

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021020\
 Data File : VX014893.D
 Acq On : 10 Feb 2020 17:16
 Operator : JC/SP
 Sample : L1431-04
 Misc : 5.31g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 350

Quant Time: Feb 11 06:47:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	431410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	657116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	623633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	349127	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	238909	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.49	113	194220	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	8.71	98	784664	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.14	95	300386	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	

Target Compounds					Qvalue	
5) Bromomethane	1.63	94	3254	1.007	ug/l	96
10) Methyl Iodide	2.49	142	3485	5.074	ug/l #	85
11) Tert butyl alcohol	3.01	59	4503	5.238	ug/l #	79
12) 1,1-Dichloroethene	2.34	96	854	0.216	ug/l #	41
13) Acrolein	2.30	56	169	0.258	ug/l #	53
14) Allyl chloride	2.71	41	2082	0.297	ug/l #	84
16) Acetone	2.46	43	7540	Below Cal	#	84
17) Carbon Disulfide	2.54	76	4626	0.419	ug/l #	82
18) Methyl Acetate	2.78	43	2332	0.476	ug/l #	87
20) Methylene Chloride	2.84	84	2682	0.573	ug/l #	59
21) trans-1,2-Dichloroethene	3.15	96	1658	0.380	ug/l #	54
25) 2-Butanone	4.70	43	4730	1.427	ug/l #	80
29) Tetrahydrofuran	5.12	42	417	0.221	ug/l #	31
38) Carbon Tetrachloride	5.65	117	38676	6.752	ug/l #	16
39) Methylcyclohexane	7.45	83	2395	0.326	ug/l #	83
44) Trichloroethene	7.21	130	1236	0.242	ug/l	65
46) Dibromomethane	7.67	93	904	0.295	ug/l #	33
49) 1,4-Dioxane	7.71	88	166	1.784	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	4458	0.730	ug/l #	86
64) Tetrachloroethene	9.33	164	1387	0.238	ug/l #	70
68) m/p-Xylenes	10.35	106	2890	0.349	ug/l	94
73) Isopropylbenzene	11.01	105	6984	0.319	ug/l	98
74) N-amyl acetate	10.91	43	3198	0.352	ug/l #	35
75) 1,1,2,2-Tetrachloroethane	11.24	83	1504	0.210	ug/l #	88
76) 1,2,3-Trichloropropane	11.14	75	147688	23.393	ug/l #	41
77) Bromobenzene	11.25	156	1426	0.233	ug/l	86
78) n-propylbenzene	11.35	91	46740	1.846	ug/l	99
79) 2-Chlorotoluene	11.43	91	4050	0.272	ug/l	88
80) 1,3,5-Trimethylbenzene	11.50	105	16155	0.883	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	147688	59.879	ug/l #	12
82) 4-Chlorotoluene	11.51	91	5903	0.335	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	124337	6.744	ug/l	99
85) sec-Butylbenzene	11.94	105	22307	1.037	ug/l	99
86) p-Isopropyltoluene	12.06	119	11132	0.553	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021020\
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 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

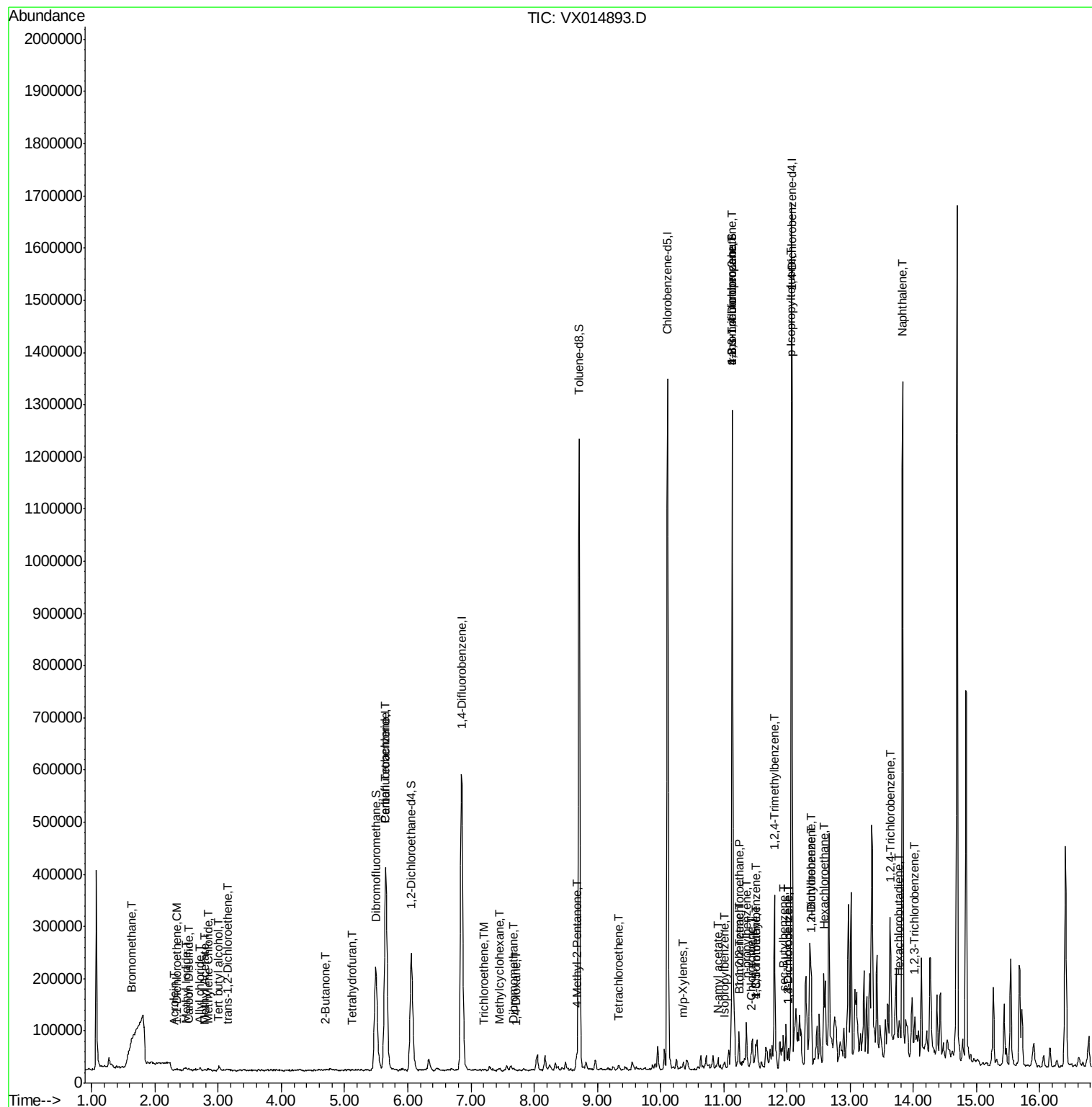
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	12.02	146	3772	0.344	ug/l	97
88) 1,4-Dichlorobenzene	12.02	146	3772	0.337	ug/l	95
89) n-Butylbenzene	12.38	91	77131	4.276	ug/l #	68
90) Hexachloroethane	12.58	117	6872	1.954	ug/l #	5
91) 1,2-Dichlorobenzene	12.39	146	2632	0.245	ug/l	96
93) 1,2,4-Trichlorobenzene	13.64	180	6680	0.842	ug/l #	70
94) Hexachlorobutadiene	13.78	225	3618	0.943	ug/l	89
95) Naphthalene	13.83	128	785219	37.217	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	5288	0.690	ug/l #	50

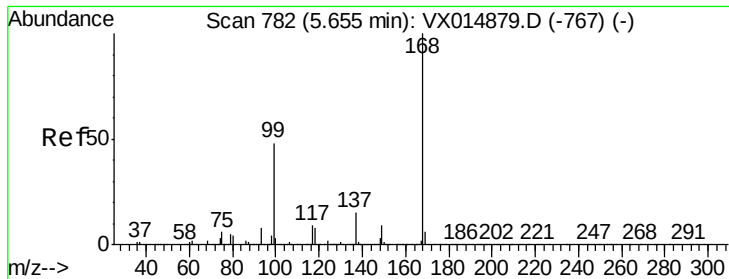
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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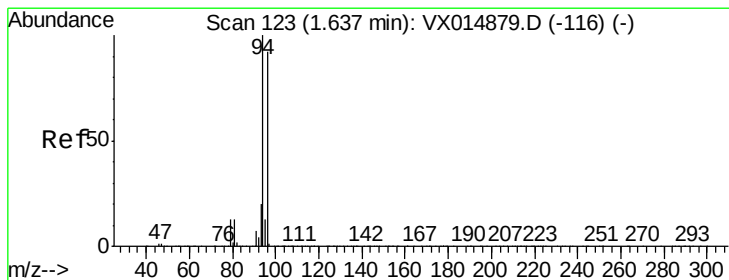
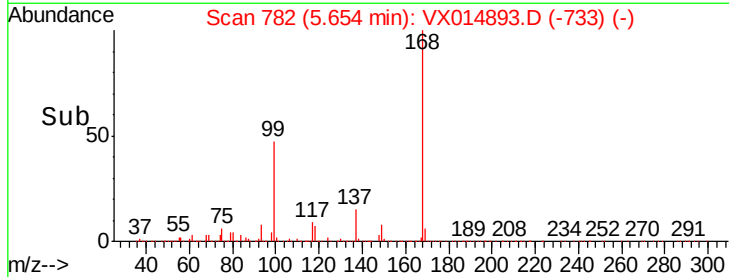
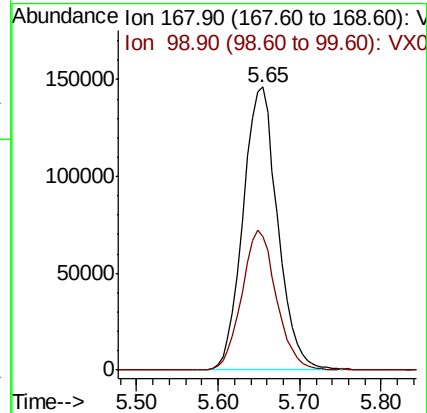
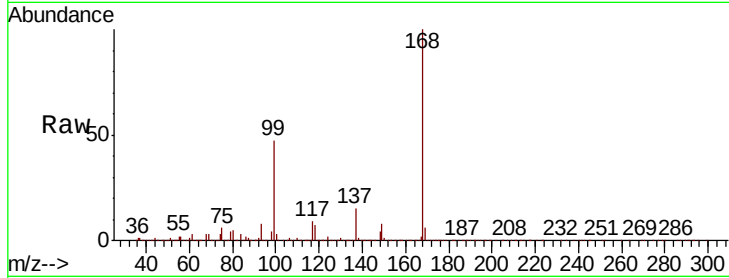


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: VX014893.D
 Acq: 10 Feb 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 350

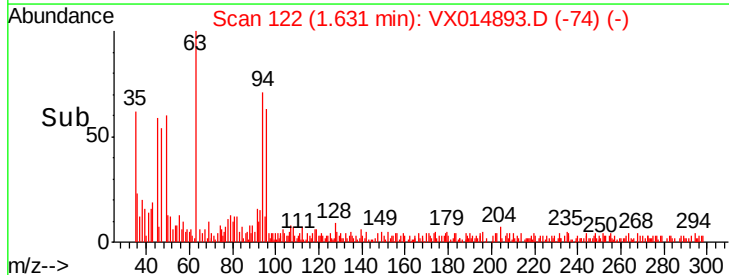
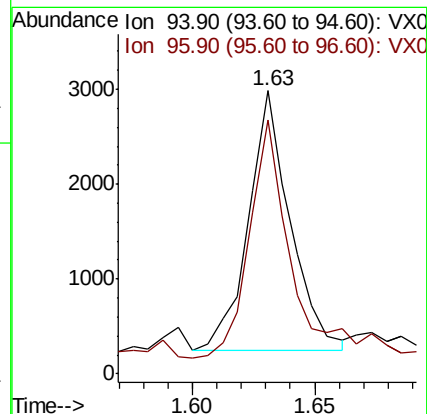
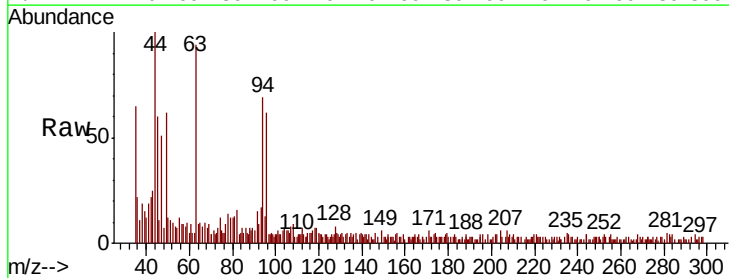
Tot Ion:168 Resp: 431410
 Ion Ratio Lower Upper
 168 100
 99 46.9 38.7 58.1

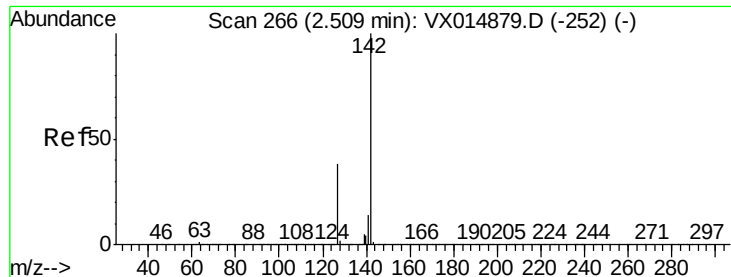


#5

Bromomethane
 Concen: 1.007 ug/l
 RT: 1.63 min Scan# 122
 Delta R.T. -0.01 min
 Lab File: VX014893.D
 Acq: 10 Feb 2020 17:16

Tgt Ion: 94 Resp: 3254
 Ion Ratio Lower Upper
 94 100
 96 95.5 73.7 110.5





#10

Methyl Iodide

Concen: 5.074 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.02 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

350

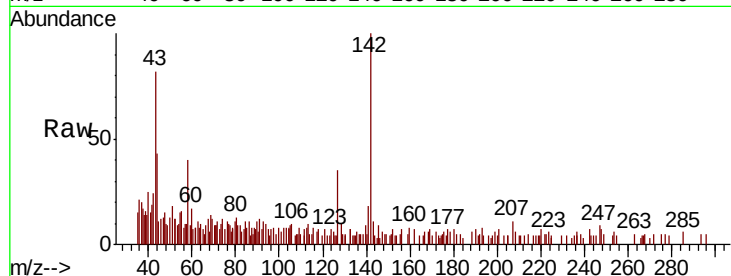
Tot Ion:142 Resp: 3485

Ion Ratio Lower Upper

142 100

127 30.8 31.1 46.7#

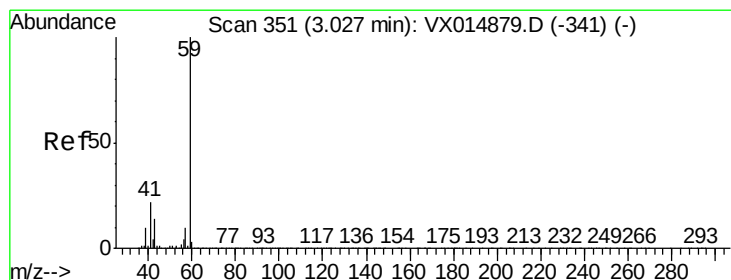
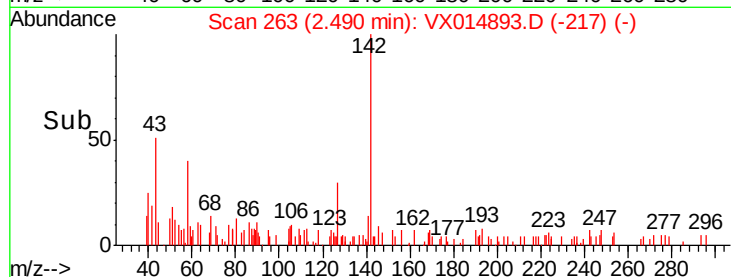
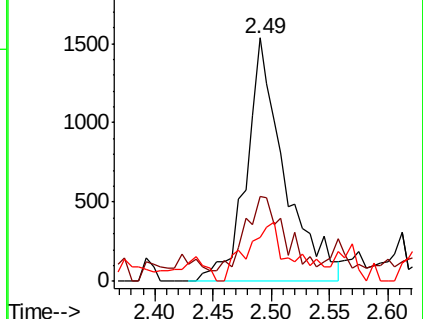
141 22.6 11.3 16.9#



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: 5.238 ug/l

RT: 3.01 min Scan# 349

Delta R.T. -0.01 min

Lab File: VX014893.D

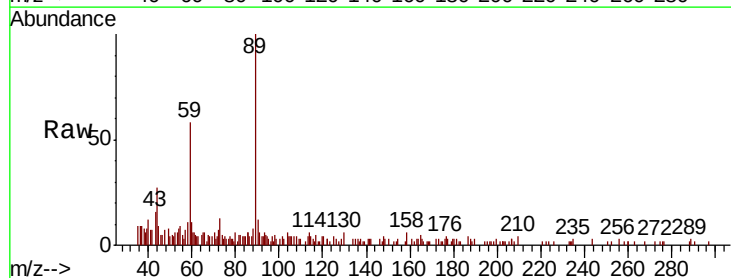
Acq: 10 Feb 2020 17:16

Tgt Ion: 59 Resp: 4503

Ion Ratio Lower Upper

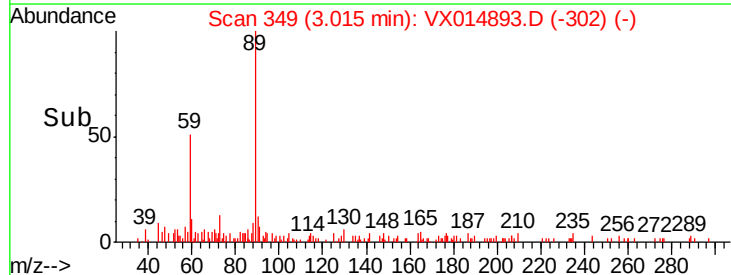
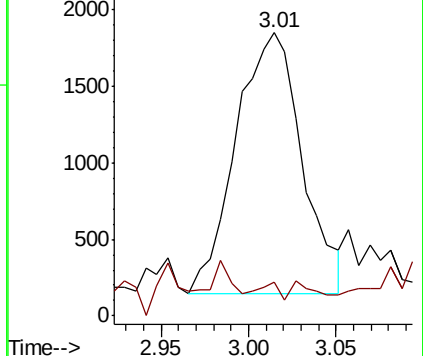
59 100

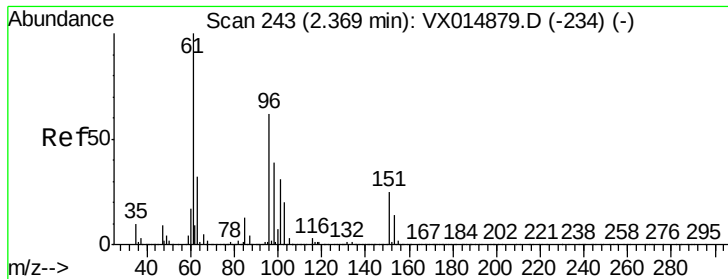
57 2.4 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.216 ug/l

RT: 2.34 min Scan# 239

Delta R.T. -0.02 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampled :

350

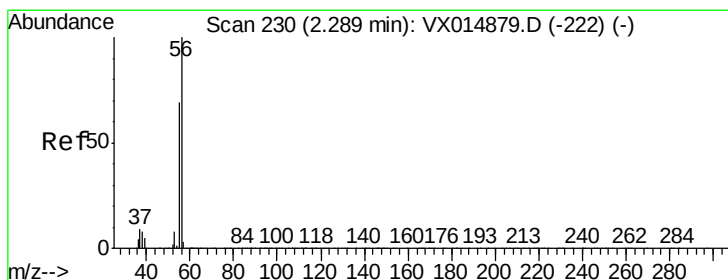
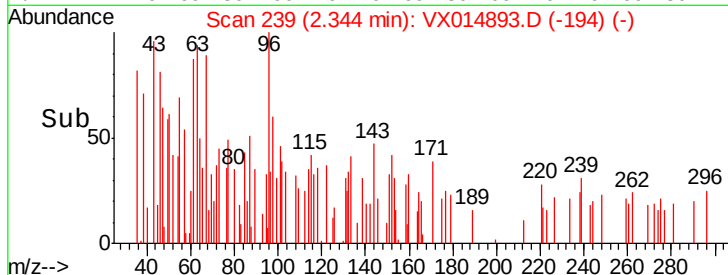
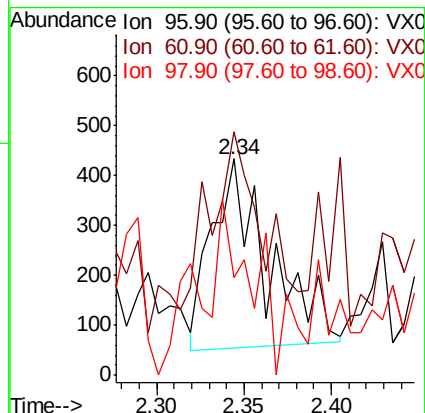
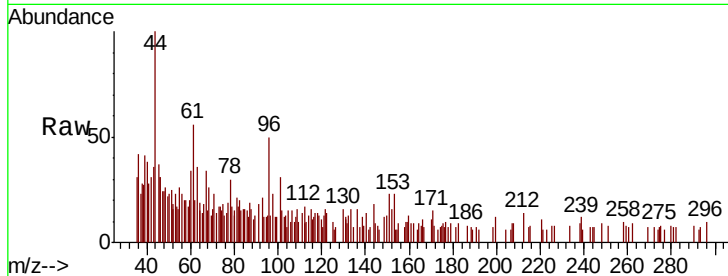
Tot Ion: 96 Resp: 854

Ion Ratio Lower Upper

96 100

61 87.4 129.5 194.3#

98 12.0 50.6 76.0#



#13

Acrolein

Concen: 0.258 ug/l

RT: 2.30 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX014893.D

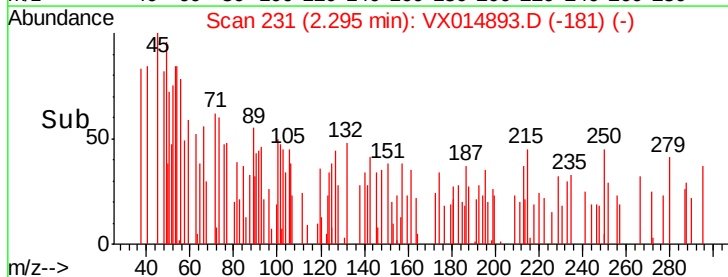
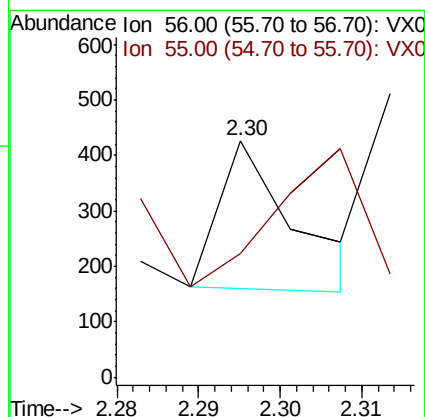
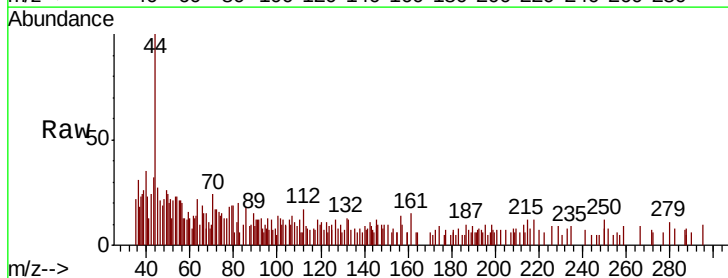
Acq: 10 Feb 2020 17:16

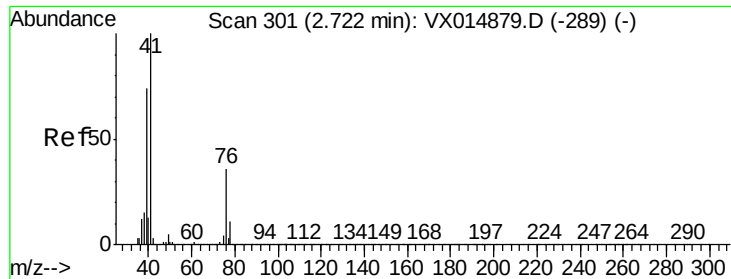
Tgt Ion: 56 Resp: 169

Ion Ratio Lower Upper

56 100

55 107.1 55.0 82.4#

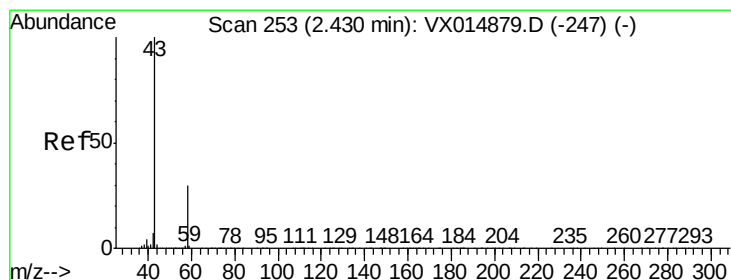
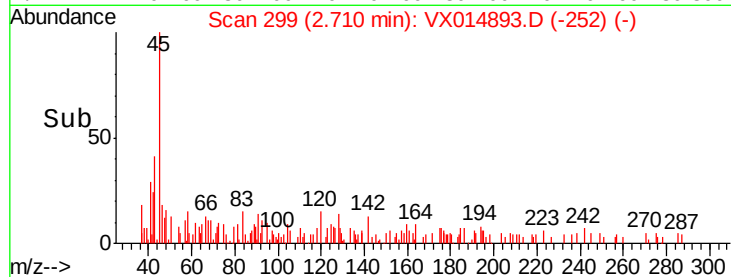
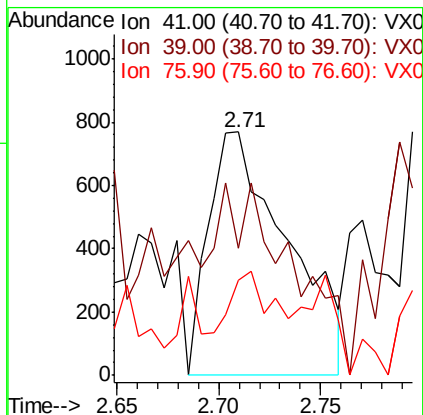
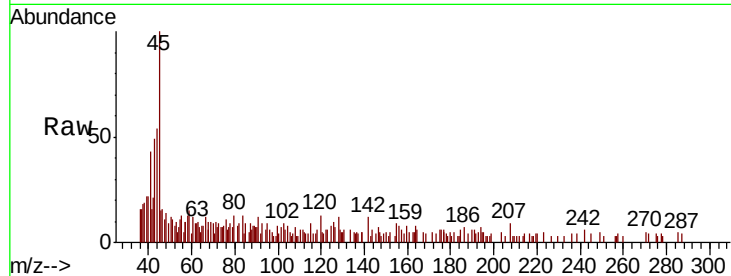




#14
Allvl chloride
Concen: 0.297 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.01 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

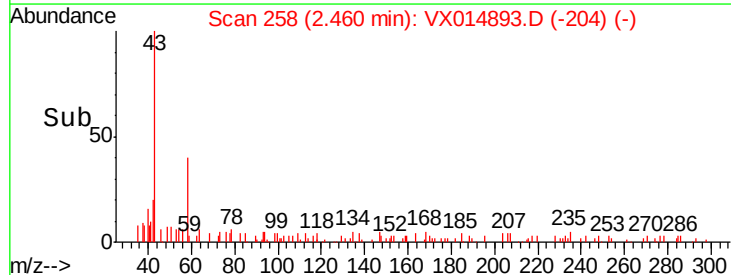
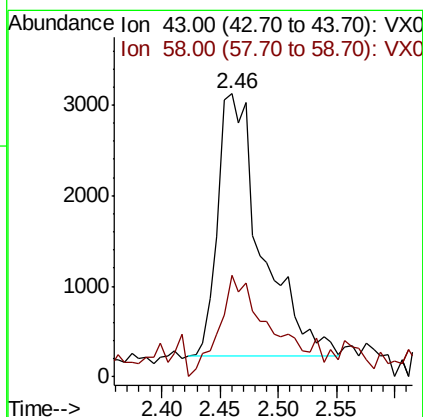
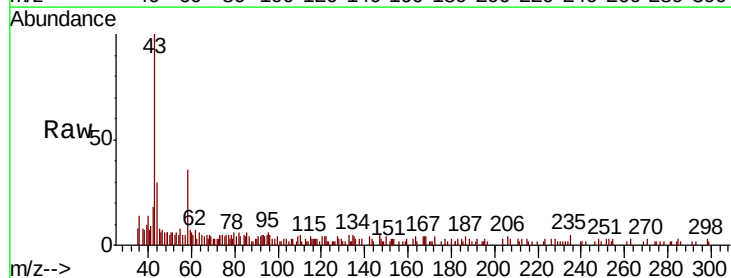
Instrument :
MSVOA_X
ClientSampled :
350

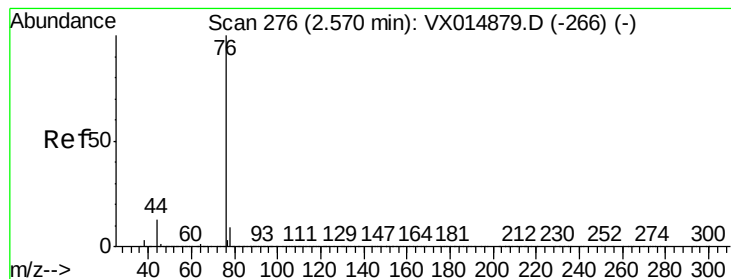
Tot Ion: 41 Resp: 2082
Ion Ratio Lower Upper
41 100
39 75.2 55.2 82.8
76 14.4 26.8 40.2#



#16
Acetone
Concen: Below Cal
RT: 2.46 min Scan# 258
Delta R.T. 0.03 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

Tgt Ion: 43 Resp: 7540
Ion Ratio Lower Upper
43 100
58 38.8 24.1 36.1#





#17

Carbon Disulfide

Concen: 0.419 ug/l

RT: 2.54 min Scan# 271

Delta R.T. -0.03 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

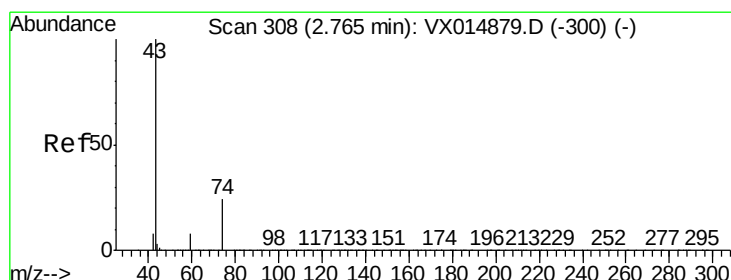
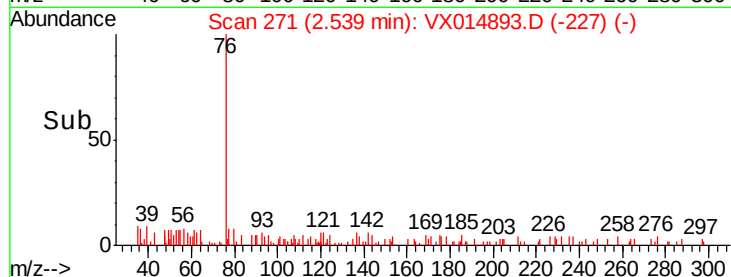
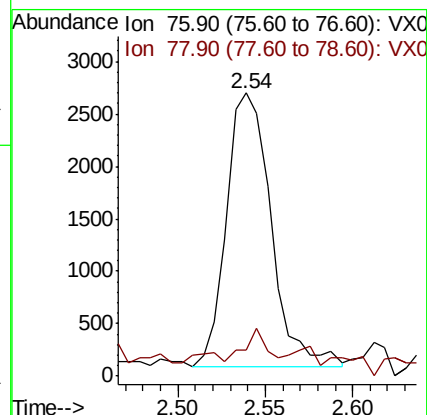
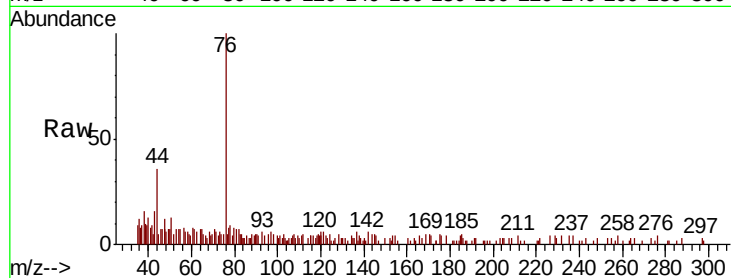
350

Tot Ion: 76 Resp: 4626

Ion Ratio Lower Upper

76 100

78 2.8 7.4 11.0#



#18

Methyl Acetate

Concen: 0.476 ug/l

RT: 2.78 min Scan# 310

Delta R.T. 0.01 min

Lab File: VX014893.D

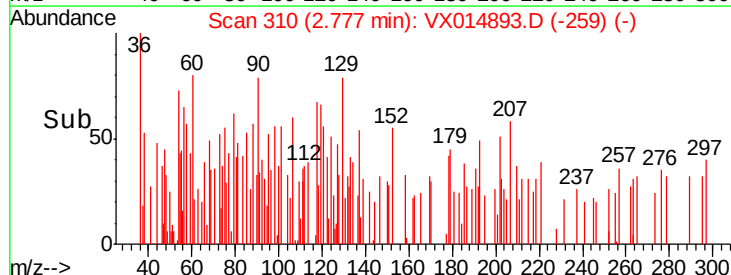
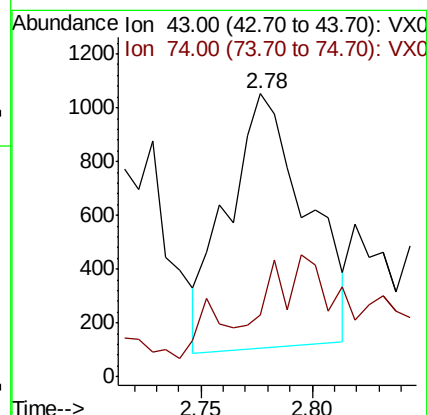
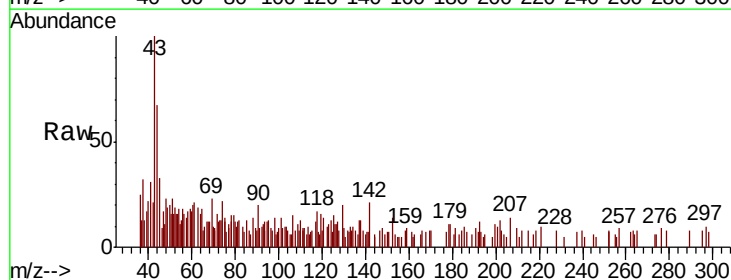
Acq: 10 Feb 2020 17:16

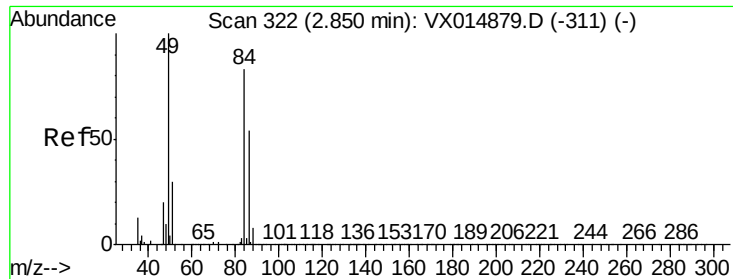
Tgt Ion: 43 Resp: 2332

Ion Ratio Lower Upper

43 100

74 17.7 19.4 29.0#

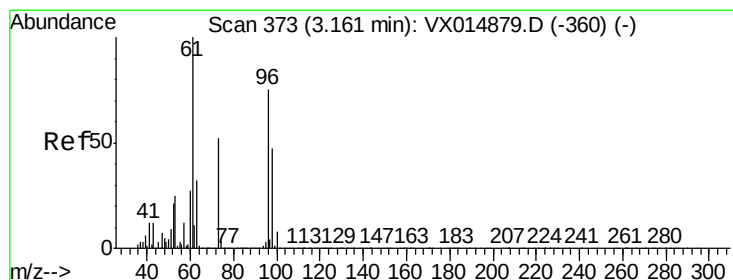
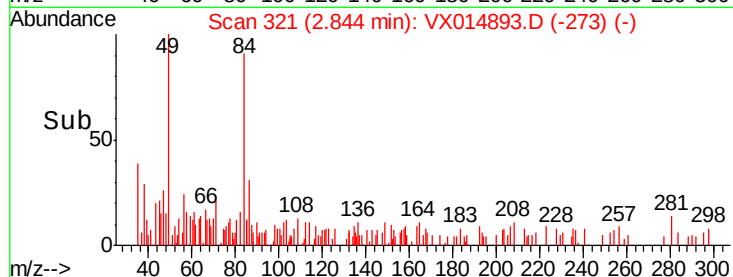
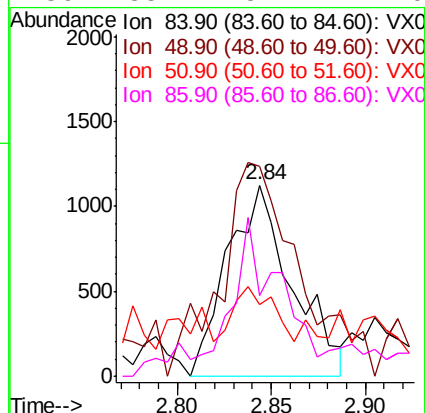
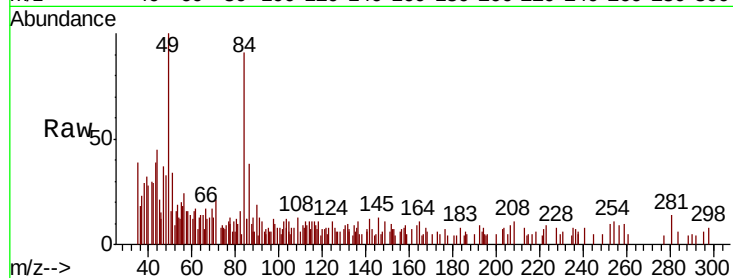




#20
Methylene Chloride
Concen: 0.573 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

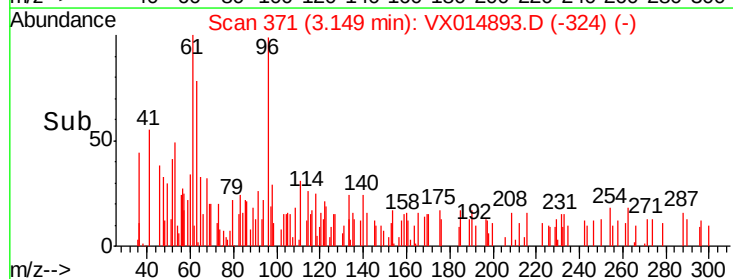
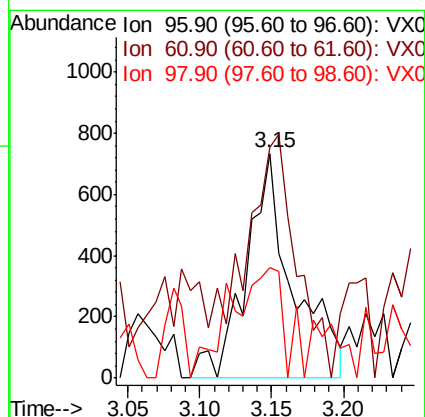
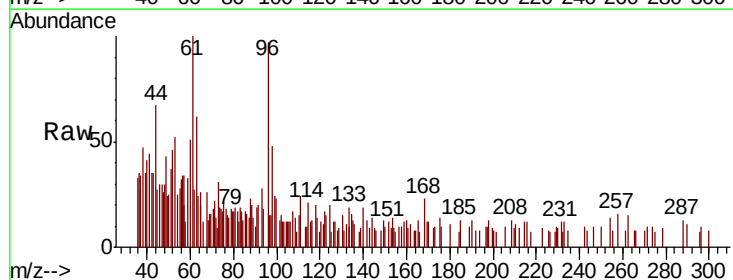
Instrument :
MSVOA_X
ClientSampleId :
350

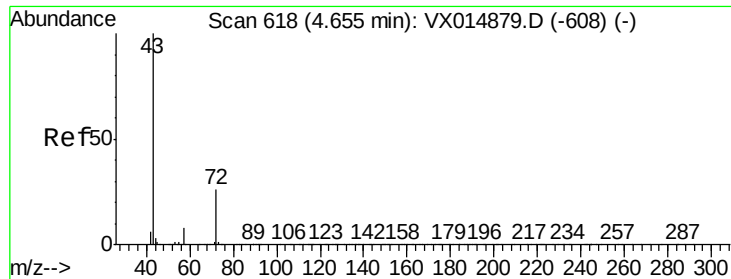
Tot Ion:	84	Resp:	2682
Ion	Ratio	Lower	Upper
84	100		
49	71.8	95.6	143.4#
51	14.8	29.0	43.6#
86	33.7	51.4	77.0#



#21
trans-1,2-Dichloroethene
Concen: 0.380 ug/l
RT: 3.15 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

Tgt Ion:	96	Resp:	1658
Ion	Ratio	Lower	Upper
96	100		
61	64.2	106.9	160.3#
98	49.4	50.7	76.1#





#25

2-Butanone

Concen: 1.427 ug/l

RT: 4.70 min Scan# 626

Delta R.T. 0.05 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

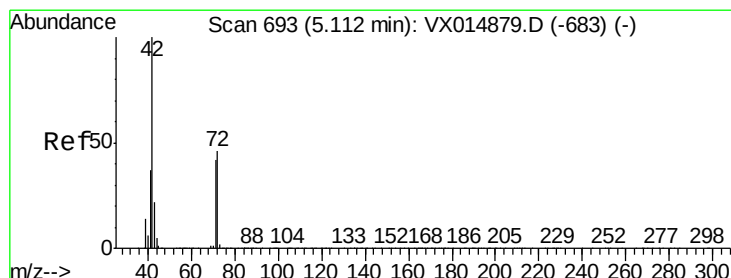
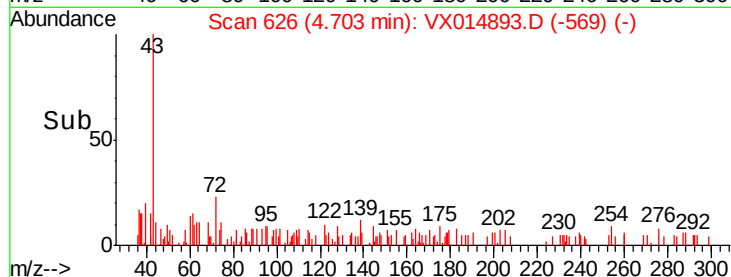
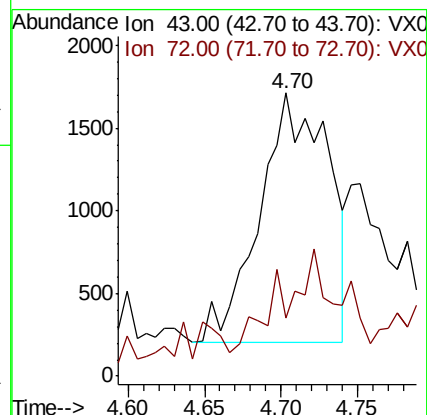
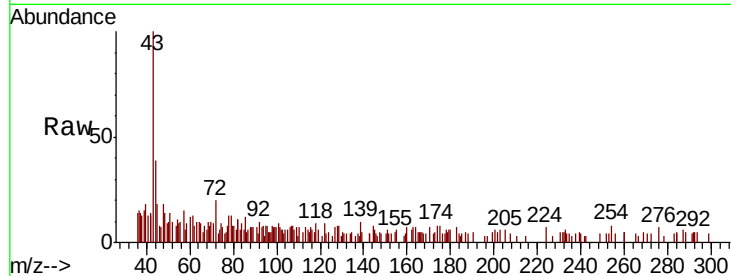
Instrument :
MSVOA_X
ClientSampleId :
350

Tot Ion: 43 Resp: 4730

Ion Ratio Lower Upper

43 100

72 15.9 21.0 31.6#



#29

Tetrahydrofuran

Concen: 0.221 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

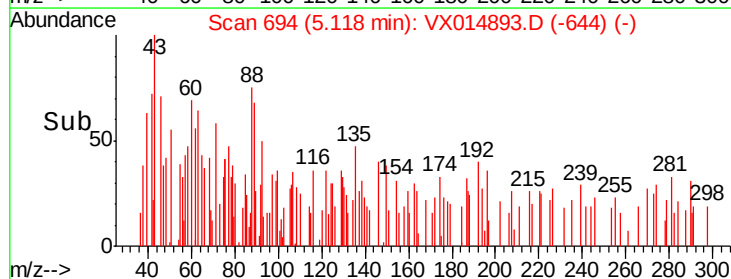
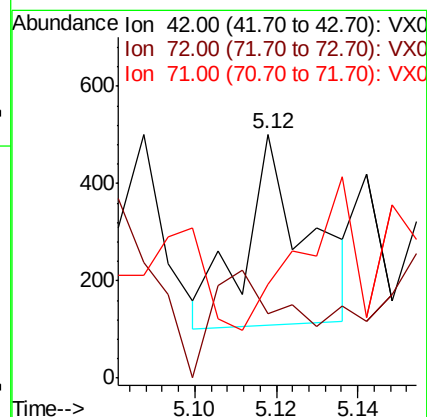
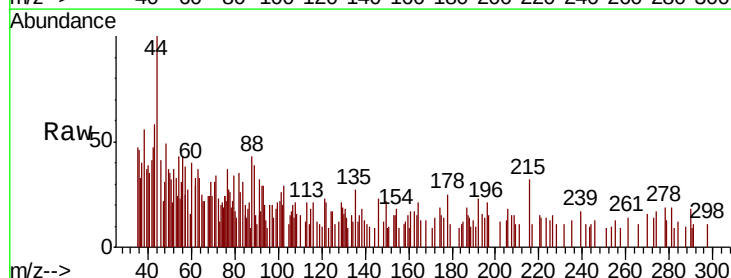
Tgt Ion: 42 Resp: 417

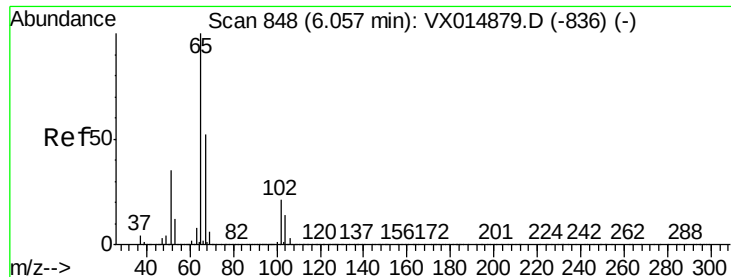
Ion Ratio Lower Upper

42 100

72 70.3 36.9 55.3#

71 109.1 34.1 51.1#

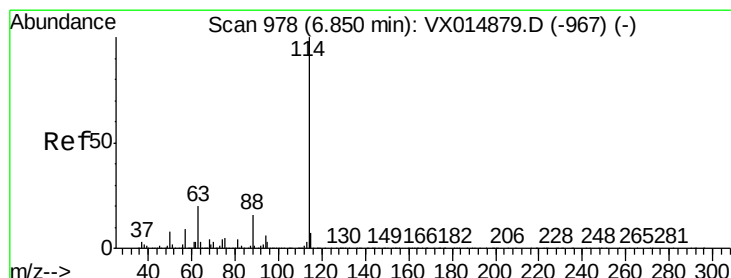
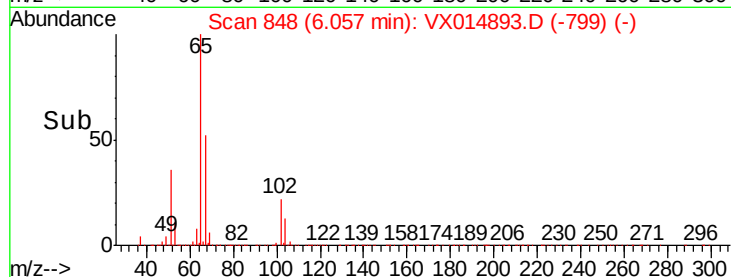
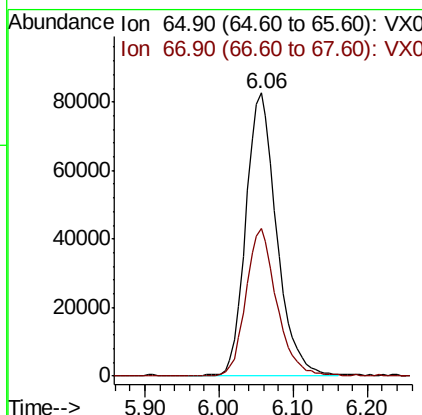
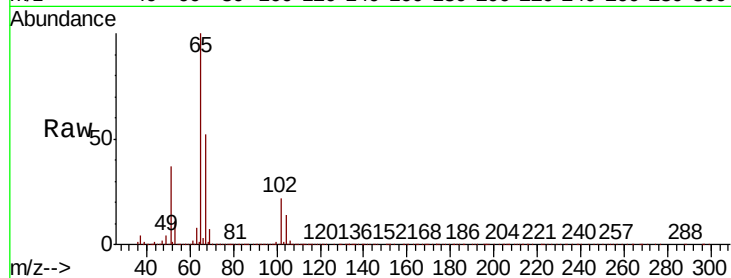




#33
 1,2-Dichloroethane-d4
 Concen: 49.069 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX014893.D
 Acq: 10 Feb 2020 17:16

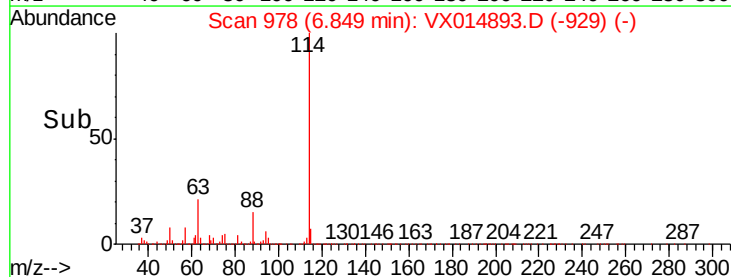
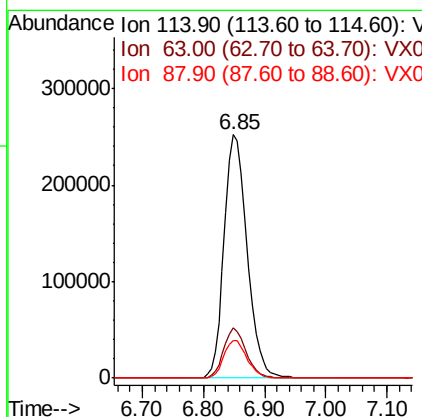
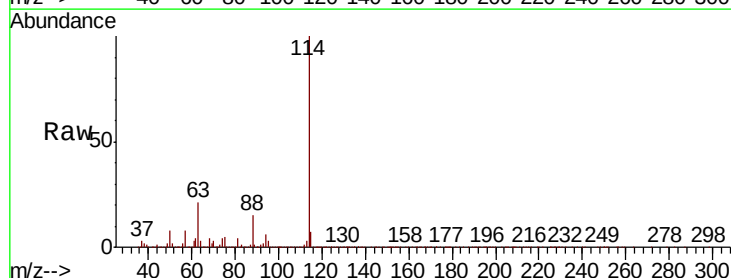
Instrument :
 MSVOA_X
 ClientSampleId :
 350

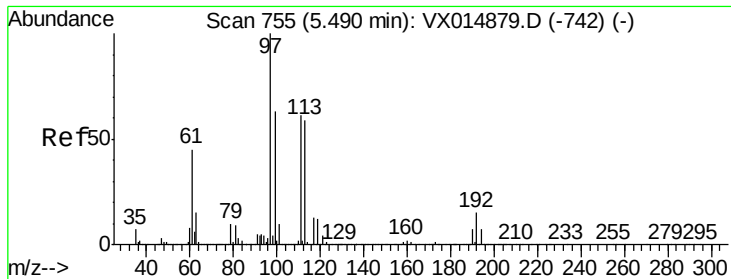
Tot Ion: 65 Resp: 238909
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014893.D
 Acq: 10 Feb 2020 17:16

Tgt Ion: 114 Resp: 657116
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 15.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.077 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

350

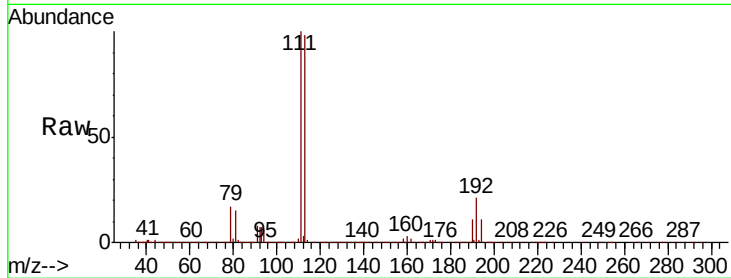
Tot Ion:113 Resp: 194220

Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

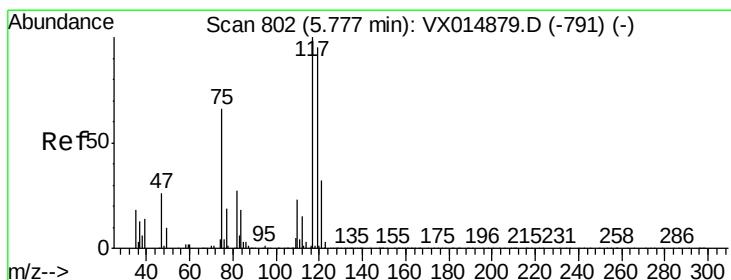
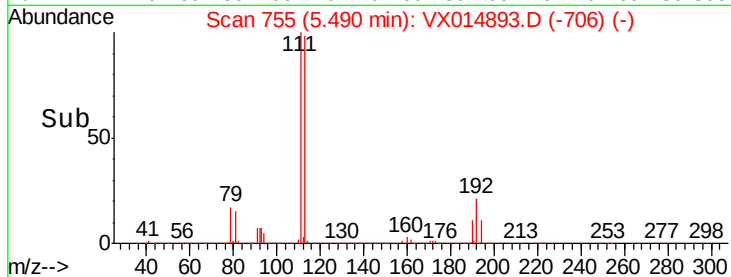
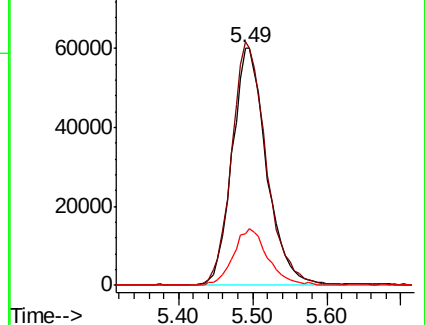
192 24.4 19.1 28.7



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



#38

Carbon Tetrachloride

Concen: 6.752 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

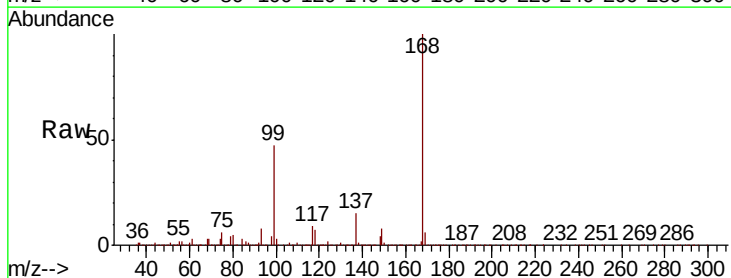
Tgt Ion:117 Resp: 38676

Ion Ratio Lower Upper

117 100

119 4.6 76.0 114.0#

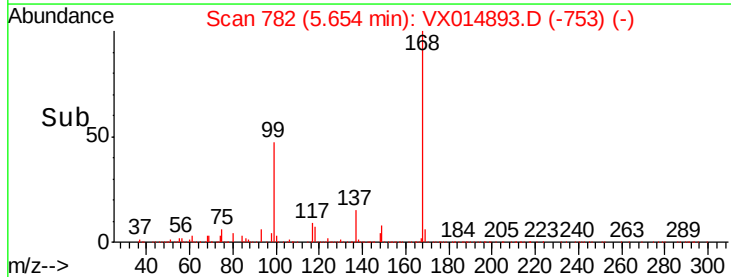
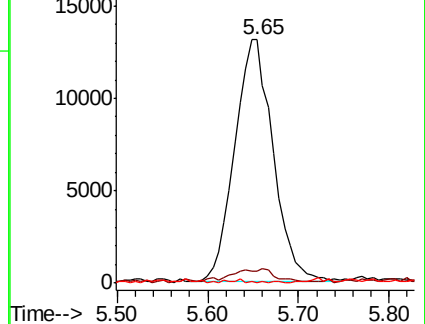
121 0.4 25.4 38.2#

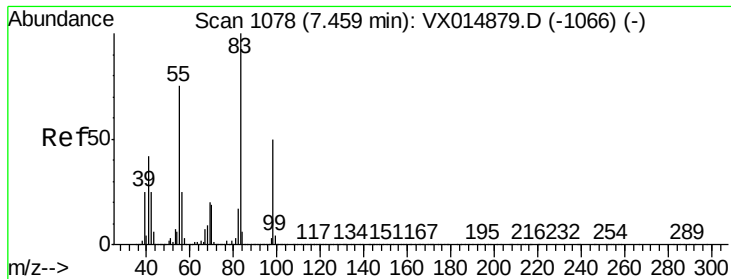


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

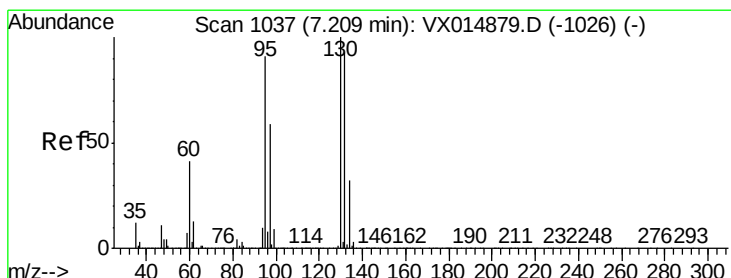
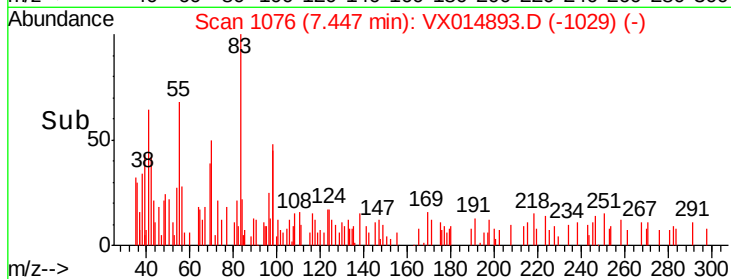
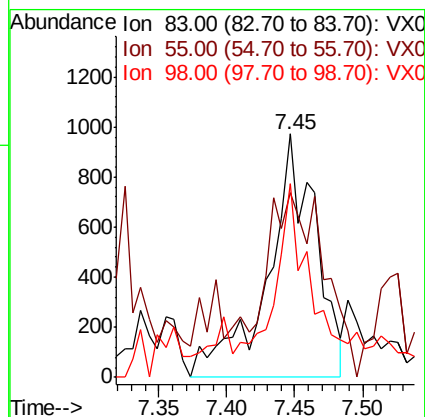
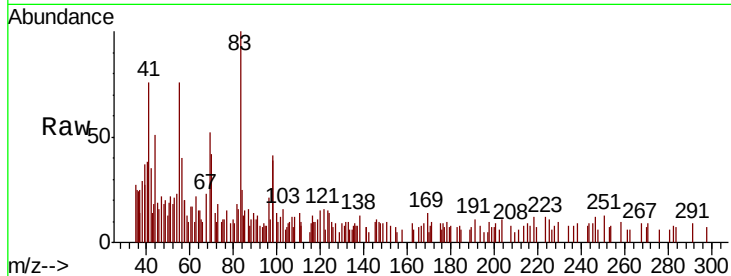




#39
Methylvlcyclohexane
Concen: 0.326 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

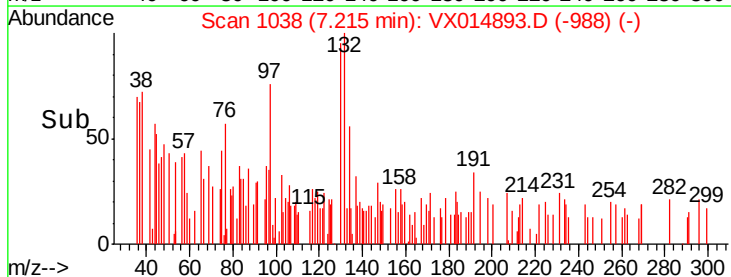
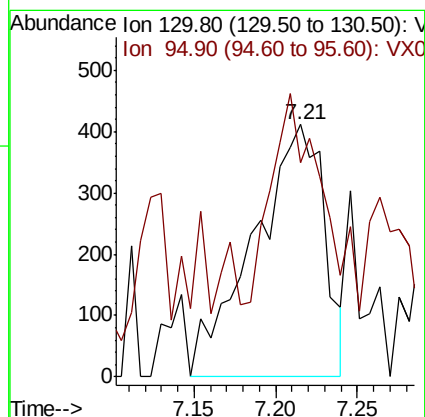
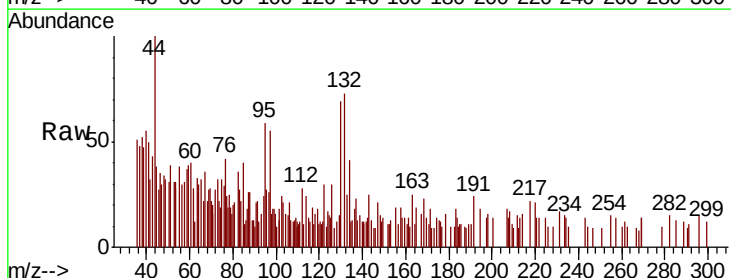
Instrument :
MSVOA_X
ClientSampleId :
350

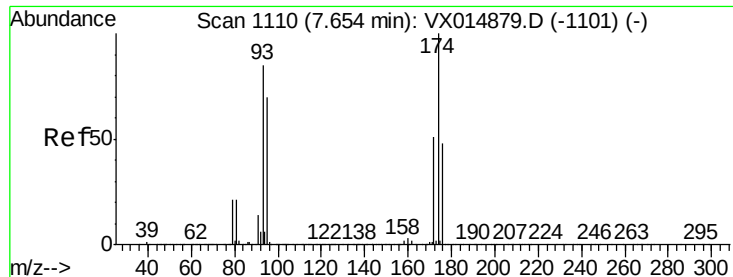
Tot Ion: 83 Resp: 2395
Ion Ratio Lower Upper
83 100
55 63.4 60.0 90.0
98 64.1 39.6 59.4#



#44
Trichloroethene
Concen: 0.242 ug/l
RT: 7.21 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

Tgt Ion:130 Resp: 1236
Ion Ratio Lower Upper
130 100
95 58.0 0.0 182.6





#46

Dibromomethane

Concen: 0.295 ug/l

RT: 7.67 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampled :

350

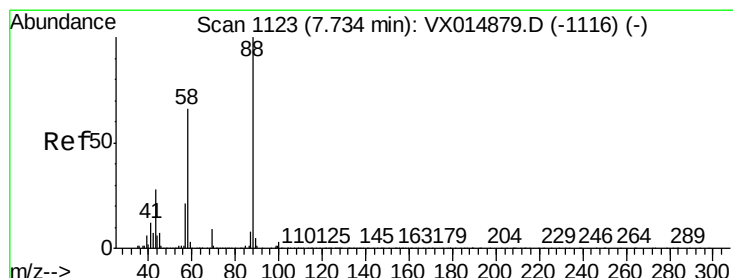
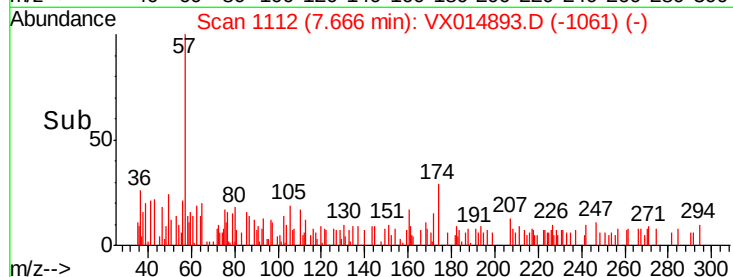
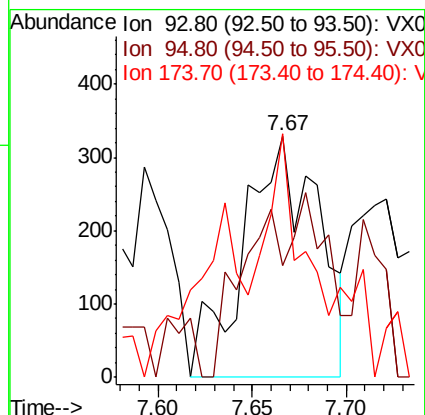
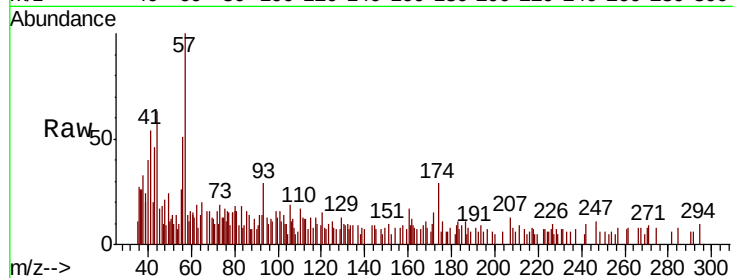
Tot Ion: 93 Resp: 904

Ion Ratio Lower Upper

93 100

95 40.6 65.8 98.8#

174 29.4 95.4 143.2#



#49

1,4-Dioxane

Concen: 1.784 ug/l

RT: 7.71 min Scan# 1120

Delta R.T. -0.02 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

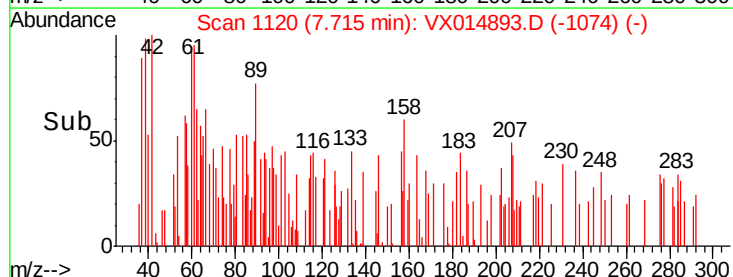
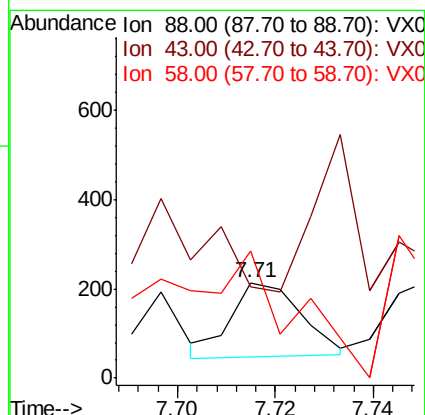
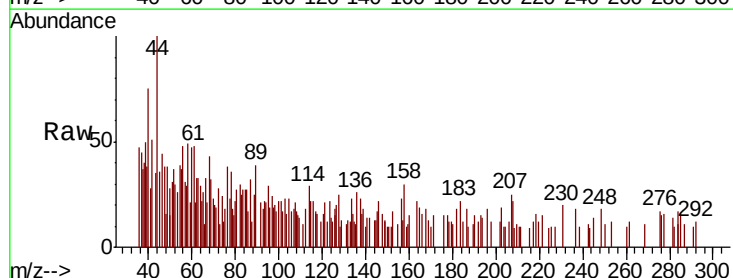
Tgt Ion: 88 Resp: 166

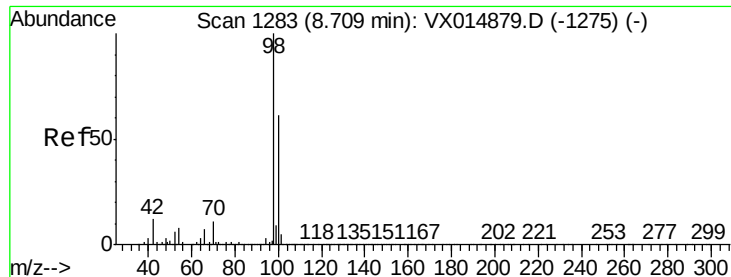
Ion Ratio Lower Upper

88 100

43 156.0 27.0 40.4#

58 278.3 53.2 79.8#





#50

Toluene-d8

Concen: 50.885 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

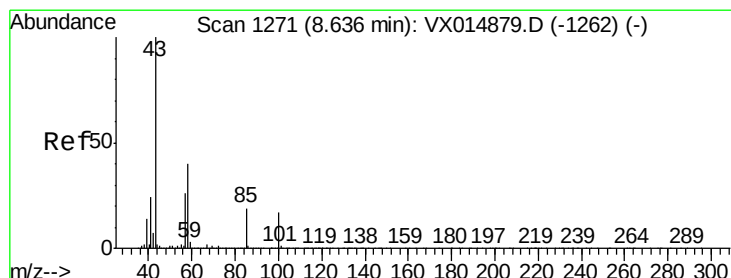
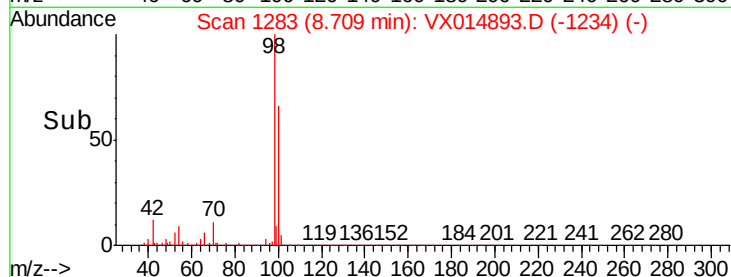
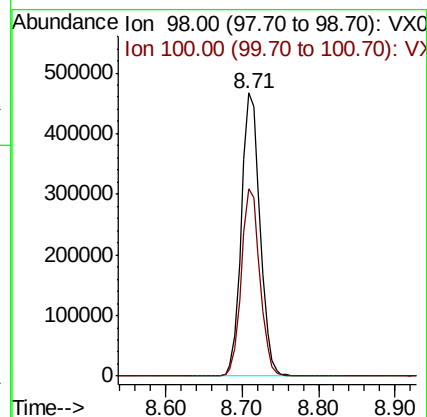
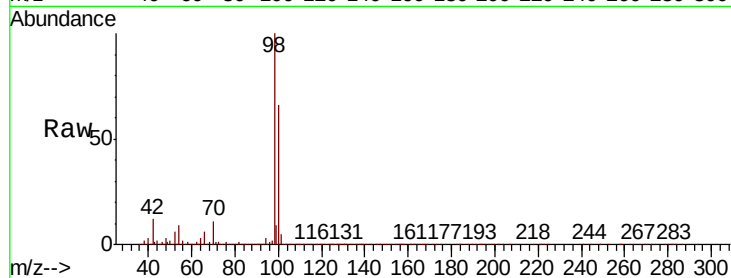
350

Tot Ion: 98 Resp: 784664

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 0.730 ug/l

RT: 8.67 min Scan# 1277

Delta R.T. 0.04 min

Lab File: VX014893.D

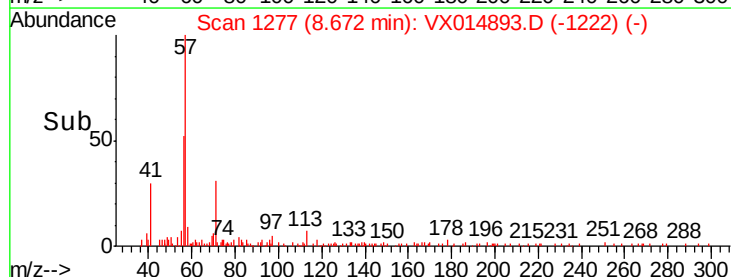
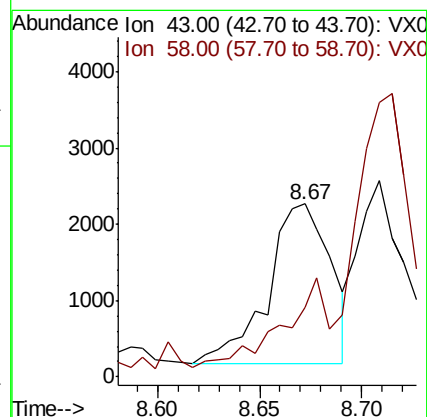
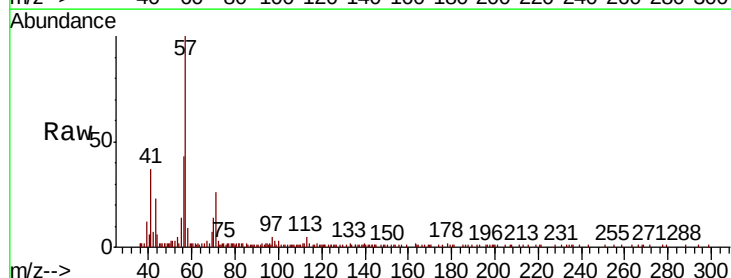
Acq: 10 Feb 2020 17:16

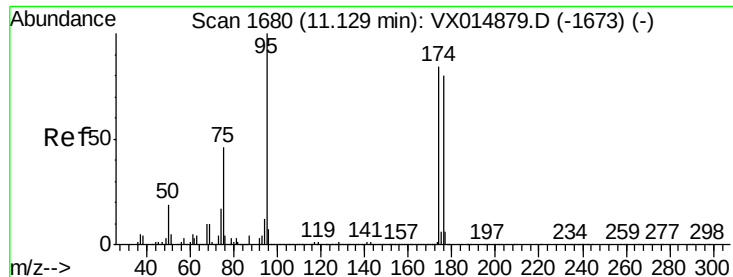
Tgt Ion: 43 Resp: 4458

Ion Ratio Lower Upper

43 100

58 48.6 31.9 47.9#

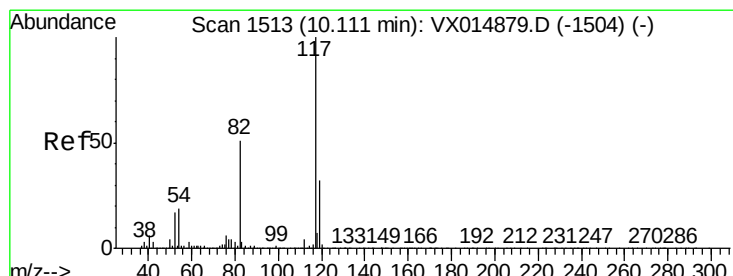
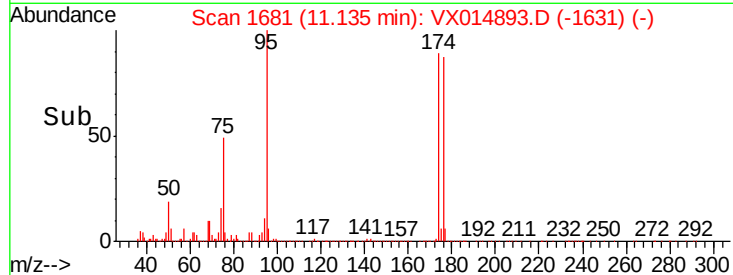
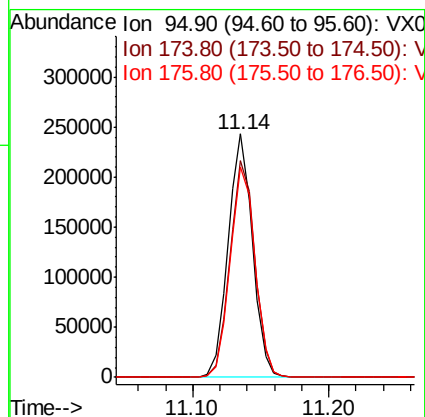
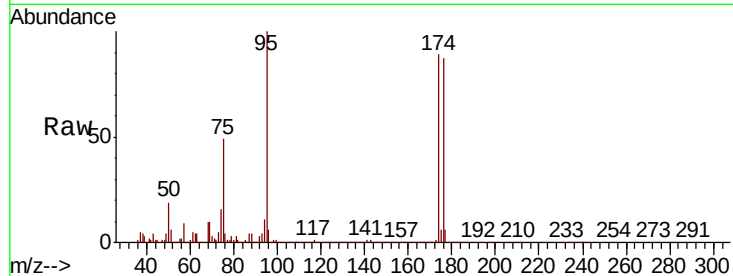




#62
4-Bromofluorobenzene
Concen: 54.076 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

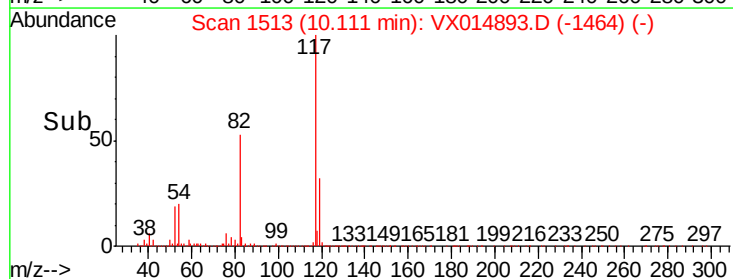
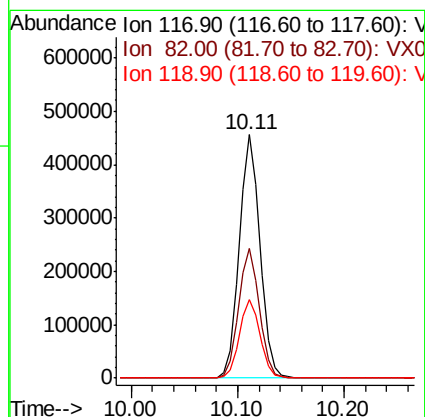
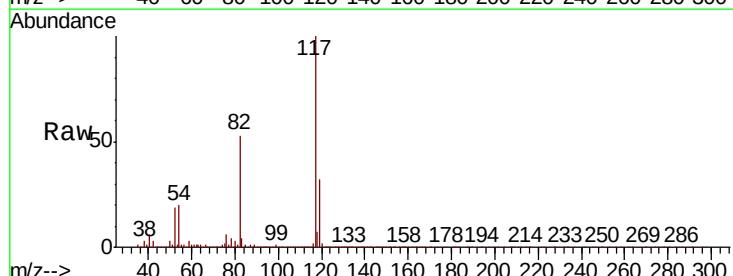
Instrument :
MSVOA_X
ClientSampleId :
350

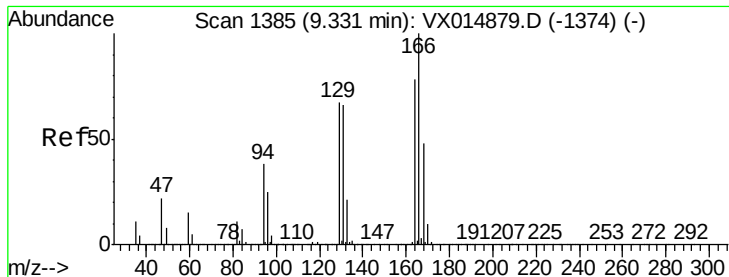
Tot Ion: 95 Resp: 300386
Ion Ratio Lower Upper
95 100
174 91.9 0.0 183.0
176 89.1 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

Tgt Ion: 117 Resp: 623633
Ion Ratio Lower Upper
117 100
82 53.1 40.5 60.7
119 32.2 25.8 38.6





#64

Tetrachloroethene

Concen: 0.238 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampled :

350

Tot Ion:164 Resp: 1387

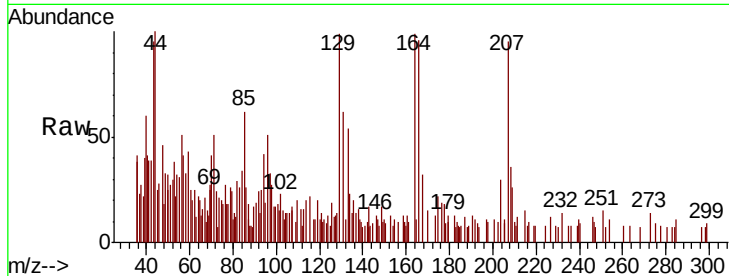
Ion Ratio Lower Upper

164 100

166 83.6 102.6 153.8#

129 92.2 68.3 102.5

131 48.6 67.4 101.2#

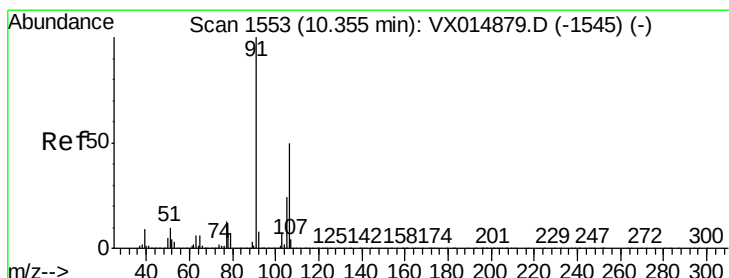
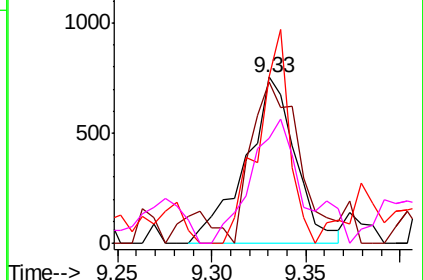
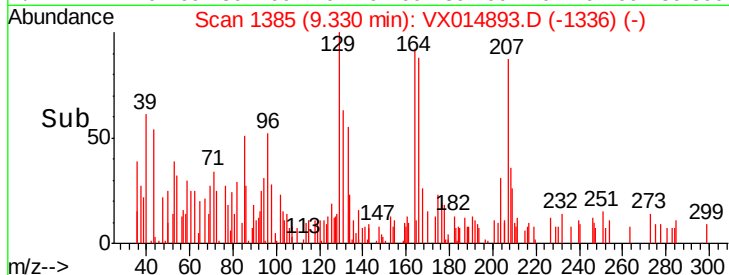


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#68

m/p-Xylenes

Concen: 0.349 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014893.D

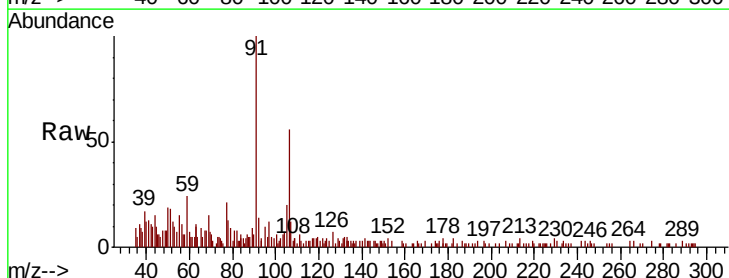
Acq: 10 Feb 2020 17:16

Tgt Ion:106 Resp: 2890

Ion Ratio Lower Upper

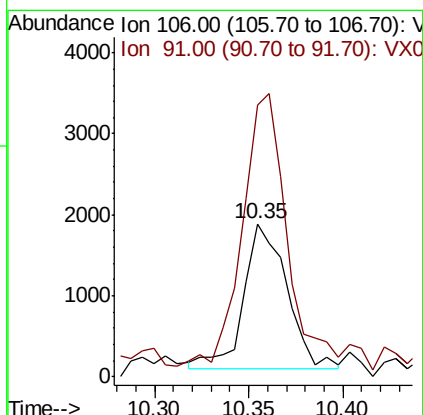
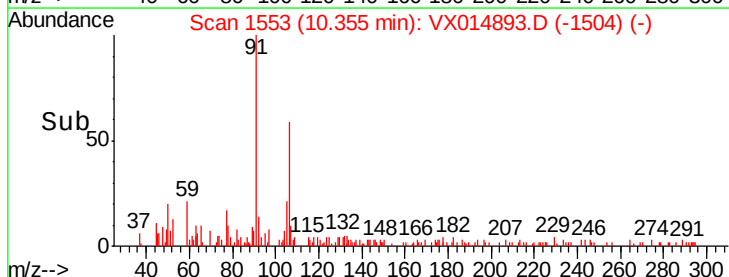
106 100

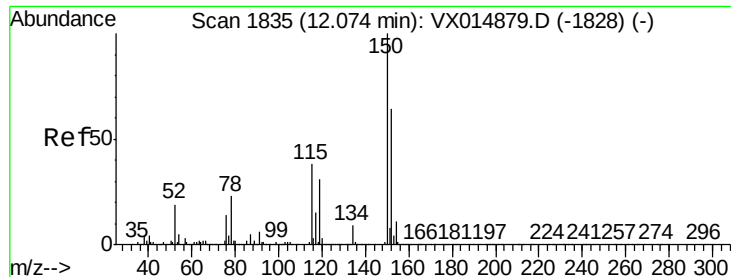
91 209.9 160.6 240.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



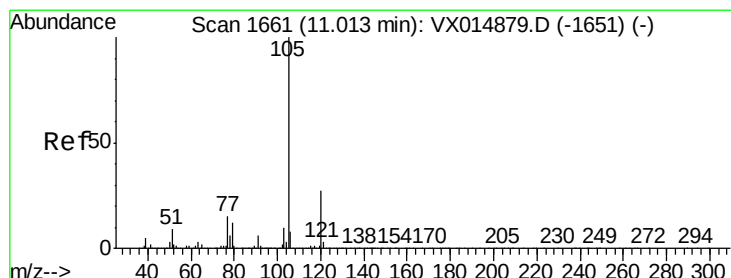
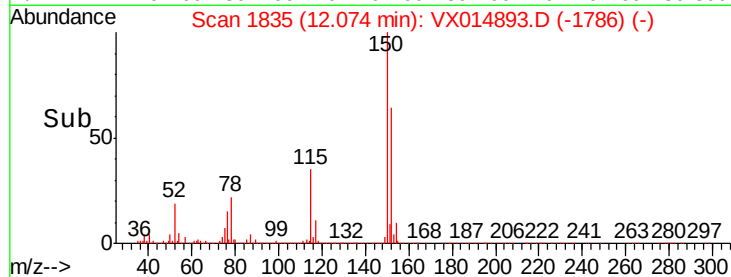
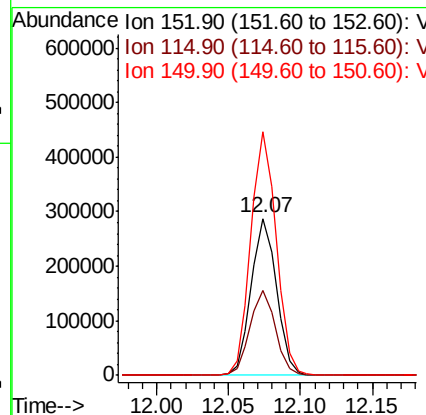
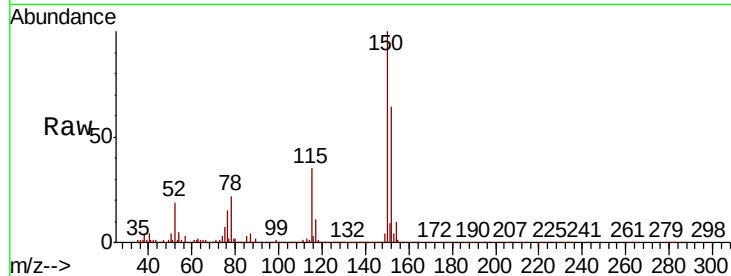


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
350

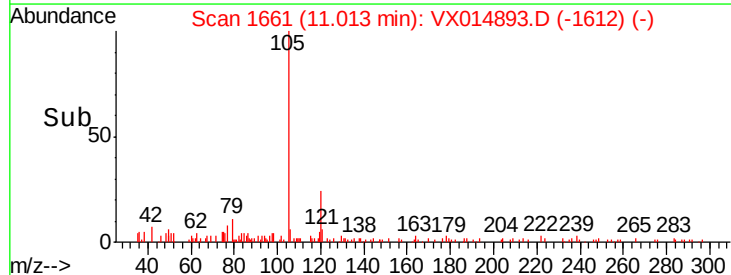
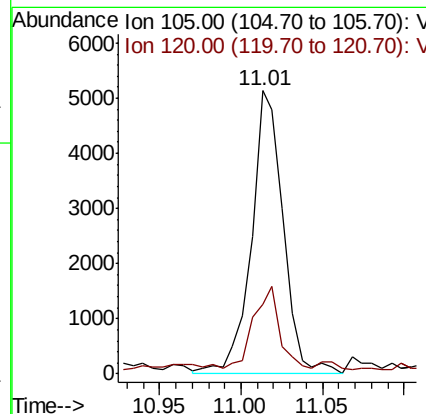
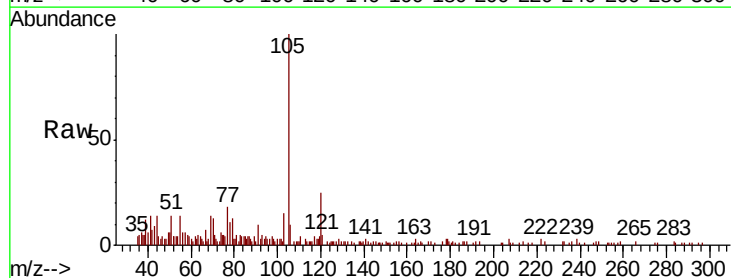
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.3	38.6	116.0
150	155.8	0.0	349.0

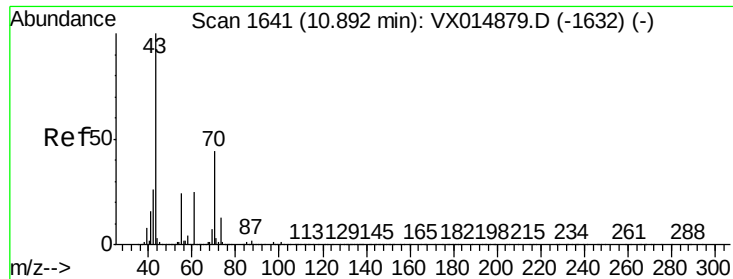


#73

Isopropylbenzene
Concen: 0.319 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.0	13.6	40.8





#74

N-amvl acetate

Concen: 0.352 ug/l

RT: 10.91 min Scan# 1644

Delta R.T. 0.02 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampled :

350

Tot Ion: 43 Resp: 3198

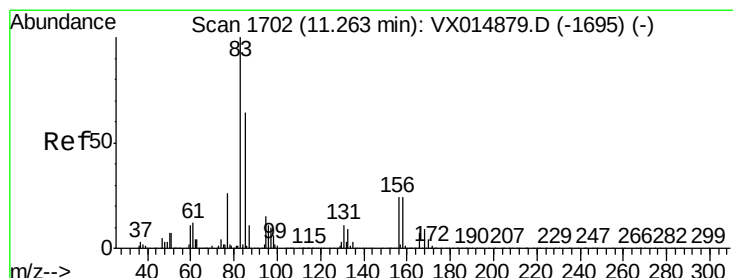
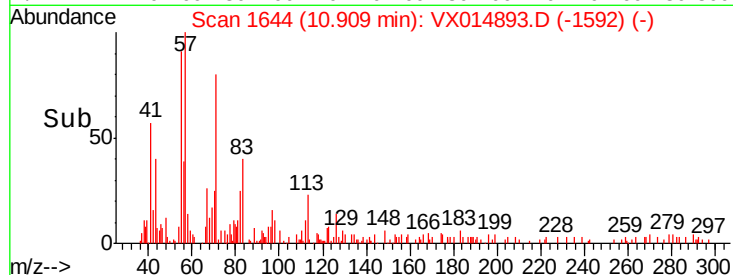
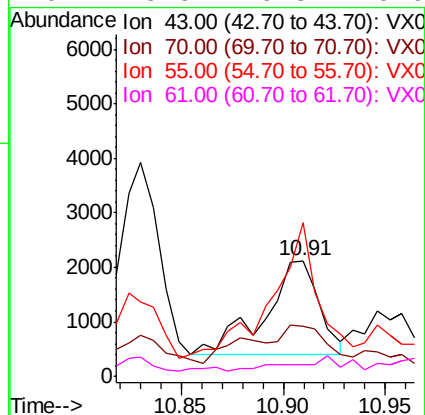
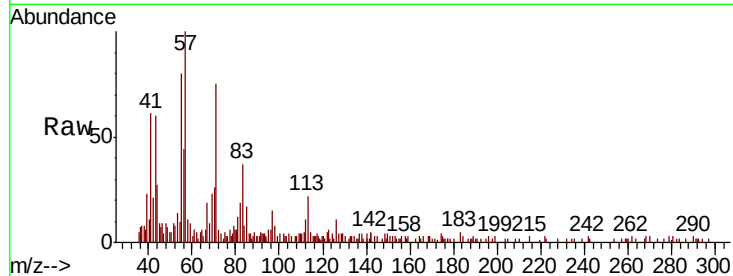
Ion Ratio Lower Upper

43 100

70 26.1 35.0 52.4#

55 114.2 19.4 29.2#

61 15.6 19.8 29.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.210 ug/l

RT: 11.24 min Scan# 1699

Delta R.T. -0.02 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

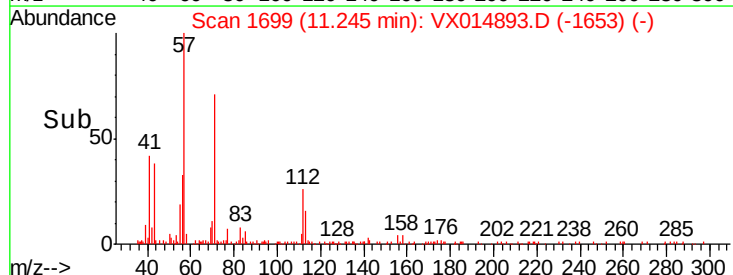
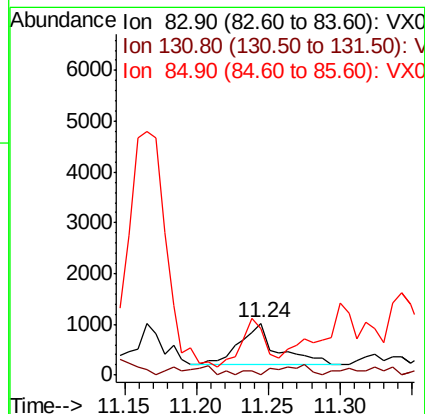
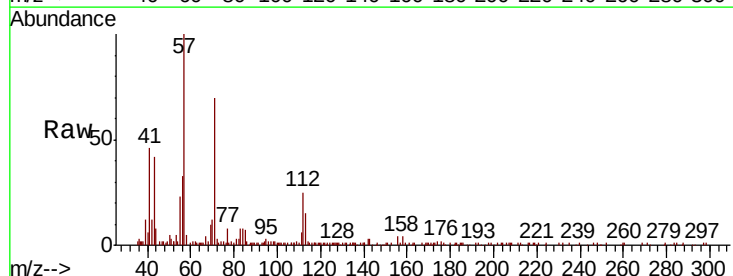
Tgt Ion: 83 Resp: 1504

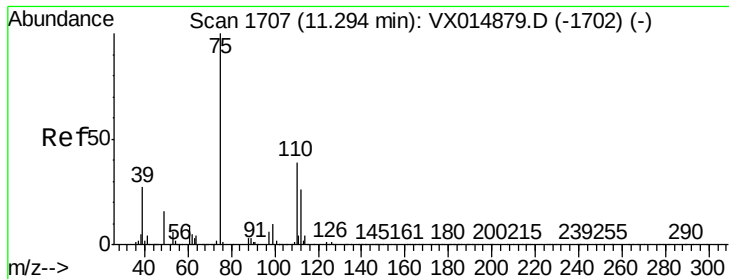
Ion Ratio Lower Upper

83 100

131 4.1 5.3 16.1#

85 73.5 32.6 97.7





#76

1,2,3-Trichloropropane

Concen: 23.393 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

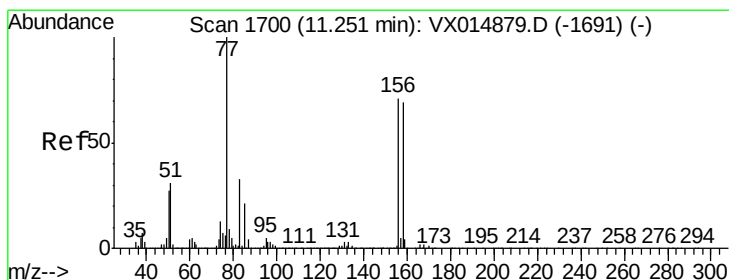
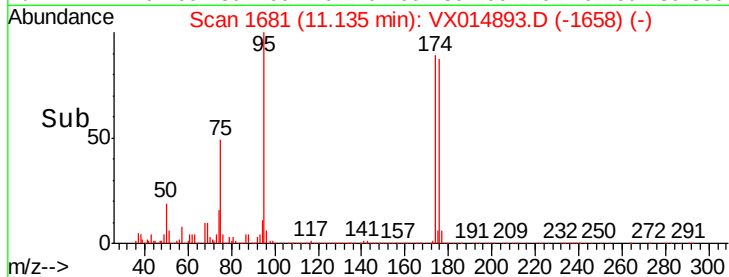
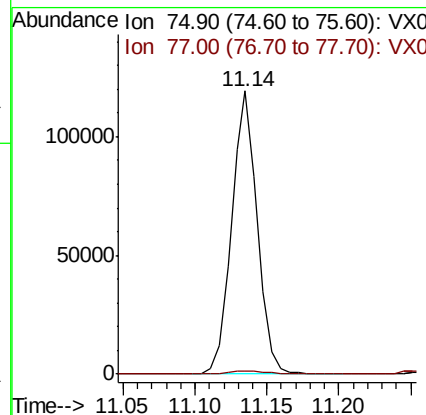
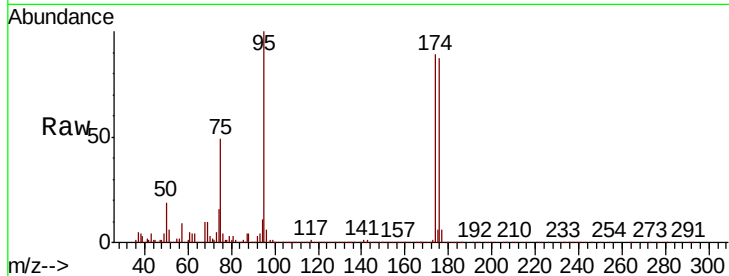
350

Tot Ion: 75 Resp: 147688

Ion Ratio Lower Upper

75 100

77 1.6 18.4 55.0#



#77

Bromobenzene

Concen: 0.233 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

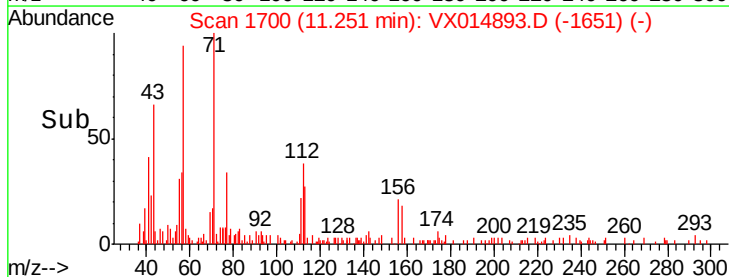
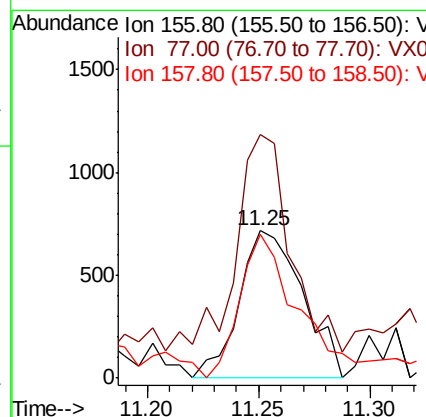
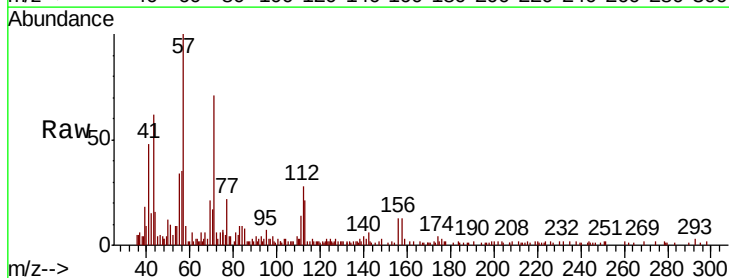
Tgt Ion: 156 Resp: 1426

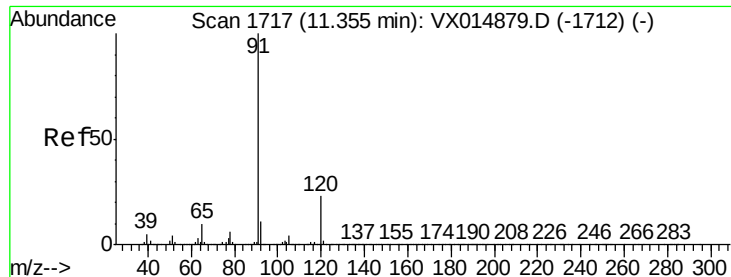
Ion Ratio Lower Upper

156 100

77 125.4 74.0 222.0

158 90.5 48.9 146.6

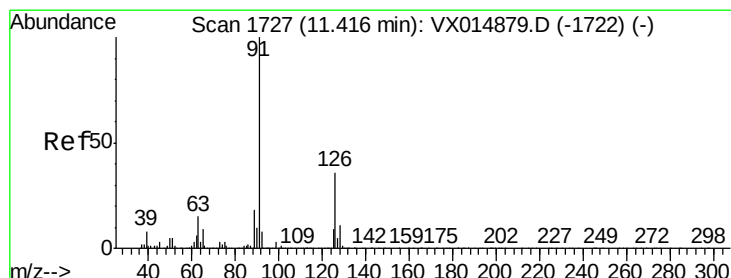
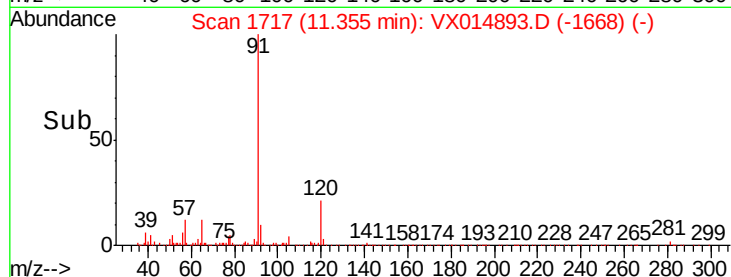
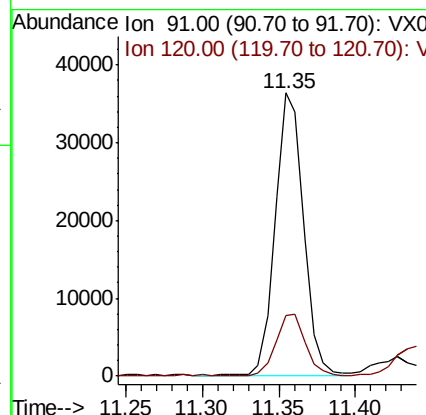
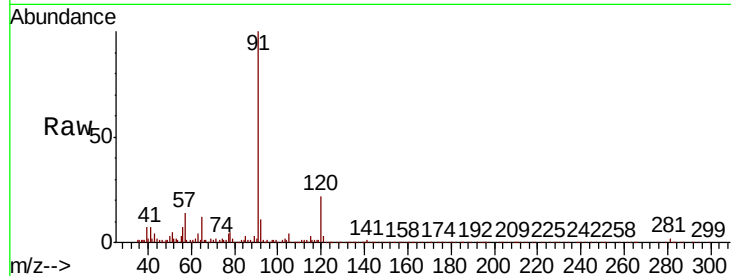




#78
n-propylbenzene
Concen: 1.846 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

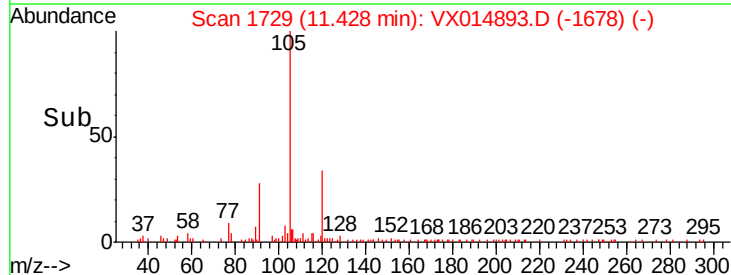
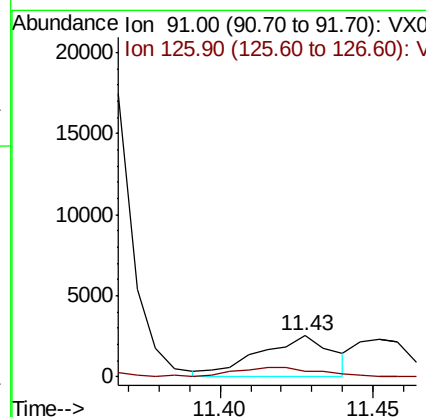
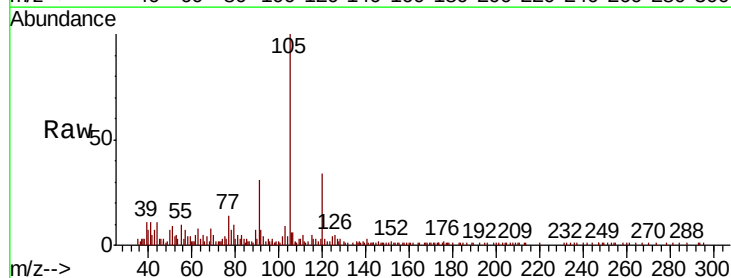
Instrument :
MSVOA_X
ClientSampleId :
350

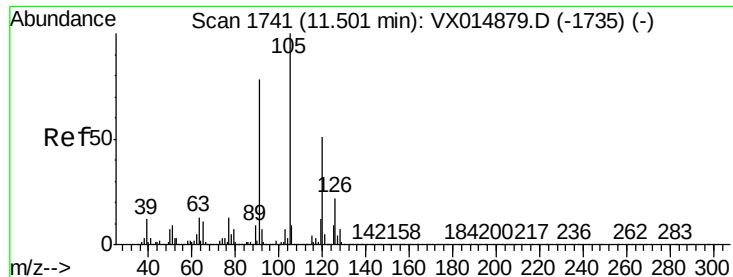
Tot Ion: 91 Resp: 46740
Ion Ratio Lower Upper
91 100
120 23.1 11.8 35.4



#79
2-Chlorotoluene
Concen: 0.272 ug/l
RT: 11.43 min Scan# 1729
Delta R.T. 0.01 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

Tgt Ion: 91 Resp: 4050
Ion Ratio Lower Upper
91 100
126 29.2 18.0 54.0

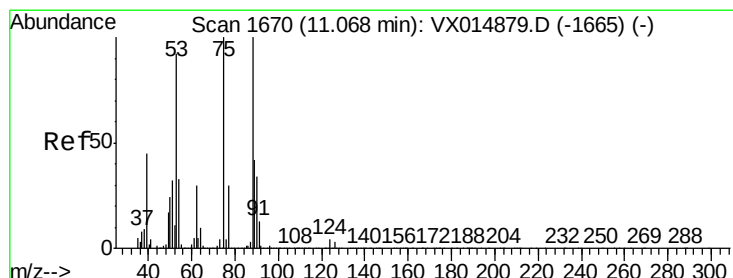
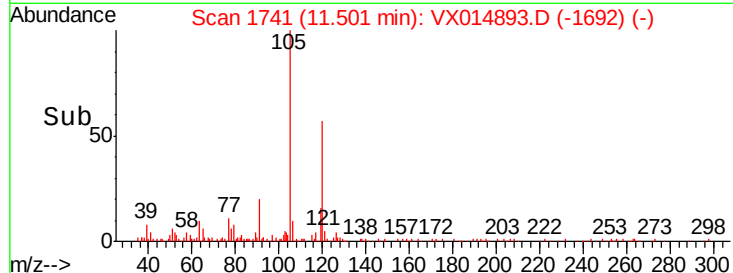
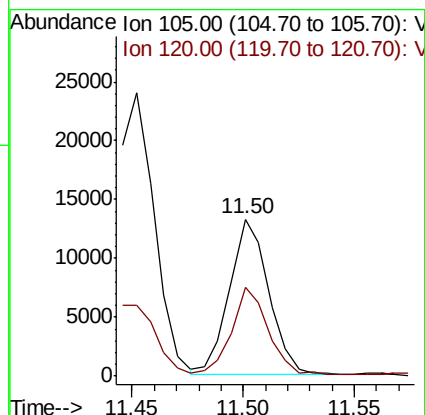
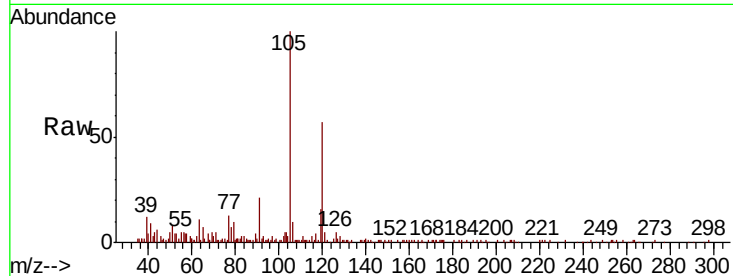




#80
 1,3,5-Trimethylbenzene
 Concen: 0.883 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014893.D
 Acq: 10 Feb 2020 17:16

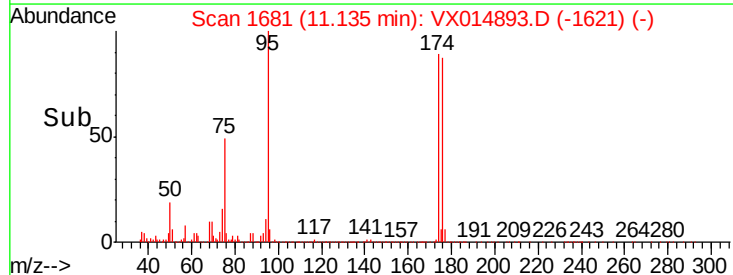
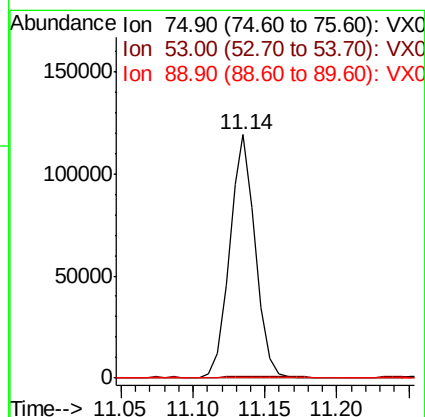
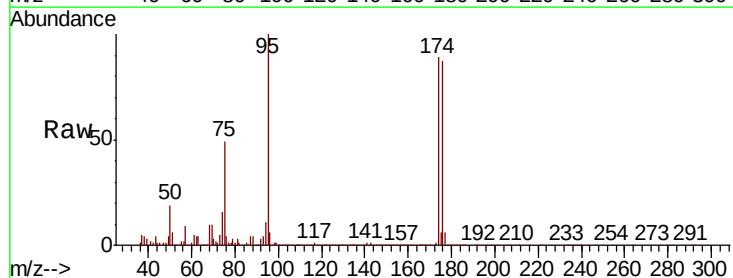
Instrument :
 MSVOA_X
 ClientSampled :
 350

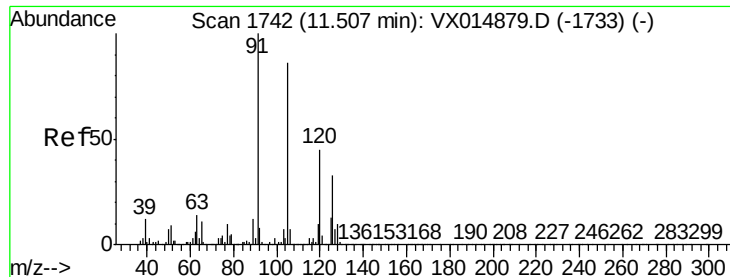
Tot Ion:105 Resp: 16155
 Ion Ratio Lower Upper
 105 100
 120 53.5 25.6 76.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.879 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX014893.D
 Acq: 10 Feb 2020 17:16

Tgt Ion: 75 Resp: 147688
 Ion Ratio Lower Upper
 75 100
 53 0.5 76.2 114.2#
 89 0.2 35.8 53.6#

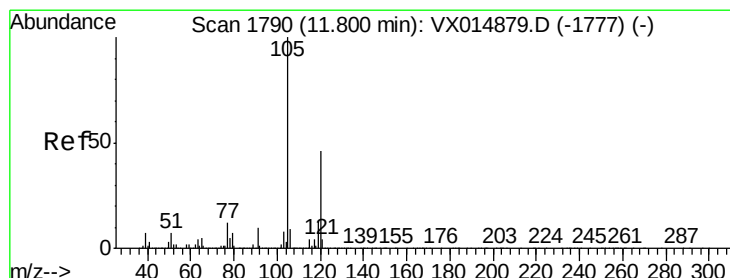
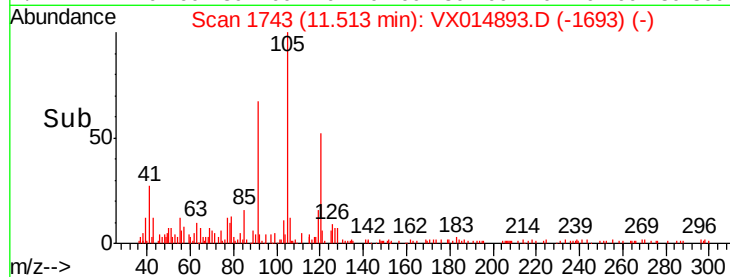
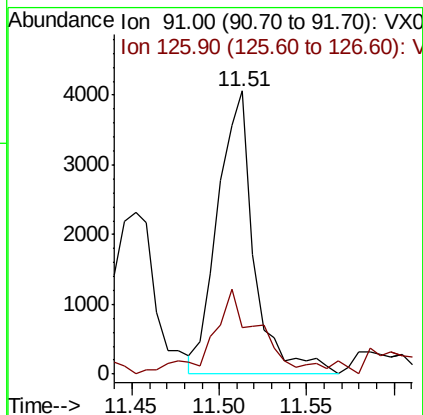
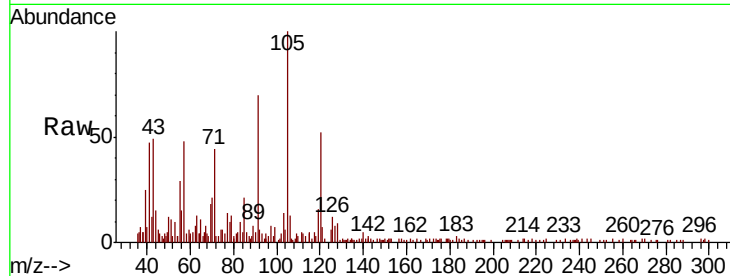




#82
4-Chlorotoluene
Concen: 0.335 ug/l
RT: 11.51 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

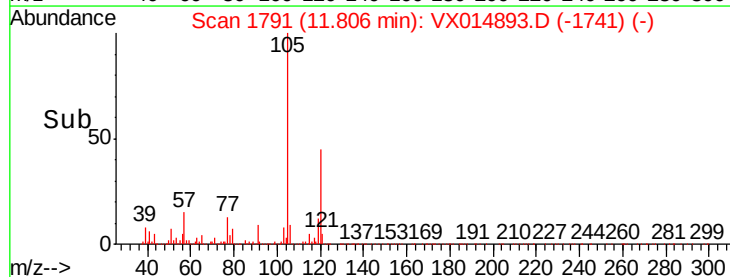
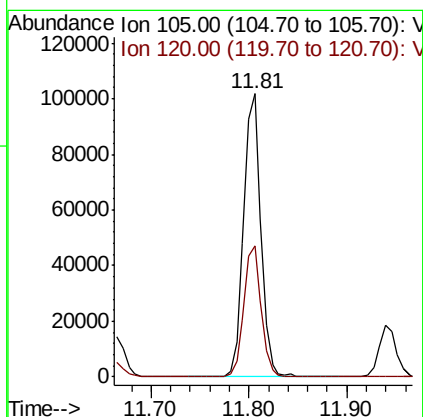
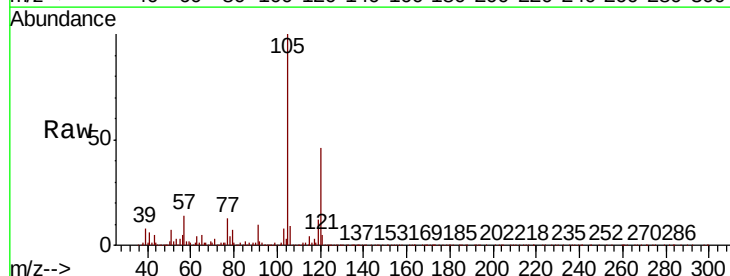
Instrument :
MSVOA_X
ClientSampleId :
350

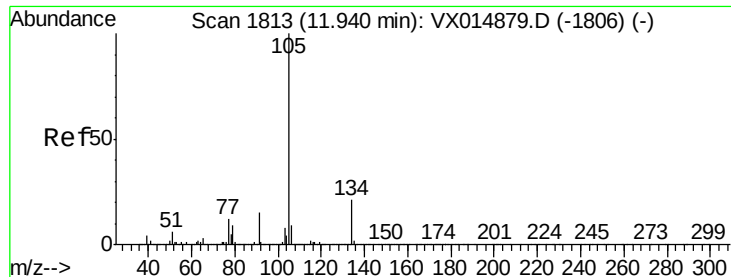
Tot Ion: 91 Resp: 5903
Ion Ratio Lower Upper
91 100
126 37.7 15.7 47.0



#84
1,2,4-Trimethylbenzene
Concen: 6.744 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

Tgt Ion: 105 Resp: 124337
Ion Ratio Lower Upper
105 100
120 46.6 23.0 69.0

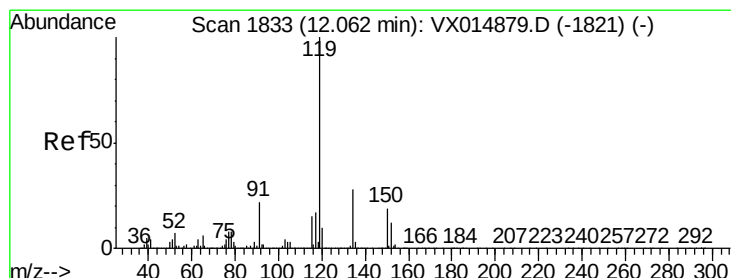
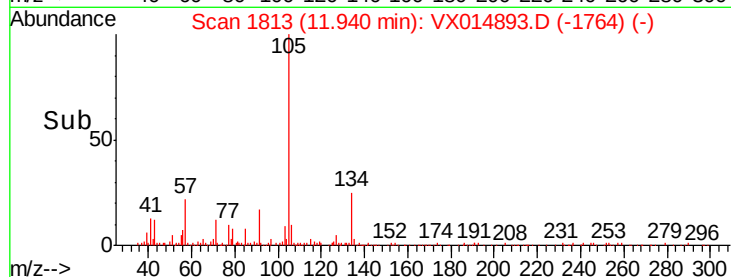
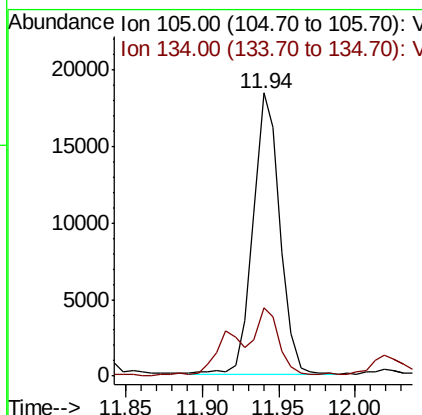
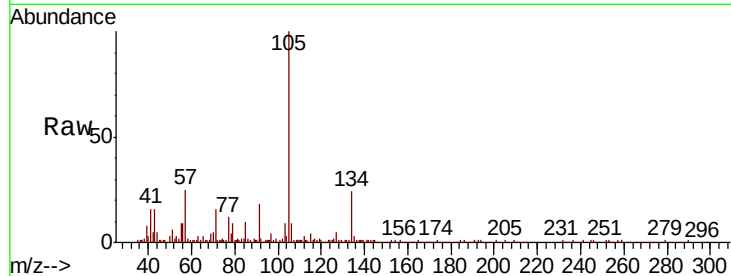




#85
 sec-Butylbenzene
 Concen: 1.037 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014893.D
 Acq: 10 Feb 2020 17:16

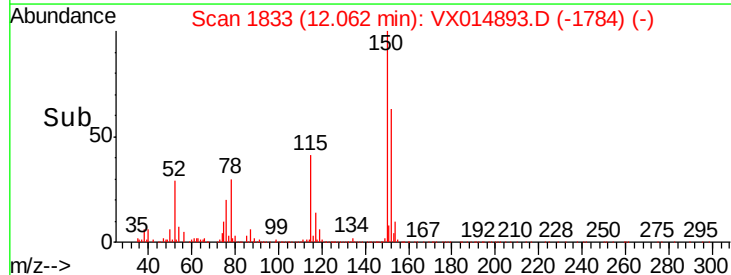
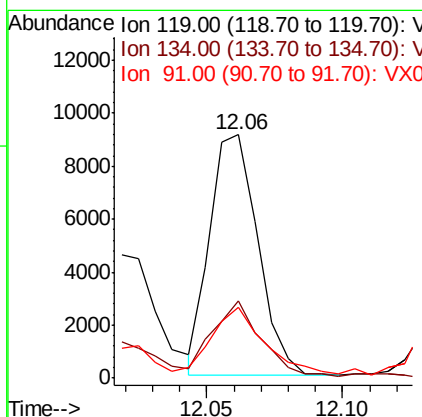
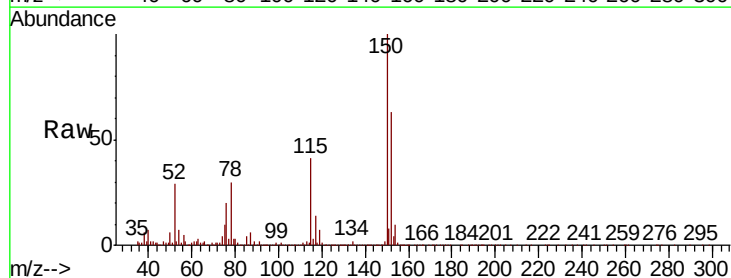
Instrument :
 MSVOA_X
 ClientSampleId :
 350

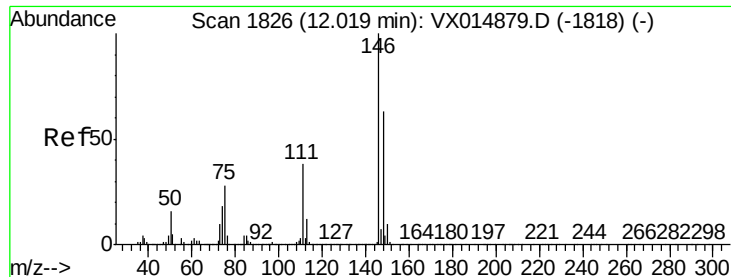
Tot Ion:105 Resp: 22307
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 0.553 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX014893.D
 Acq: 10 Feb 2020 17:16

Tgt Ion:119 Resp: 11132
 Ion Ratio Lower Upper
 119 100
 134 31.0 13.5 40.5
 91 30.5 11.4 34.1

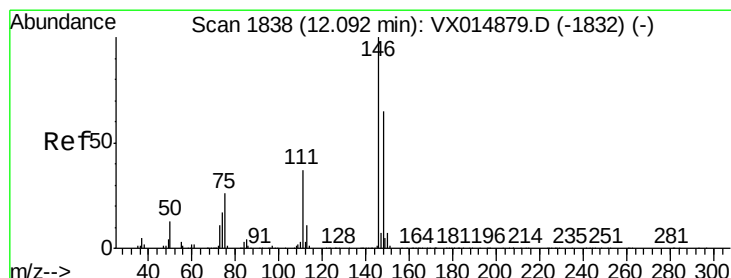
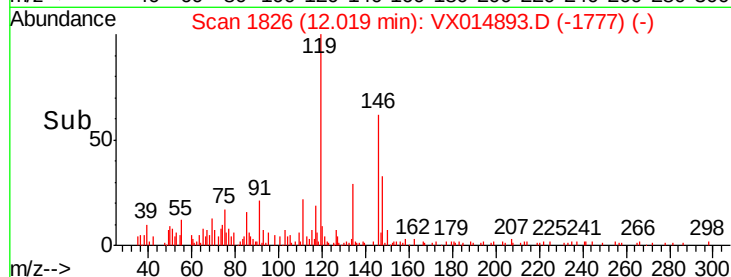
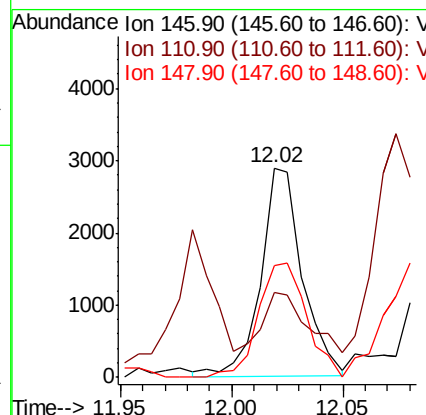
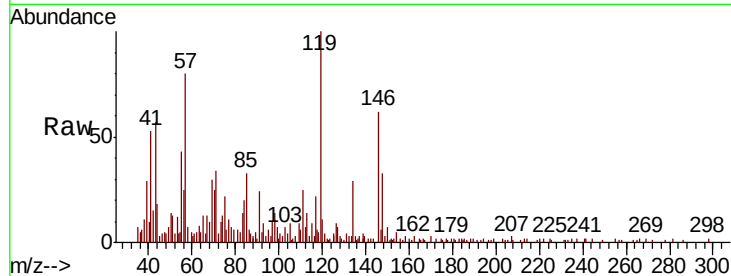




#87
 1,3-Dichlorobenzene
 Concen: 0.344 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014893.D
 Acq: 10 Feb 2020 17:16

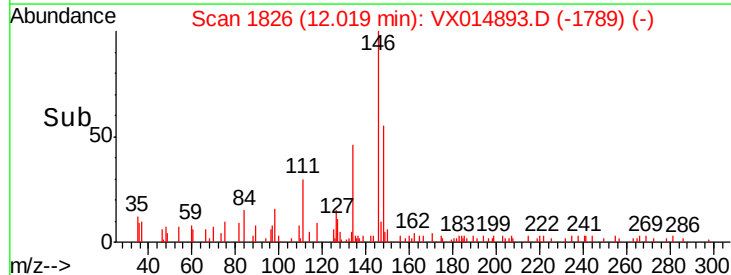
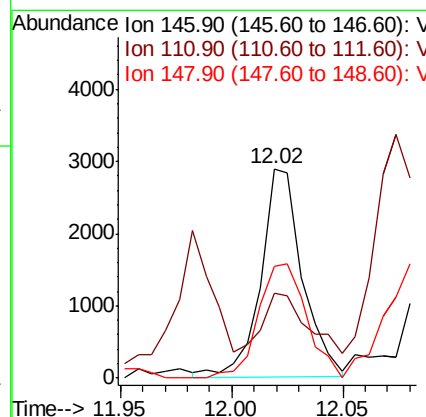
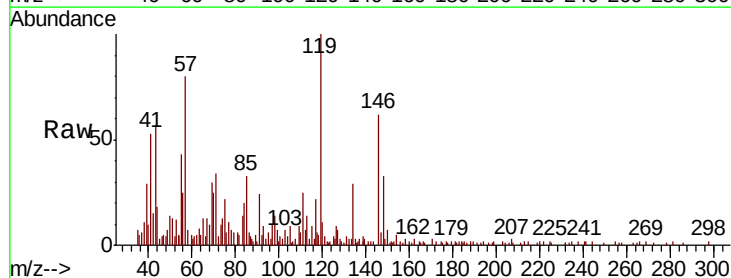
Instrument :
 MSVOA_X
 ClientSampleId :
 350

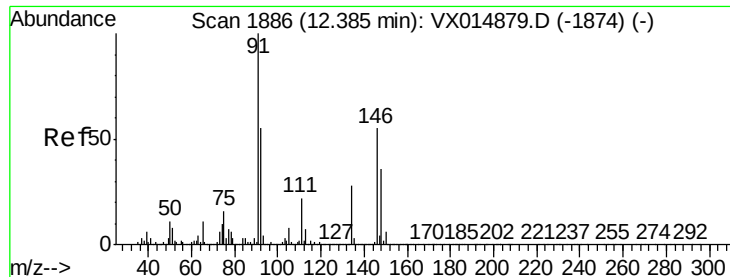
Tot Ion:146 Resp: 3772
 Ion Ratio Lower Upper
 146 100
 111 41.9 18.6 56.0
 148 62.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 0.337 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.07 min
 Lab File: VX014893.D
 Acq: 10 Feb 2020 17:16

Tgt Ion:146 Resp: 3772
 Ion Ratio Lower Upper
 146 100
 111 43.2 18.6 55.6
 148 62.9 32.4 97.0

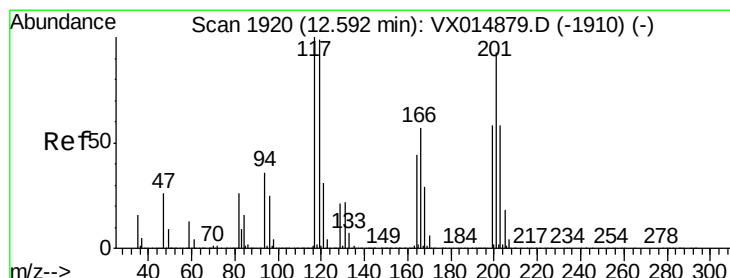
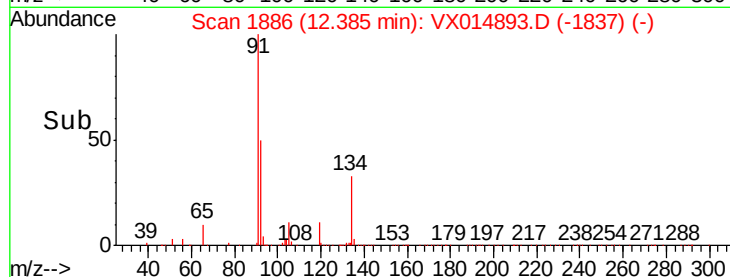
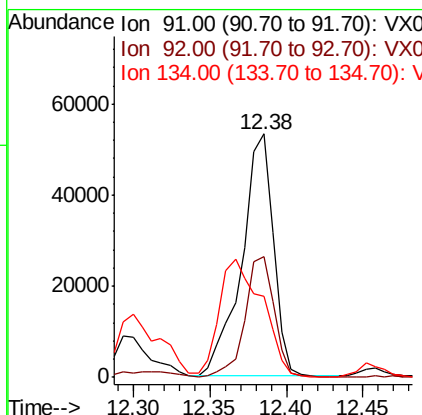
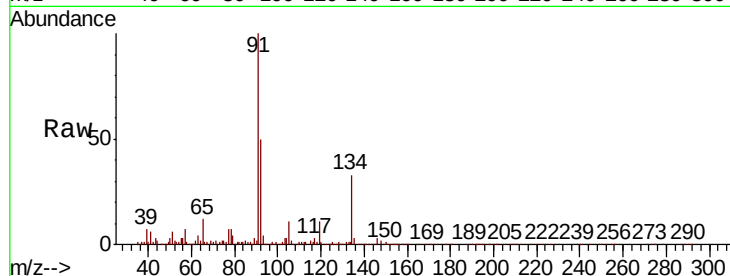




#89
n-Butylbenzene
Concen: 4.276 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

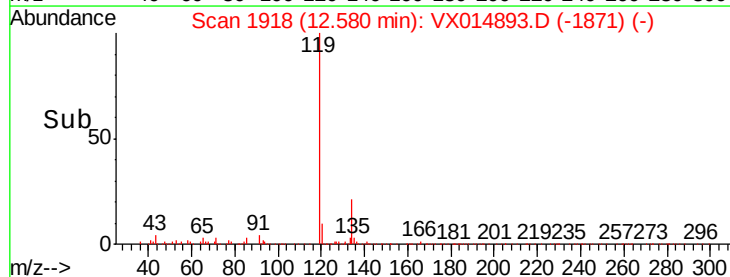
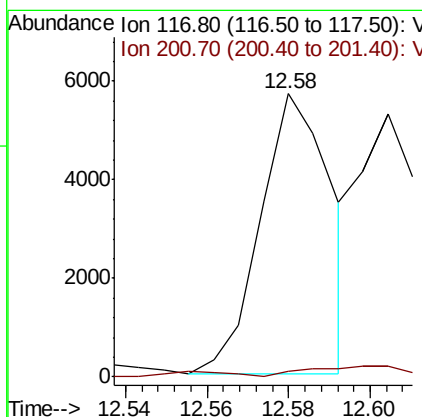
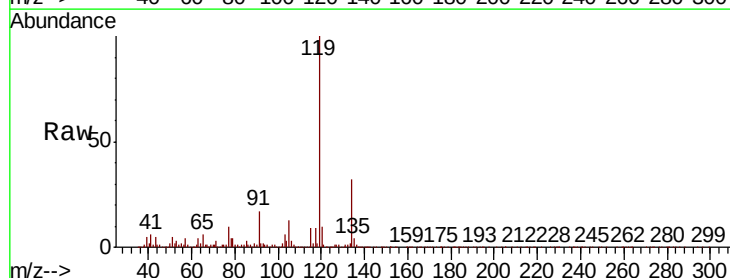
Instrument :
MSVOA_X
ClientSampleId :
350

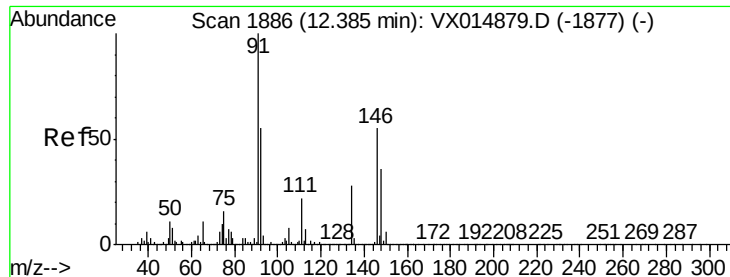
Tot Ion: 91 Resp: 77131
Ion Ratio Lower Upper
91 100
92 45.7 27.3 81.8
134 64.9 13.8 41.4#



#90
Hexachloroethane
Concen: 1.954 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VX014893.D
Acq: 10 Feb 2020 17:16

Tgt Ion: 117 Resp: 6872
Ion Ratio Lower Upper
117 100
201 0.0 44.8 134.3#

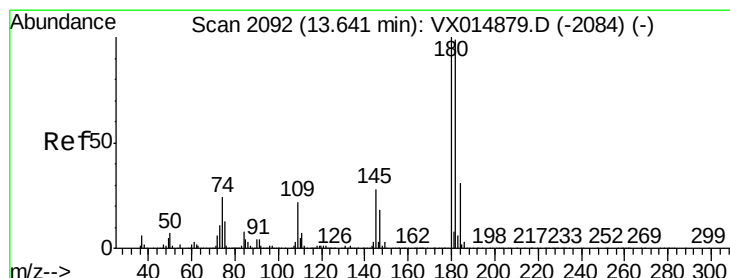
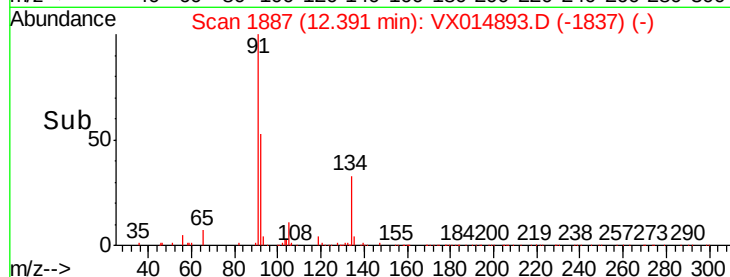
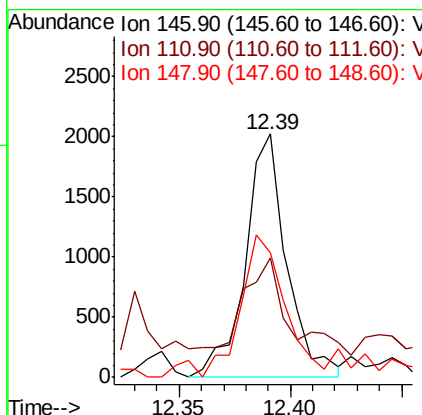
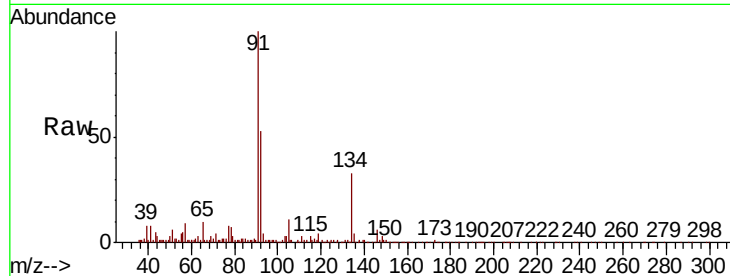




#91
 1,2-Dichlorobenzene
 Concen: 0.245 ug/l
 RT: 12.39 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: VX014893.D
 Acq: 10 Feb 2020 17:16

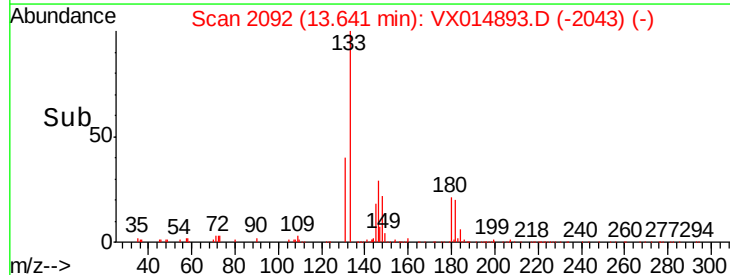
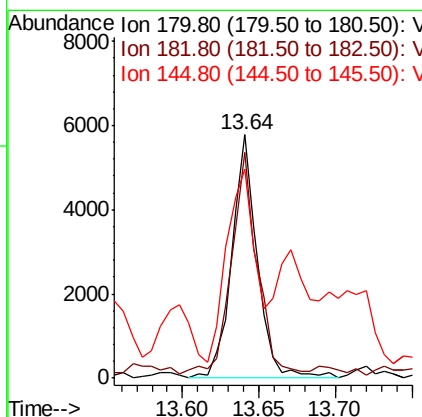
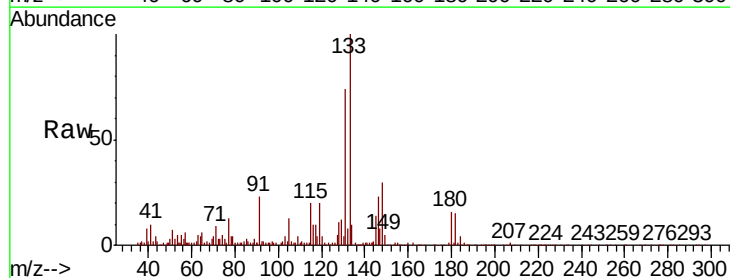
Instrument :
 MSVOA_X
 ClientSampled :
 350

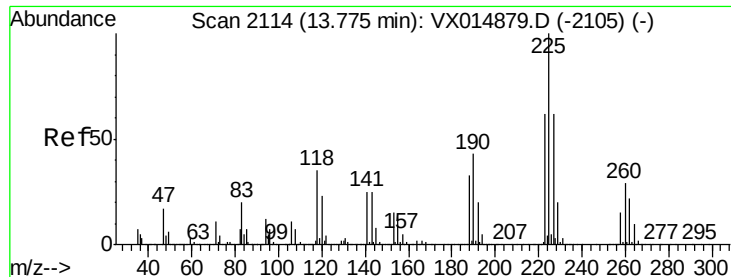
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	19.8	59.3
148	62.2	32.4	97.2



#93
 1,2,4-Trichlorobenzene
 Concen: 0.842 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014893.D
 Acq: 10 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	48.4	145.3
145	87.9	14.1	42.4#





#94

Hexachlorobutadiene

Concen: 0.943 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

350

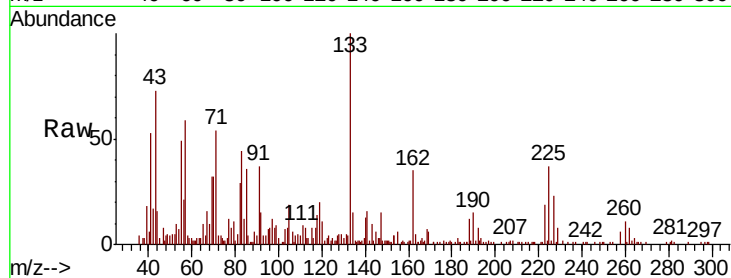
Tot Ion:225 Resp: 3618

Ion Ratio Lower Upper

225 100

223 69.7 31.1 93.2

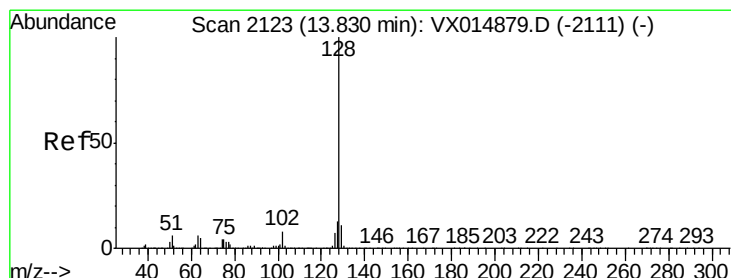
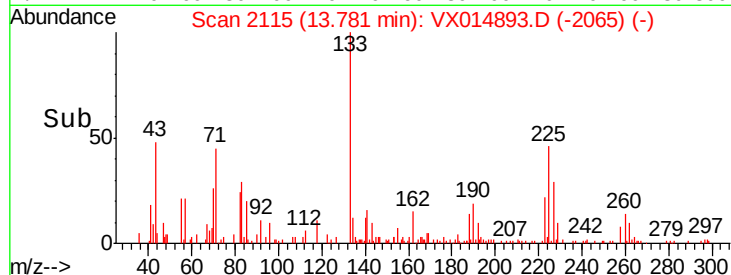
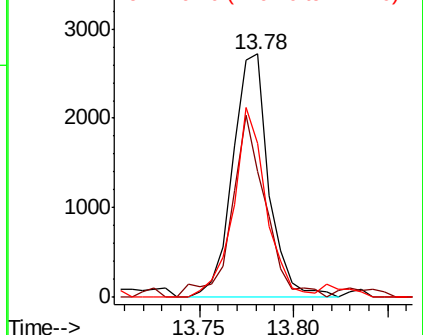
227 71.0 30.9 92.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 37.217 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014893.D

Acq: 10 Feb 2020 17:16

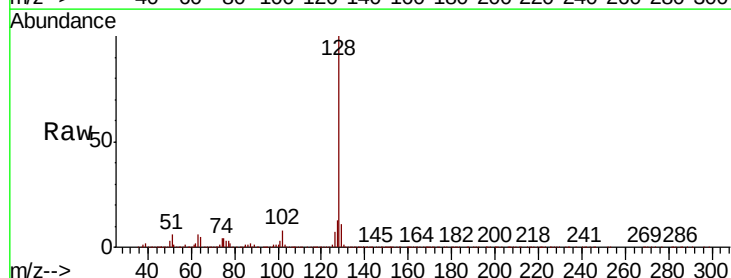
Tgt Ion:128 Resp: 785219

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

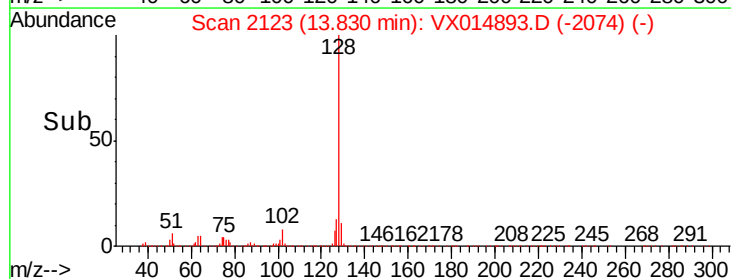
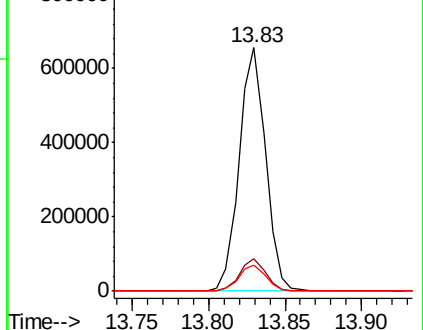
129 11.0 8.6 13.0

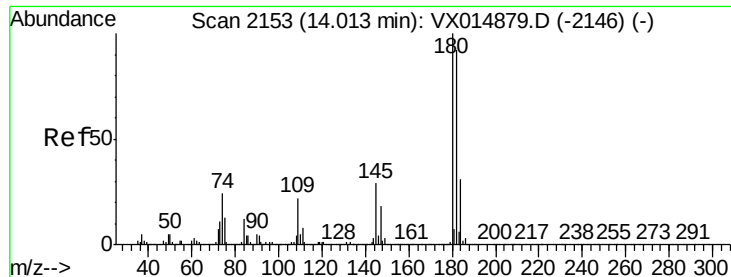


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.690 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX014893.D
 Acq: 10 Feb 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 350

Tot Ion:180 Resp: 5288
 Ion Ratio Lower Upper
 180 100
 182 104.5 47.5 142.6
 145 126.5 14.5 43.5#

