105	446235	22.168	ug/l	76
85) sec-Butylbenzene	11.94	105	478366	20.706	ug/l	81
86) p-Isopropyltoluene	12.06	119	150095	7.030	ug/l	93
89) n-Butylbenzene	12.39	91	565763	30.425	ug/l #	84
90) Hexachloroethane	12.58	117	31521	7.948	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	9592	5.171	ug/l #	1
95) Naphthalene	13.83	128	2589450	106.347	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.05	180	7445	0.985	ug/l #	17

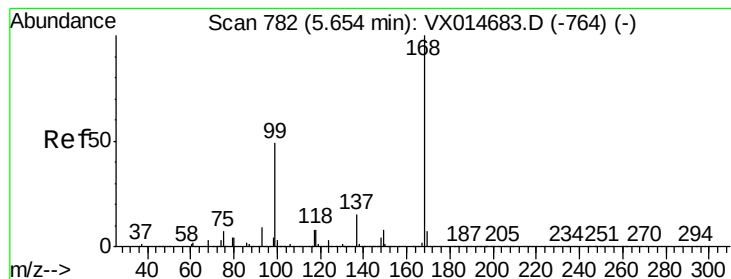
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

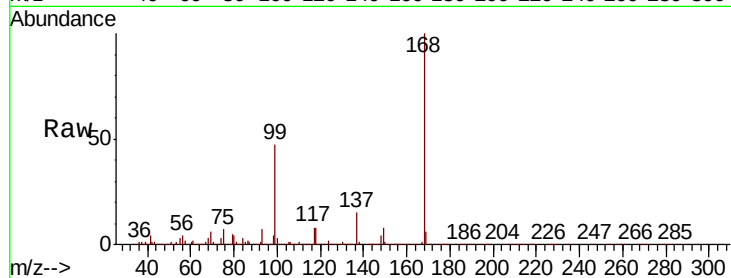
ClientSampleId :

Tot Ion:168 Resp: 456117

Ion Ratio Lower Upper

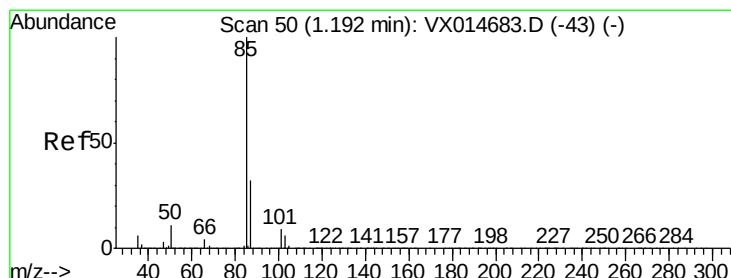
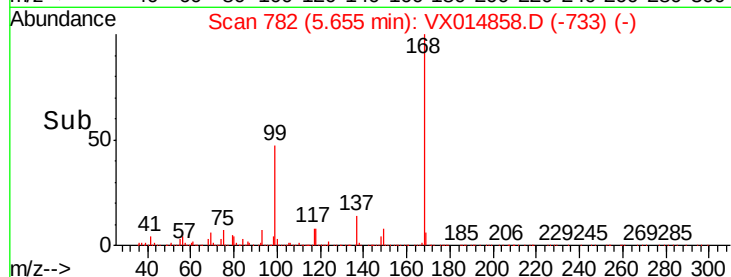
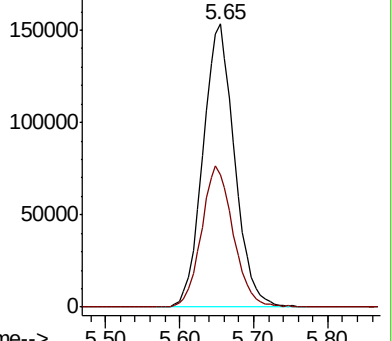
168 100

99 46.7 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.572 ug/l

RT: 1.17 min Scan# 47

Delta R.T. -0.02 min

Lab File: VX014858.D

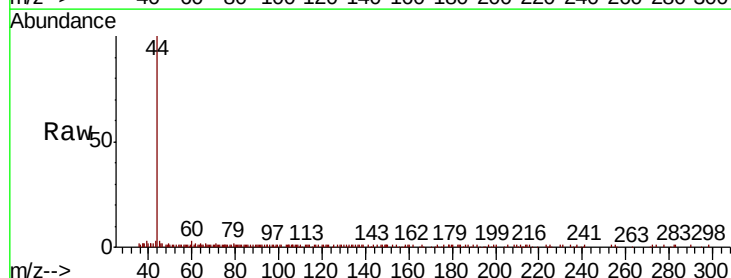
Acq: 06 Feb 2020 19:16

Tgt Ion: 85 Resp: 255

Ion Ratio Lower Upper

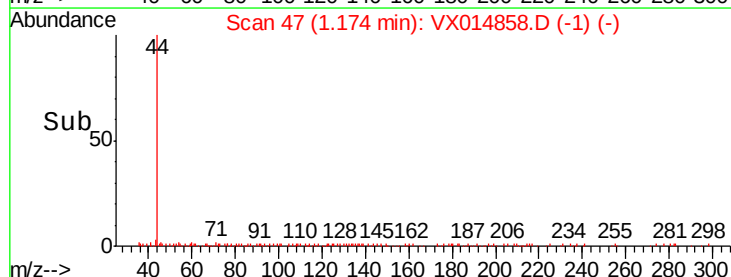
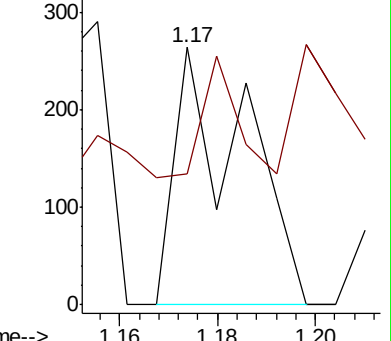
85 100

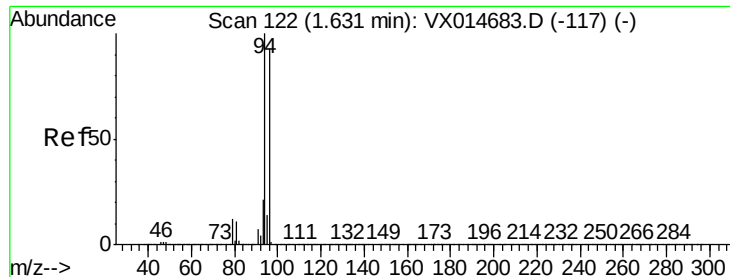
87 2.1 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: 0.284 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

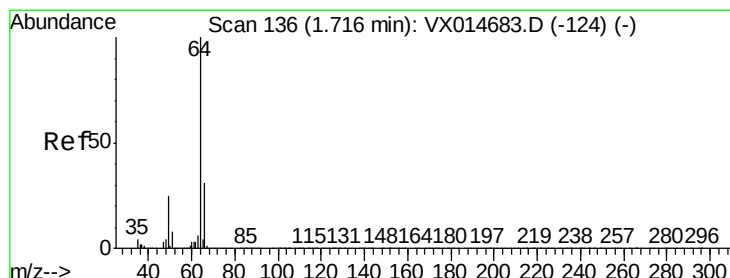
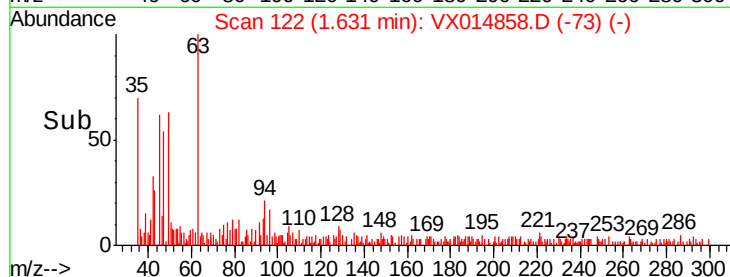
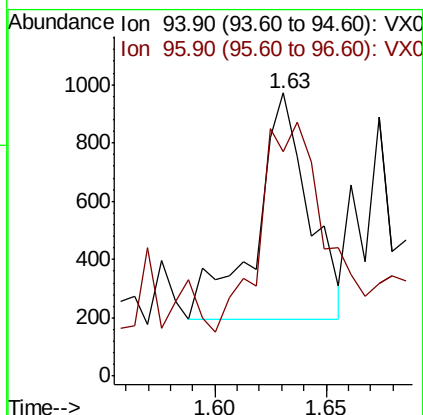
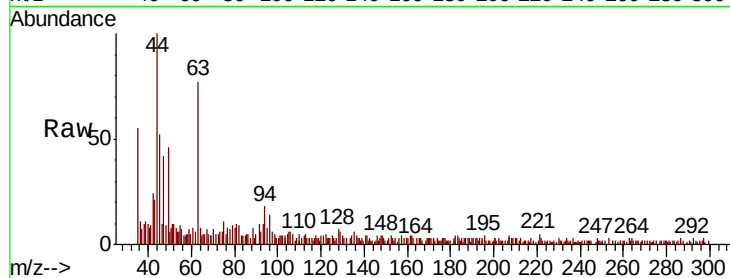
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 1287

Ion Ratio Lower Upper

94 100

96 56.6 74.7 112.1#



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX014858.D

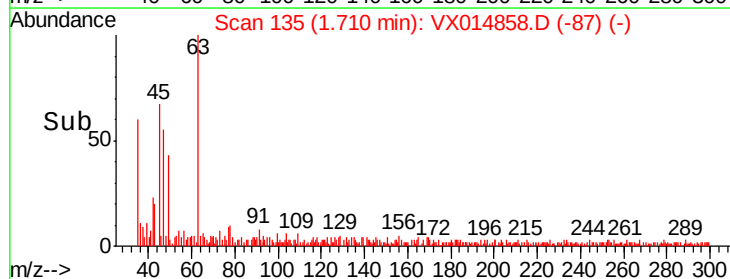
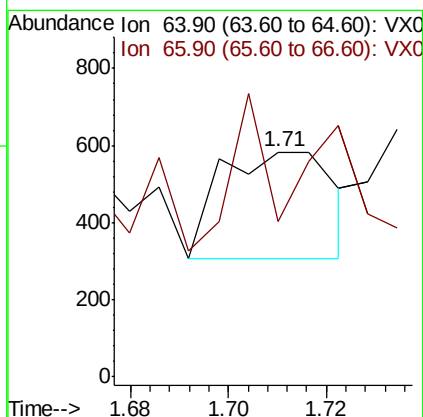
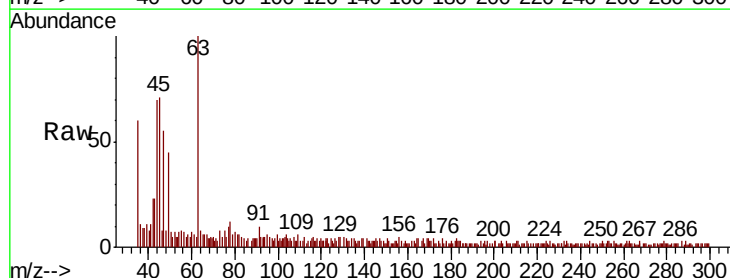
Acq: 06 Feb 2020 19:16

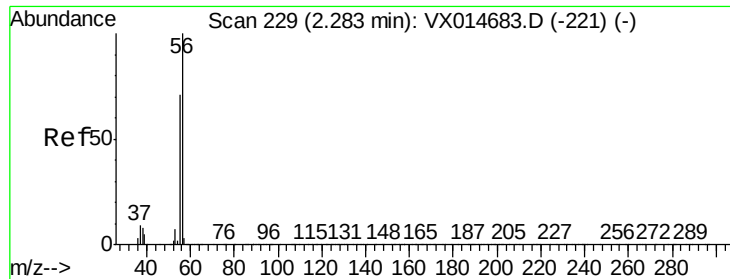
Tgt Ion: 64 Resp: 444

Ion Ratio Lower Upper

64 100

66 81.5 25.2 37.8#

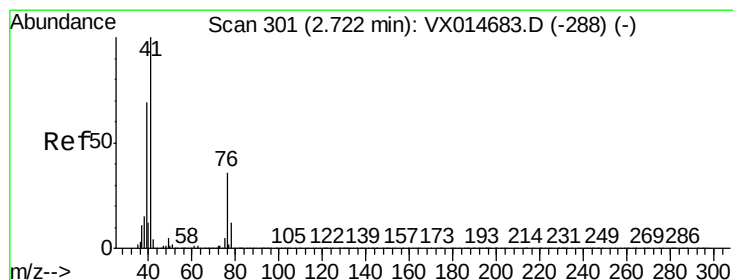
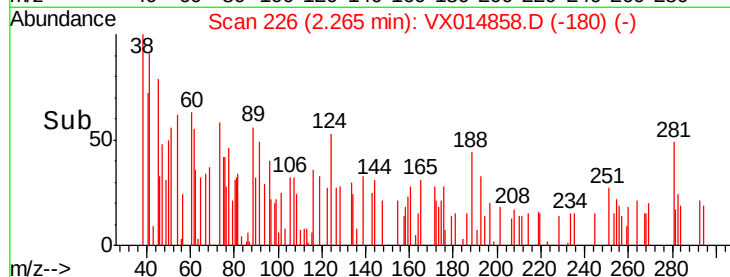
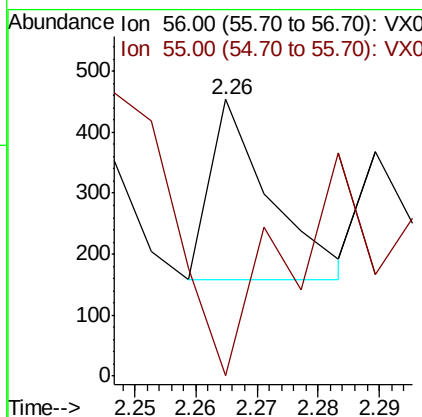
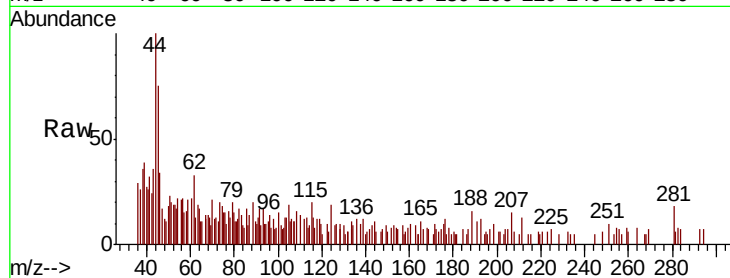




#13
Acrolein
Concen: 0.213 ug/l
RT: 2.26 min Scan# 226
Delta R.T. -0.02 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

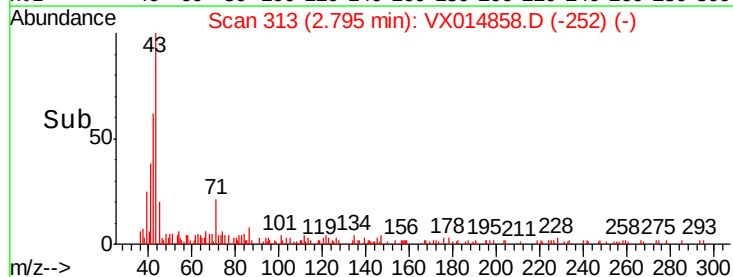
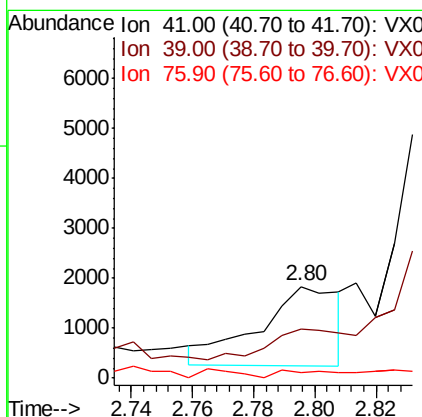
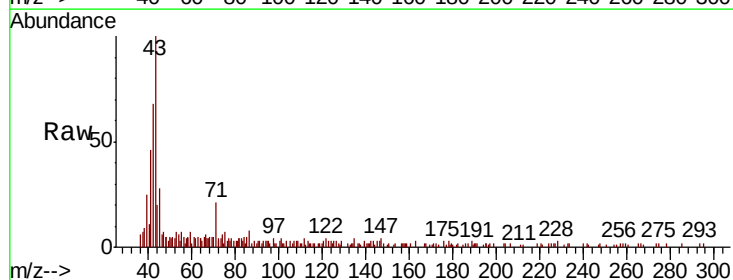
Instrument :
MSVOA_X
ClientSampled :

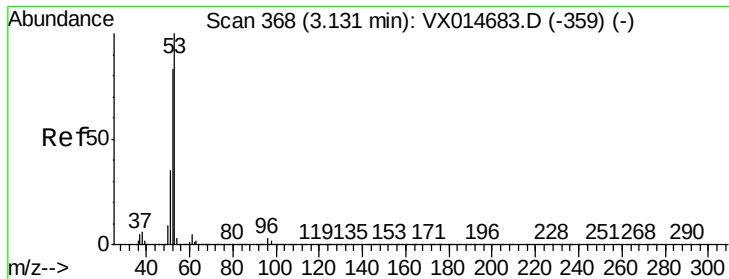
Tot Ion: 56 Resp: 201
Ion Ratio Lower Upper
56 100
55 166.7 56.6 84.8#



#14
Allyl chloride
Concen: 0.358 ug/l
RT: 2.80 min Scan# 313
Delta R.T. 0.07 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

Tgt Ion: 41 Resp: 2920
Ion Ratio Lower Upper
41 100
39 40.1 52.0 78.0#
76 7.7 26.0 39.0#

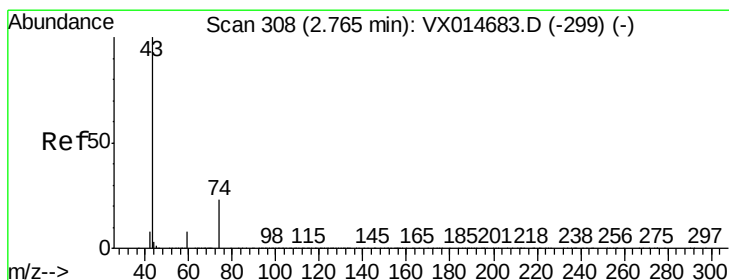
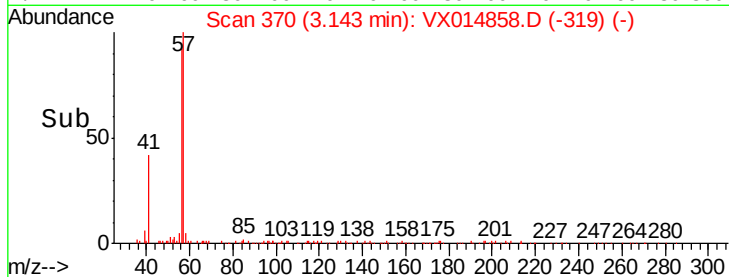
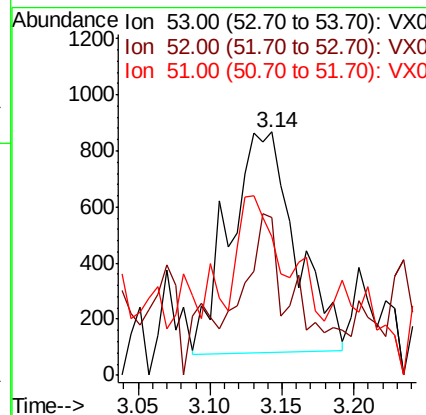
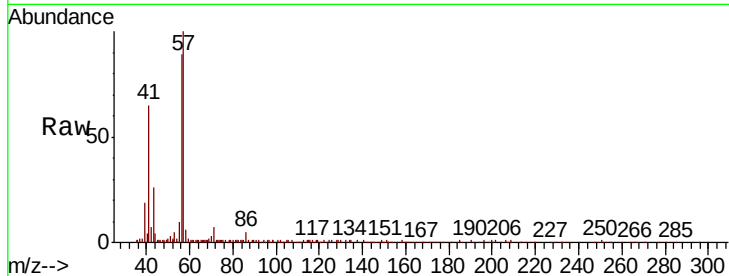




#15
 Acrylonitrile
 Concen: 0.912 ug/l
 RT: 3.14 min Scan# 370
 Delta R.T. 0.01 min
 Lab File: VX014858.D
 Acq: 06 Feb 2020 19:16

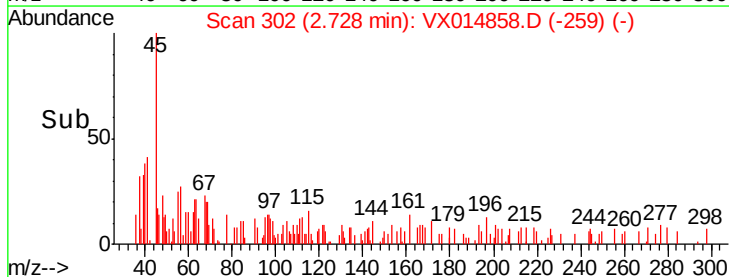
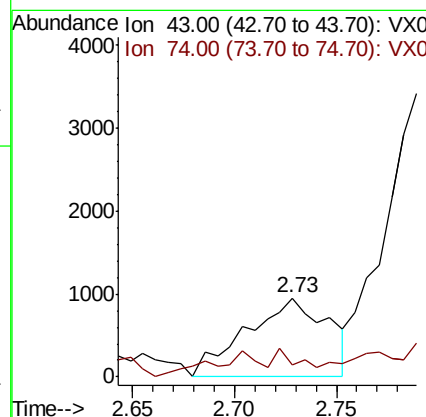
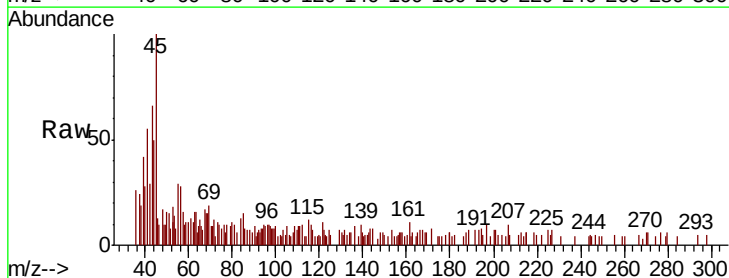
Instrument :
 MSVOA_X
 ClientSampled :

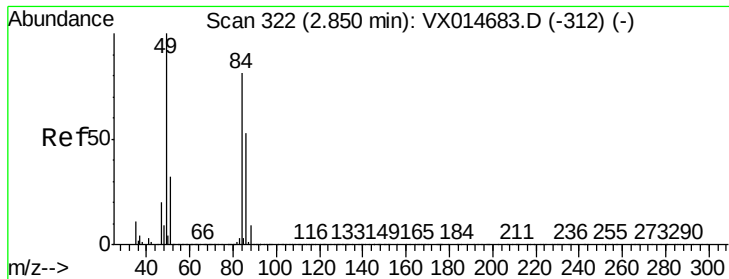
Tot Ion: 53 Resp: 2522
 Ion Ratio Lower Upper
 53 100
 52 21.0 66.4 99.6#
 51 40.9 28.7 43.1



#18
 Methyl Acetate
 Concen: 0.318 ug/l
 RT: 2.73 min Scan# 302
 Delta R.T. -0.04 min
 Lab File: VX014858.D
 Acq: 06 Feb 2020 19:16

Tgt Ion: 43 Resp: 2649
 Ion Ratio Lower Upper
 43 100
 74 4.9 18.5 27.7#

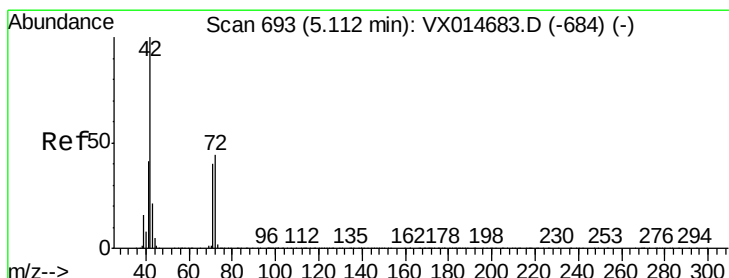
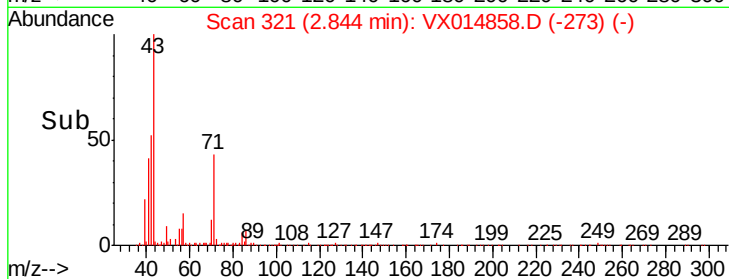
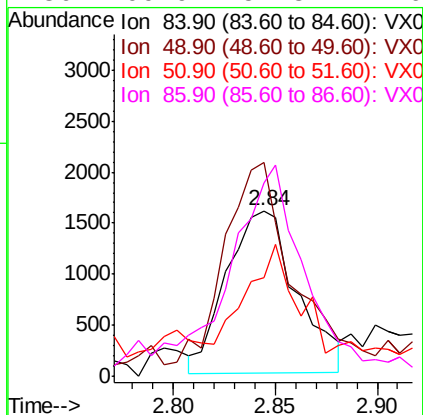
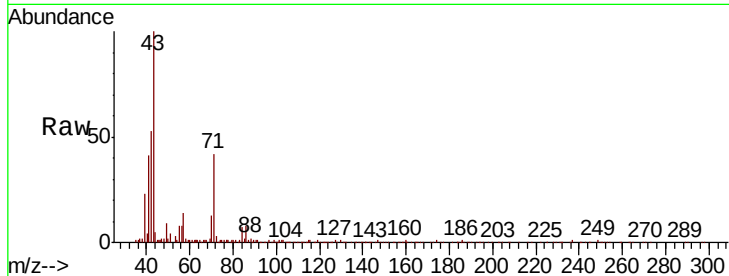




#20
Methylene Chloride
Concen: 0.703 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

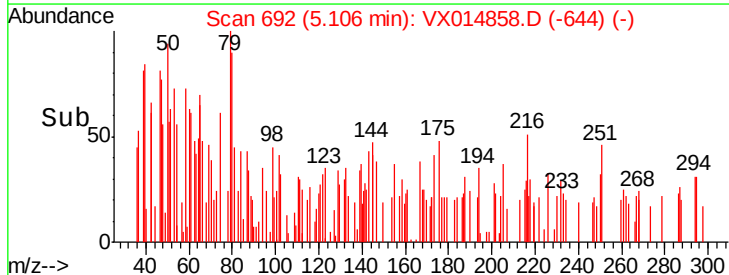
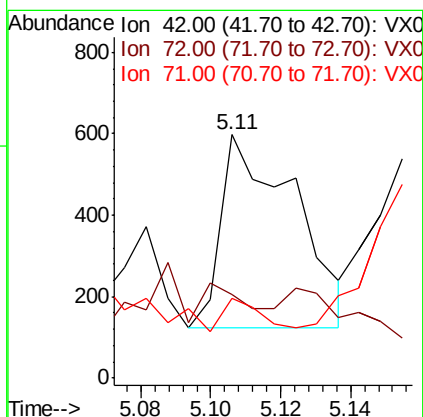
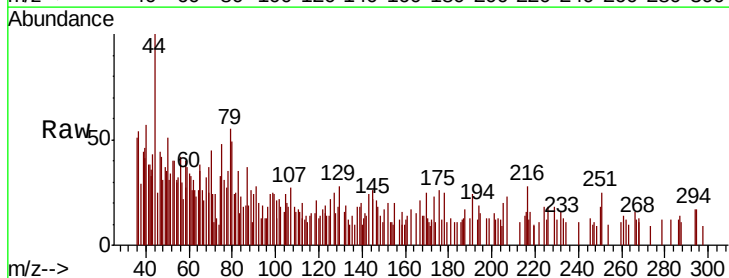
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MSVOA_X
ClientSampleId :

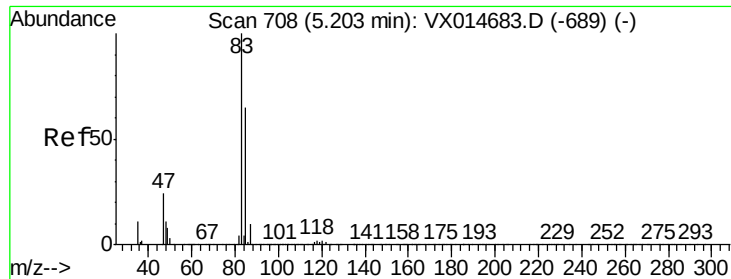
Tot Ion:	84	Resp:	3796
Ion	Ratio	Lower	Upper
84	100		
49	122.0	98.2	147.4
51	42.8	31.3	46.9
86	109.9	51.8	77.6#



#29
Tetrahydrofuran
Concen: 0.282 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

Tgt Ion:	42	Resp:	699
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.3	52.9#
71	0.0	33.1	49.7#

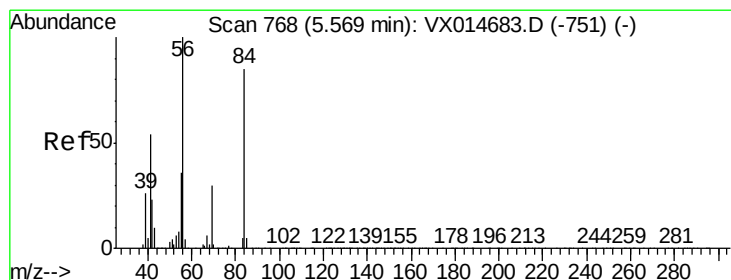
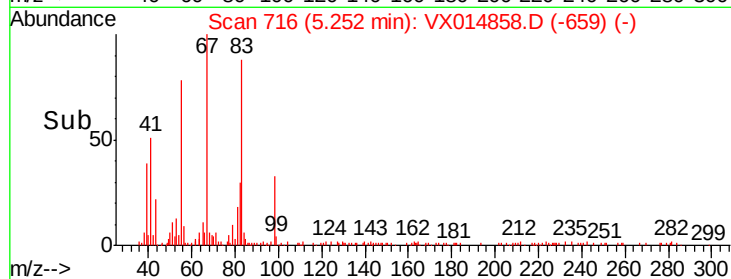
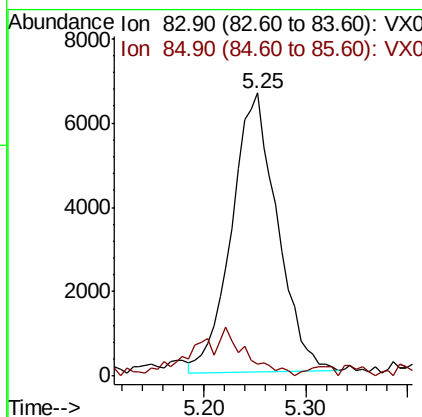
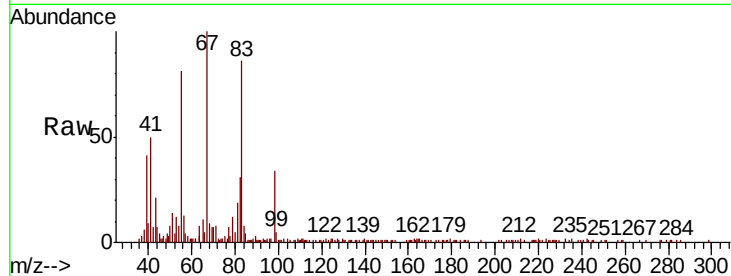




#30
Chloroform
Concen: 2.347 ug/l
RT: 5.25 min Scan# 716
Delta R.T. 0.05 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

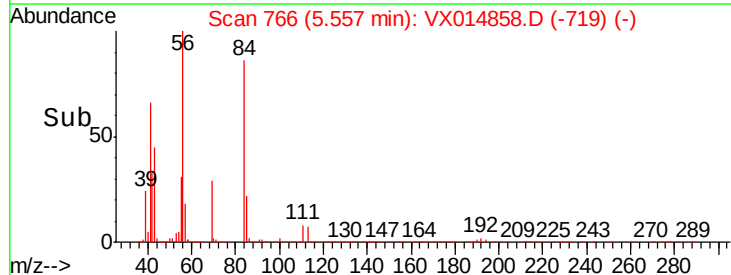
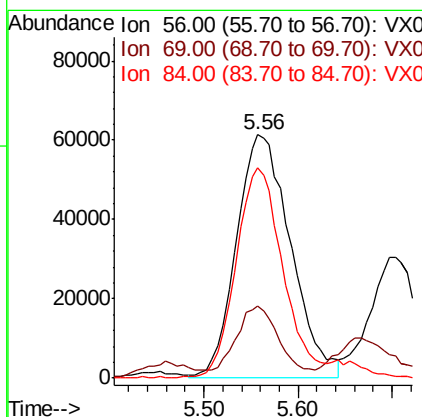
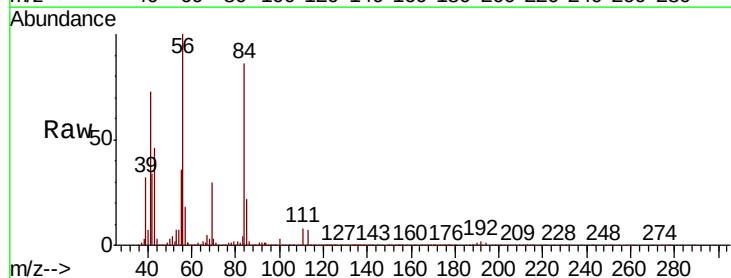
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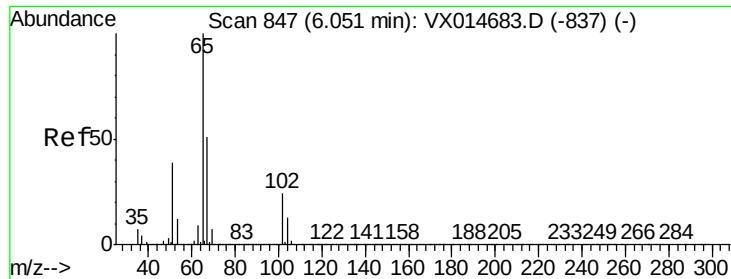
Tot Ion: 83 Resp: 20470
Ion Ratio Lower Upper
83 100
85 3.1 51.7 77.5#



#31
Cyclohexane
Concen: 29.501 ug/l
RT: 5.56 min Scan# 766
Delta R.T. -0.01 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

Tgt Ion: 56 Resp: 244337
Ion Ratio Lower Upper
56 100
69 25.5 23.4 35.2
84 86.8 68.4 102.6

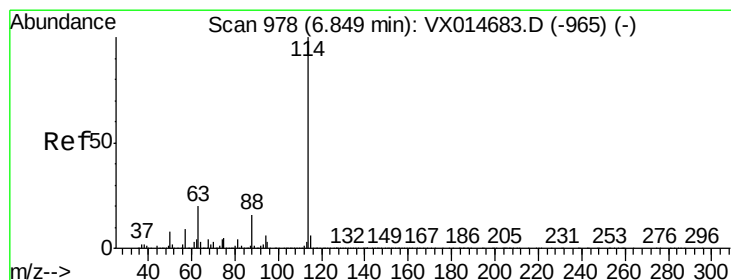
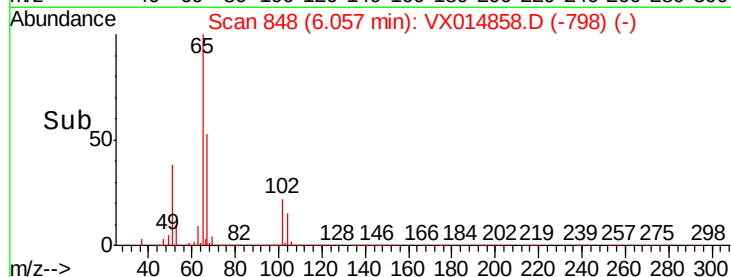
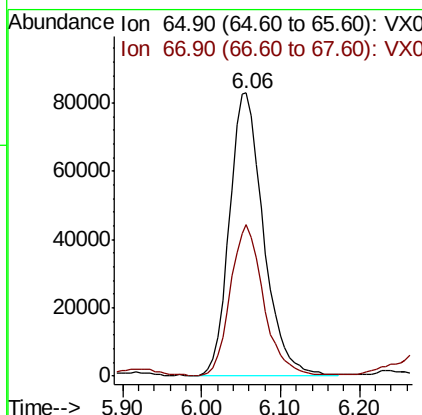
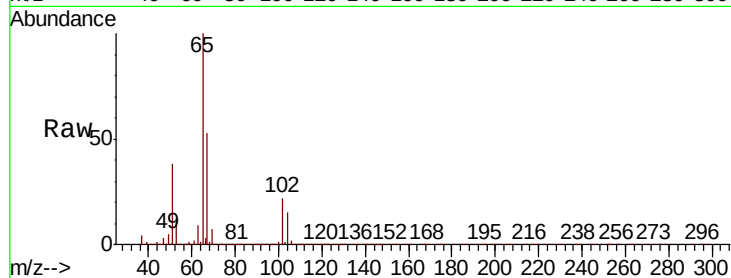




#33
 1,2-Dichloroethane-d4
 Concen: 46.276 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014858.D
 Acq: 06 Feb 2020 19:16

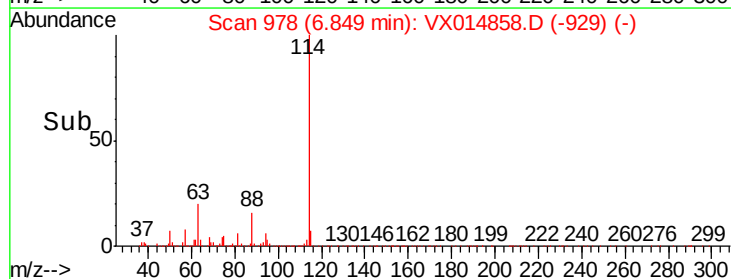
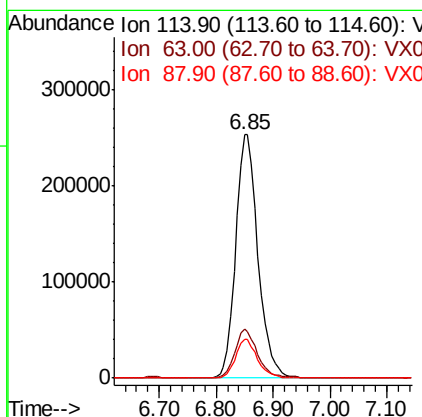
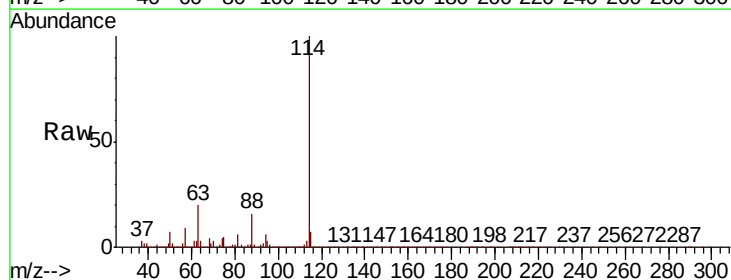
Instrument :
 MSVOA_X
 ClientSampleId :

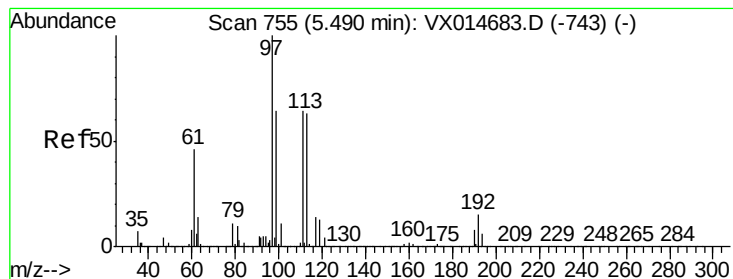
Tot Ion: 65 Resp: 246482
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014858.D
 Acq: 06 Feb 2020 19:16

Tgt Ion: 114 Resp: 691548
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 15.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 45.254 ug/l

RT: 5.50 min Scan# 756

Delta R.T. 0.01 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

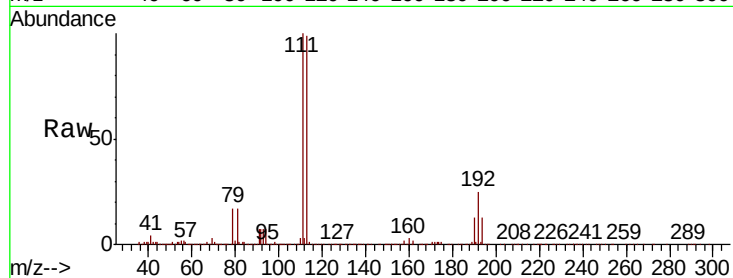
Tot Ion:113 Resp: 197473

Ion Ratio Lower Upper

113 100

111 102.7 80.7 121.1

192 24.4 18.5 27.7

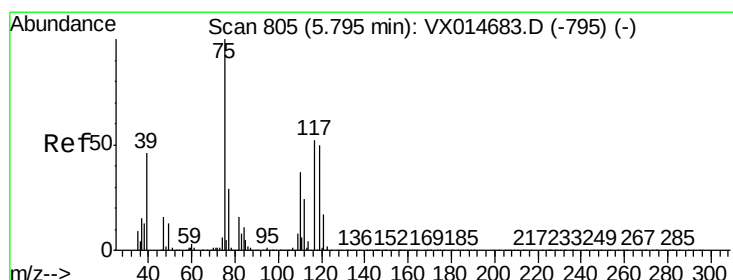
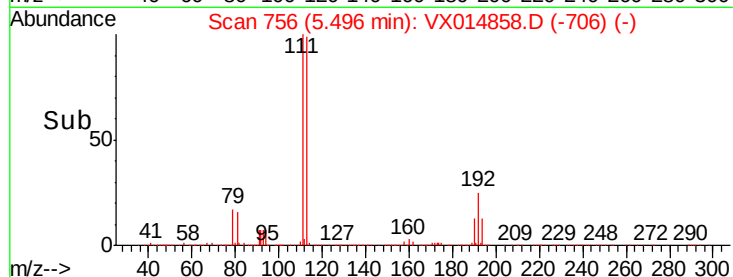
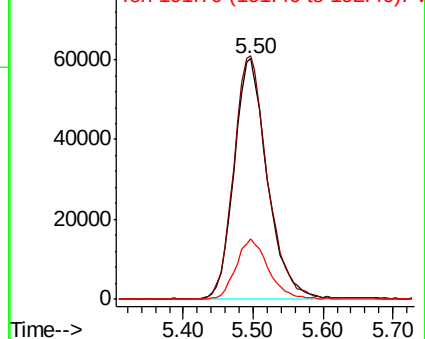


Abundance

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: 4.720 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.14 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

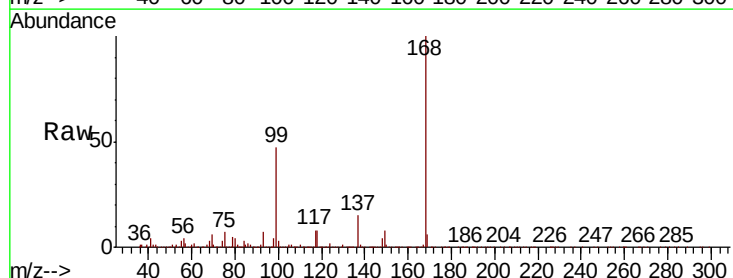
Tgt Ion: 75 Resp: 30333

Ion Ratio Lower Upper

75 100

110 12.4 17.9 53.7#

77 0.7 24.1 36.1#

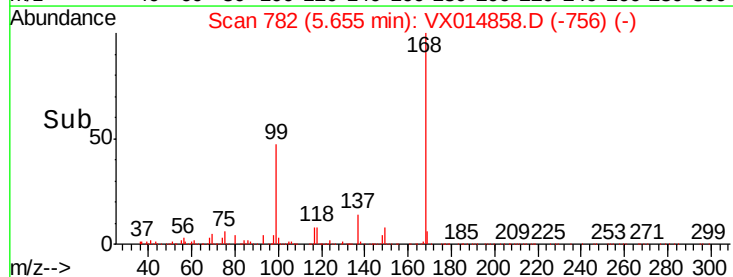
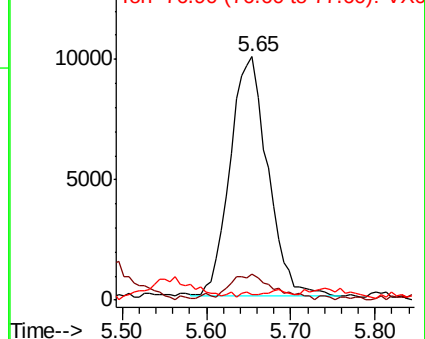


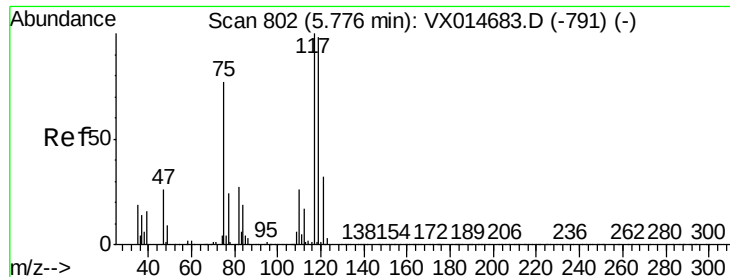
Abundance

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





#38

Carbon Tetrachloride

Concen: 6.586 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :

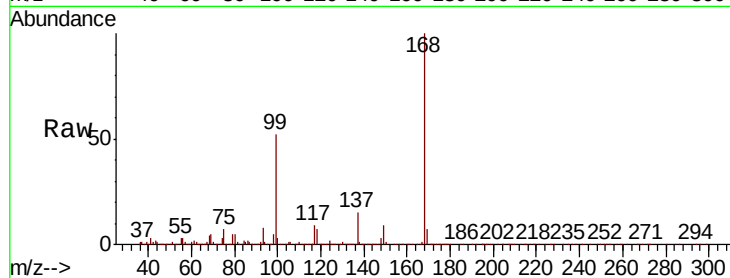
Tot Ion:117 Resp: 40415

Ion Ratio Lower Upper

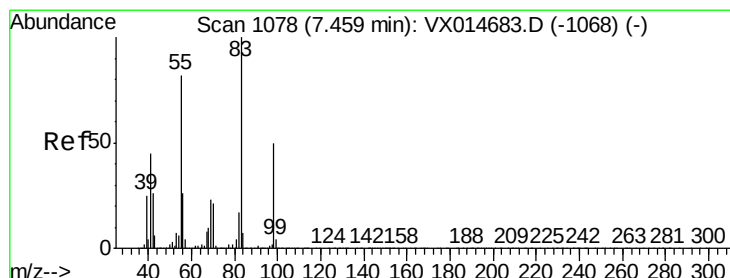
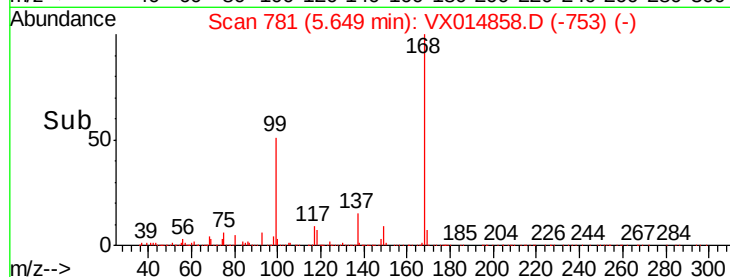
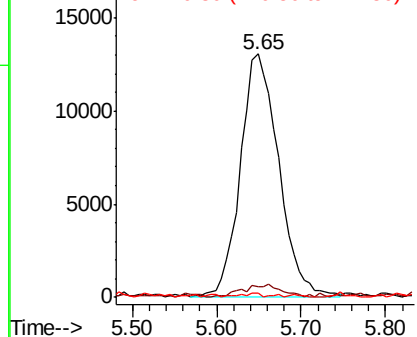
117 100

119 3.7 77.9 116.9#

121 1.2 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

Methylcyclohexane

Concen: 177.035 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

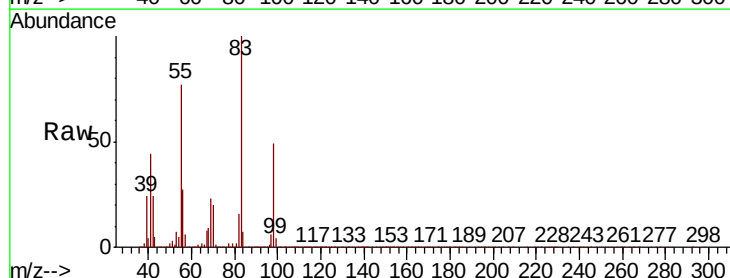
Tgt Ion: 83 Resp: 1425153

Ion Ratio Lower Upper

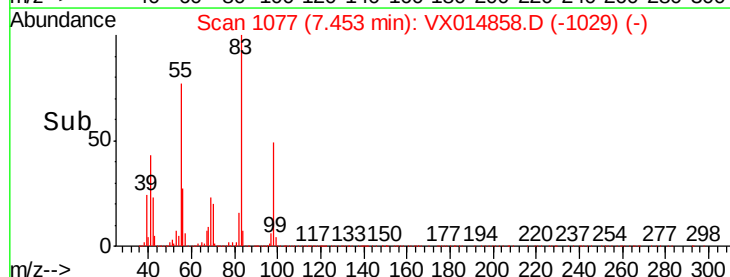
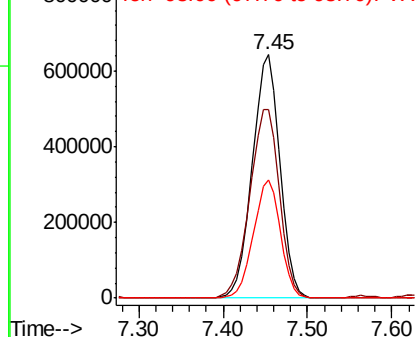
83 100

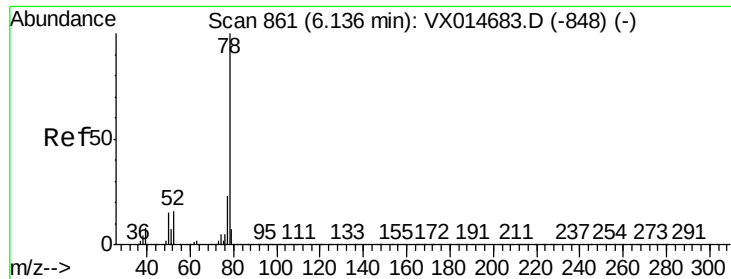
55 77.1 65.6 98.4

98 48.8 40.2 60.4



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





#40

Benzene

Concen: 0.236 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

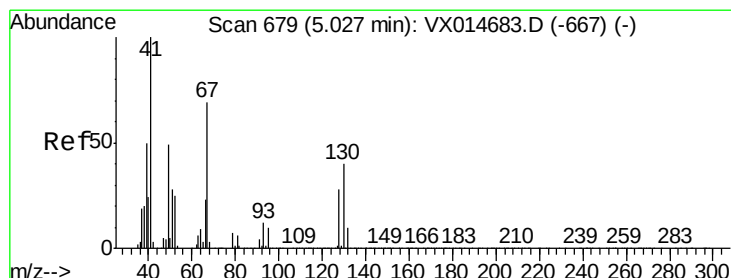
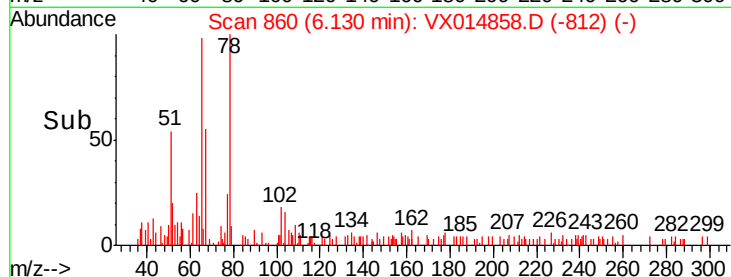
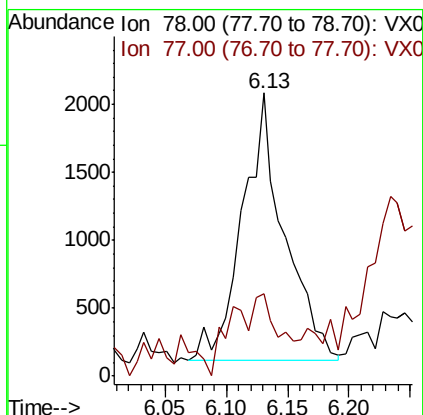
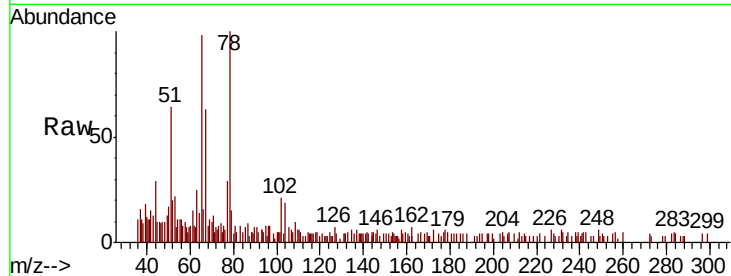
ClientSampleId :

Tot Ion: 78 Resp: 4679

Ion Ratio Lower Upper

78 100

77 22.2 18.7 28.1



#41

Methacrylonitrile

Concen: 0.943 ug/l

RT: 5.04 min Scan# 681

Delta R.T. 0.01 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Tgt Ion: 41 Resp: 5011

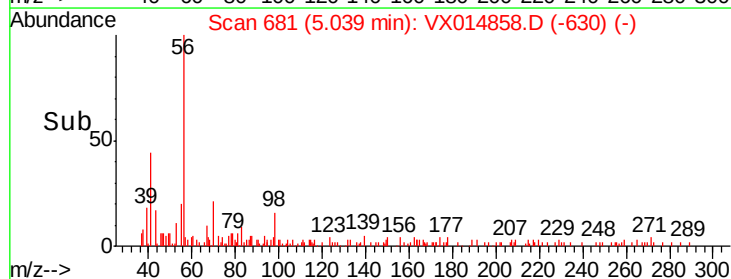
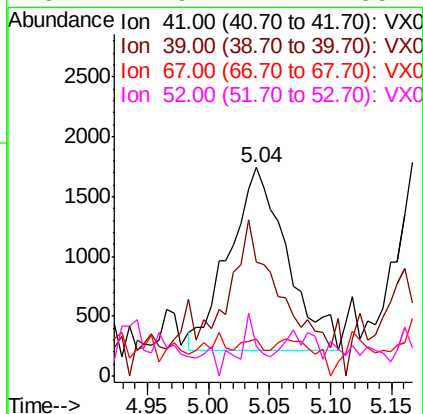
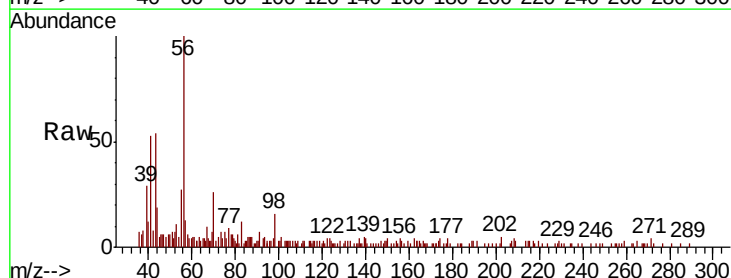
Ion Ratio Lower Upper

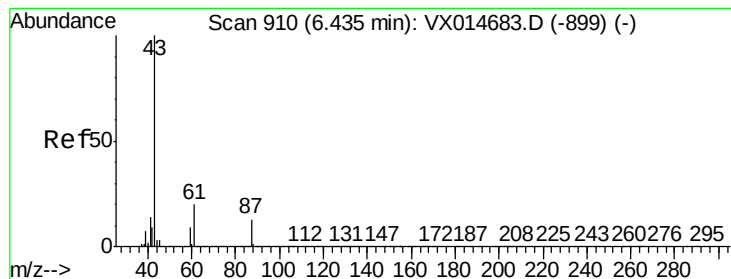
41 100

39 80.9 42.2 63.2#

67 0.0 55.4 83.0#

52 11.9 22.1 33.1#





#43

Isopropyl Acetate

Concen: 2.669 ug/l

RT: 6.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

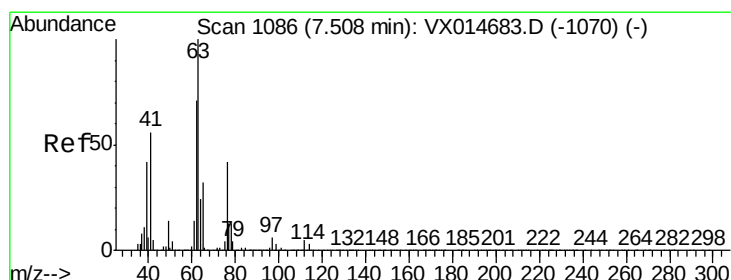
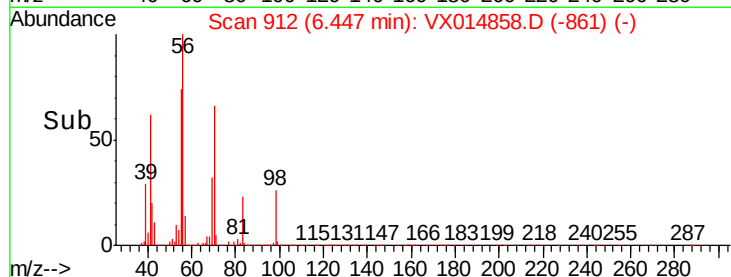
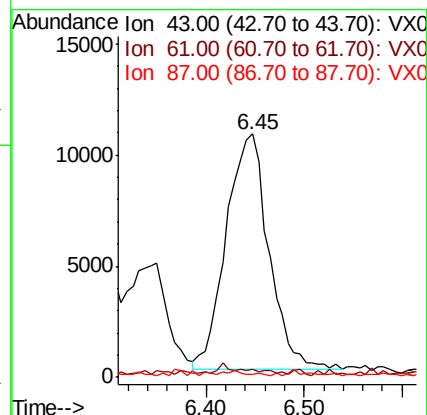
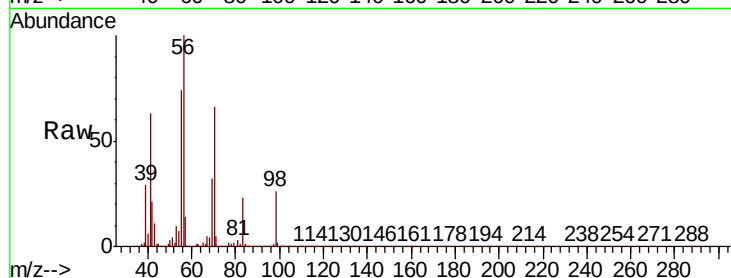
Tot Ion: 43 Resp: 32172

Ion Ratio Lower Upper

43 100

61 0.0 16.2 24.4#

87 0.2 10.5 15.7#



#45

1,2-Dichloropropane

Concen: 2.658 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.05 min

Lab File: VX014858.D

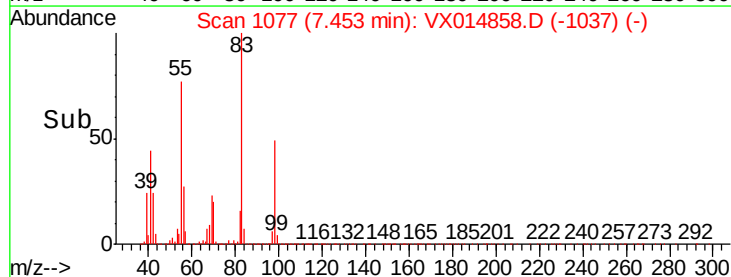
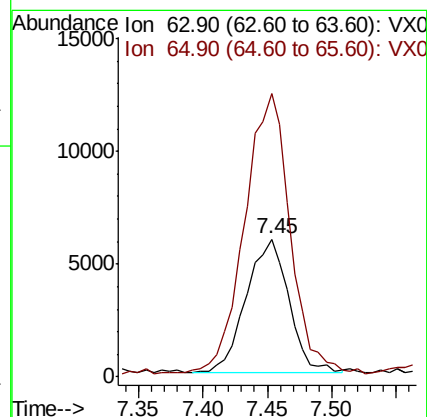
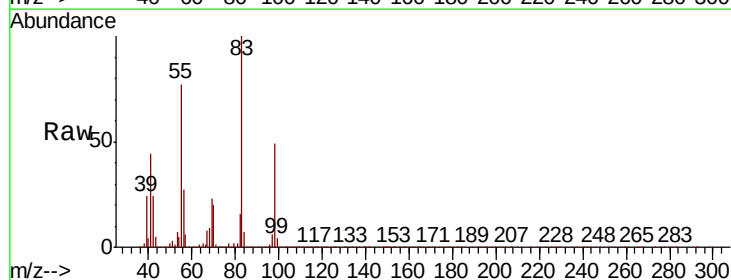
Acq: 06 Feb 2020 19:16

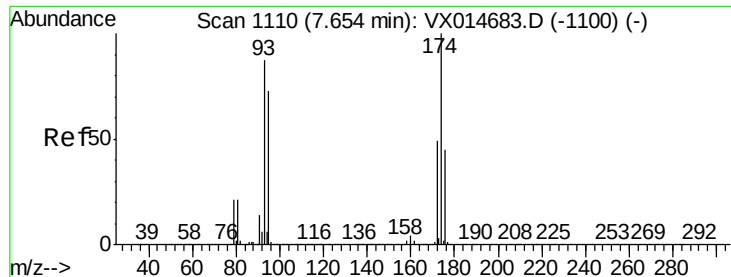
Tgt Ion: 63 Resp: 13594

Ion Ratio Lower Upper

63 100

65 206.2 25.2 37.8#





#46

Dibromomethane

Concen: 0.209 ug/l

RT: 7.62 min Scan# 1104

Delta R.T. -0.04 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

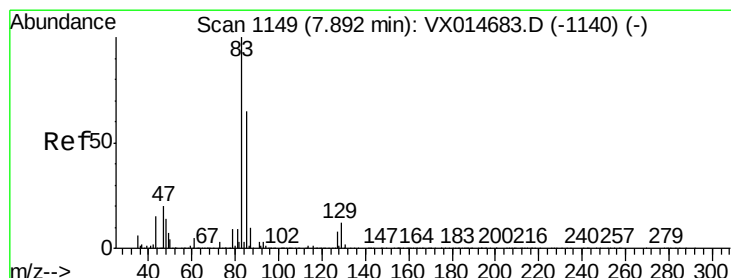
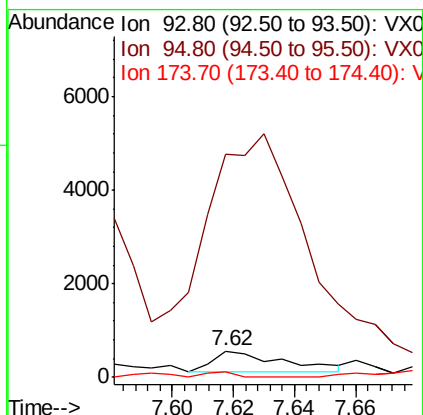
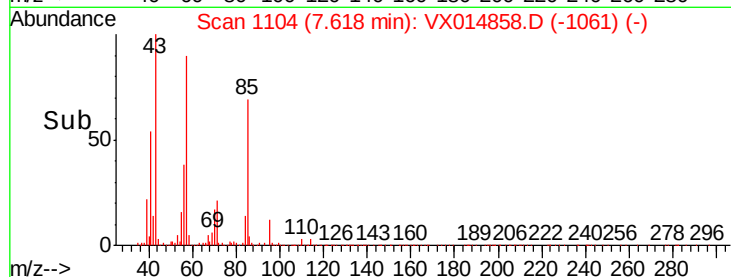
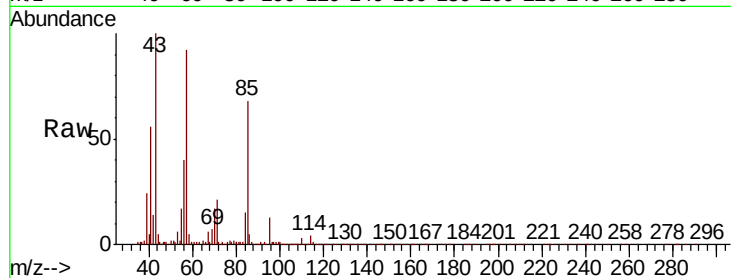
Tot Ion: 93 Resp: 691

Ion Ratio Lower Upper

93 100

95 1826.8 67.0 100.4#

174 11.4 90.2 135.2#



#47

Bromodichloromethane

Concen: 3.178 ug/l

RT: 7.84 min Scan# 1141

Delta R.T. -0.05 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

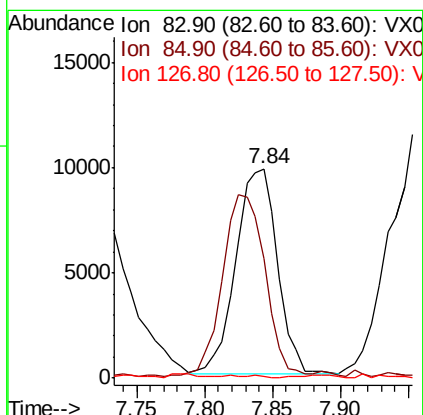
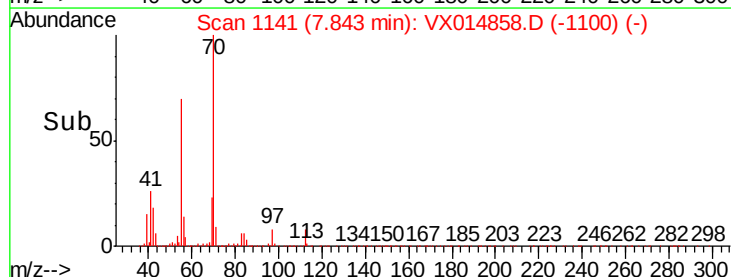
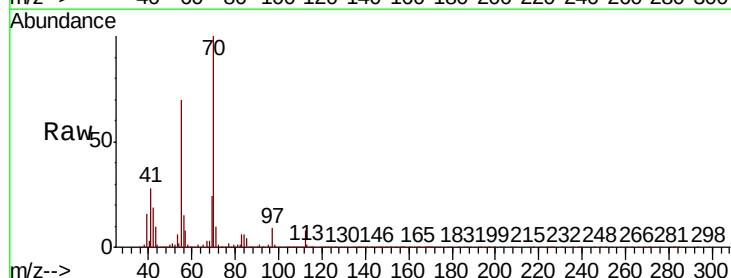
Tgt Ion: 83 Resp: 20647

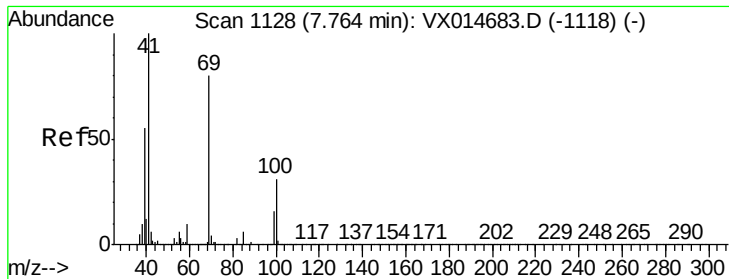
Ion Ratio Lower Upper

83 100

85 57.0 52.2 78.2

127 0.0 6.4 9.6#

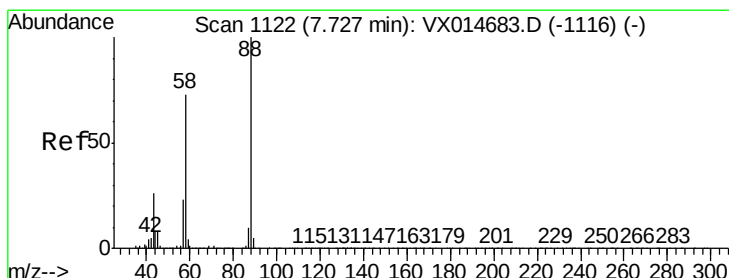
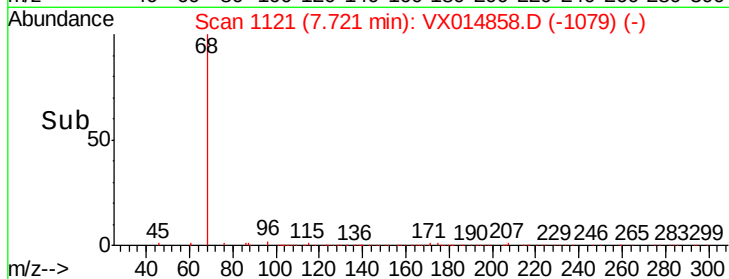
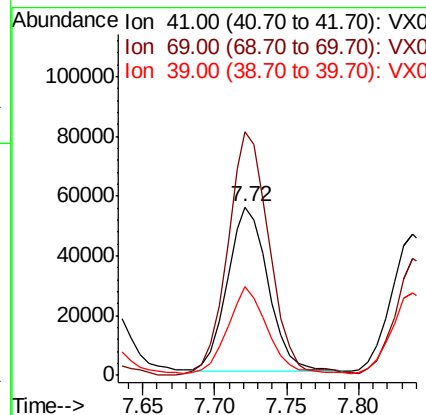
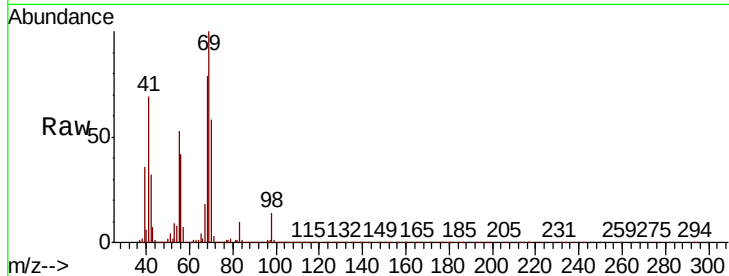




#48
Methvl methacrylate
Concen: 18.720 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.04 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

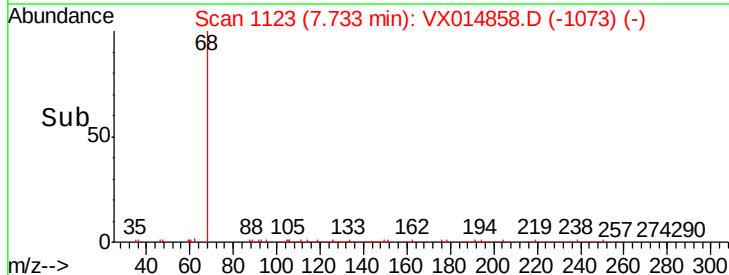
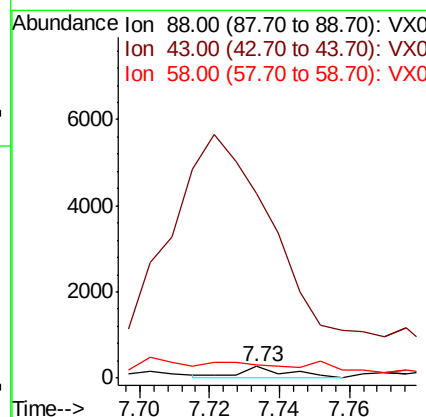
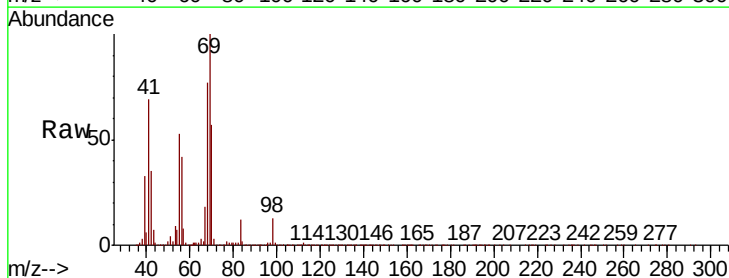
Instrument :
MSVOA_X
ClientSampled :

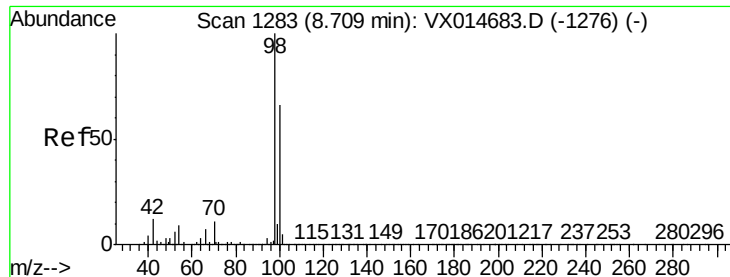
Tot Ion: 41 Resp: 107794
Ion Ratio Lower Upper
41 100
69 151.1 63.5 95.3#
39 50.8 43.7 65.5



#49
1,4-Dioxane
Concen: 2.245 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

Tgt Ion: 88 Resp: 274
Ion Ratio Lower Upper
88 100
43 5019.7 26.2 39.2#
58 0.0 56.6 85.0#

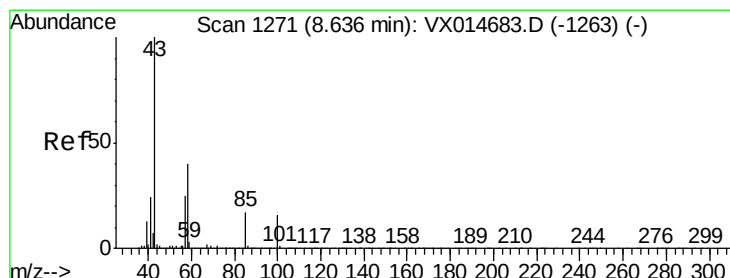
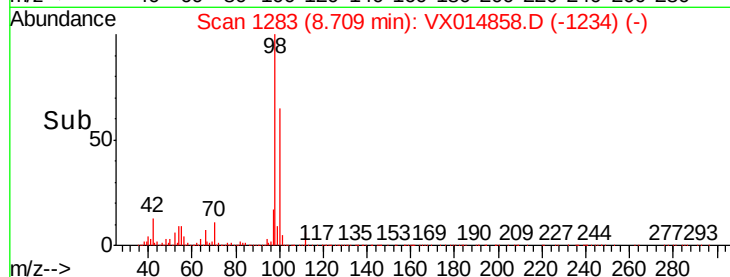
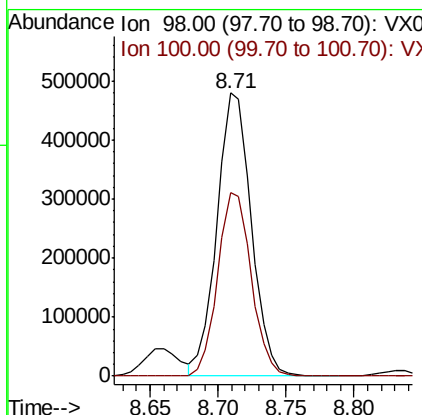
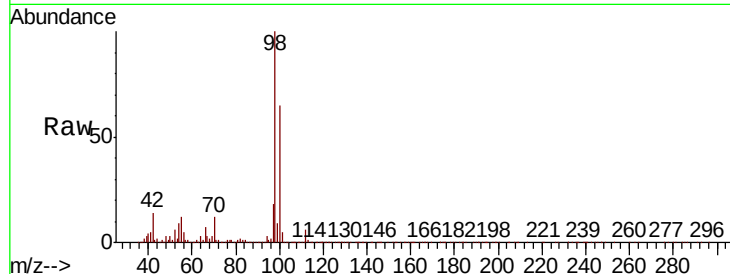




#50
Toluene-d8
Concen: 50.055 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

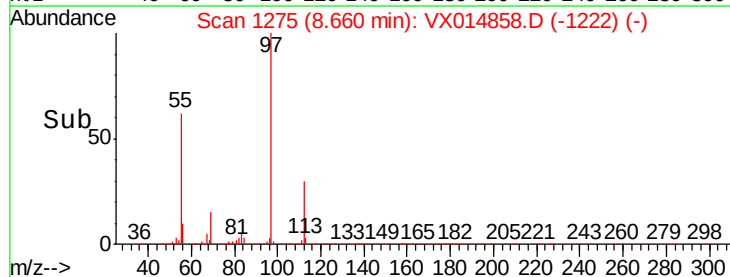
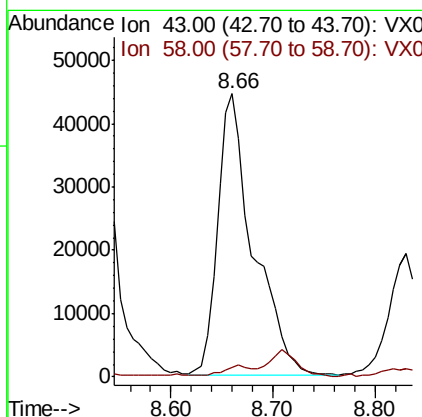
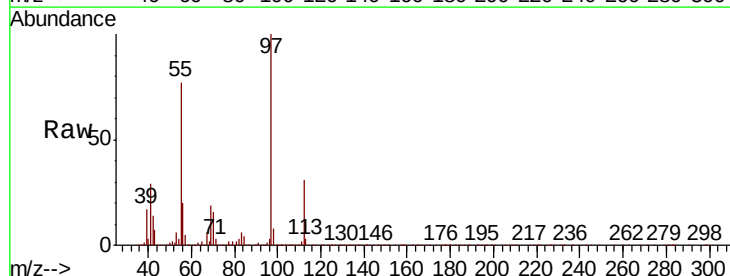
Instrument :
MSVOA_X
ClientSampleId :

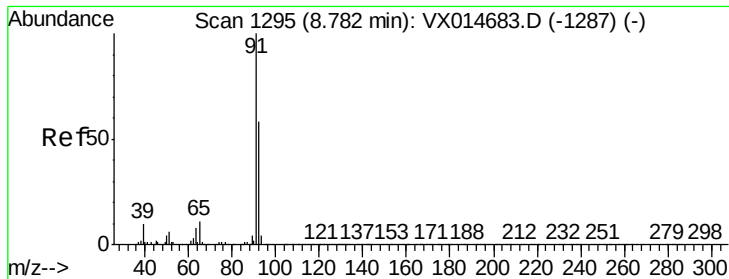
Tot Ion: 98 Resp: 839703
Ion Ratio Lower Upper
98 100
100 63.5 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 14.121 ug/l
RT: 8.66 min Scan# 1275
Delta R.T. 0.02 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

Tgt Ion: 43 Resp: 107410
Ion Ratio Lower Upper
43 100
58 2.4 31.6 47.4#





#52

Toluene

Concen: 0.579 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

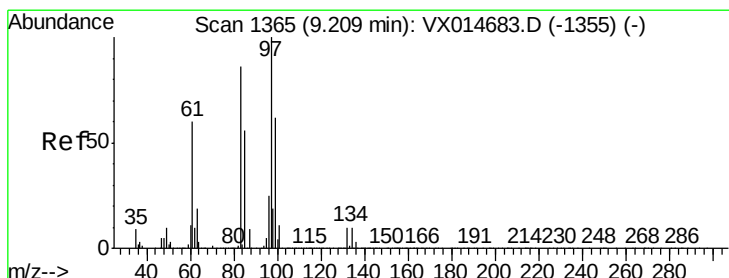
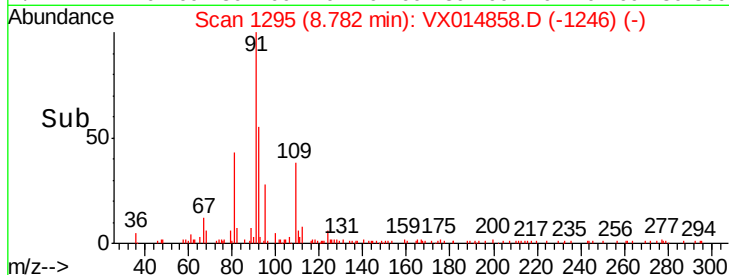
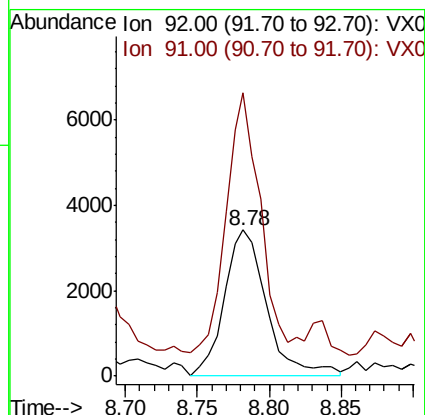
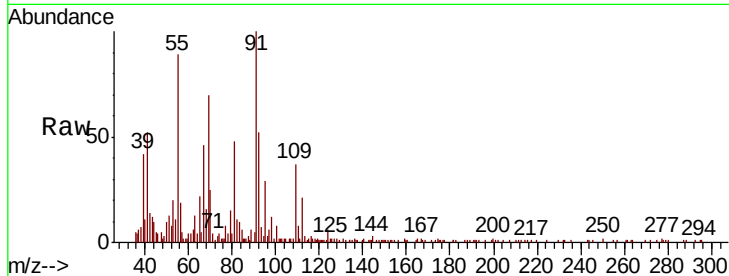
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 7066

Ion Ratio Lower Upper

92 100

91 143.7 135.9 203.9



#55

1,1,2-Trichloroethane

Concen: 66.948 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Tgt Ion: 97 Resp: 334533

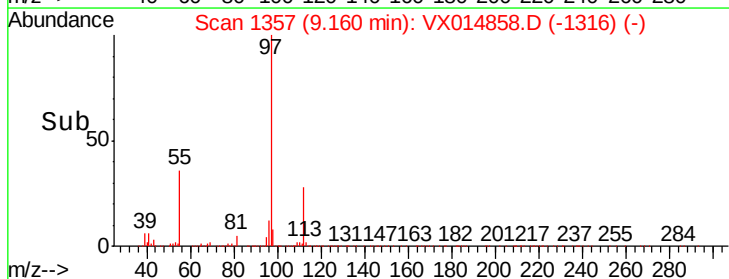
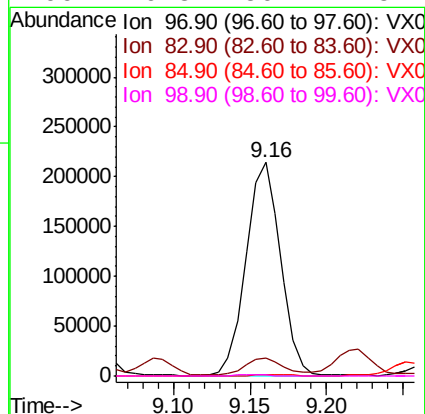
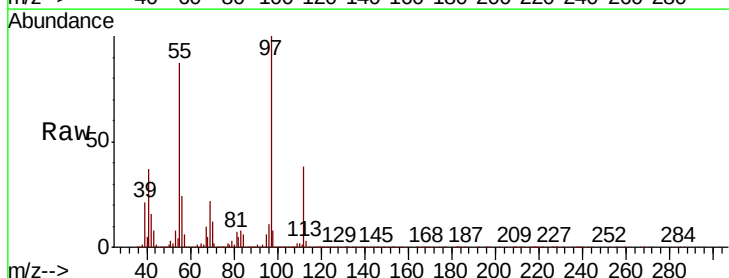
Ion Ratio Lower Upper

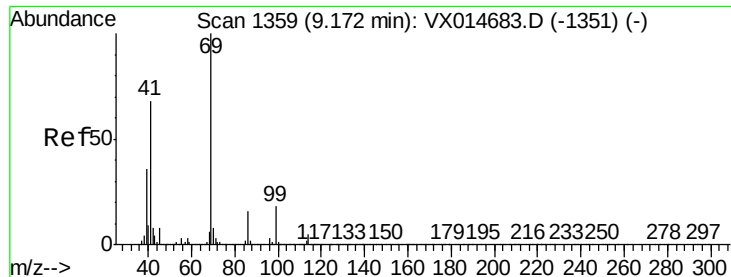
97 100

83 7.3 69.2 103.8#

85 0.3 44.6 67.0#

99 0.3 50.1 75.1#





#56

Ethyl methacrylate

Concen: 11.536 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

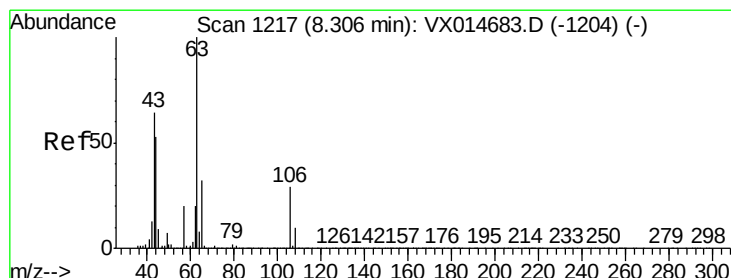
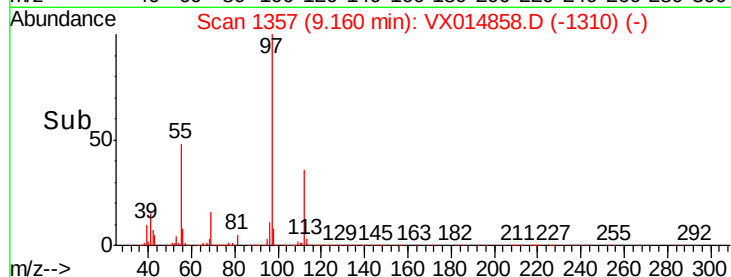
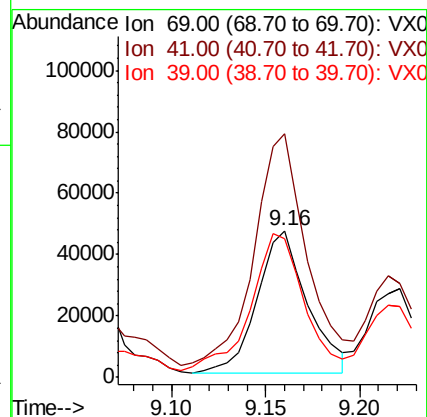
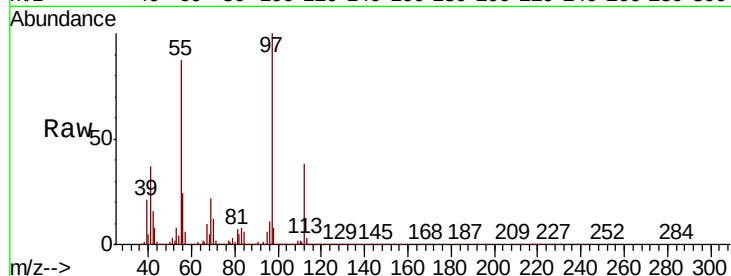
Tot Ion: 69 Resp: 85661

Ion Ratio Lower Upper

69 100

41 168.4 54.9 82.3#

39 99.9 29.3 43.9#



#58

2-Chloroethyl Vinyl ether

Concen: 0.985 ug/l

RT: 8.34 min Scan# 1222

Delta R.T. 0.03 min

Lab File: VX014858.D

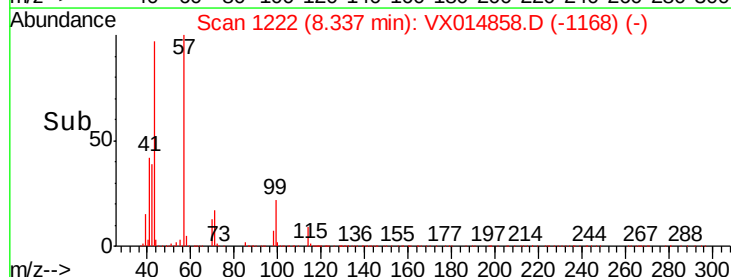
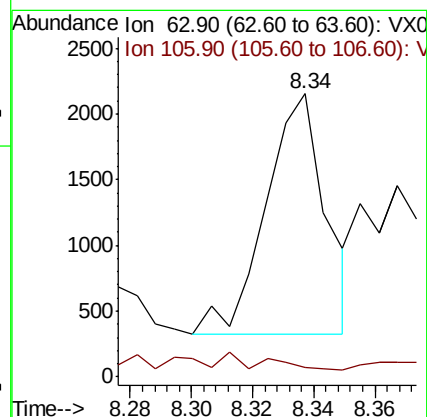
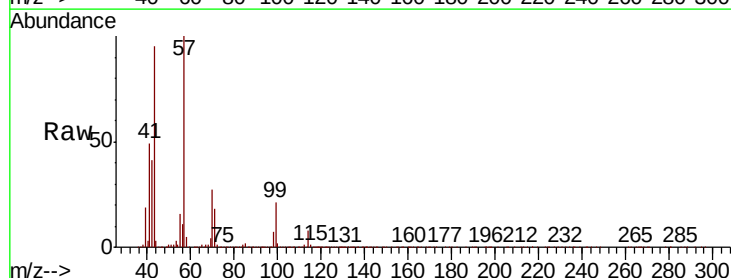
Acq: 06 Feb 2020 19:16

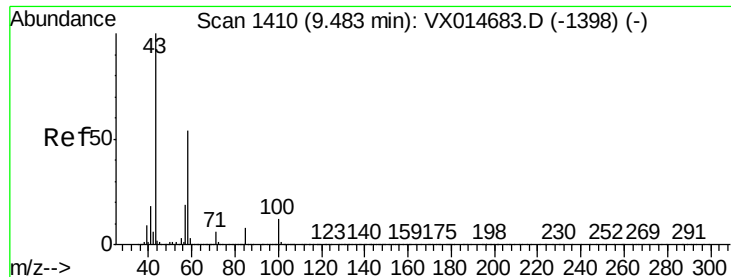
Tgt Ion: 63 Resp: 2476

Ion Ratio Lower Upper

63 100

106 0.0 22.7 34.1#

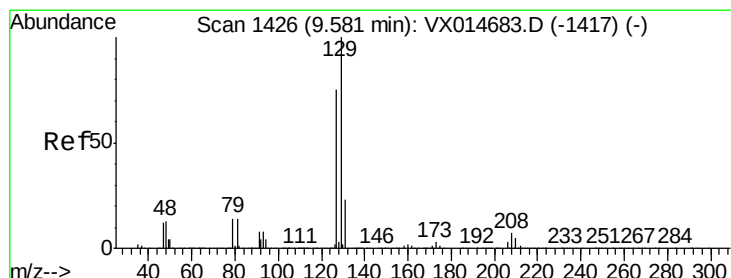
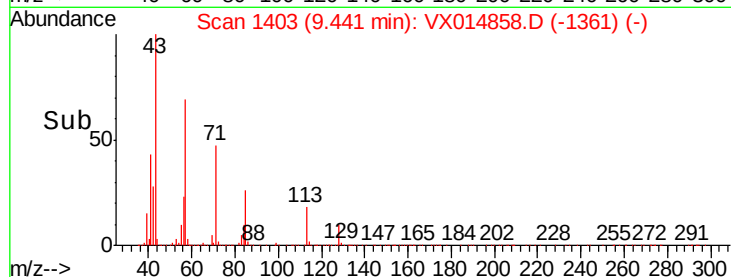
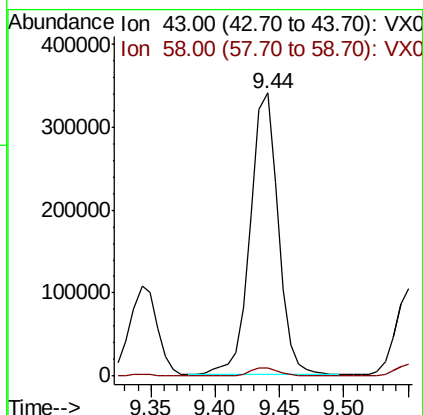
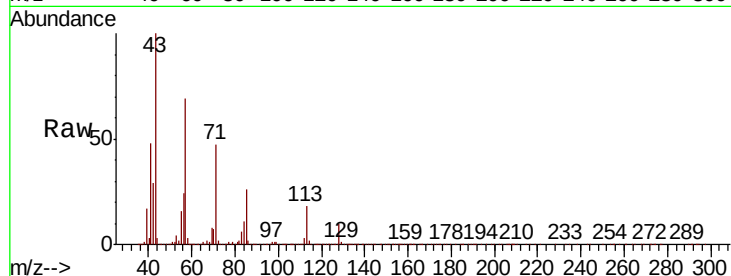




#59
2-Hexanone
Concen: 85.385 ug/l
RT: 9.44 min Scan# 1403
Delta R.T. -0.04 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

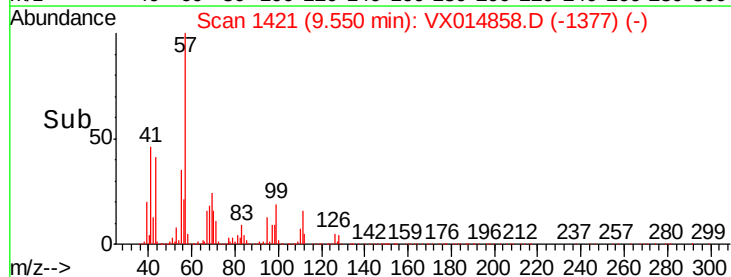
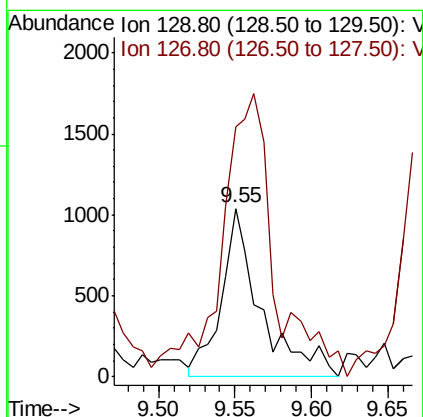
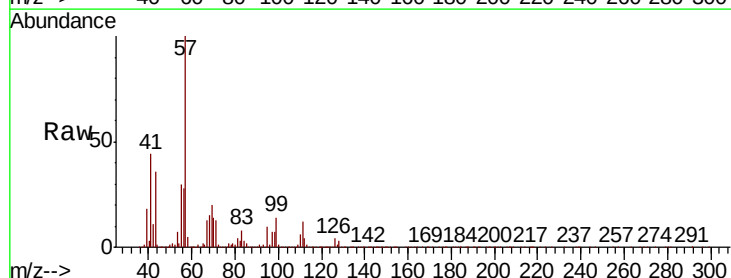
Instrument :
MSVOA_X
ClientSampleId :

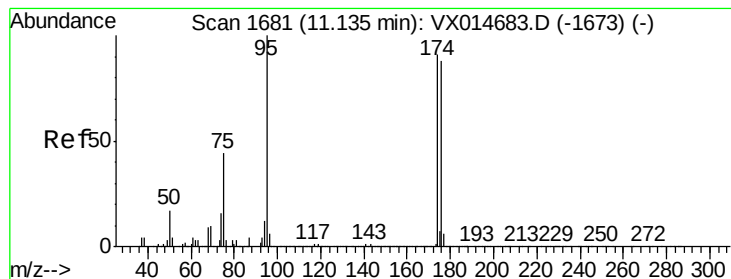
Tot Ion: 43 Resp: 503994
Ion Ratio Lower Upper
43 100
58 3.2 27.2 81.5#



#60
Dibromochloromethane
Concen: 0.354 ug/l
RT: 9.55 min Scan# 1421
Delta R.T. -0.03 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

Tgt Ion: 129 Resp: 1848
Ion Ratio Lower Upper
129 100
127 224.9 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 54.415 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

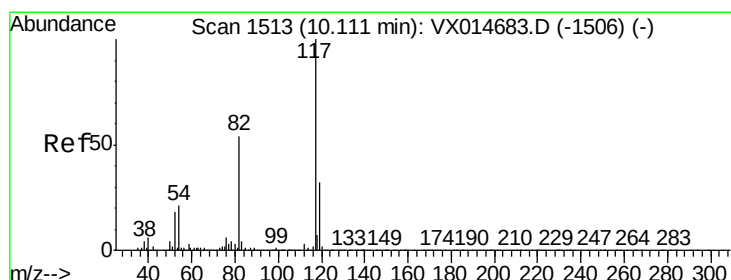
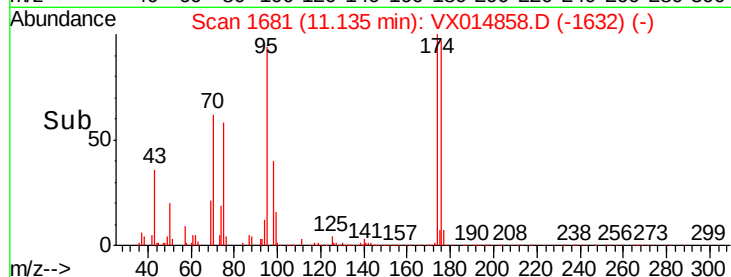
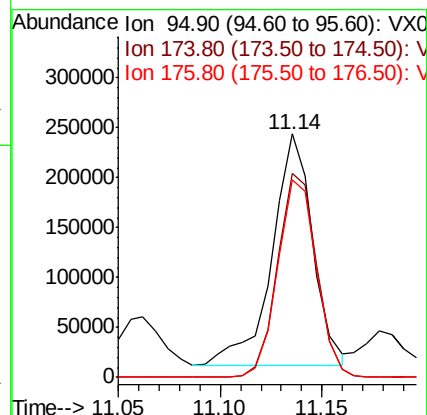
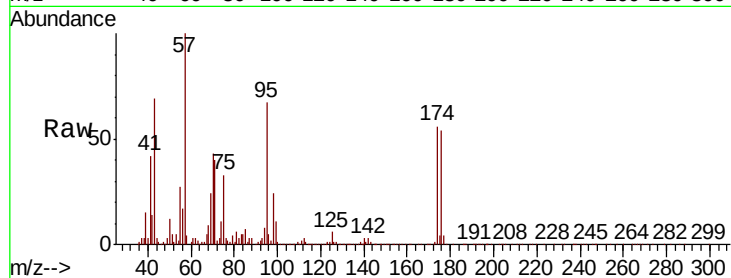
Tot Ion: 95 Resp: 325174

Ion Ratio Lower Upper

95 100

174 84.0 0.0 176.0

176 81.1 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: VX014858.D

Acq: 06 Feb 2020 19:16

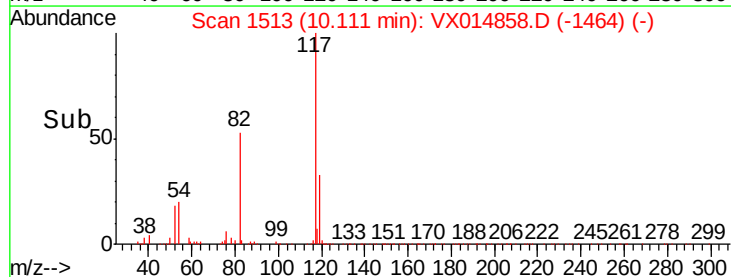
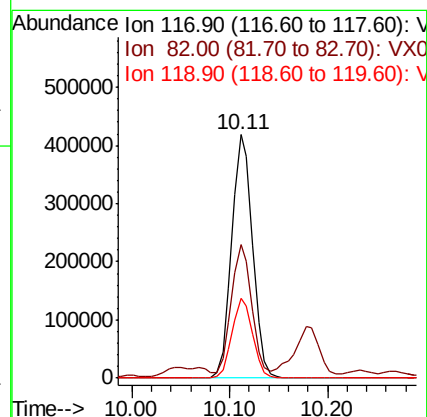
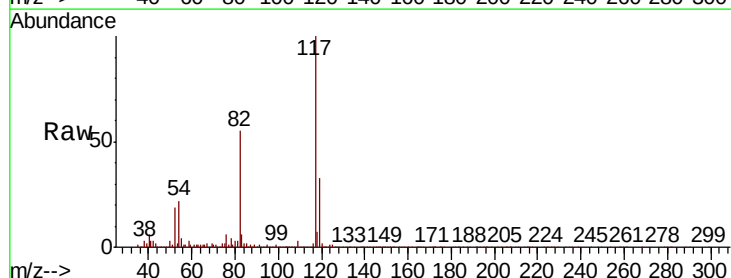
Tgt Ion: 117 Resp: 619717

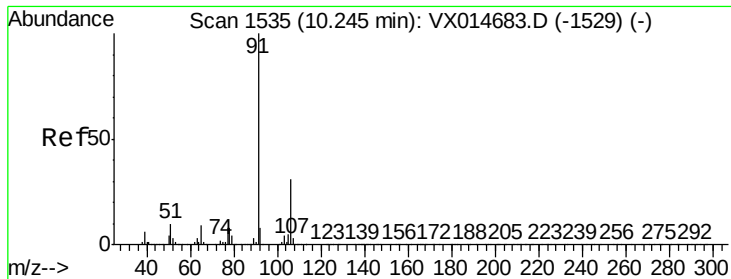
Ion Ratio Lower Upper

117 100

82 53.1 43.2 64.8

119 32.6 25.8 38.6

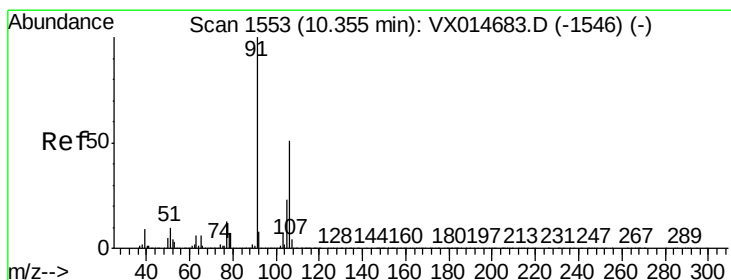
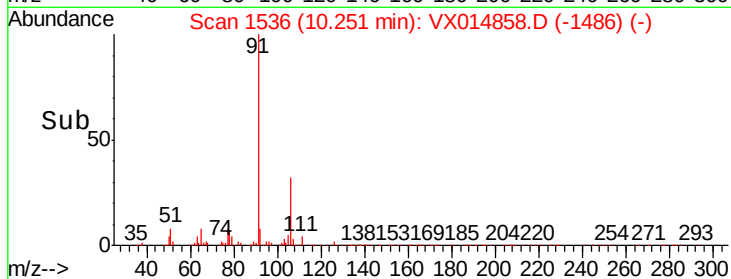
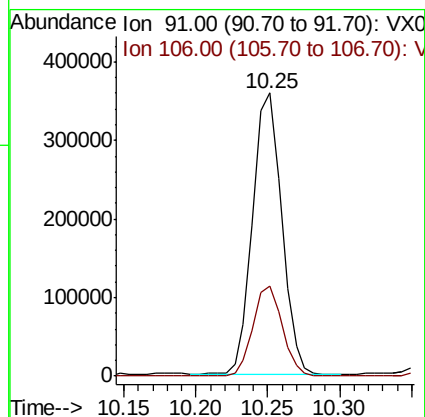
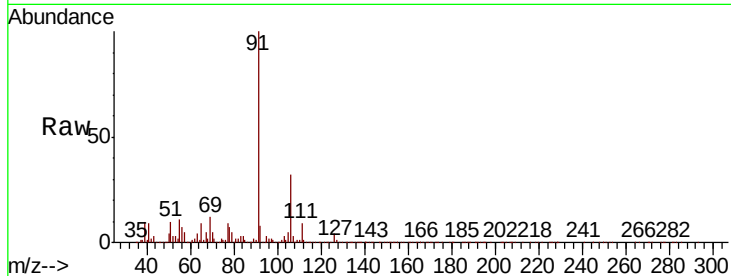




#67
Ethyl Benzene
Concen: 22.230 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

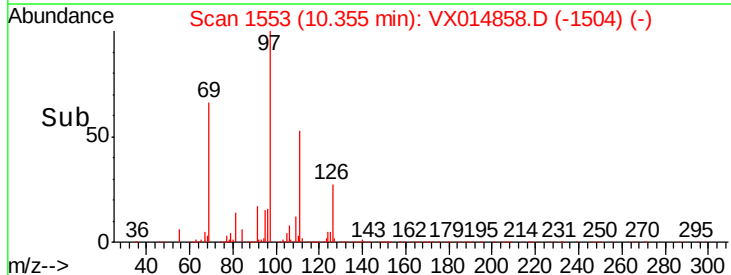
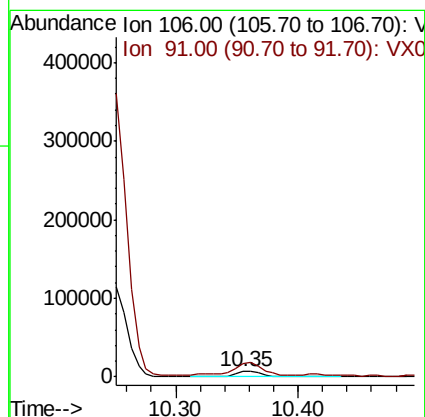
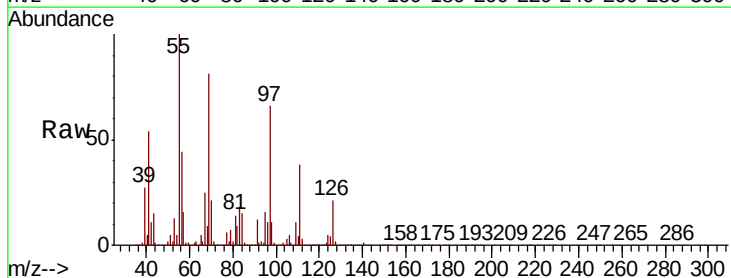
Instrument :
MSVOA_X
ClientSampled :

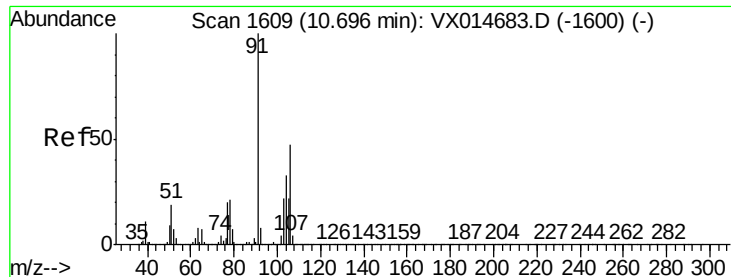
Tot Ion: 91 Resp: 503131
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3



#68
m/p-Xylenes
Concen: 1.196 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

Tgt Ion: 106 Resp: 10253
Ion Ratio Lower Upper
106 100
91 273.6 159.4 239.2#

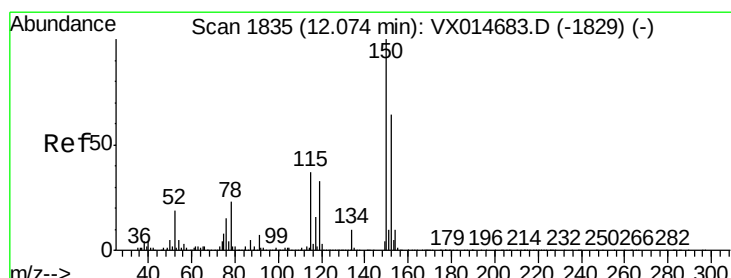
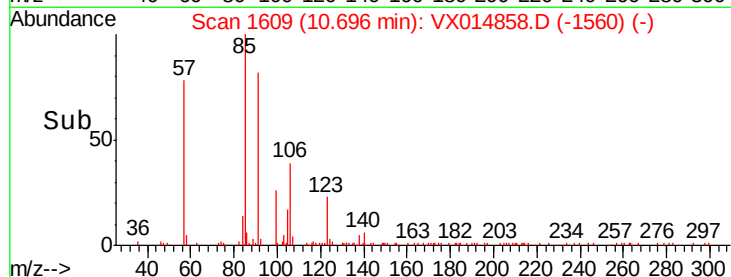
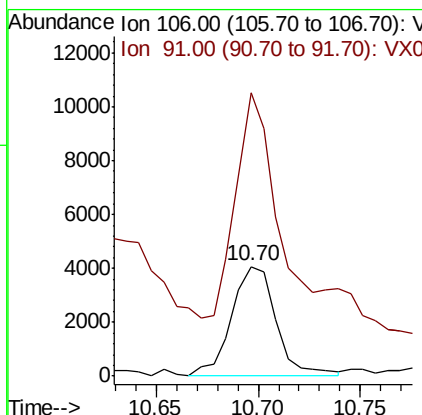
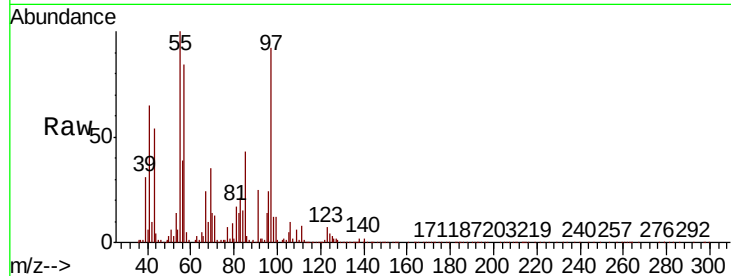




#69
o-Xylene
Concen: 0.755 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

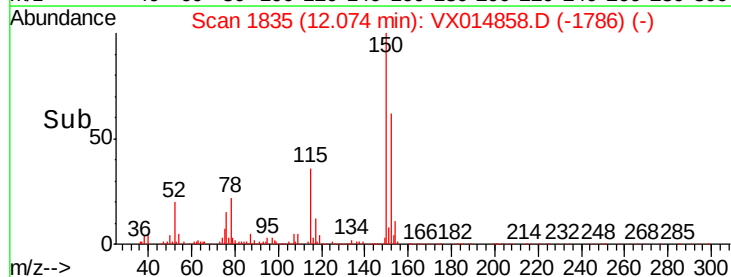
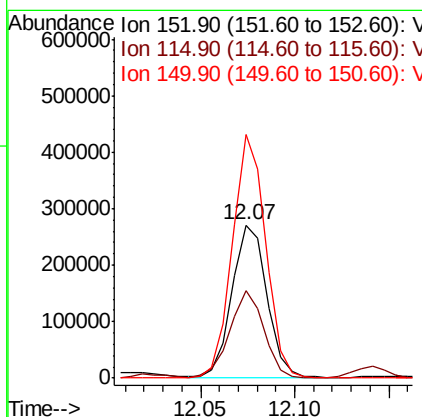
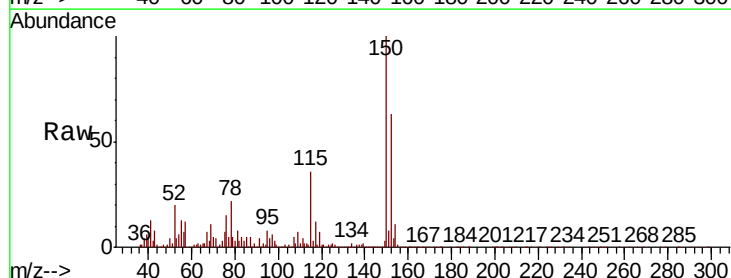
Instrument :
MSVOA_X
ClientSampled :

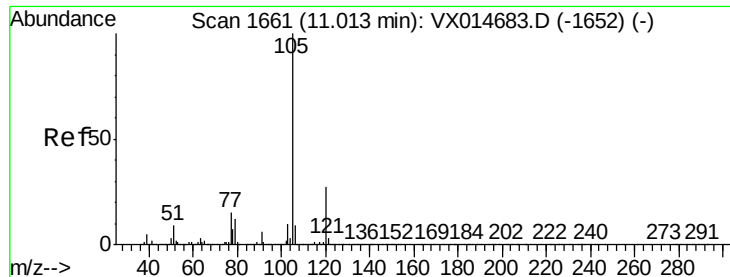
Tot Ion:106 Resp: 6248
Ion Ratio Lower Upper
106 100
91 253.6 106.2 318.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

Tgt Ion:152 Resp: 343898
Ion Ratio Lower Upper
152 100
115 56.1 39.4 118.1
150 152.4 0.0 351.2





#73

Isopropylbenzene

Concen: 16.215 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

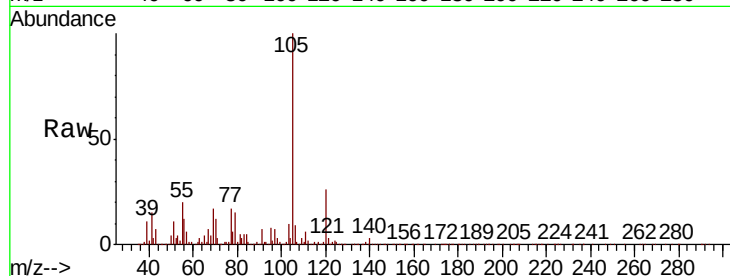
ClientSampleId :

Tot Ion:105 Resp: 392094

Ion Ratio Lower Upper

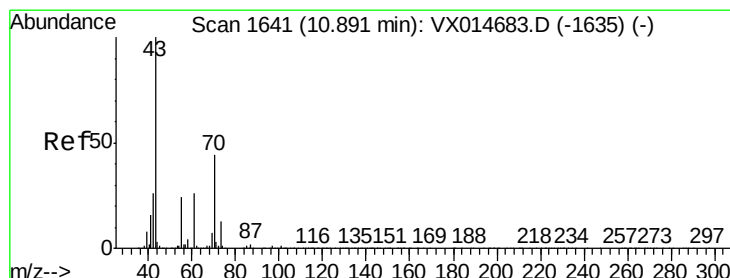
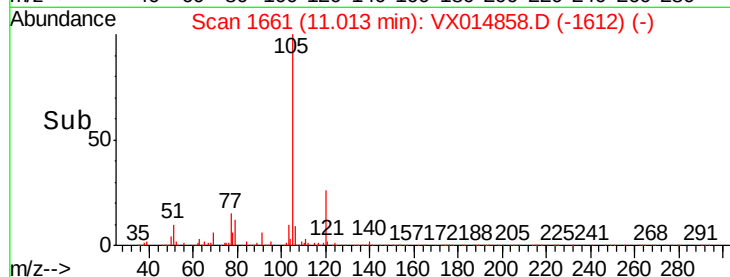
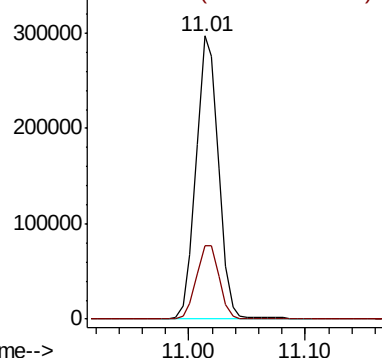
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.850 ug/l

RT: 10.90 min Scan# 1643

Delta R.T. 0.01 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Tgt Ion: 43 Resp: 231528

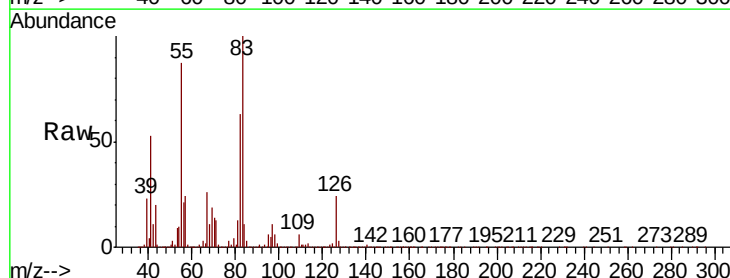
Ion Ratio Lower Upper

43 100

70 95.5 34.6 52.0#

55 383.8 19.4 29.2#

61 0.3 19.8 29.6#

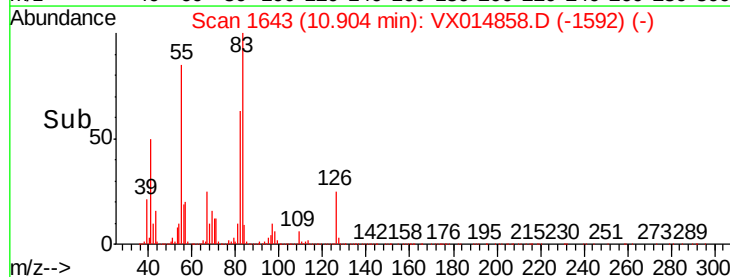
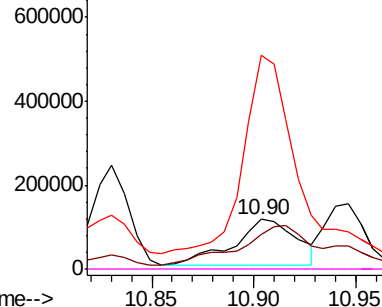


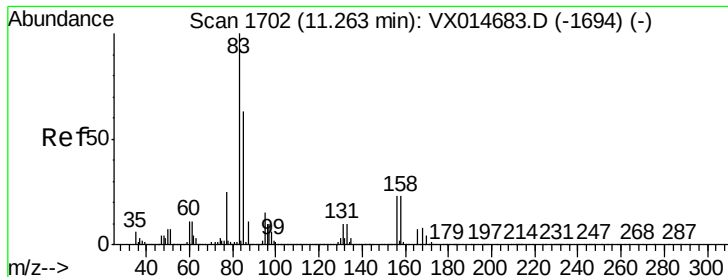
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.084 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

ClientSampled :

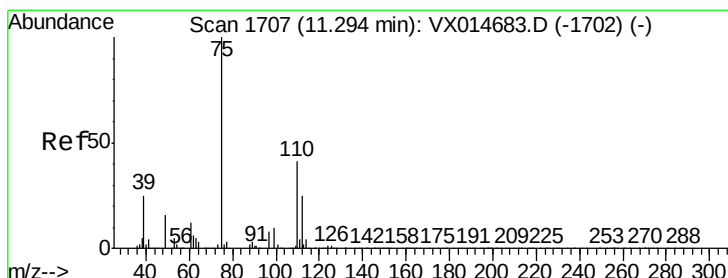
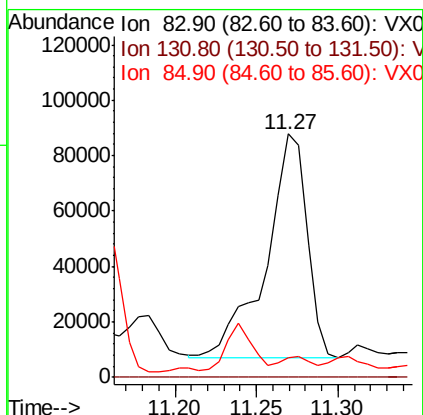
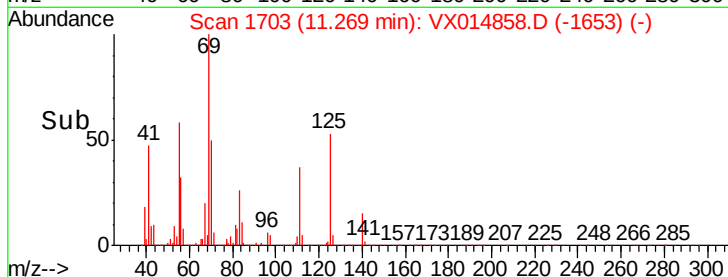
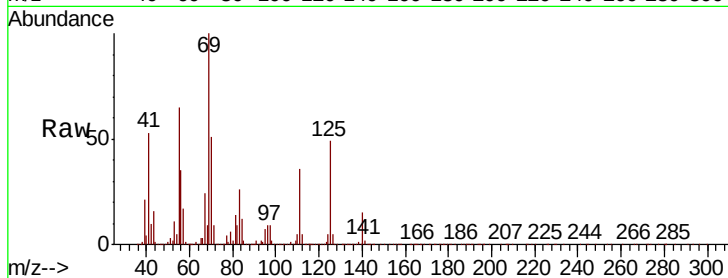
Tot Ion: 83 Resp: 138865

Ion Ratio Lower Upper

83 100

131 0.1 5.0 15.0#

85 0.0 31.7 95.1#



#76

1,2,3-Trichloropropane

Concen: 0.584 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.06 min

Lab File: VX014858.D

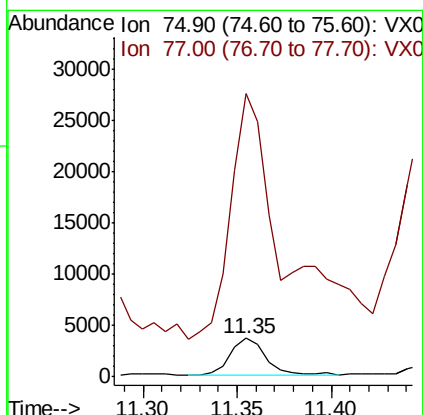
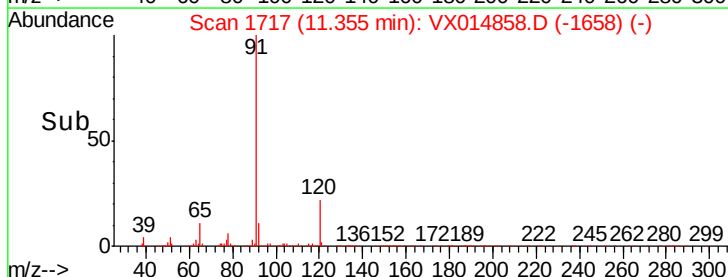
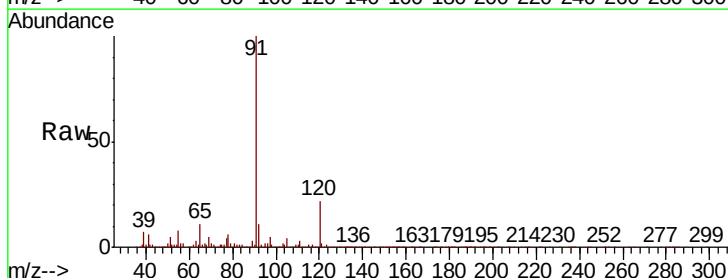
Acq: 06 Feb 2020 19:16

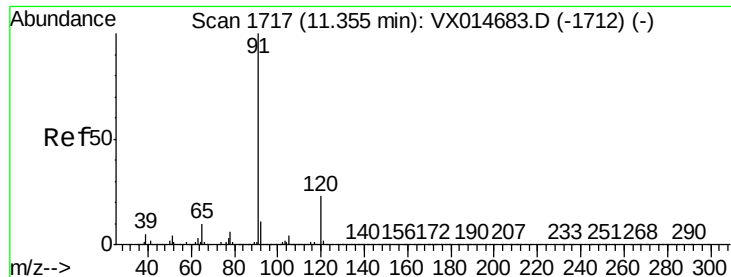
Tgt Ion: 75 Resp: 4674

Ion Ratio Lower Upper

75 100

77 734.9 18.7 56.1#





#78

n-propylbenzene

Concen: 29.327 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

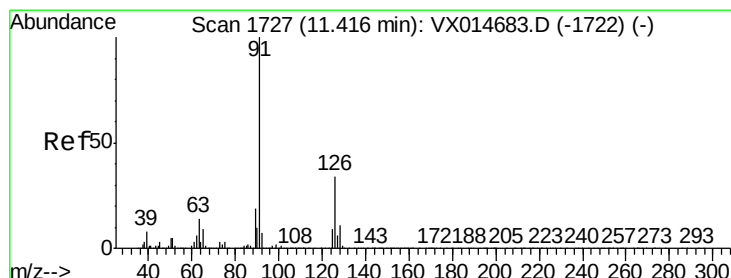
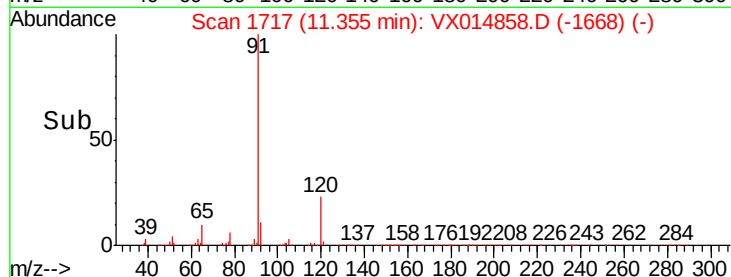
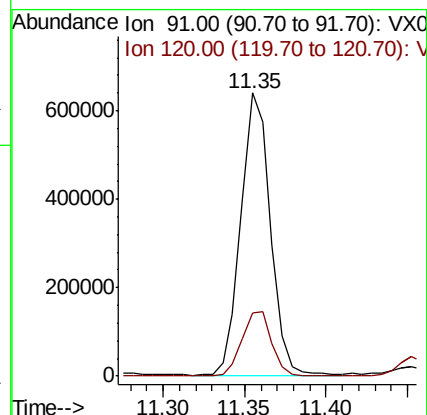
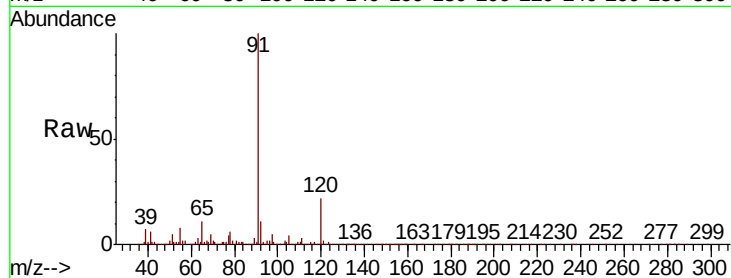
ClientSampleId :

Tot Ion: 91 Resp: 804949

Ion Ratio Lower Upper

91 100

120 23.3 11.7 35.0



#79

2-Chlorotoluene

Concen: 1.570 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. 0.04 min

Lab File: VX014858.D

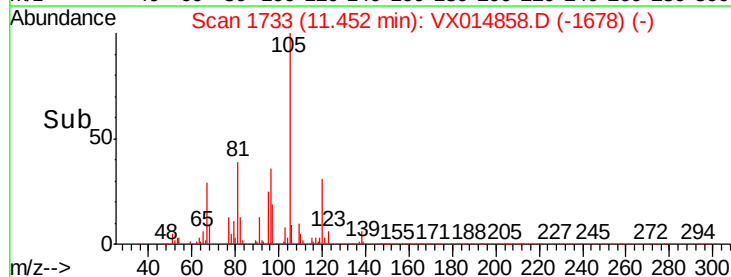
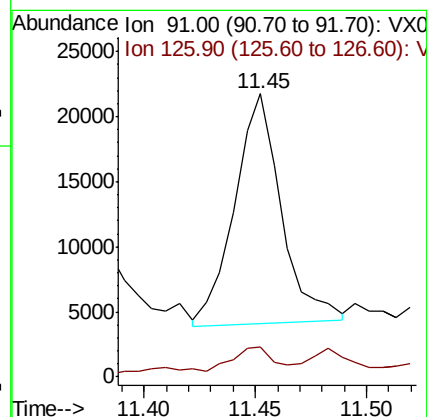
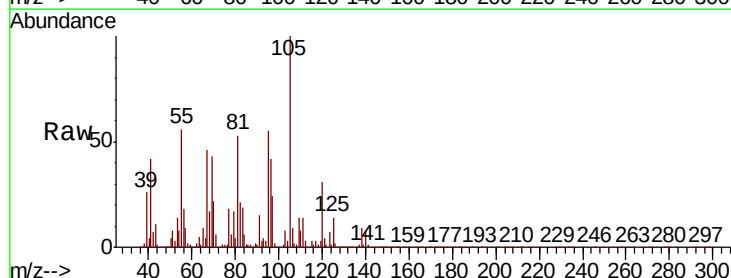
Acq: 06 Feb 2020 19:16

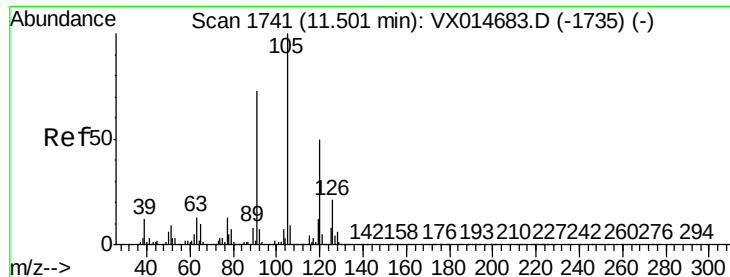
Tgt Ion: 91 Resp: 26077

Ion Ratio Lower Upper

91 100

126 8.8 17.3 51.9#



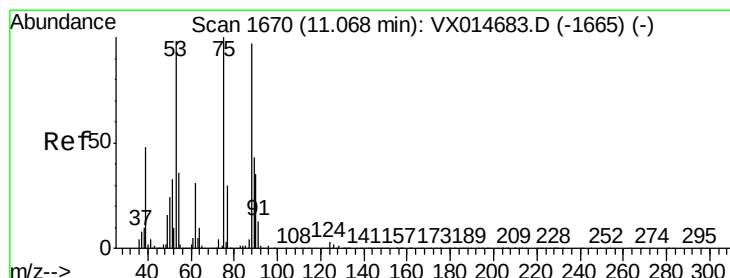
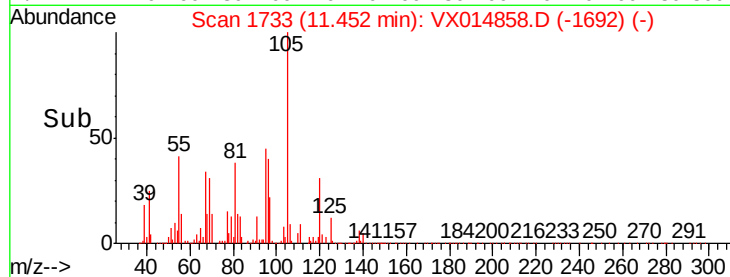
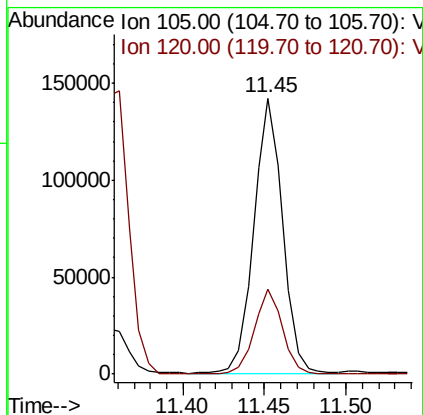
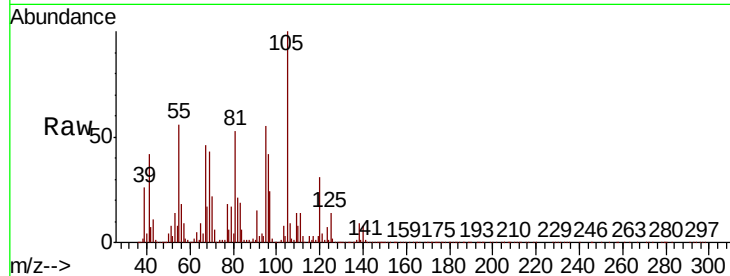


#80

1,3,5-Trimethylbenzene
Concen: 8.604 ug/l
RT: 11.45 min Scan# 1733
Delta R.T. -0.05 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :

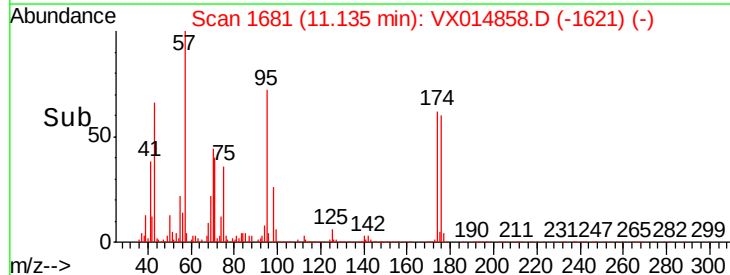
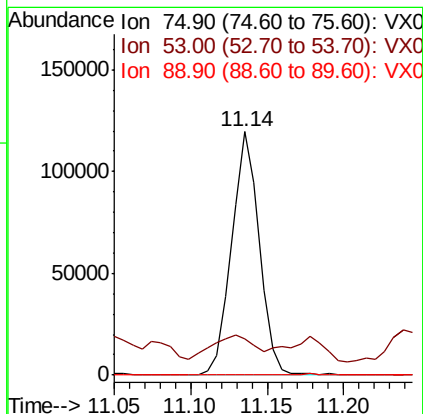
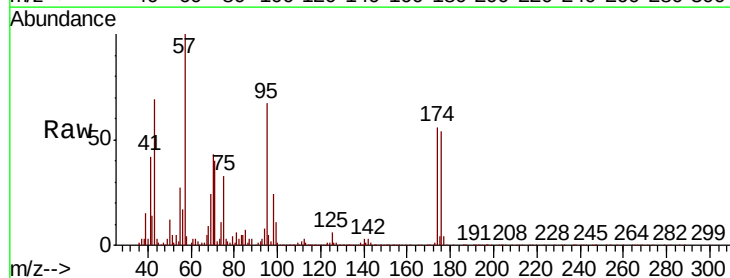
Tot Ion:105 Resp: 172678
Ion Ratio Lower Upper
105 100
120 30.0 24.9 74.6

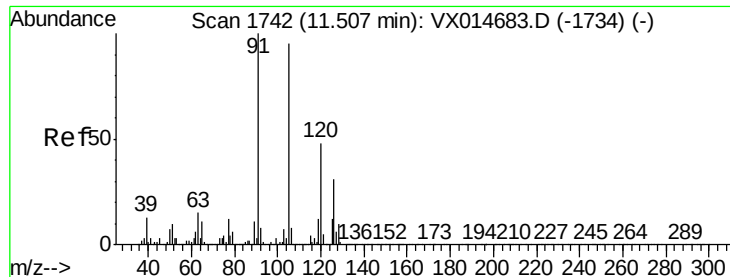


#81

trans-1,4-Dichloro-2-butene
Concen: 52.954 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

Tgt Ion: 75 Resp: 148882
Ion Ratio Lower Upper
75 100
53 18.7 78.8 118.2#
89 0.0 35.4 53.0#

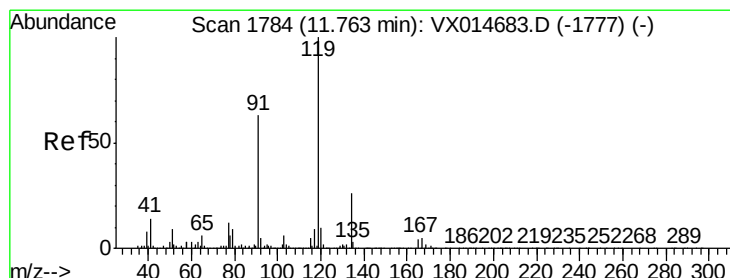
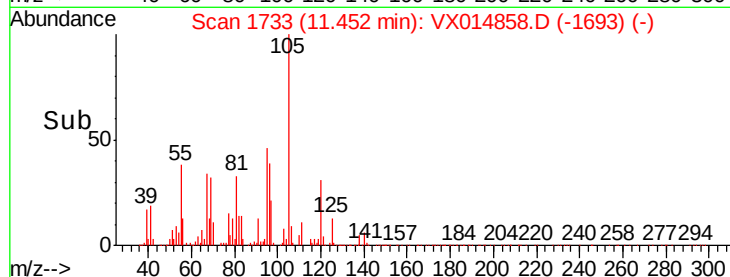
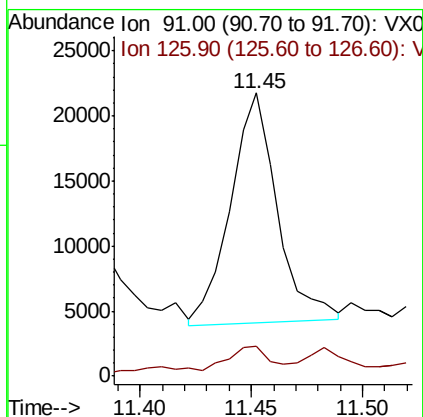
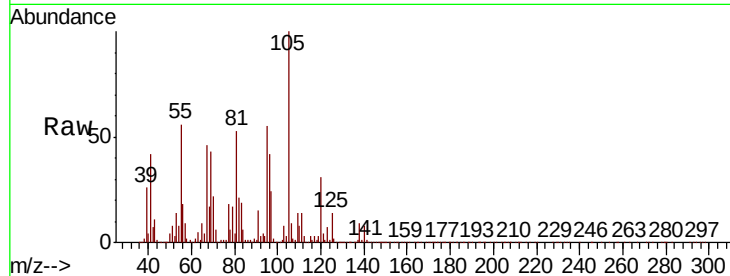




#82
4-Chlorotoluene
Concen: 1.379 ug/l
RT: 11.45 min Scan# 1733
Delta R.T. -0.05 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

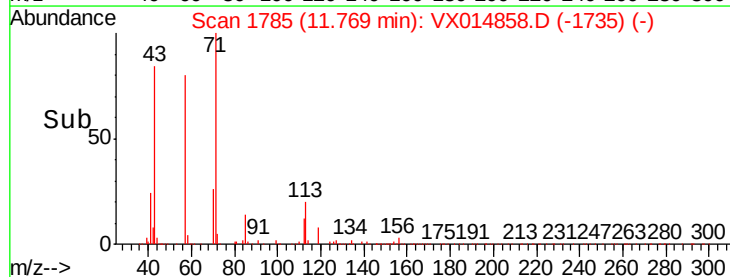
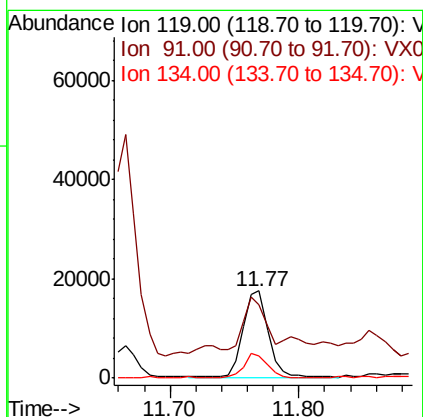
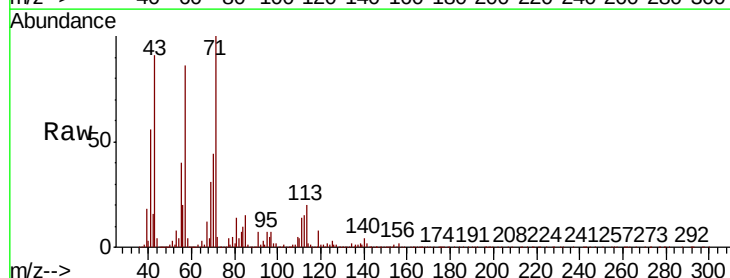
Instrument :
MSVOA_X
ClientSampled :

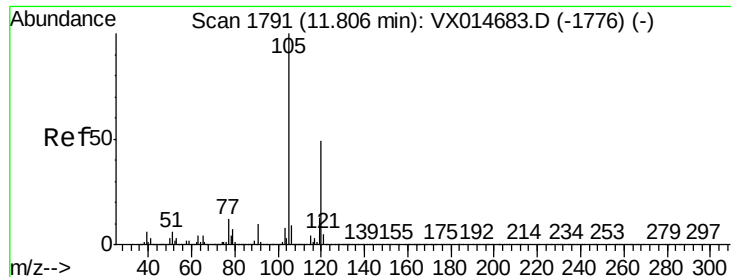
Tot Ion: 91 Resp: 26077
Ion Ratio Lower Upper
91 100
126 8.8 15.4 46.4#



#83
tert-Butylbenzene
Concen: 1.239 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

Tgt Ion: 119 Resp: 23369
Ion Ratio Lower Upper
119 100
91 52.9 30.0 90.0
134 25.9 12.7 38.0

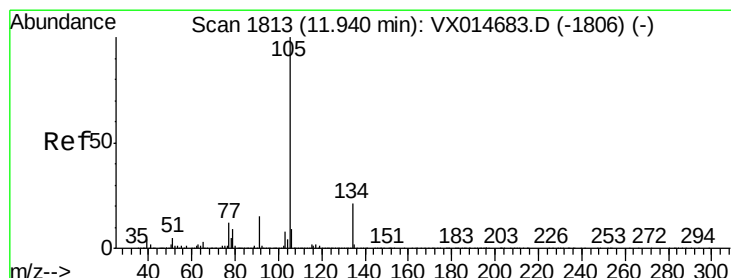
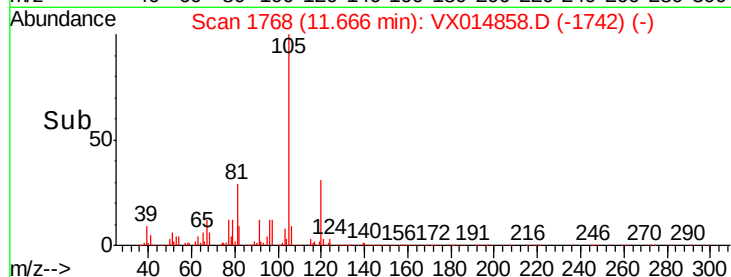
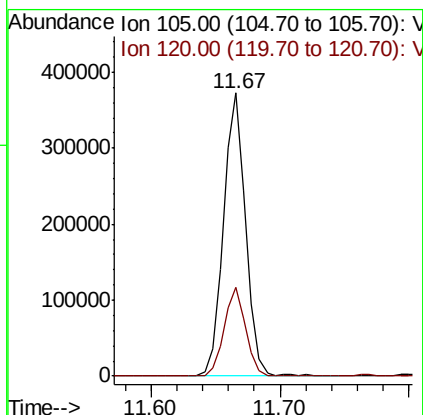
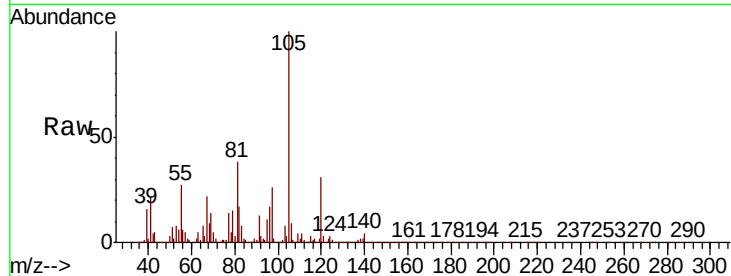




#84
 1,2,4-Trimethylbenzene
 Concen: 22.168 ug/l
 RT: 11.67 min Scan# 1768
 Delta R.T. -0.14 min
 Lab File: VX014858.D
 Acq: 06 Feb 2020 19:16

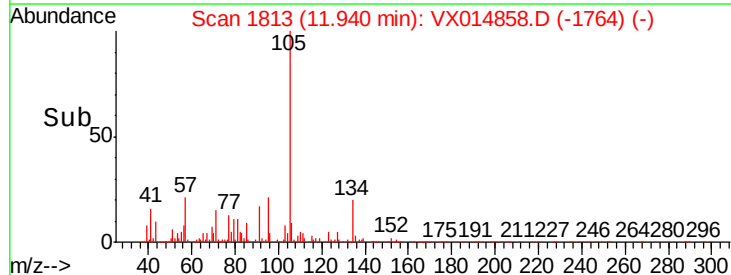
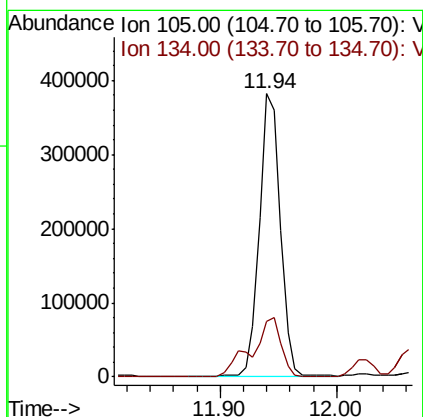
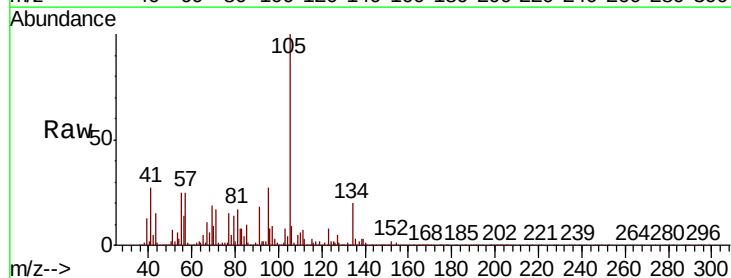
Instrument :
 MSVOA_X
 ClientSampleId :

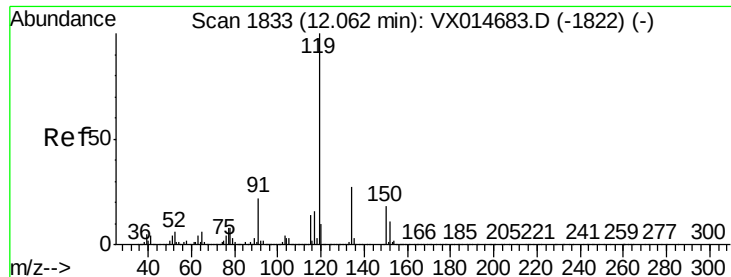
Tot Ion:105 Resp: 446235
 Ion Ratio Lower Upper
 105 100
 120 30.6 23.4 70.0



#85
 sec-Butylbenzene
 Concen: 20.706 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014858.D
 Acq: 06 Feb 2020 19:16

Tgt Ion:105 Resp: 478366
 Ion Ratio Lower Upper
 105 100
 134 29.3 10.3 30.8





#86

p-Isopropyltoluene

Concen: 7.030 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

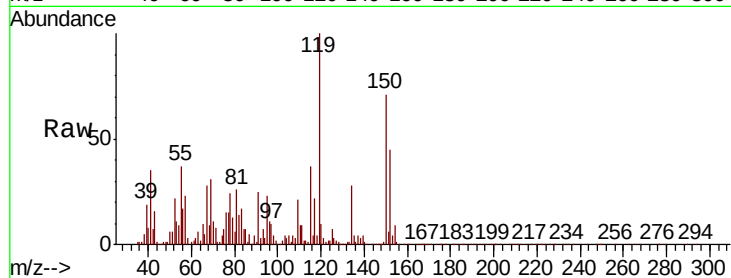
Tot Ion:119 Resp: 150095

Ion Ratio Lower Upper

119 100

134 28.5 13.5 40.4

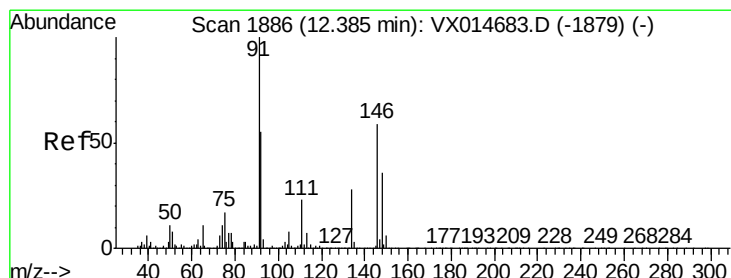
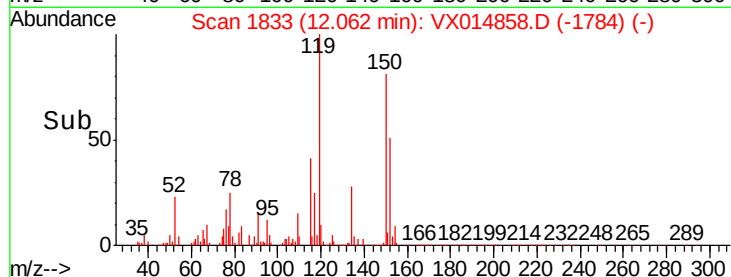
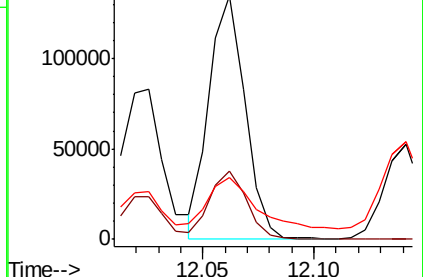
91 27.7 11.3 33.8



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: 30.425 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

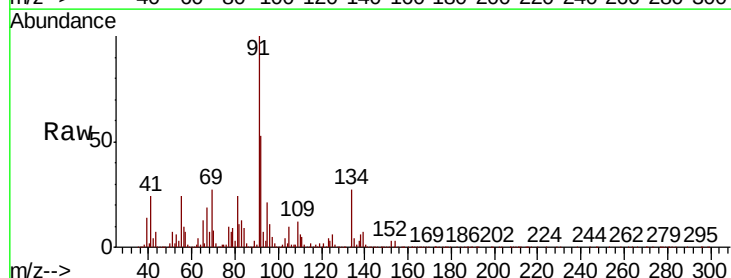
Tgt Ion: 91 Resp: 565763

Ion Ratio Lower Upper

91 100

92 48.4 27.6 82.7

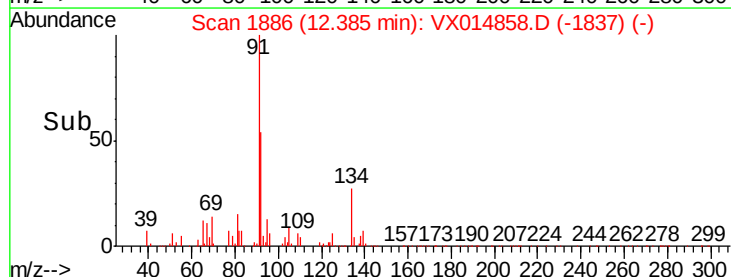
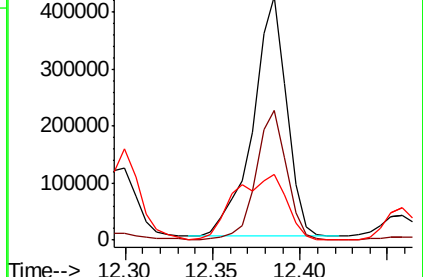
134 41.8 13.3 39.8#

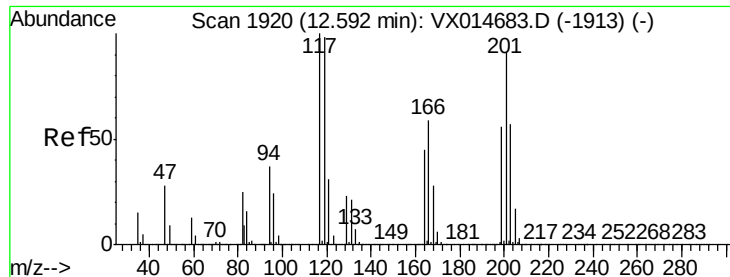


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 7.948 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

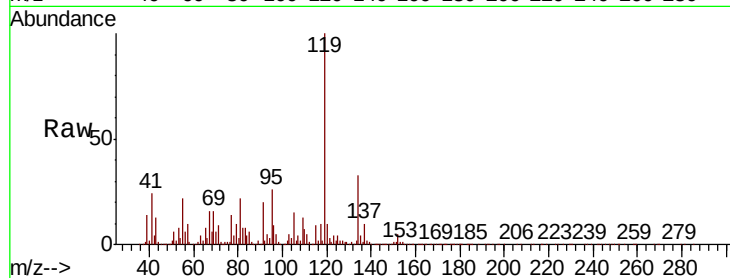
ClientSampled :

Tot Ion:117 Resp: 31521

Ion Ratio Lower Upper

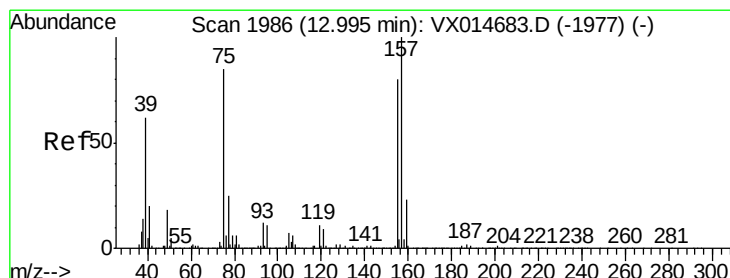
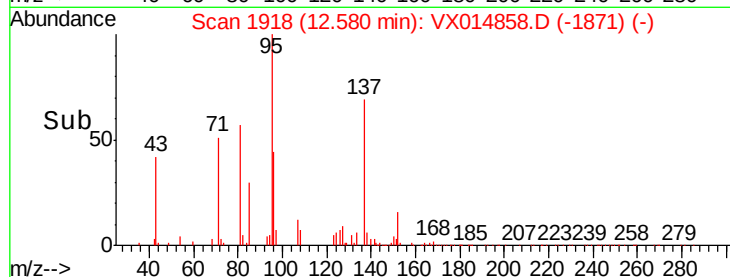
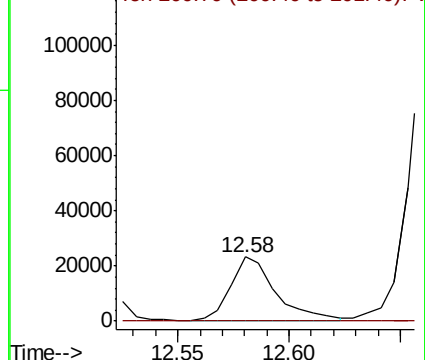
117 100

201 0.0 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: 5.171 ug/l

RT: 12.97 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

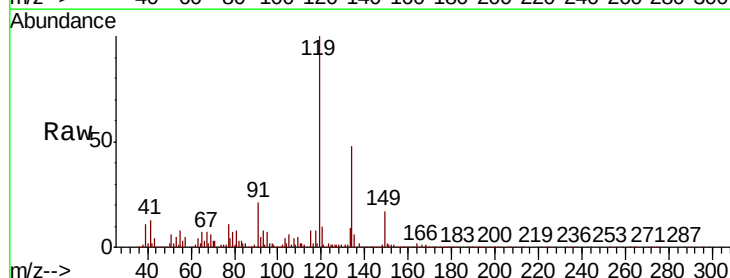
Tgt Ion: 75 Resp: 9592

Ion Ratio Lower Upper

75 100

155 0.0 45.6 136.9#

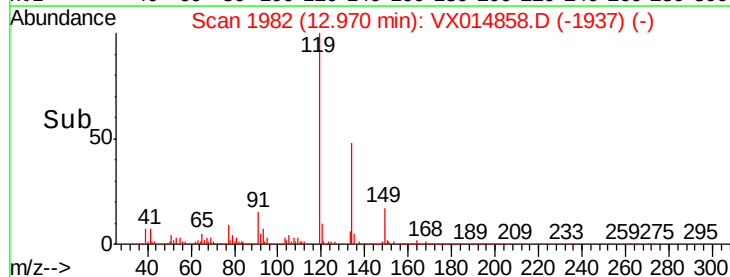
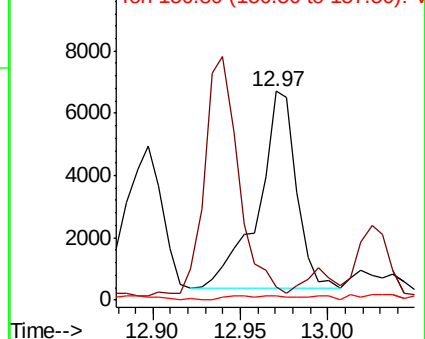
157 0.0 60.3 180.9#

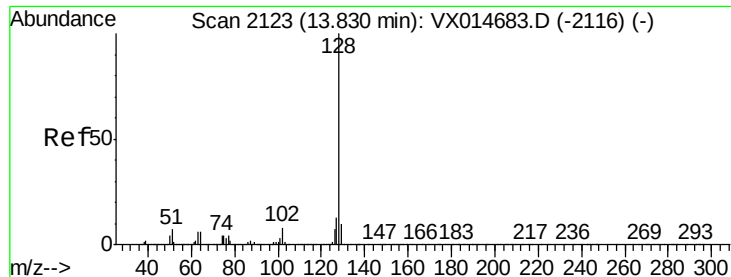


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 106.347 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

ClientSampled :

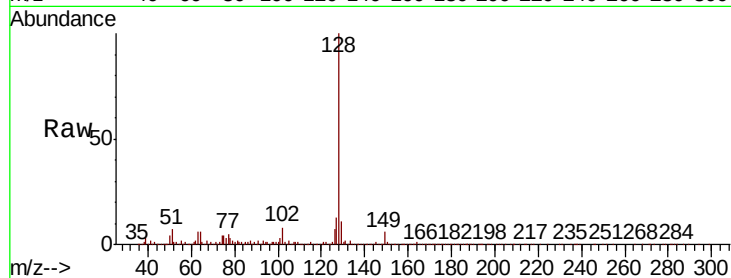
Tot Ion:128 Resp: 2589450

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

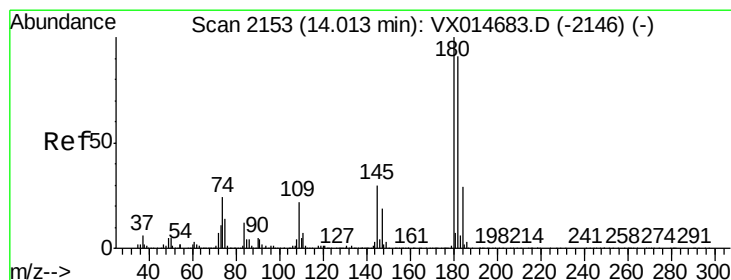
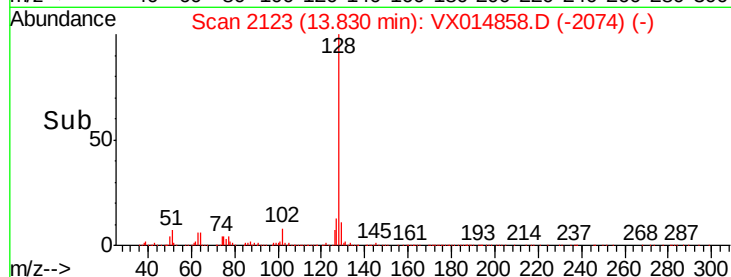
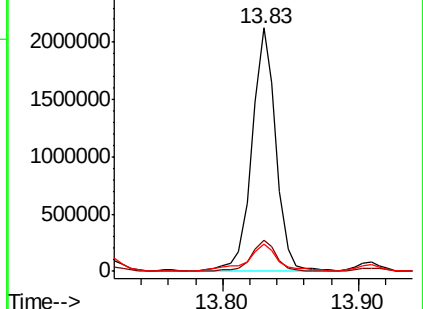
129 13.5 8.6 12.8#



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: 0.985 ug/l

RT: 14.05 min Scan# 2159

Delta R.T. 0.04 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

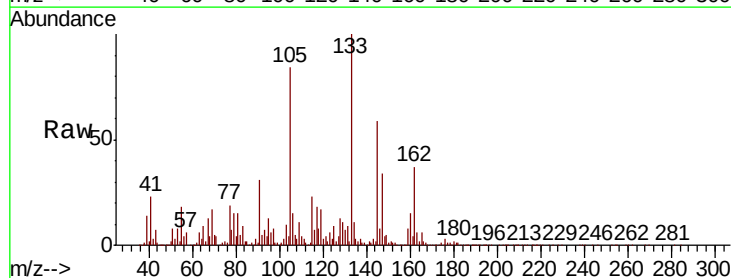
Tgt Ion:180 Resp: 7445

Ion Ratio Lower Upper

180 100

182 4.5 46.6 139.7#

145 0.0 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

