

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122319\
 Data File : VX014222.D
 Acq On : 24 Dec 2019 00:08
 Operator : JC/SP
 Sample : K6401-01 100X
 Misc : 4.72g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37

Quant Time: Dec 24 03:48:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	575991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	878654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	794960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	372883	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	316752	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
35) Dibromofluoromethane	5.49	113	262111	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
50) Toluene-d8	8.71	98	1049477	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.13	95	373372	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	1577	0.216	ug/l #	85
5) Bromomethane	1.64	94	1753	0.338	ug/l	85
6) Chloroethane	1.61	64	12785	2.839	ug/l #	62
10) Methyl Iodide	2.50	142	2351	2.931	ug/l #	65
11) Tert butyl alcohol	3.09	59	354	0.251	ug/l #	46
12) 1,1-Dichloroethene	2.37	96	1188	0.214	ug/l #	31
15) Acrylonitrile	3.15	53	703	0.214	ug/l #	73
16) Acetone	2.43	43	9538	2.251	ug/l	91
17) Carbon Disulfide	2.56	76	4665	1.049	ug/l #	92
20) Methylene Chloride	2.85	84	2118	0.317	ug/l #	76
25) 2-Butanone	4.67	43	1772	0.339	ug/l #	54
28) Bromochloromethane	5.01	49	440	0.557	ug/l #	28
36) 1,1-Dichloropropene	5.65	75	40115	4.976	ug/l #	49
38) Carbon Tetrachloride	5.65	117	53100	7.230	ug/l #	17
39) Methylcyclohexane	7.45	83	2511	0.252	ug/l #	80
41) Methacrylonitrile	5.04	41	1596	0.323	ug/l #	59
44) Trichloroethene	7.21	130	23523	3.433	ug/l	97
46) Dibromomethane	7.68	93	1085	0.258	ug/l #	9
49) 1,4-Dioxane	7.73	88	254	1.730	ug/l #	23
51) 4-Methyl-2-Pentanone	8.64	43	2570	0.278	ug/l #	63
52) Toluene	8.78	92	5081	0.324	ug/l	89
58) 2-Chloroethyl Vinyl ether	8.34	63	1532	0.410	ug/l	96
64) Tetrachloroethene	9.34	164	1441	0.205	ug/l #	49
67) Ethyl Benzene	10.25	91	231638	7.971	ug/l	100
68) m/p-Xylenes	10.36	106	316934	28.356	ug/l	99
69) o-Xylene	10.70	106	118985	10.855	ug/l	98
70) Styrene	10.69	104	7901	0.426	ug/l #	1
73) Isopropylbenzene	11.01	105	12578	0.479	ug/l	85
74) N-amyl acetate	10.88	43	4204	0.342	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	11.26	83	3424	0.376	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	179504	22.174	ug/l #	39
78) n-propylbenzene	11.35	91	22272	0.756	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	60455	2.736	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	179504	62.587	ug/l #	12

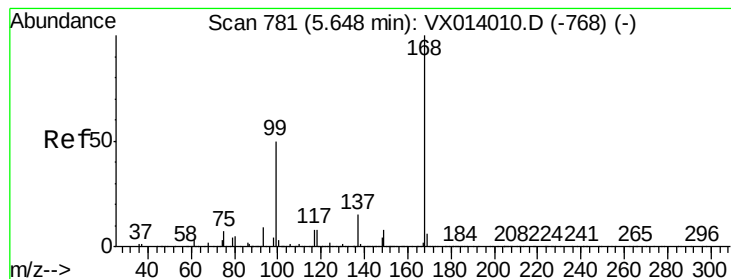
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122319\
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.77	119	8236	0.383	ug/l	86
84) 1,2,4-Trimethylbenzene	11.80	105	108306	4.895	ug/l	97
85) sec-Butylbenzene	11.94	105	11895	0.469	ug/l	100
86) p-Isopropyltoluene	12.06	119	12364	0.532	ug/l	83
87) 1,3-Dichlorobenzene	12.02	146	3578	0.283	ug/l #	76
88) 1,4-Dichlorobenzene	12.02	146	3578	0.278	ug/l	80
89) n-Butylbenzene	12.39	91	19528	0.986	ug/l #	36
90) Hexachloroethane	12.60	117	2026	0.486	ug/l #	21
91) 1,2-Dichlorobenzene	12.39	146	4347	0.341	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	2598	0.314	ug/l	84
94) Hexachlorobutadiene	13.78	225	1127	0.283	ug/l	82
95) Naphthalene	13.83	128	13377	0.550	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.02	180	2295	0.281	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampleId :

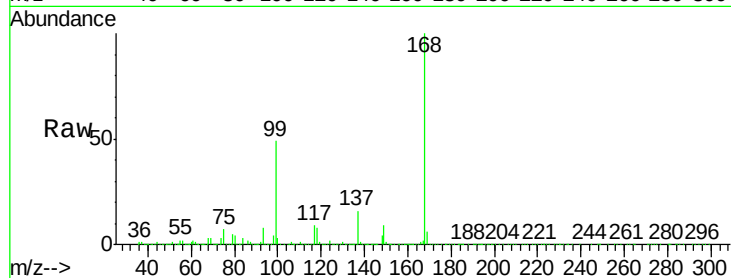
C0B37

Tgt Ion: 168 Resp: 575991

Ion Ratio Lower Upper

168 100

99 48.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

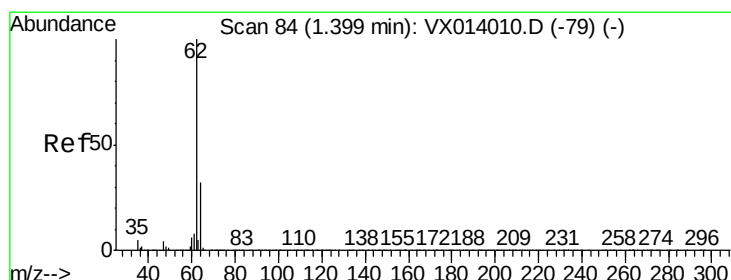
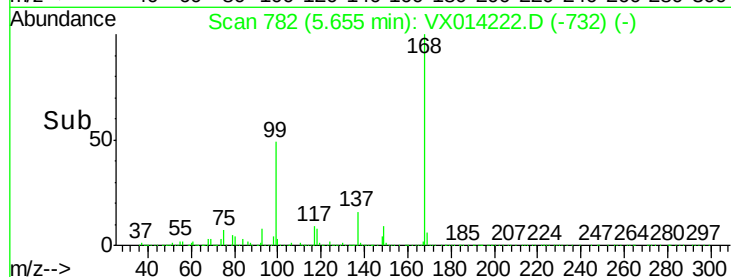
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 0.216 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014222.D

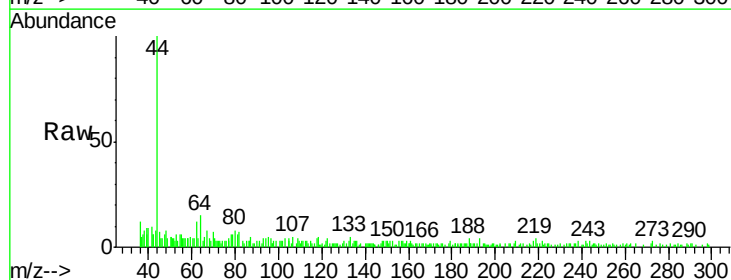
Acq: 24 Dec 2019 00:08

Tgt Ion: 62 Resp: 1577

Ion Ratio Lower Upper

62 100

64 24.0 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

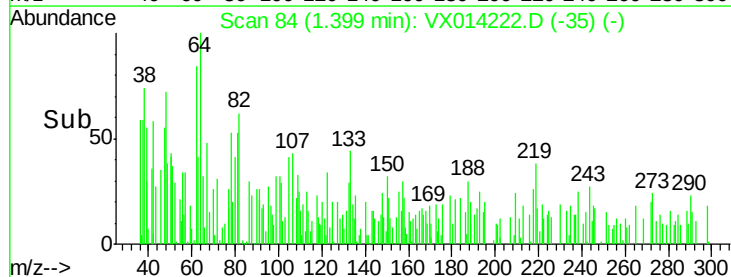
1500

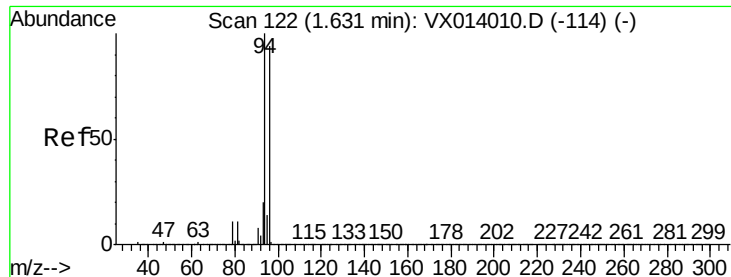
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.338 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampled :

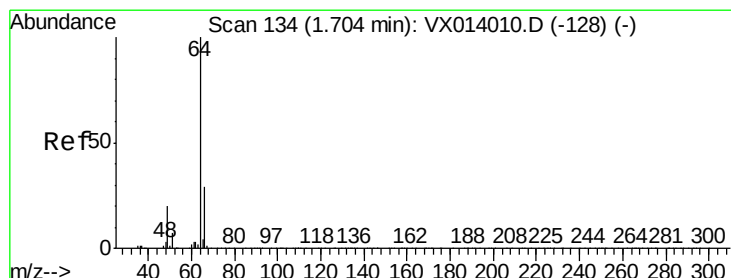
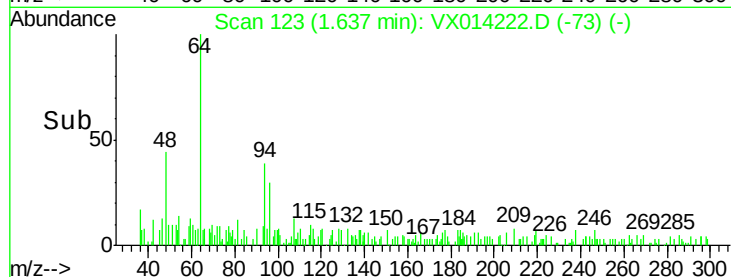
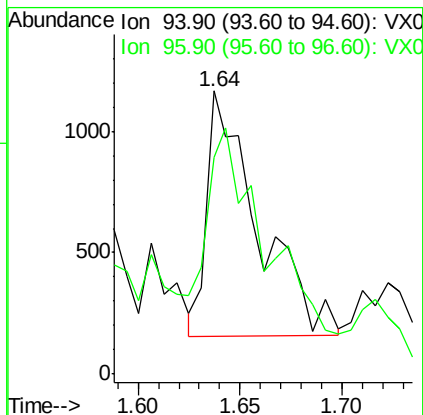
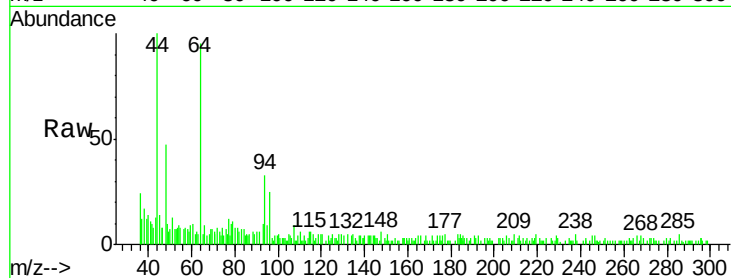
C0B37

Tgt Ion: 94 Resp: 1753

Ion Ratio Lower Upper

94 100

96 79.6 75.2 112.8



#6

Chloroethane

Concen: 2.839 ug/l

RT: 1.61 min Scan# 118

Delta R.T. -0.10 min

Lab File: VX014222.D

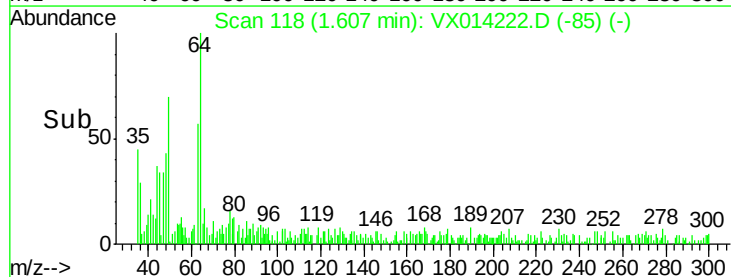
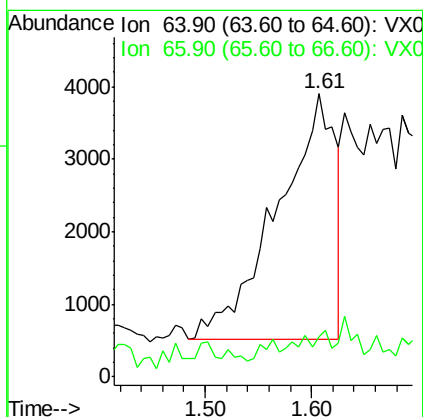
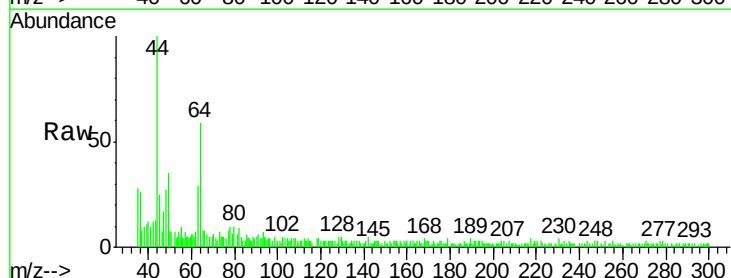
Acq: 24 Dec 2019 00:08

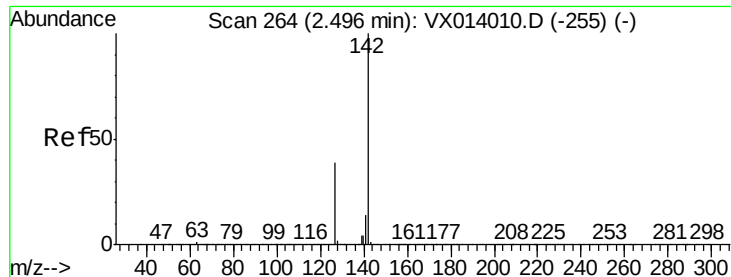
Tgt Ion: 64 Resp: 12785

Ion Ratio Lower Upper

64 100

66 8.7 23.4 35.2#





#10

Methyl Iodide

Concen: 2.931 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampleId :

C0B37

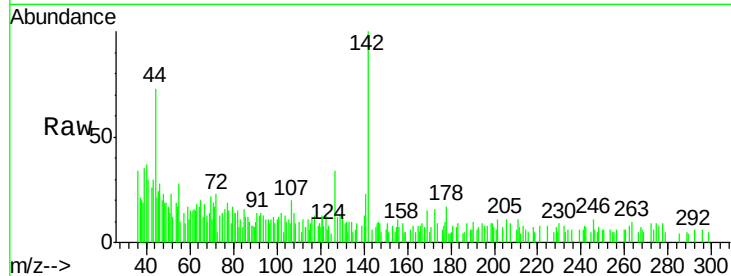
Tgt Ion: 142 Resp: 2351

Ion Ratio Lower Upper

142 100

127 63.3 31.6 47.4#

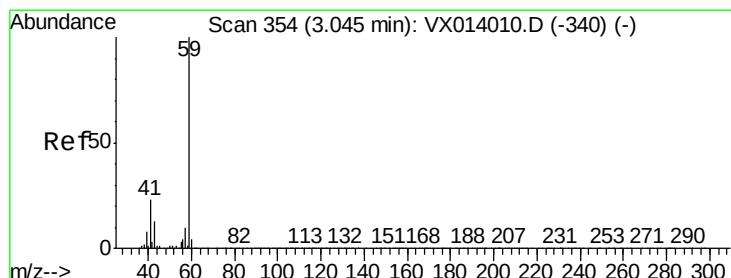
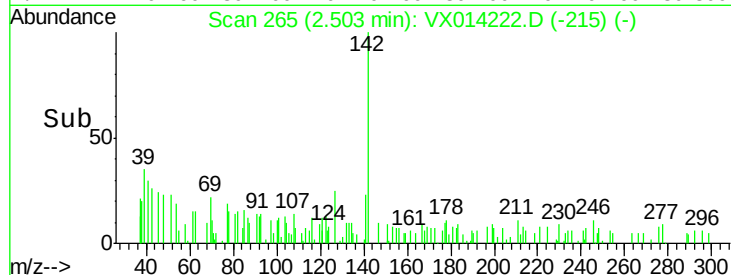
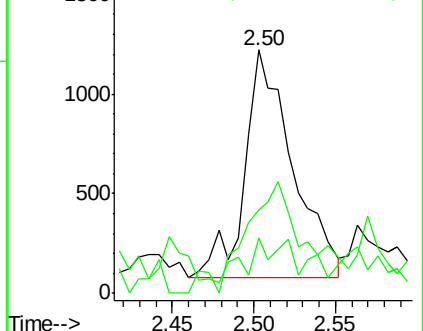
141 25.3 11.6 17.4#



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: 0.251 ug/l

RT: 3.09 min Scan# 362

Delta R.T. 0.05 min

Lab File: VX014222.D

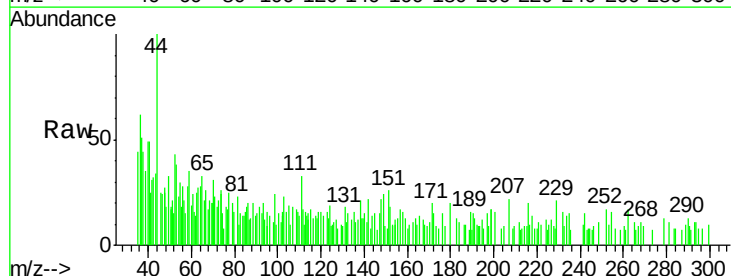
Acq: 24 Dec 2019 00:08

Tgt Ion: 59 Resp: 354

Ion Ratio Lower Upper

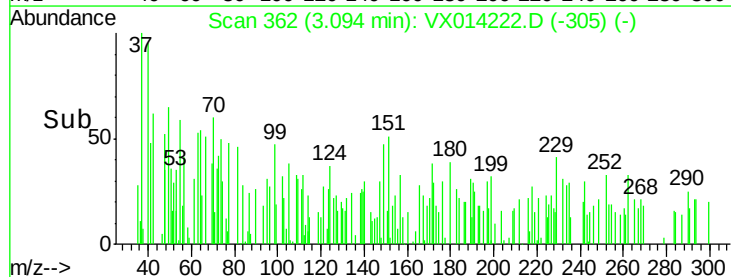
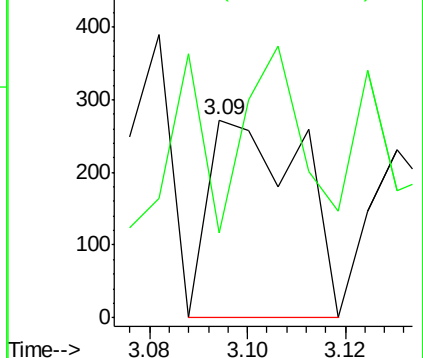
59 100

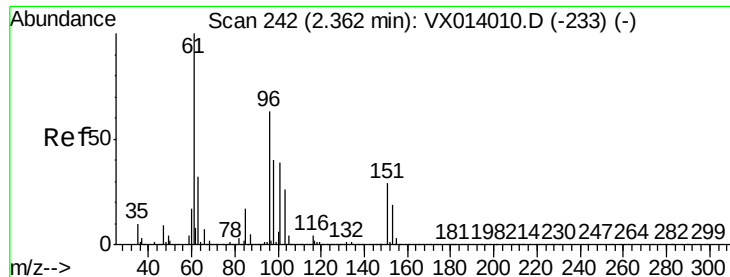
57 30.8 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.214 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampled :

C0B37

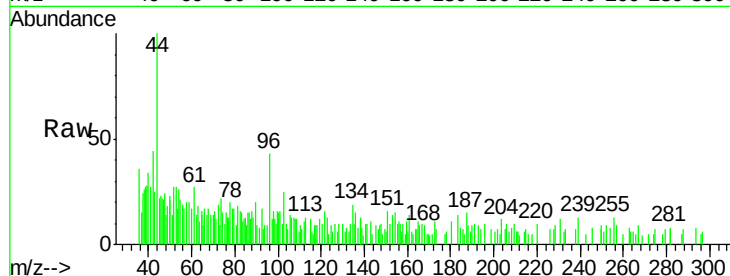
Tgt Ion: 96 Resp: 1188

Ion Ratio Lower Upper

96 100

61 41.3 127.9 191.9#

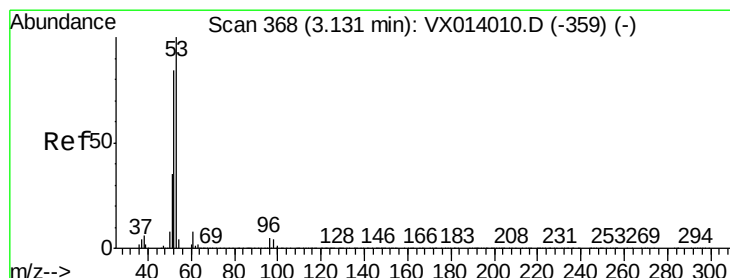
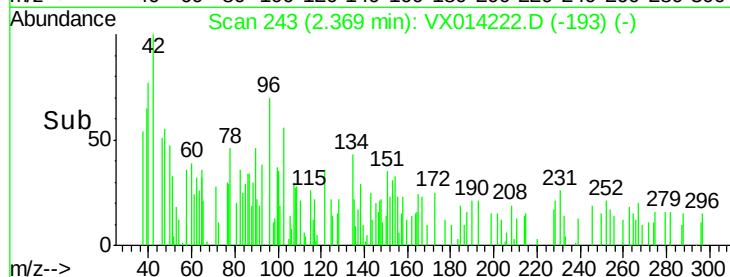
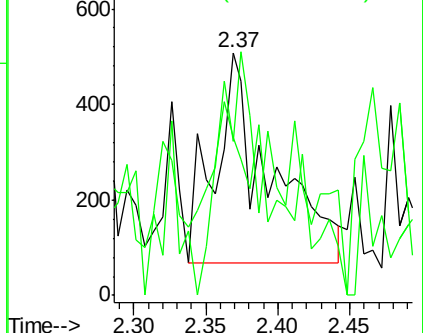
98 51.2 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#15

Acrylonitrile

Concen: 0.214 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.02 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

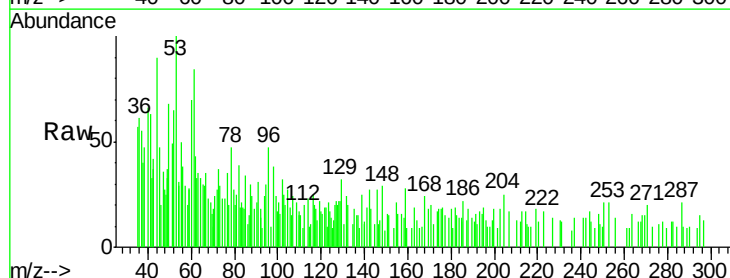
Tgt Ion: 53 Resp: 703

Ion Ratio Lower Upper

53 100

52 71.6 66.5 99.7

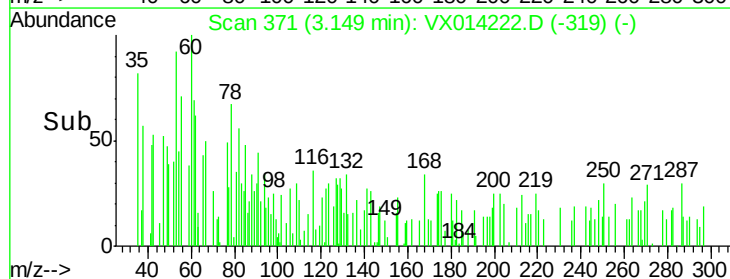
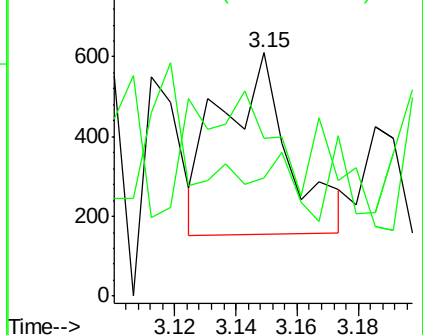
51 0.0 28.1 42.1#

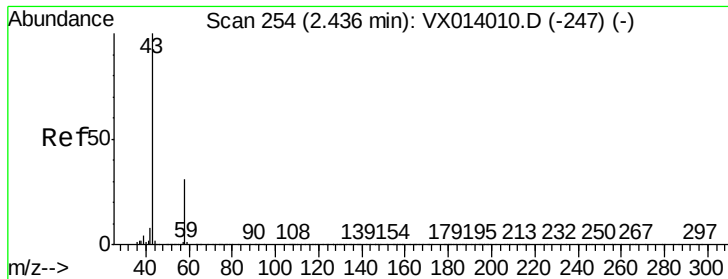


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 2.251 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampled :

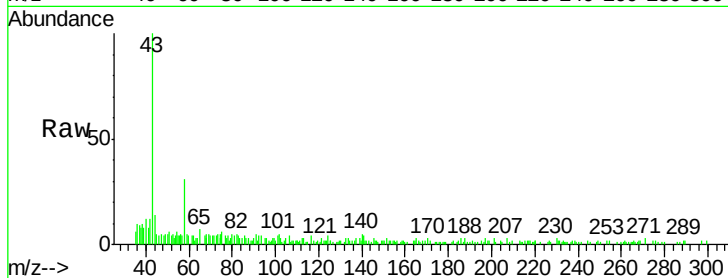
C0B37

Tgt Ion: 43 Resp: 9538

Ion Ratio Lower Upper

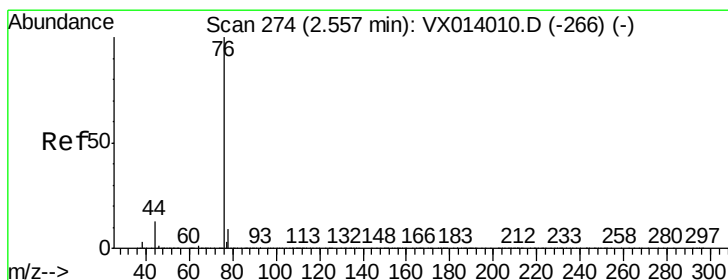
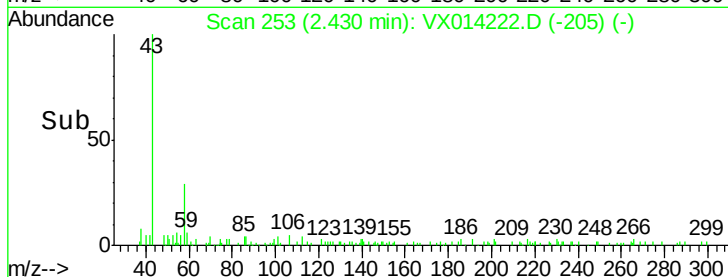
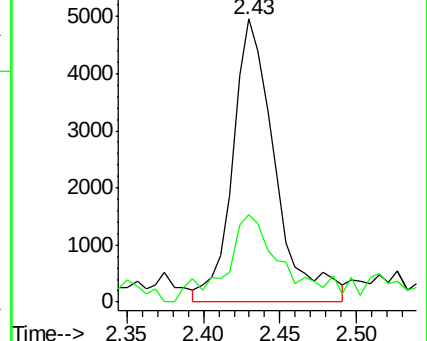
43 100

58 25.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 1.049 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014222.D

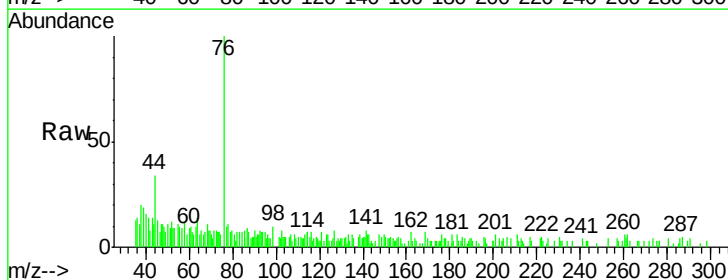
Acq: 24 Dec 2019 00:08

Tgt Ion: 76 Resp: 4665

Ion Ratio Lower Upper

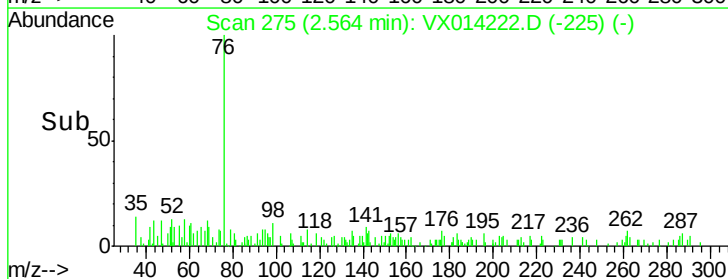
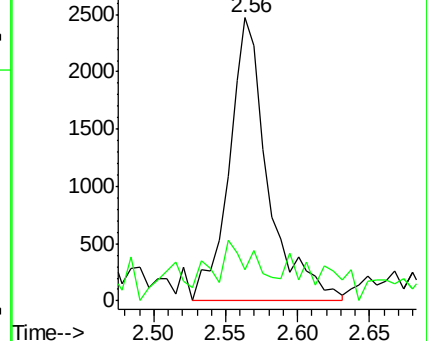
76 100

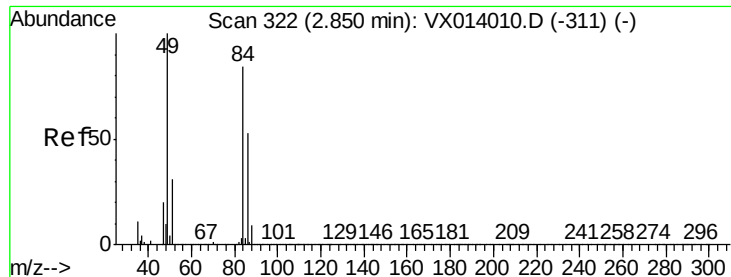
78 6.2 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

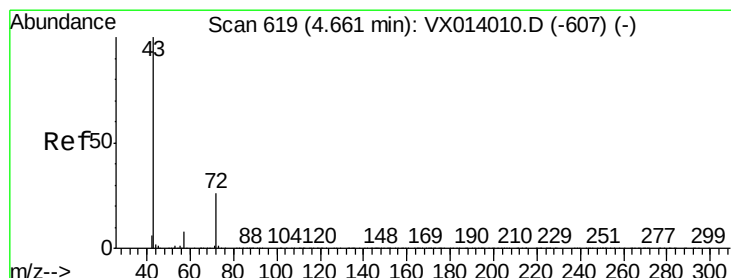
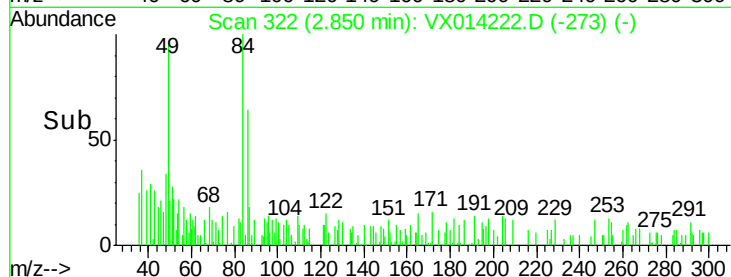
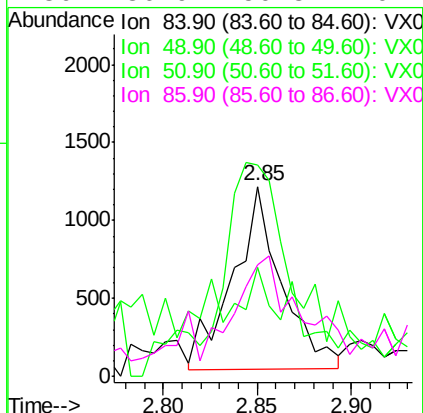
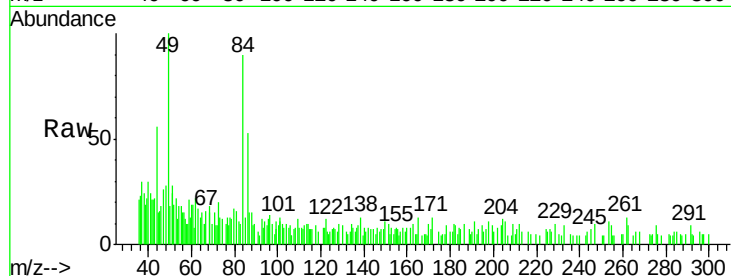




#20
Methylene Chloride
Concen: 0.317 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014222.D
Acq: 24 Dec 2019 00:08

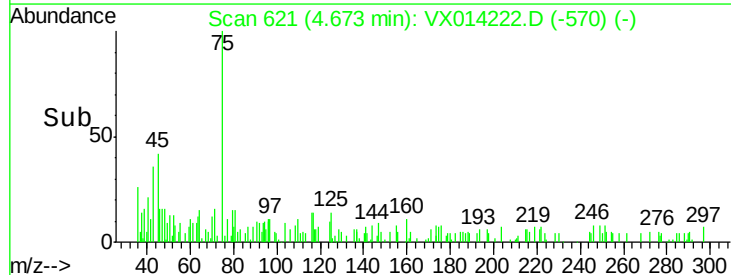
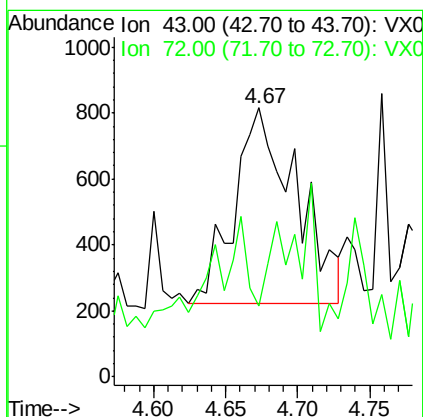
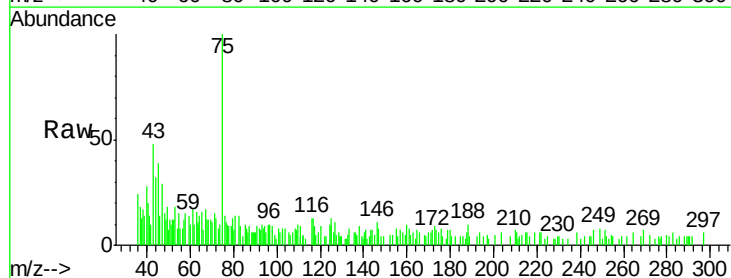
Instrument :
MSVOA_X
ClientSampleId :
C0B37

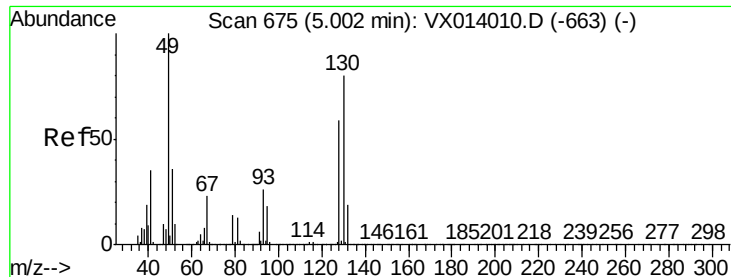
Tgt Ion: 84 Resp: 2118
Ion Ratio Lower Upper
84 100
49 94.9 95.8 143.6#
51 45.3 29.8 44.8#
86 36.9 50.8 76.2#



#25
2-Butanone
Concen: 0.339 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX014222.D
Acq: 24 Dec 2019 00:08

Tgt Ion: 43 Resp: 1772
Ion Ratio Lower Upper
43 100
72 2.7 21.0 31.4#





#28

Bromochloromethane

Concen: 0.557 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampleId :

C0B37

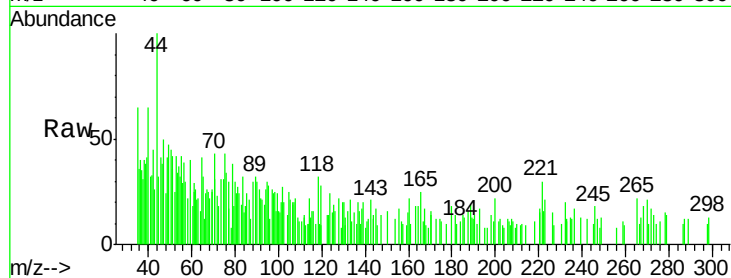
Tgt Ion: 49 Resp: 440

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 146.8 64.6 97.0#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

Time-->

4.96 4.98 5.00 5.02 5.04

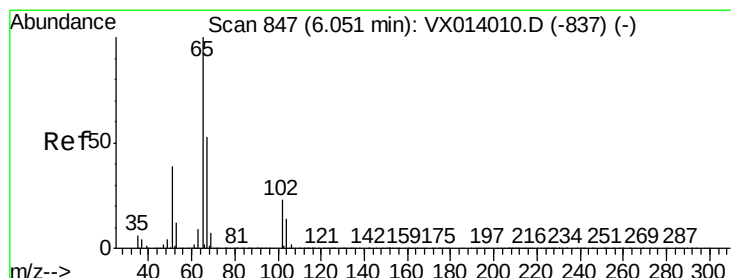
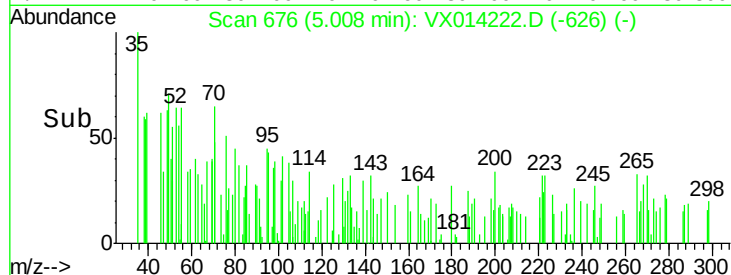
5.01

600

400

200

0



#33

1,2-Dichloroethane-d4

Concen: 48.522 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014222.D

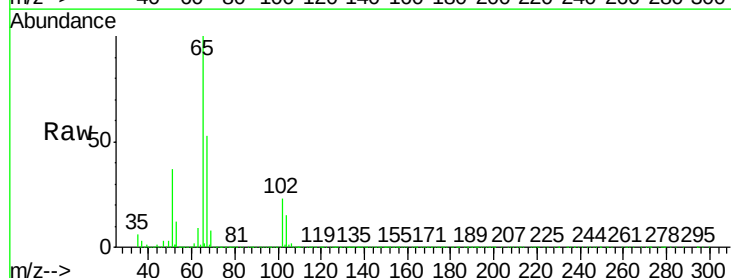
Acq: 24 Dec 2019 00:08

Tgt Ion: 65 Resp: 316752

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

Time-->

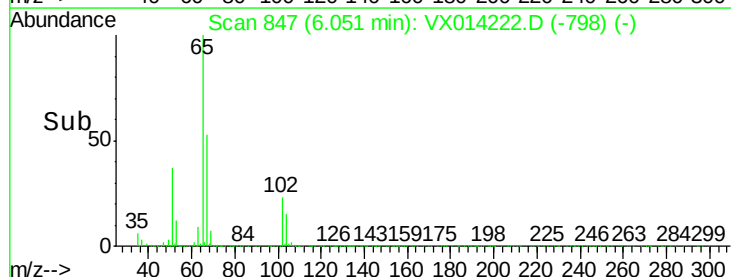
5.90 6.00 6.10 6.20

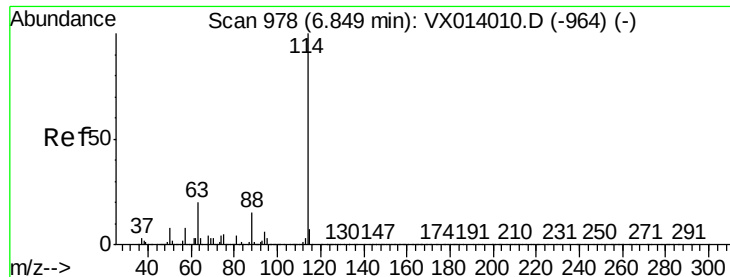
6.05

100000

50000

0

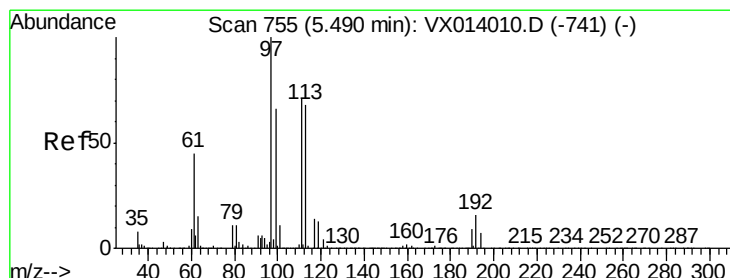
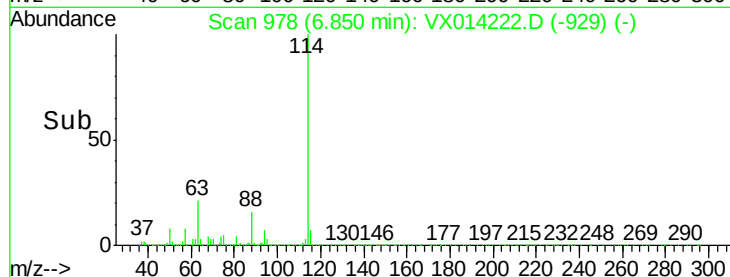
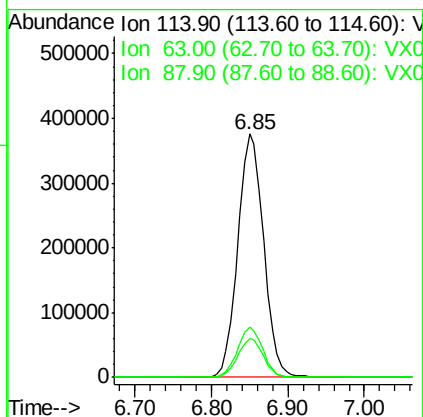
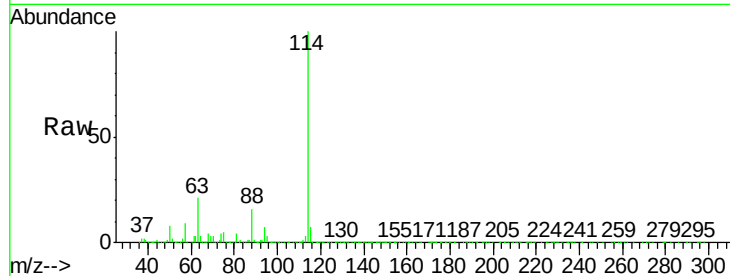




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014222.D
Acq: 24 Dec 2019 00:08

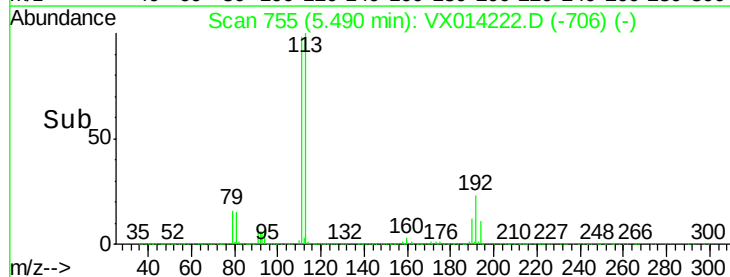
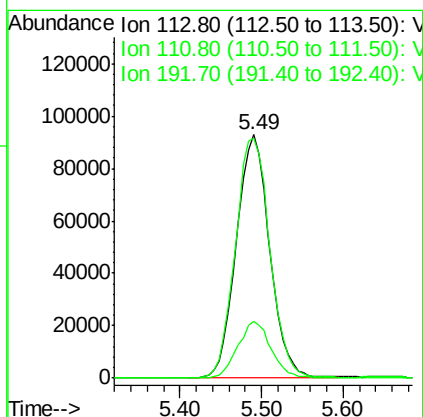
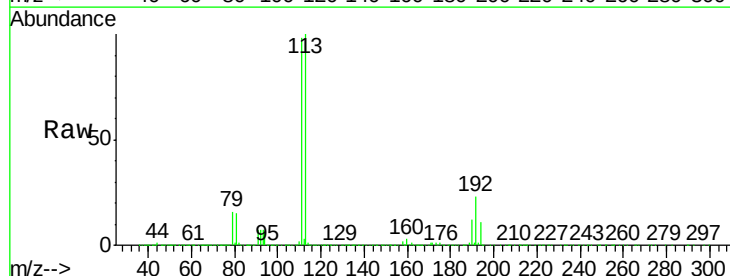
Instrument :
MSVOA_X
ClientSampleId :
C0B37

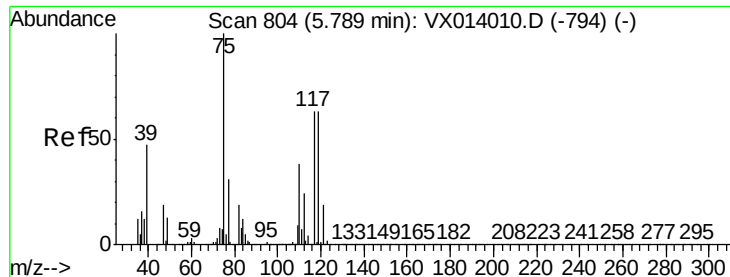
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	15.8	0.0	30.4



#35
Dibromofluoromethane
Concen: 49.073 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014222.D
Acq: 24 Dec 2019 00:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	23.0	19.3	28.9

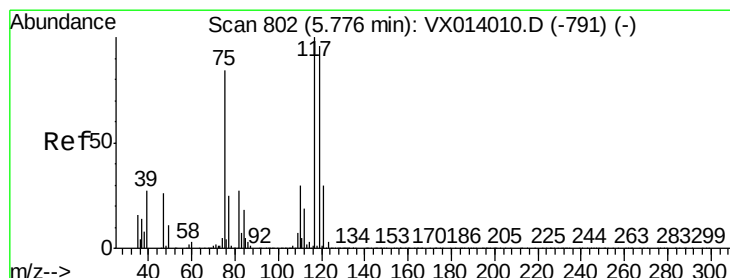
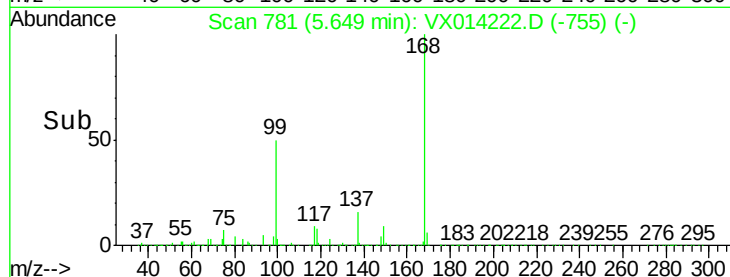
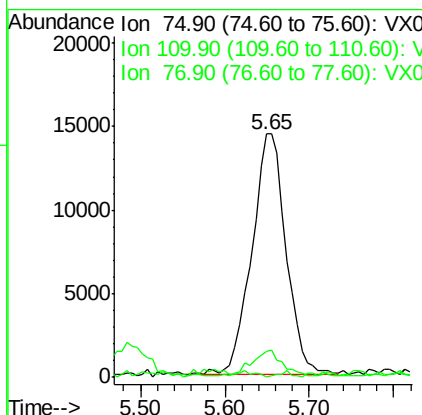
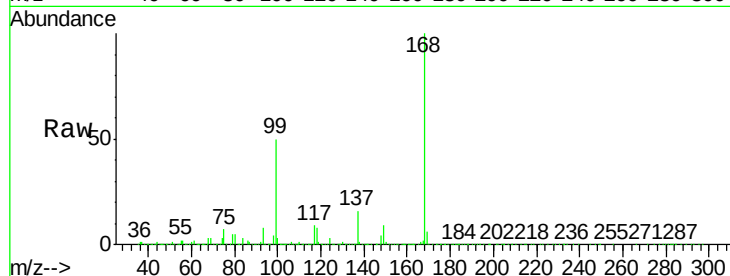




#36
 1,1-Dichloropropene
 Concen: 4.976 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX014222.D
 Acq: 24 Dec 2019 00:08

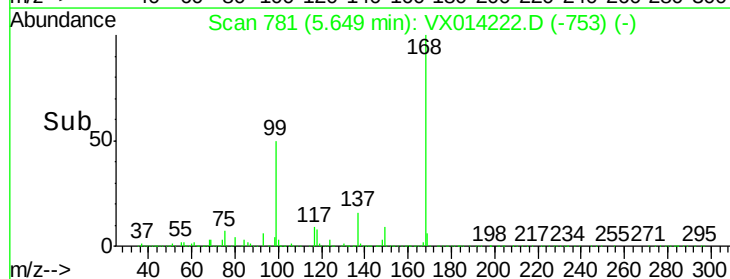
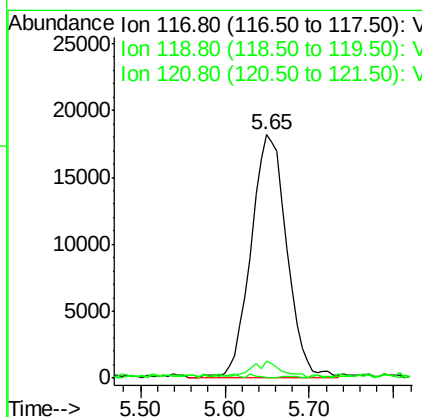
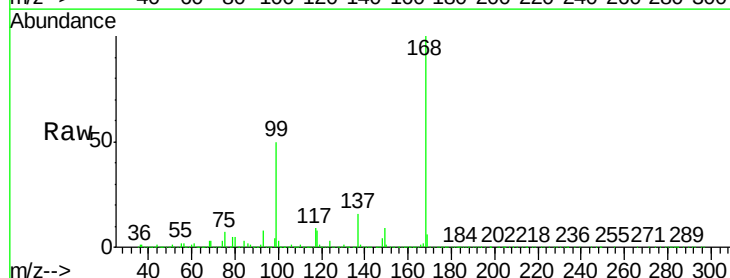
Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37

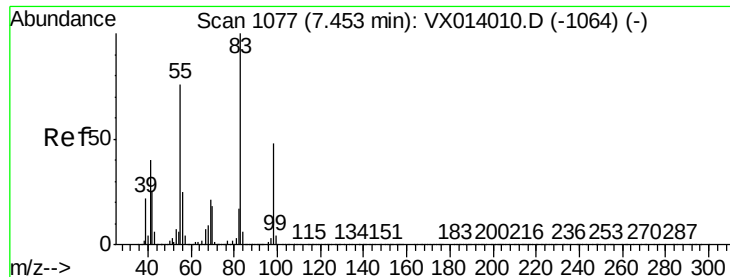
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.3	54.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 7.230 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX014222.D
 Acq: 24 Dec 2019 00:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.2	114.4#
121	0.0	23.6	35.4#





#39

Methylcyclohexane

Concen: 0.252 ug/l

RT: 7.45 min Scan# 1076

Delta R.T. -0.01 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampleId :

C0B37

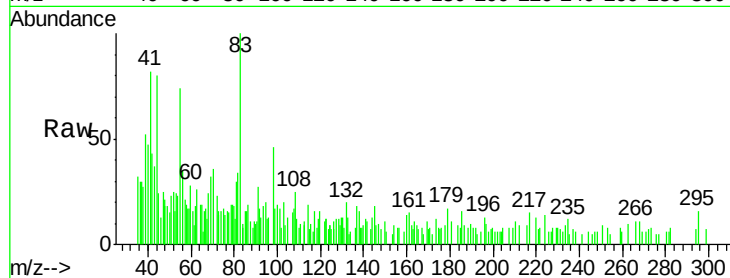
Tgt Ion: 83 Resp: 2511

Ion Ratio Lower Upper

83 100

55 62.5 61.0 91.6

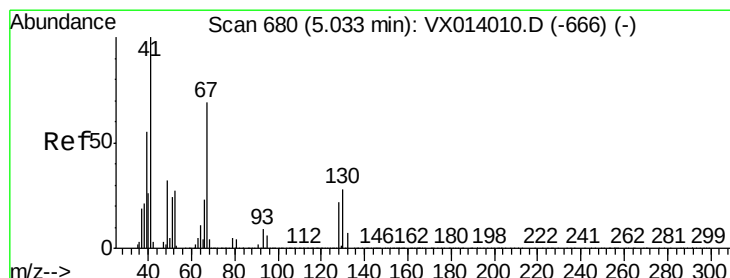
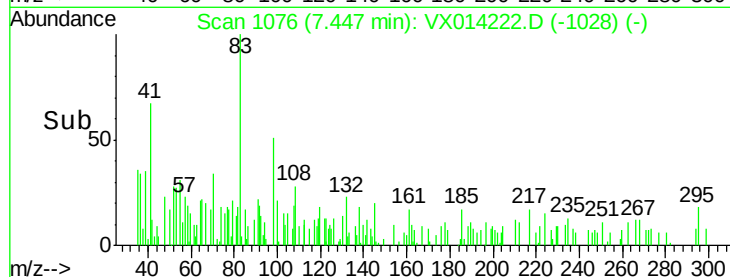
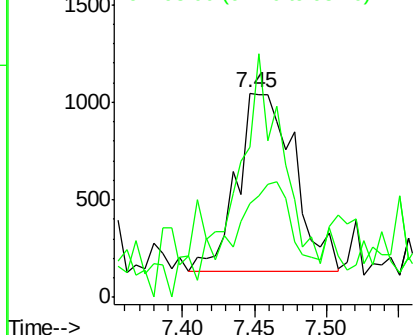
98 30.1 38.6 57.8#



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#41

Methacrylonitrile

Concen: 0.323 ug/l

RT: 5.04 min Scan# 681

Delta R.T. 0.01 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Tgt Ion: 41 Resp: 1596

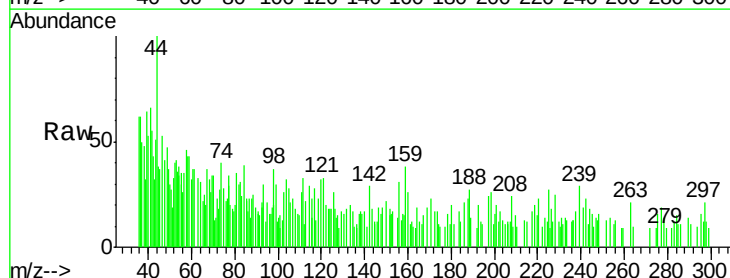
Ion Ratio Lower Upper

41 100

39 34.0 44.5 66.7#

67 21.4 57.4 86.0#

52 37.4 23.0 34.4#

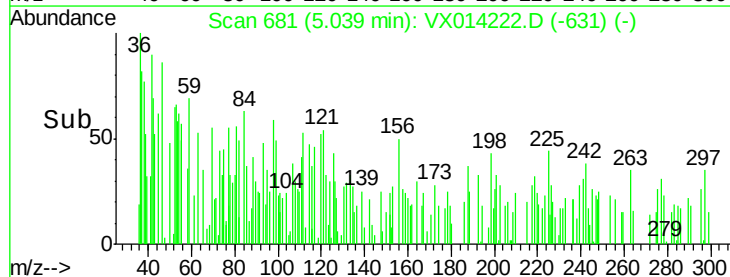
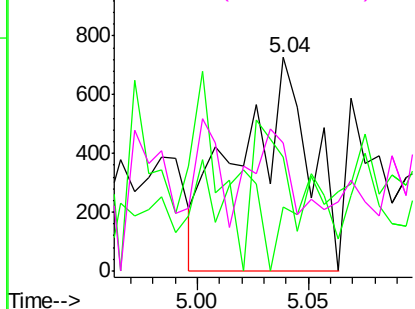


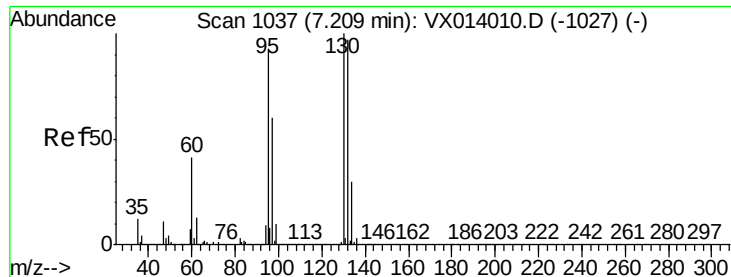
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#44

Trichloroethene

Concen: 3.433 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampleId :

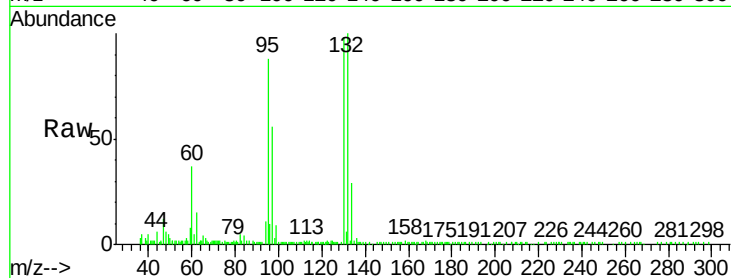
C0B37

Tgt Ion:130 Resp: 23523

Ion Ratio Lower Upper

130 100

95 89.8 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

12000

10000

8000

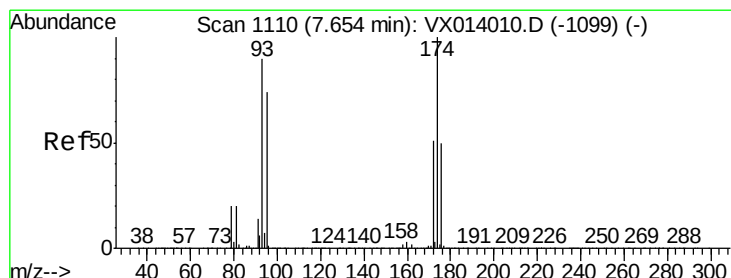
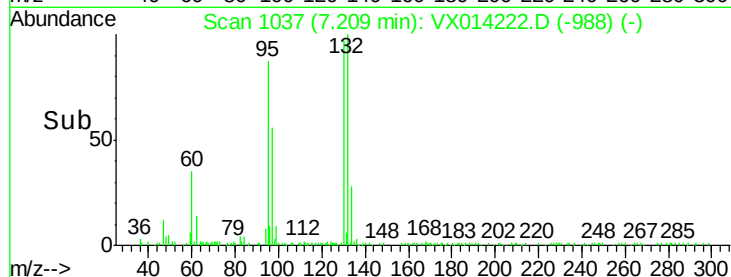
6000

4000

2000

0

Time-->



#46

Dibromomethane

Concen: 0.258 ug/l

RT: 7.68 min Scan# 1114

Delta R.T. 0.02 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

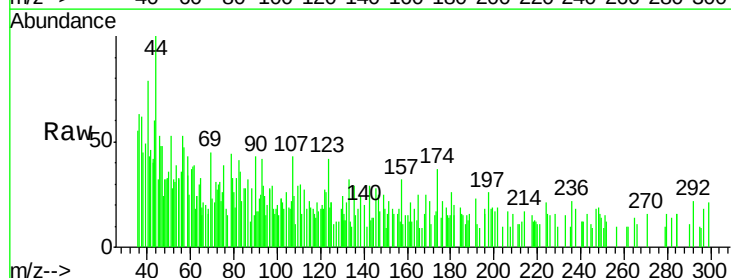
Tgt Ion: 93 Resp: 1085

Ion Ratio Lower Upper

93 100

95 19.1 67.3 100.9#

174 0.0 91.6 137.4#



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.68

500

400

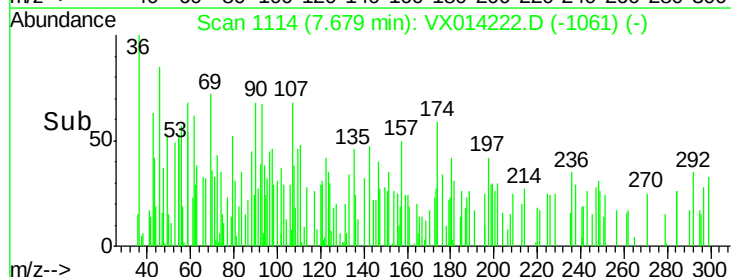
300

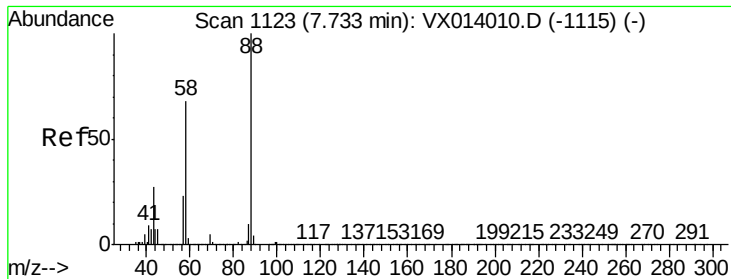
200

100

0

Time-->





#49

1,4-Dioxane

Concen: 1.730 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampleId :

C0B37

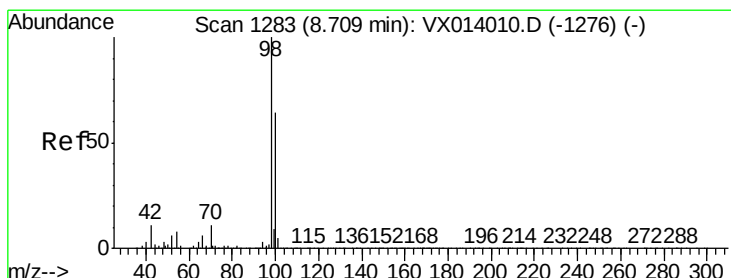
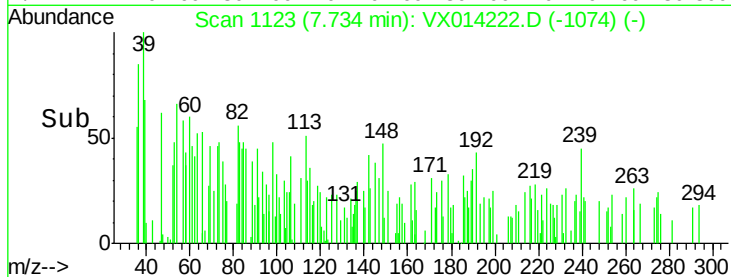
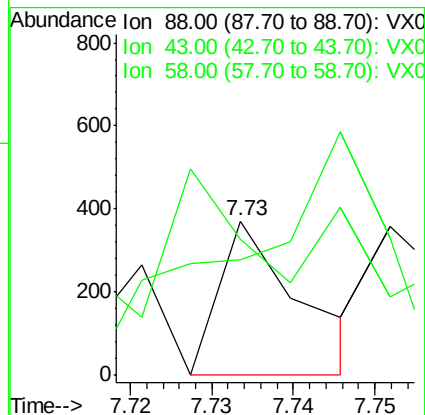
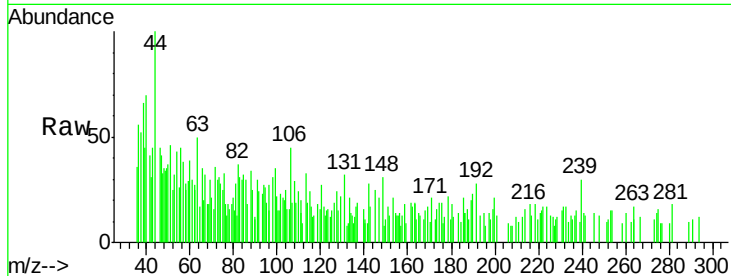
Tgt Ion: 88 Resp: 254

Ion Ratio Lower Upper

88 100

43 0.0 26.5 39.7#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 50.468 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014222.D

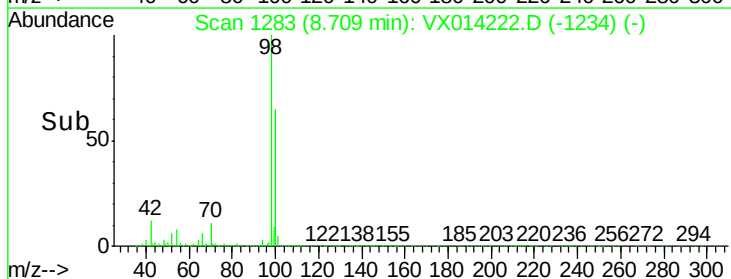
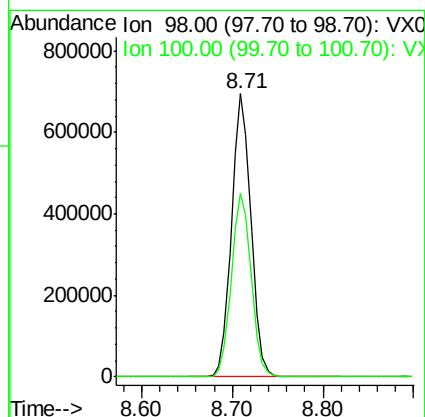
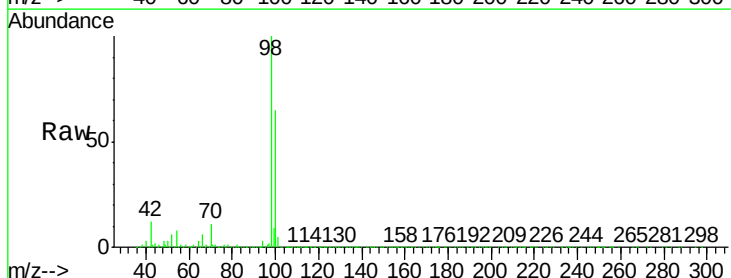
Acq: 24 Dec 2019 00:08

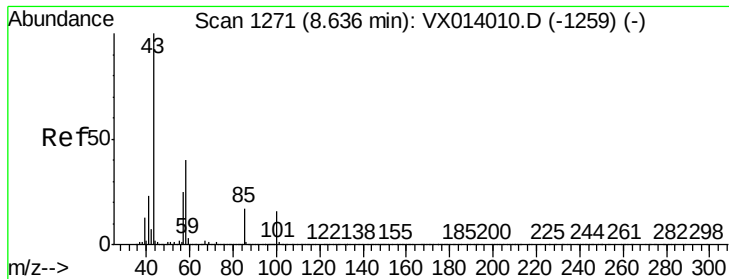
Tgt Ion: 98 Resp: 1049477

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3

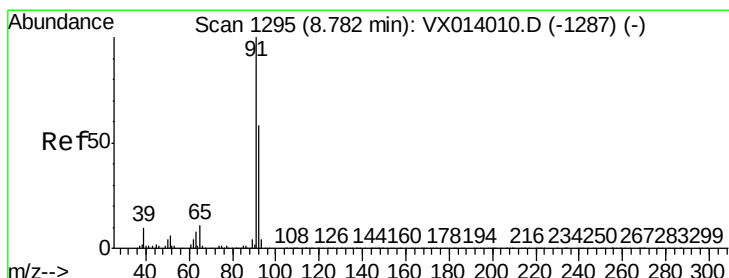
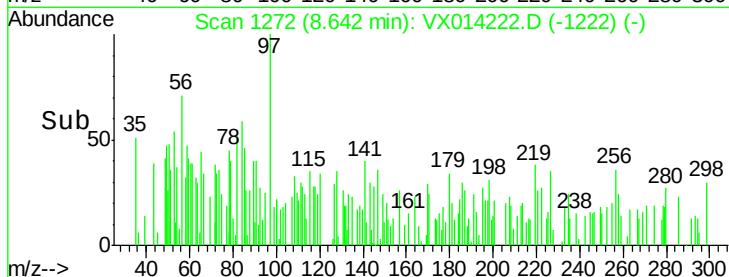
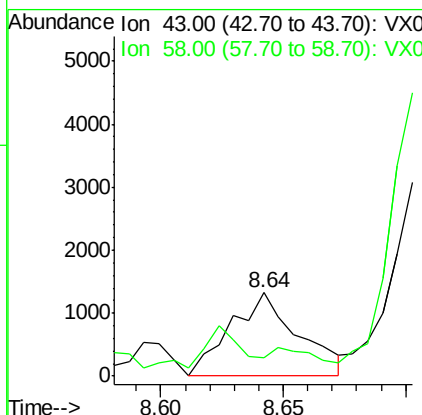
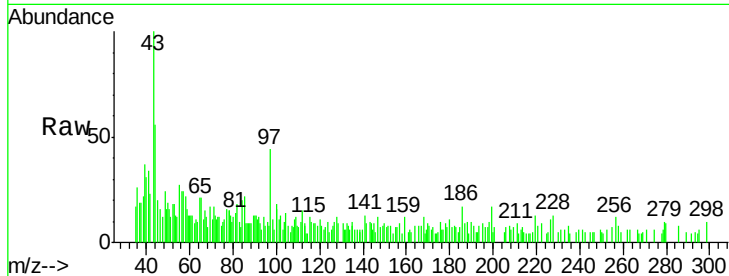




#51
 4-Methyl-2-Pentanone
 Concen: 0.278 ug/l
 RT: 8.64 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: VX014222.D
 Acq: 24 Dec 2019 00:08

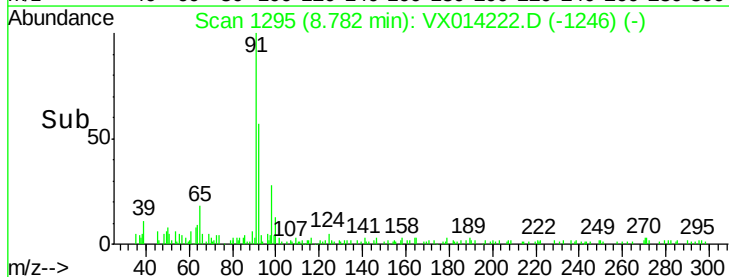
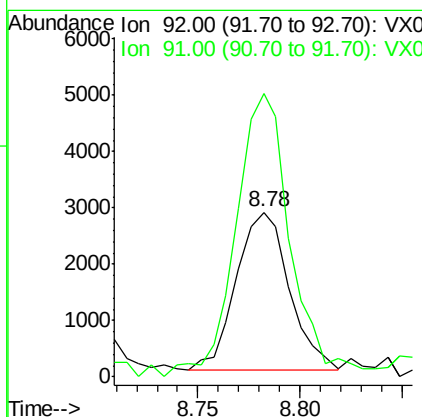
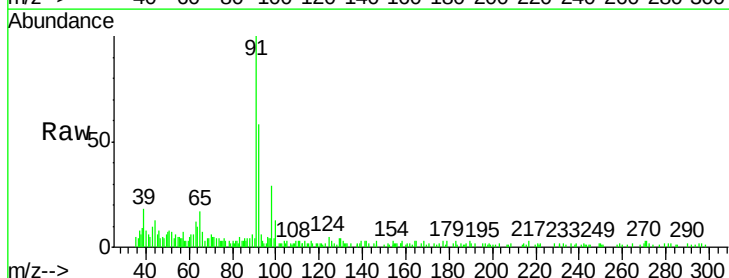
Instrument :
 MSVOA_X
 ClientSampleID :
 C0B37

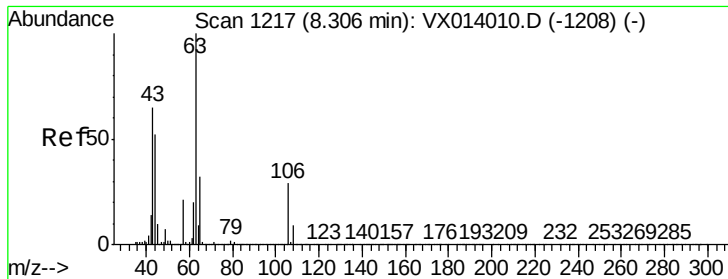
Tgt Ion: 43 Resp: 2570
 Ion Ratio Lower Upper
 43 100
 58 17.1 32.2 48.2#



#52
 Toluene
 Concen: 0.324 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: VX014222.D
 Acq: 24 Dec 2019 00:08

Tgt Ion: 92 Resp: 5081
 Ion Ratio Lower Upper
 92 100
 91 185.2 136.2 204.4

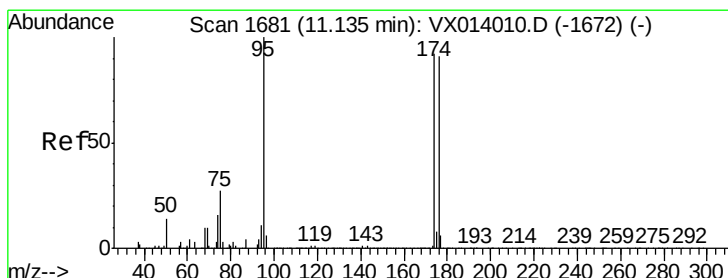
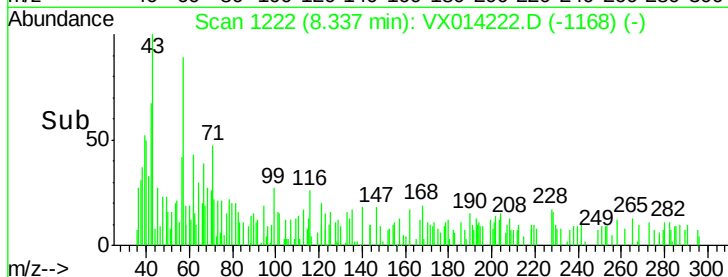
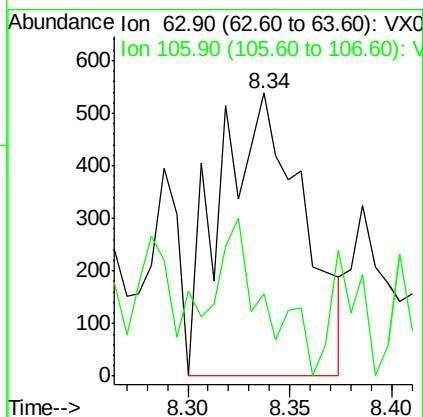
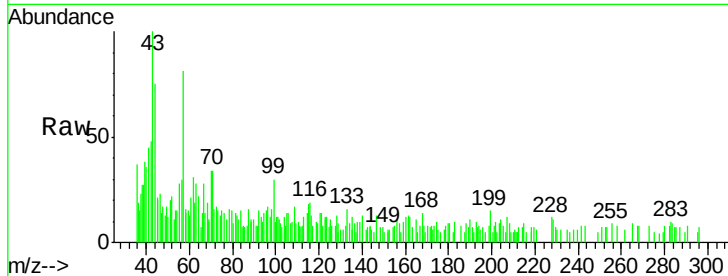




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.410 ug/l
 RT: 8.34 min Scan# 1222
 Delta R.T. 0.03 min
 Lab File: VX014222.D
 Acq: 24 Dec 2019 00:08

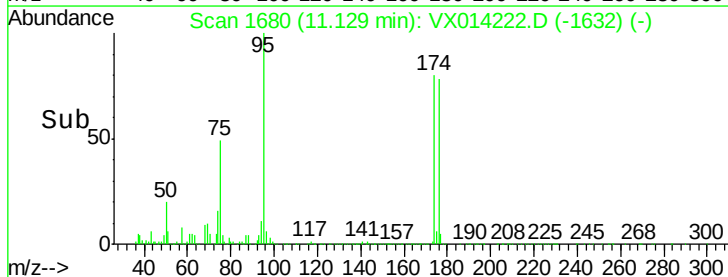
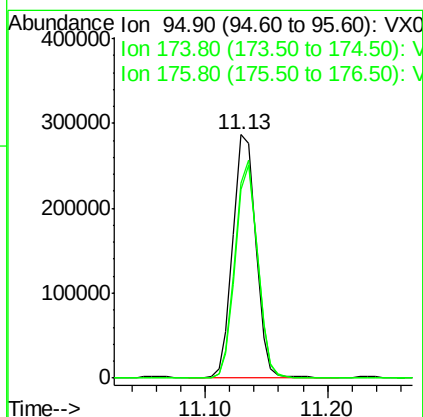
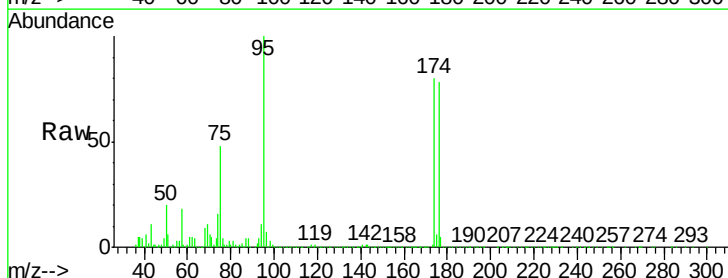
Instrument :
 MSVOA_X
 ClientSampled :
 C0B37

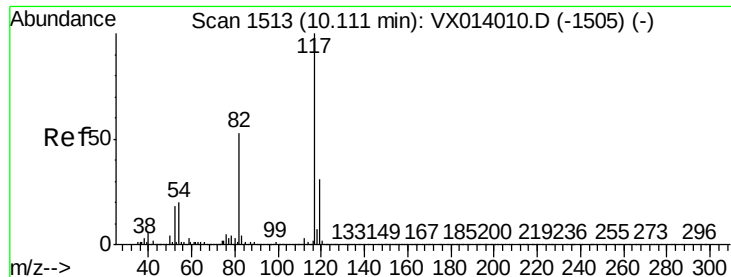
Tgt Ion: 63 Resp: 1532
 Ion Ratio Lower Upper
 63 100
 106 30.8 23.0 34.6



#62
 4-Bromofluorobenzene
 Concen: 49.119 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014222.D
 Acq: 24 Dec 2019 00:08

Tgt Ion: 95 Resp: 373372
 Ion Ratio Lower Upper
 95 100
 174 87.8 0.0 175.8
 176 85.0 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampleId :

C0B37

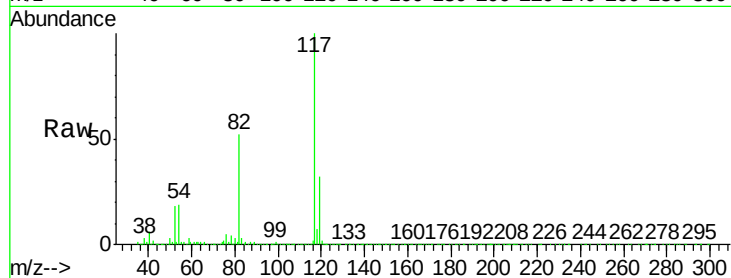
Tgt Ion:117 Resp: 794960

Ion Ratio Lower Upper

117 100

82 52.0 42.2 63.4

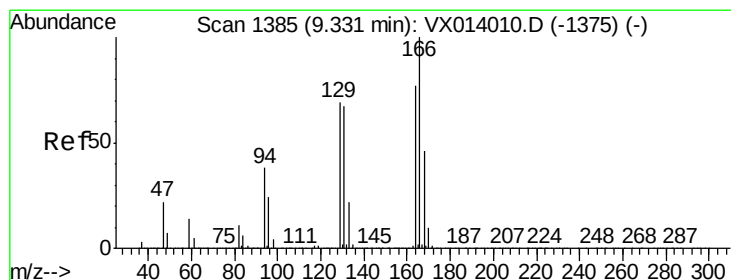
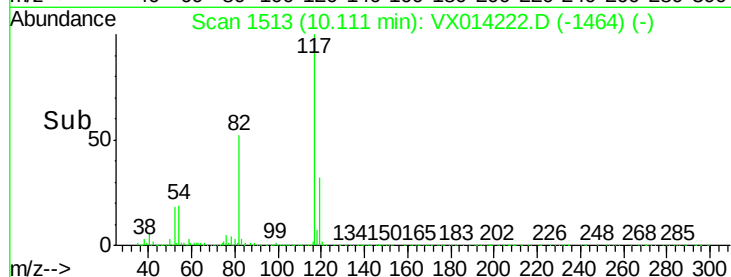
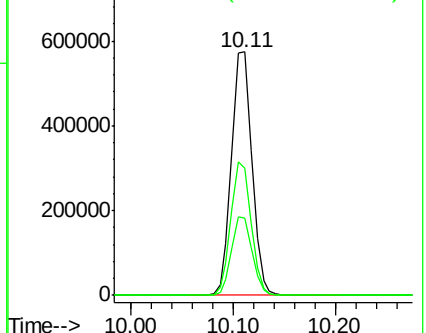
119 31.7 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.205 ug/l

RT: 9.34 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Tgt Ion:164 Resp: 1441

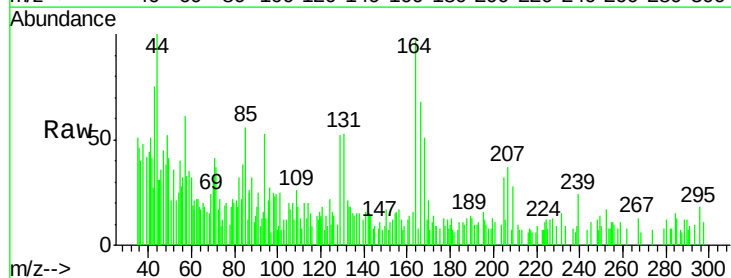
Ion Ratio Lower Upper

164 100

166 62.0 104.0 156.0#

129 43.0 72.2 108.4#

131 49.4 69.6 104.4#

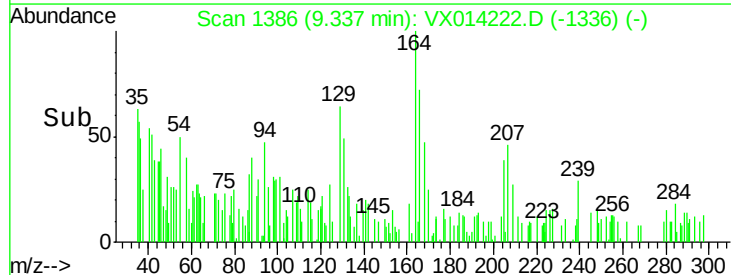
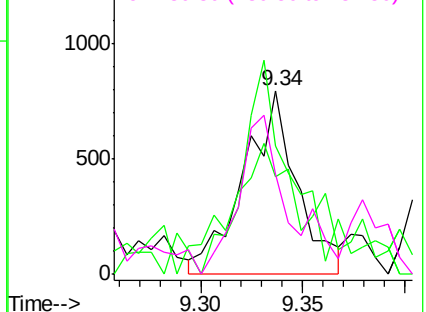


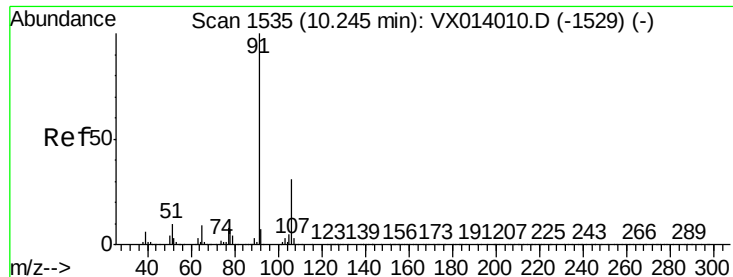
Abundance Ion 163.80 (163.50 to 164.50): V

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

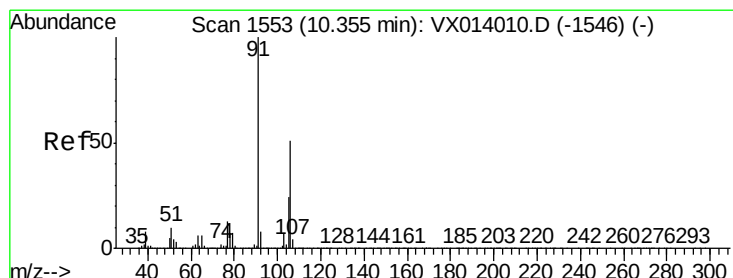
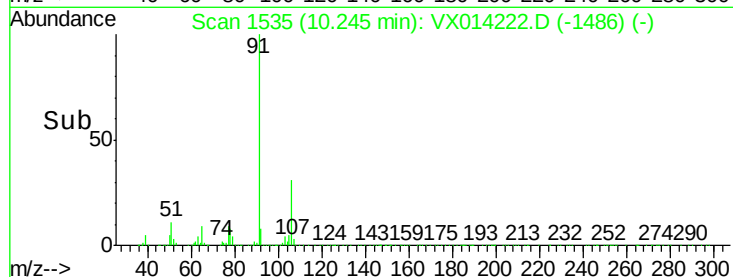
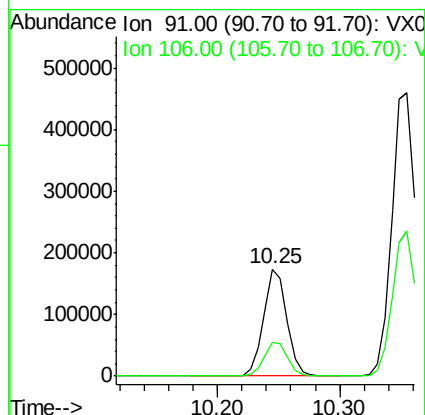
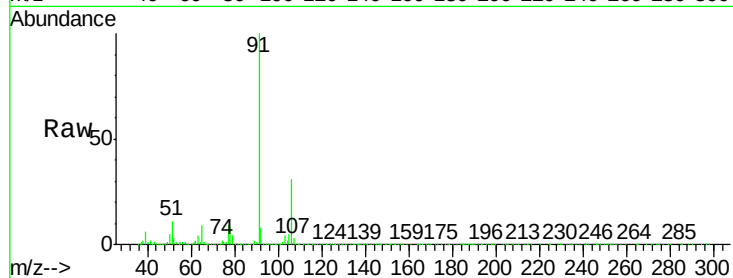




#67
Ethyl Benzene
Concen: 7.971 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014222.D
Acq: 24 Dec 2019 00:08

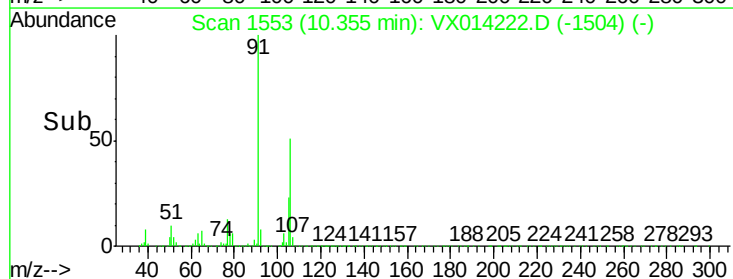
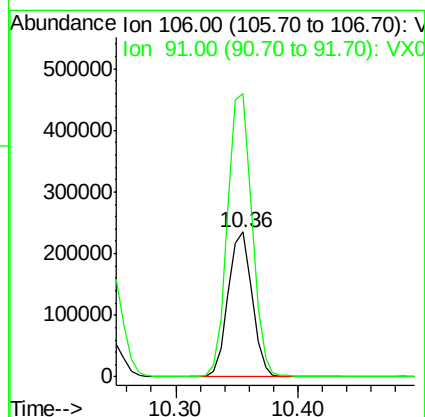
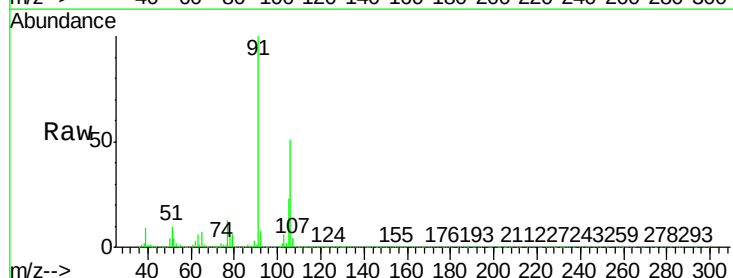
Instrument :
MSVOA_X
ClientSampled :
C0B37

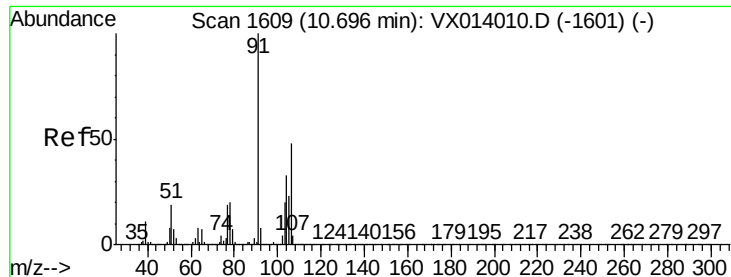
Tgt Ion: 91 Resp: 231638
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 28.356 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014222.D
Acq: 24 Dec 2019 00:08

Tgt Ion: 106 Resp: 316934
Ion Ratio Lower Upper
106 100
91 200.5 158.6 238.0

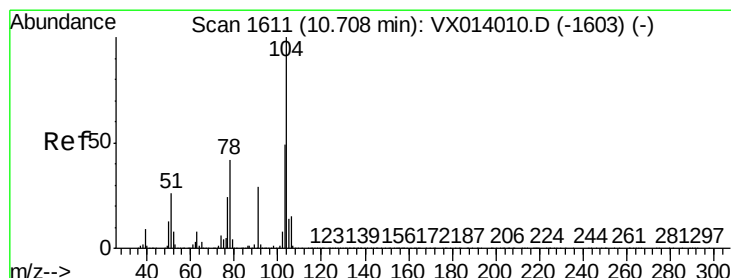
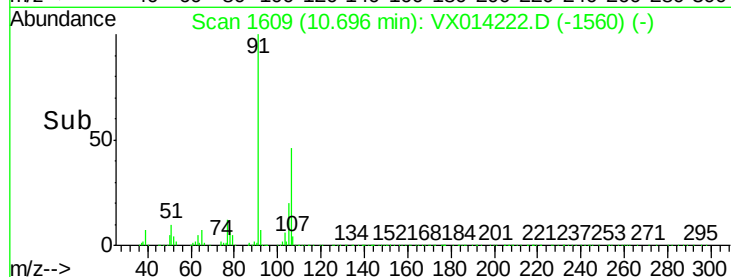
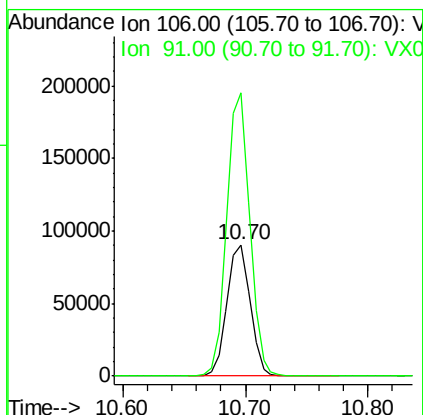
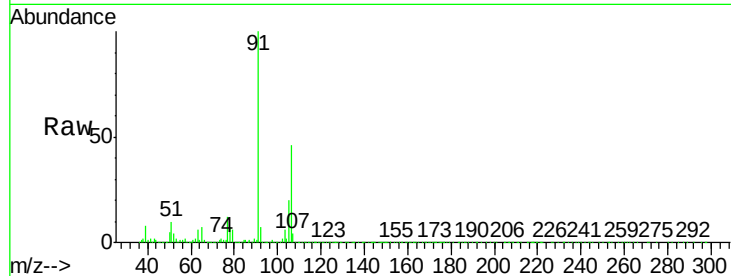




#69
o-Xylene
Concen: 10.855 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014222.D
Acq: 24 Dec 2019 00:08

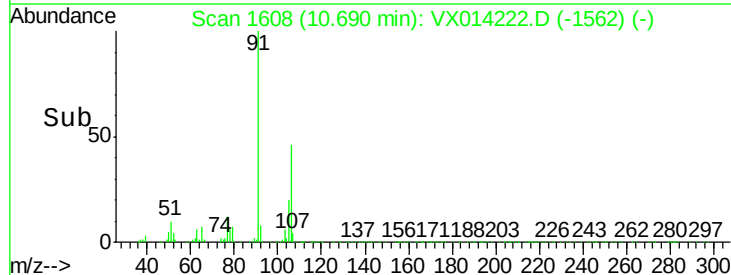
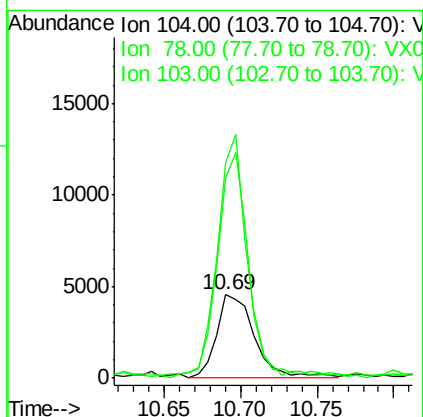
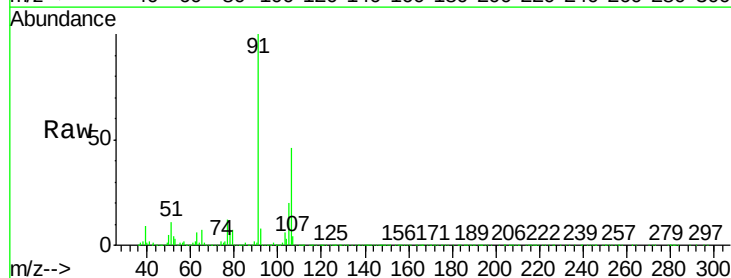
Instrument :
MSVOA_X
ClientSampleId :
C0B37

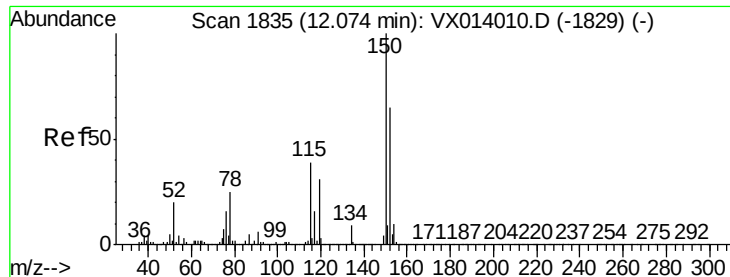
Tgt Ion:106 Resp: 118985
Ion Ratio Lower Upper
106 100
91 212.1 104.2 312.6



#70
Styrene
Concen: 0.426 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.02 min
Lab File: VX014222.D
Acq: 24 Dec 2019 00:08

Tgt Ion:104 Resp: 7901
Ion Ratio Lower Upper
104 100
78 228.3 38.5 57.7#
103 214.6 42.9 64.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampleId :

C0B37

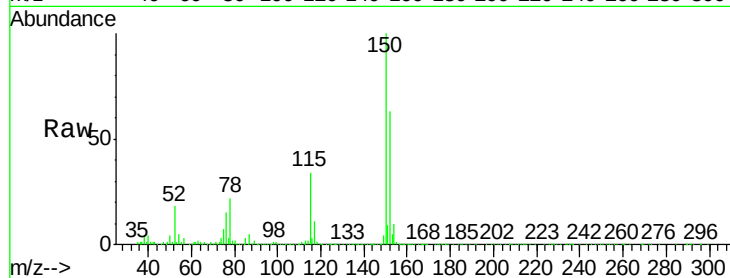
Tgt Ion:152 Resp: 372883

Ion Ratio Lower Upper

152 100

115 55.9 38.3 114.9

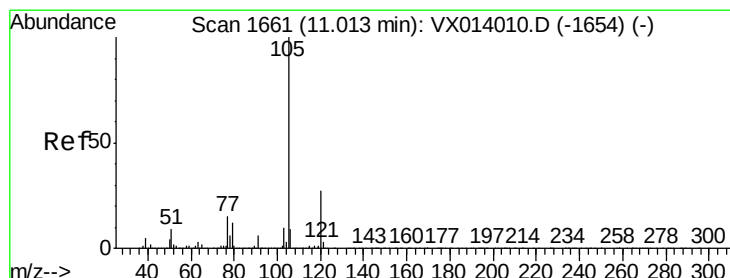
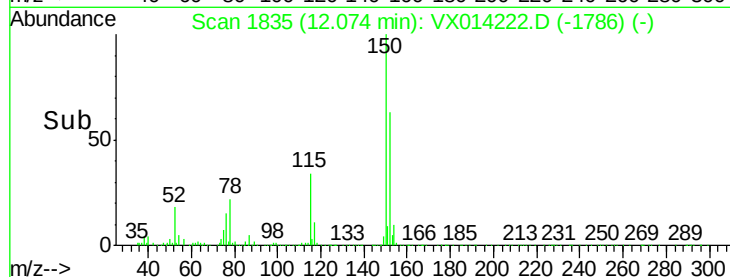
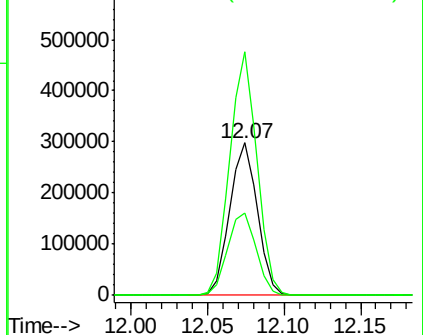
150 157.2 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.479 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014222.D

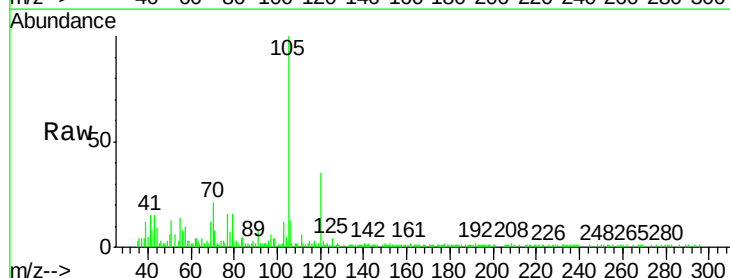
Acq: 24 Dec 2019 00:08

Tgt Ion:105 Resp: 12578

Ion Ratio Lower Upper

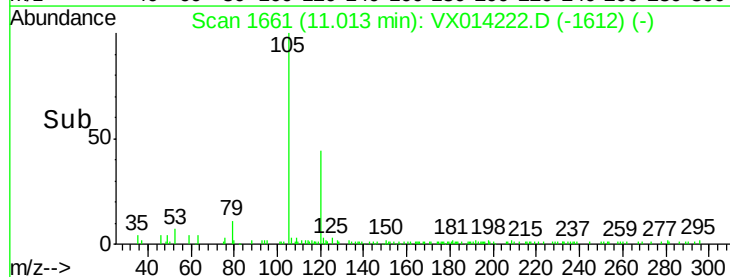
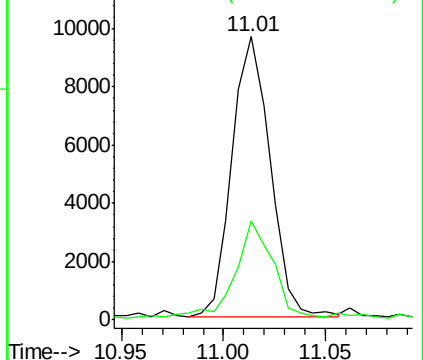
105 100

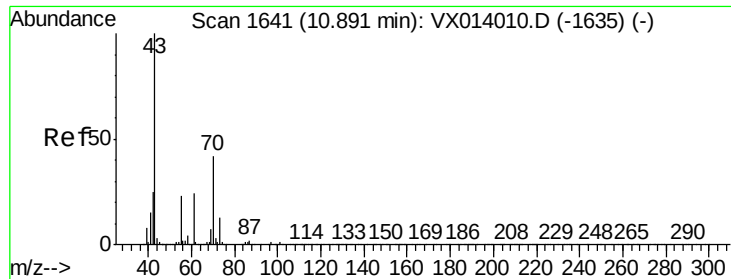
120 34.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 0.342 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampleId :

C0B37

Tgt Ion: 43 Resp: 4204

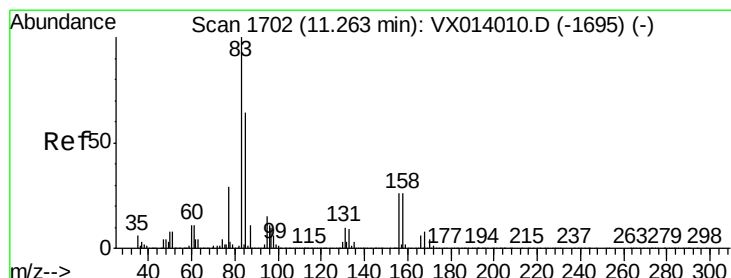
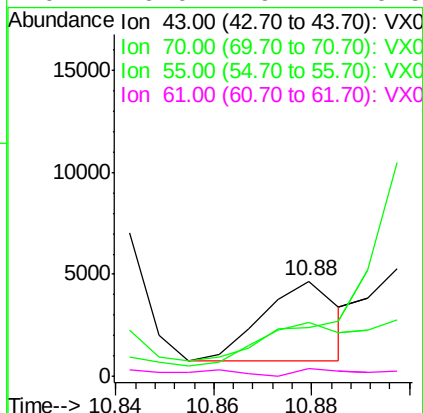
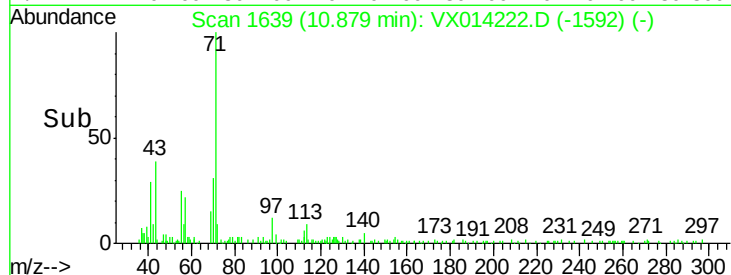
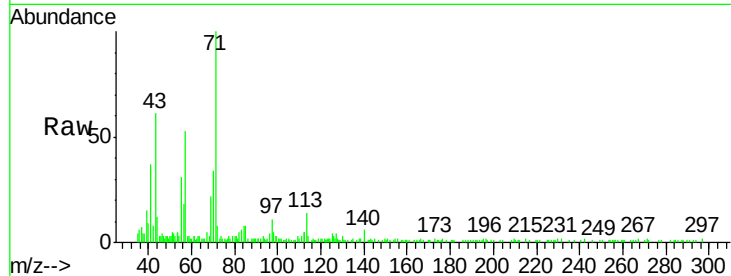
Ion Ratio Lower Upper

43 100

70 58.9 34.4 51.6#

55 0.0 19.1 28.7#

61 0.0 19.7 29.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.376 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

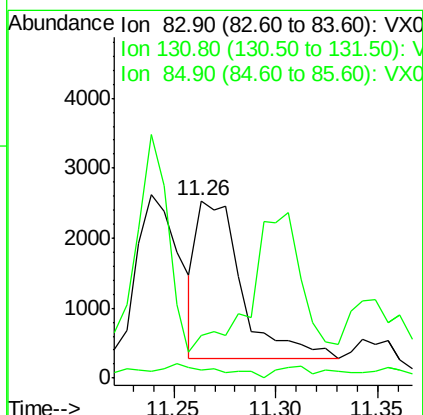
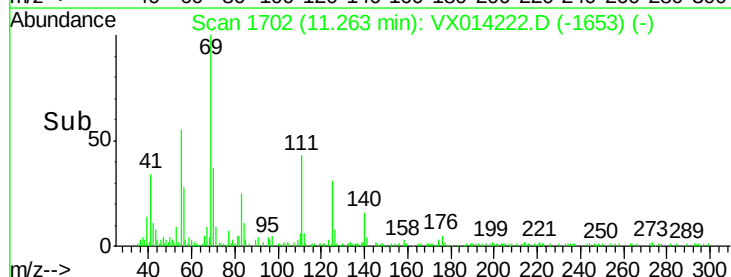
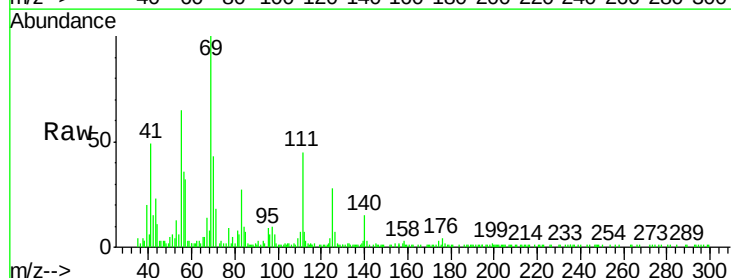
Tgt Ion: 83 Resp: 3424

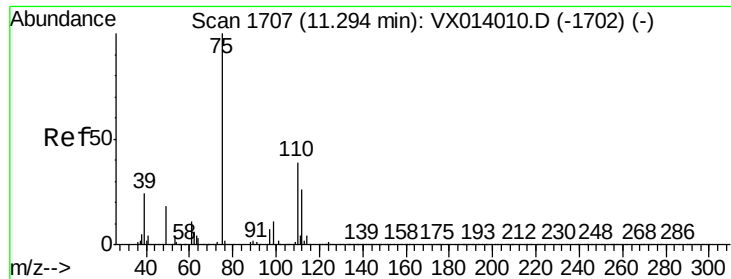
Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.2

85 0.0 31.9 95.7#

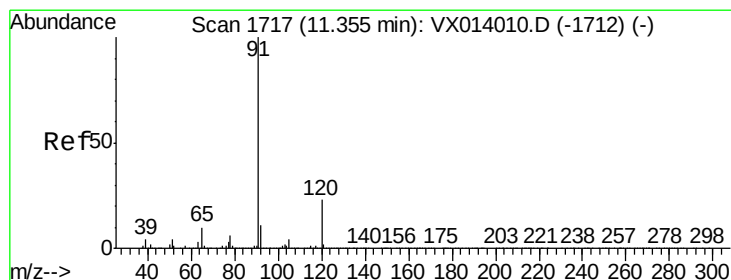
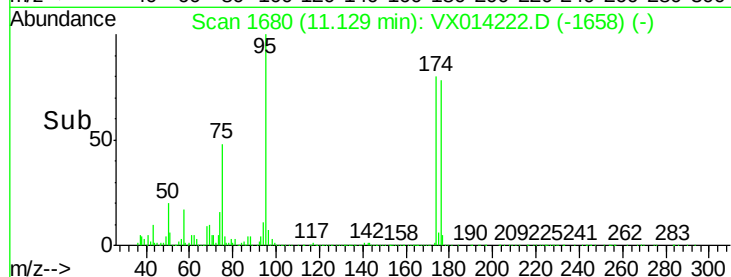
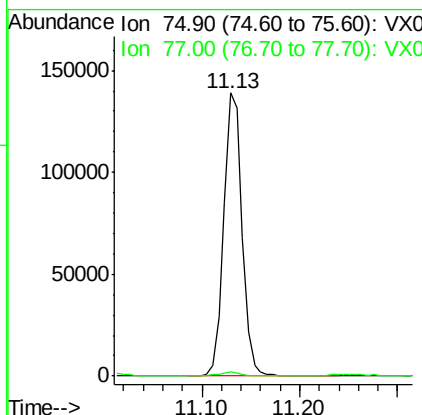
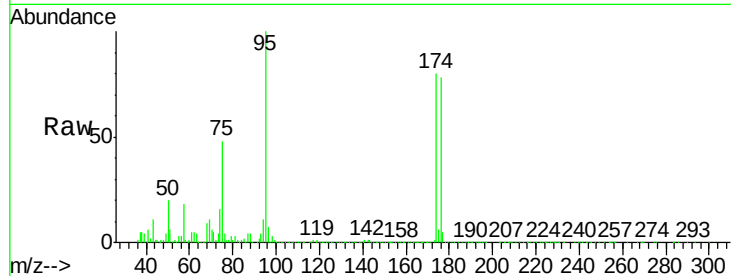




#76
 1,2,3-Trichloropropane
 Concen: 22.174 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX014222.D
 Acq: 24 Dec 2019 00:08

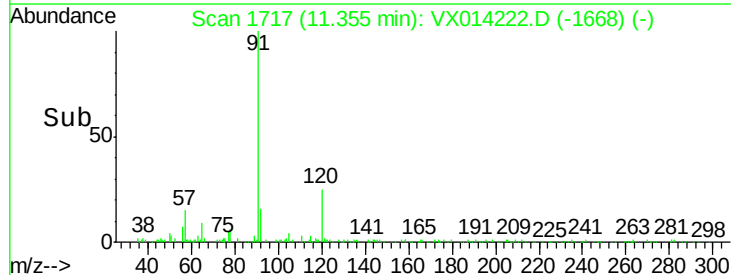
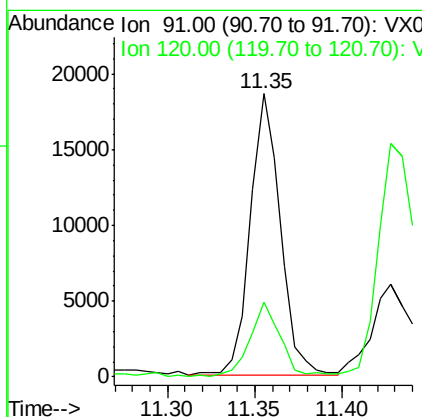
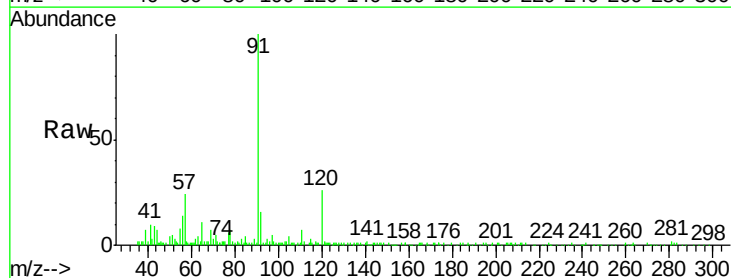
Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37

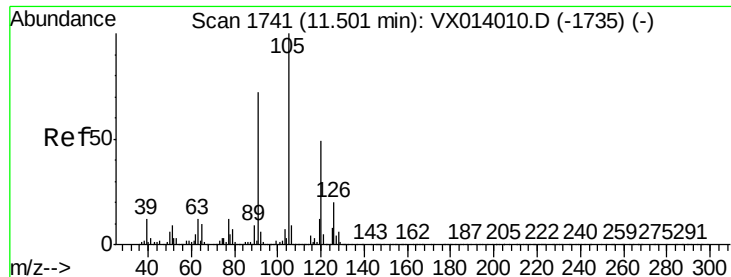
Tgt Ion: 75 Resp: 179504
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.3 57.8#



#78
 n-propylbenzene
 Concen: 0.756 ug/l
 RT: 11.35 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: VX014222.D
 Acq: 24 Dec 2019 00:08

Tgt Ion: 91 Resp: 22272
 Ion Ratio Lower Upper
 91 100
 120 27.8 11.7 35.0





#80

1,3,5-Trimethylbenzene

Concen: 2.736 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampleId :

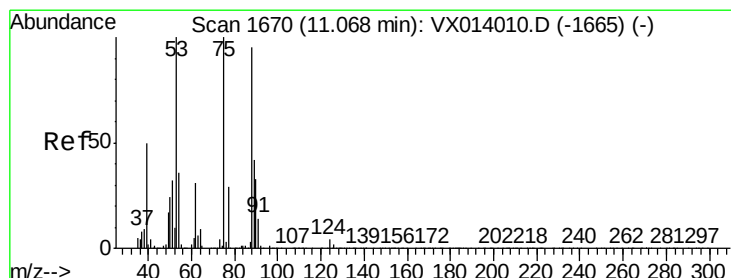
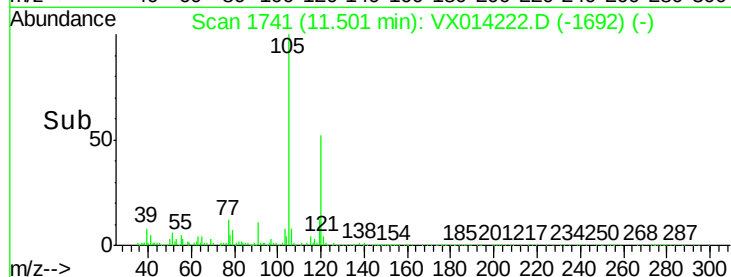
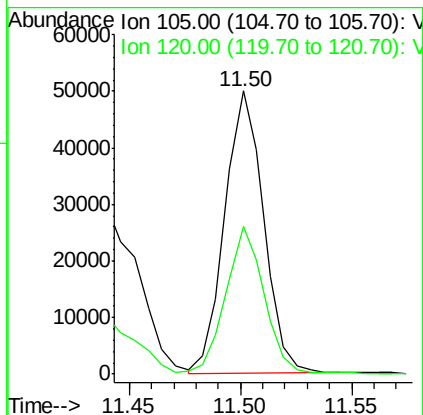
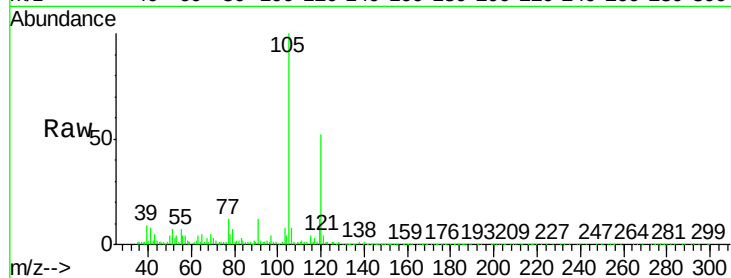
C0B37

Tgt Ion: 105 Resp: 60455

Ion Ratio Lower Upper

105 100

120 51.8 25.3 75.8



#81

trans-1,4-Dichloro-2-butene

Concen: 62.587 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

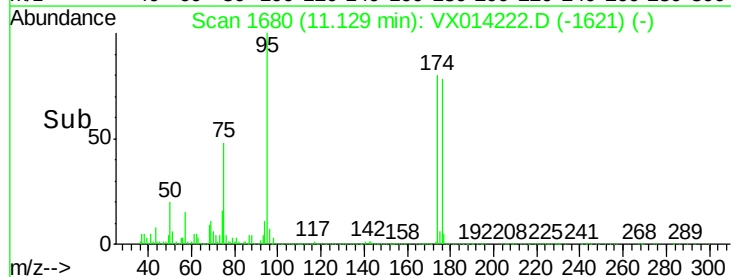
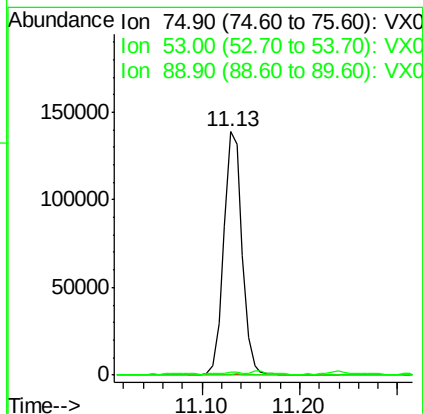
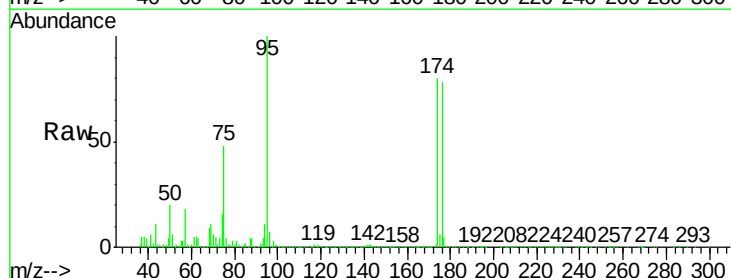
Tgt Ion: 75 Resp: 179504

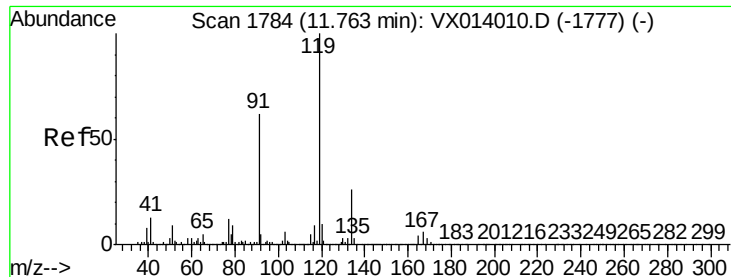
Ion Ratio Lower Upper

75 100

53 1.3 76.7 115.1#

89 0.3 34.6 51.8#

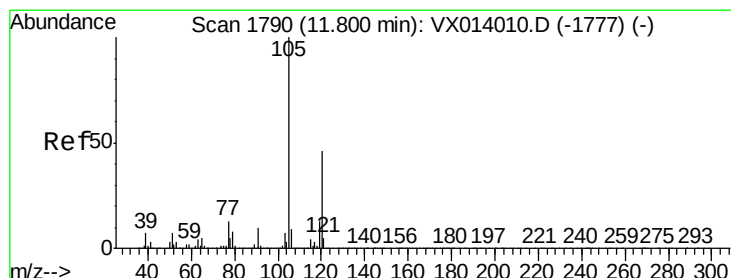
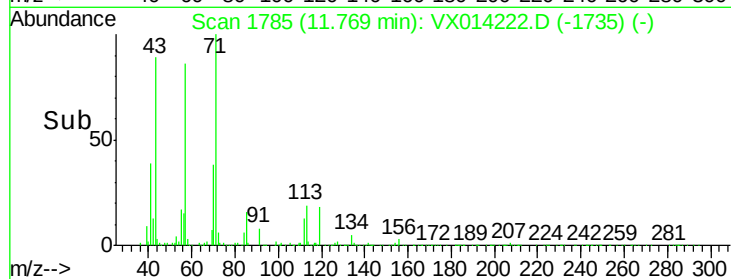
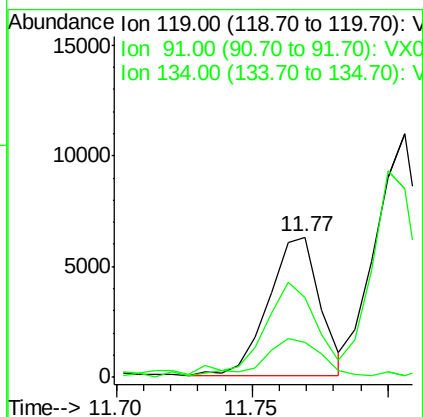
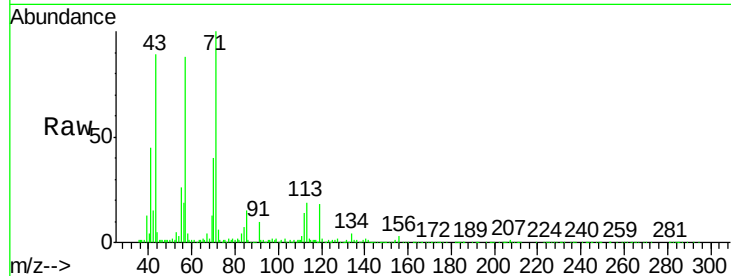




#83
 tert-Butylbenzene
 Concen: 0.383 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX014222.D
 Acq: 24 Dec 2019 00:08

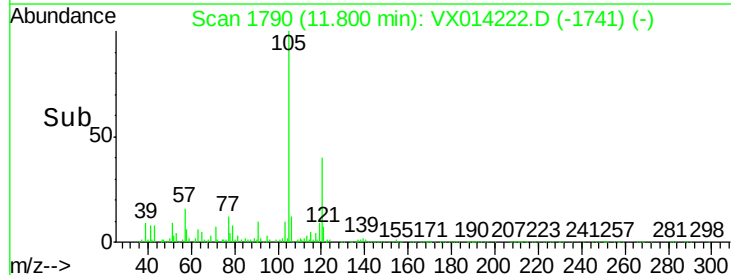
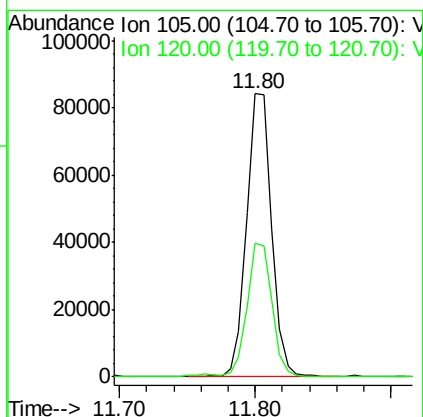
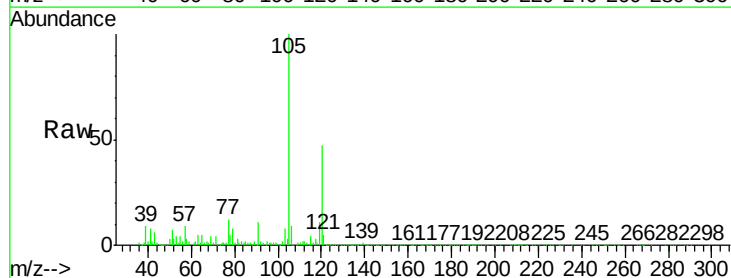
Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37

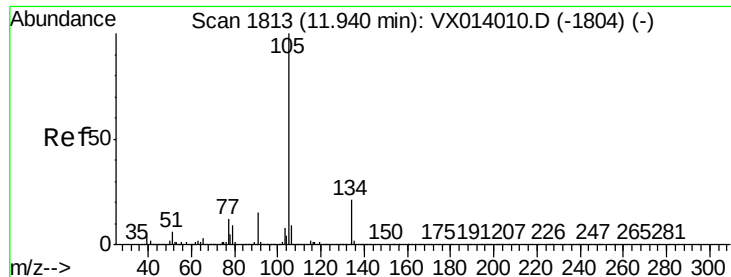
Tgt Ion:	119	Resp:	8236
Ion	Ratio	Lower	Upper
119	100		
91	65.8	28.5	85.6
134	33.5	12.2	36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 4.895 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014222.D
 Acq: 24 Dec 2019 00:08

Tgt Ion:	105	Resp:	108306
Ion	Ratio	Lower	Upper
105	100		
120	48.3	23.1	69.2





#85

sec-Butylbenzene

Concen: 0.469 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampleId :

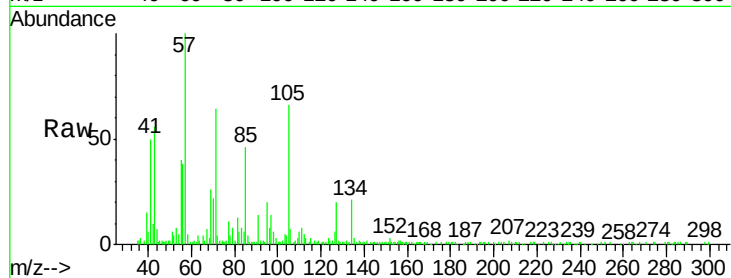
C0B37

Tgt Ion:105 Resp: 11895

Ion Ratio Lower Upper

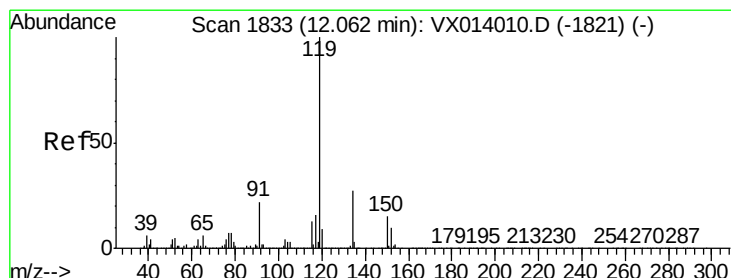
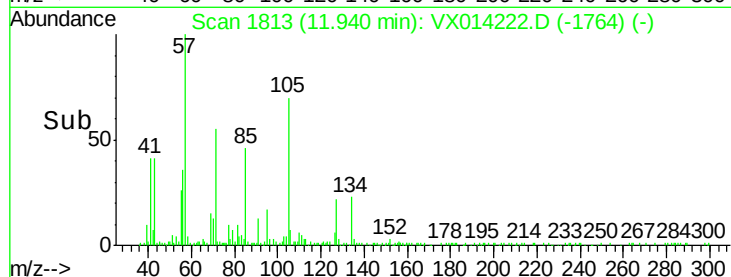
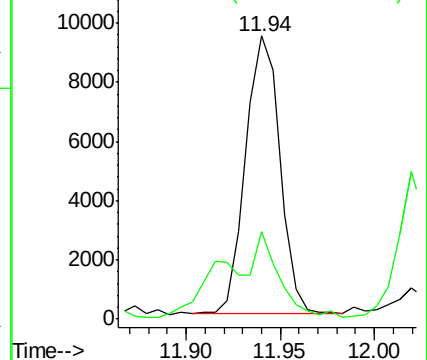
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.532 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

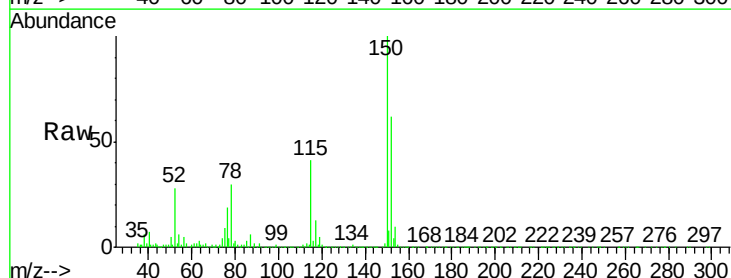
Tgt Ion:119 Resp: 12364

Ion Ratio Lower Upper

119 100

134 33.5 13.4 40.1

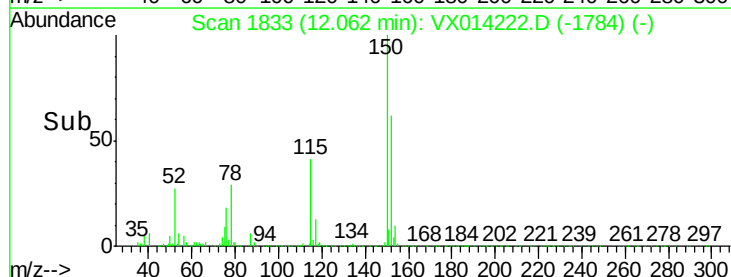
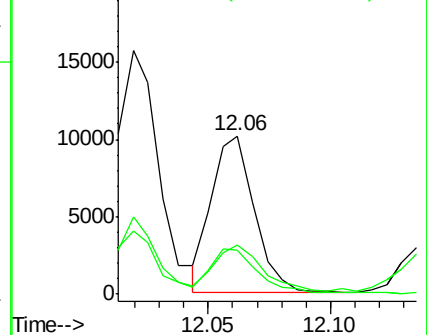
91 32.6 11.4 34.1

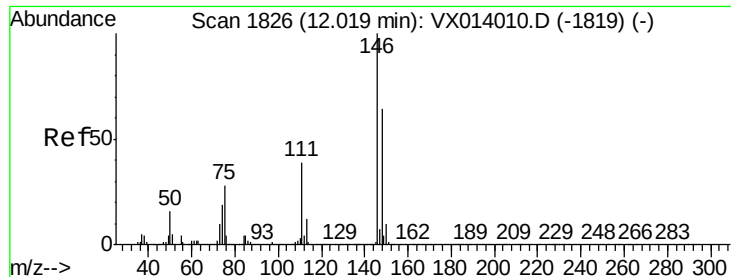


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 0.283 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

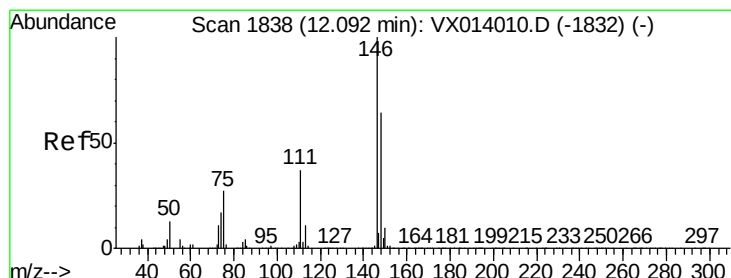
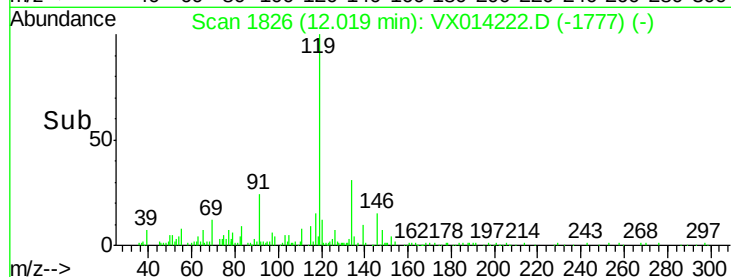
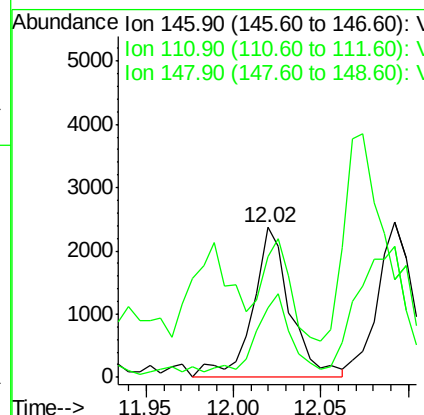
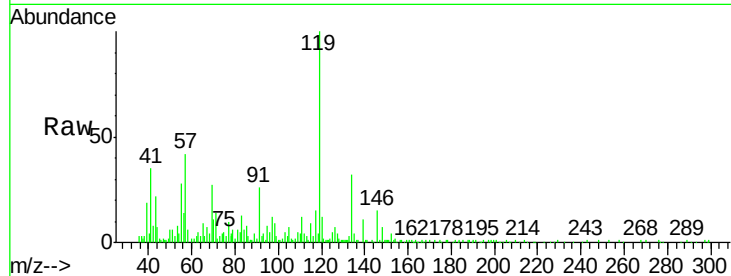
Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :
MSVOA_X
ClientSampleId :
C0B37

Tgt Ion:146 Resp: 3578

Ion	Ratio	Lower	Upper
146	100		
111	60.6	19.1	57.1#
148	51.7	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 0.278 ug/l

RT: 12.02 min Scan# 1826

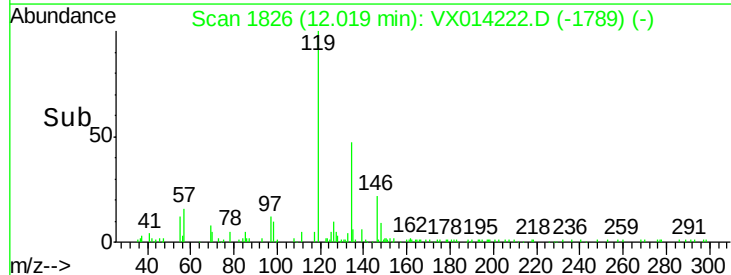
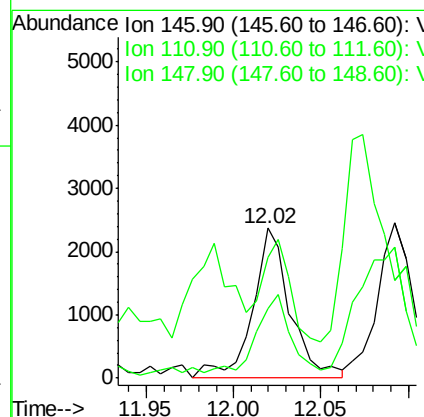
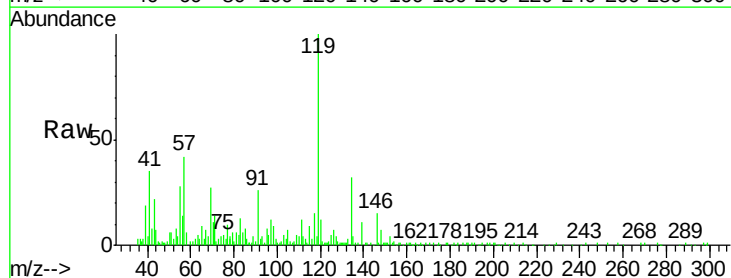
Delta R.T. -0.07 min

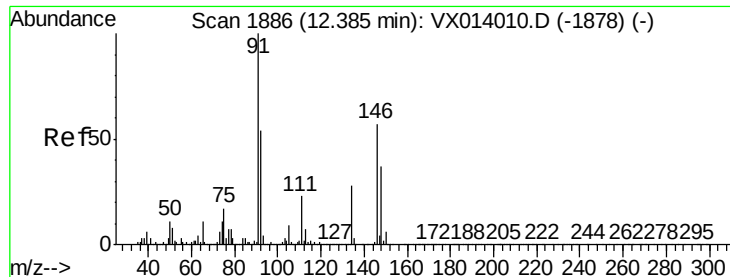
Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Tgt Ion:146 Resp: 3578

Ion	Ratio	Lower	Upper
146	100		
111	53.7	18.7	56.1
148	51.2	31.9	95.9





#89

n-Butylbenzene

Concen: 0.986 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampled :

C0B37

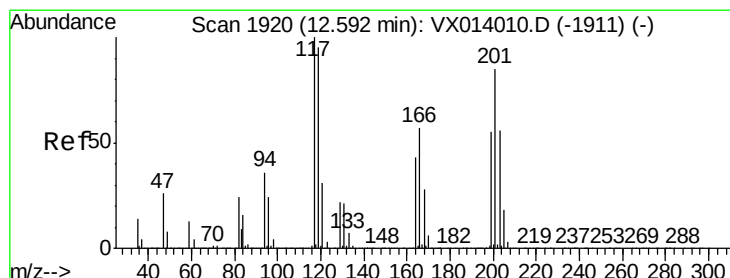
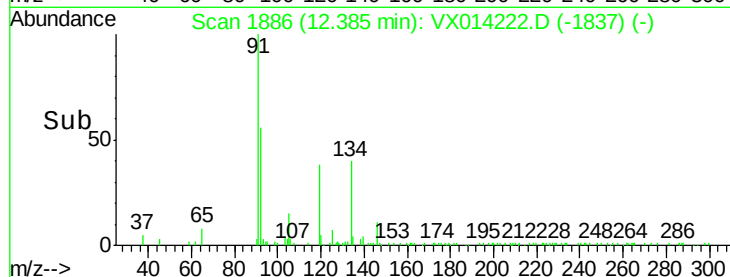
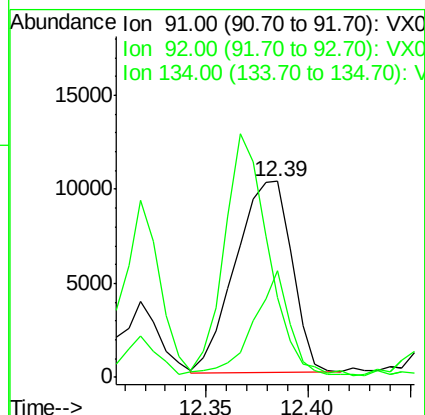
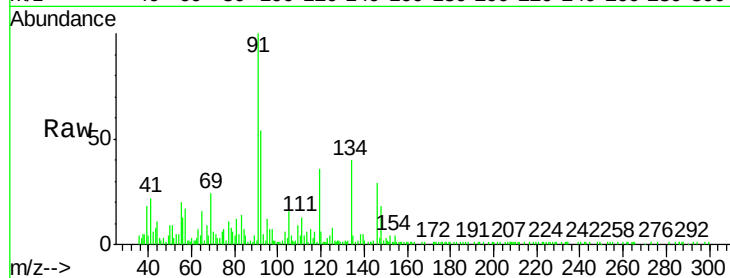
Tgt Ion: 91 Resp: 19528

Ion Ratio Lower Upper

91 100

92 34.9 27.2 81.6

134 98.6 13.4 40.1#



#90

Hexachloroethane

Concen: 0.486 ug/l

RT: 12.60 min Scan# 1922

Delta R.T. 0.01 min

Lab File: VX014222.D

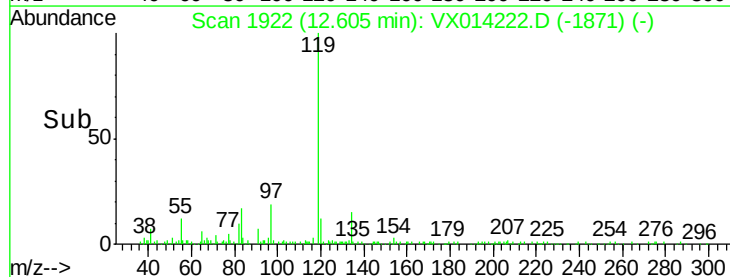
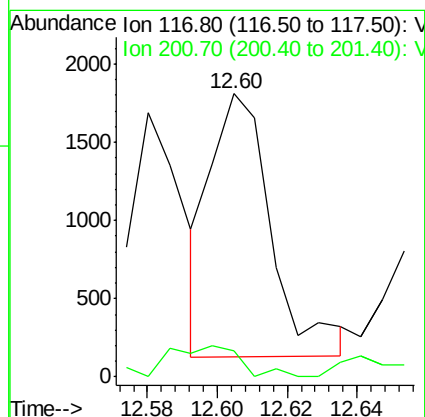
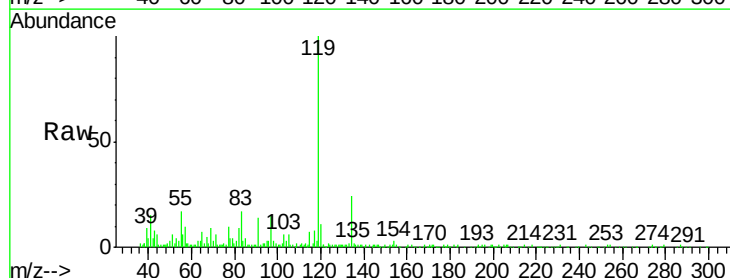
Acq: 24 Dec 2019 00:08

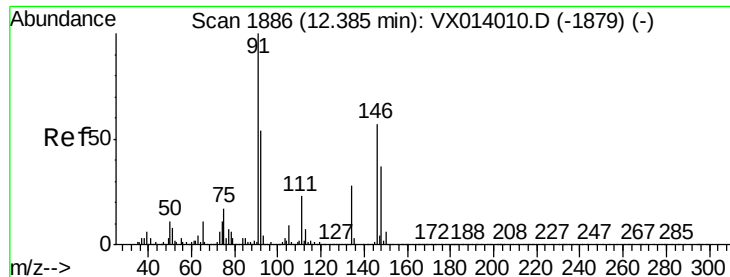
Tgt Ion: 117 Resp: 2026

Ion Ratio Lower Upper

117 100

201 13.7 43.1 129.3#

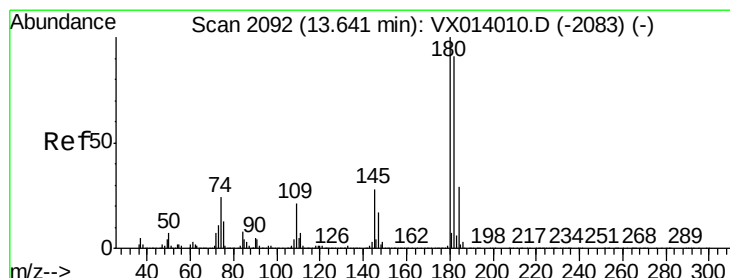
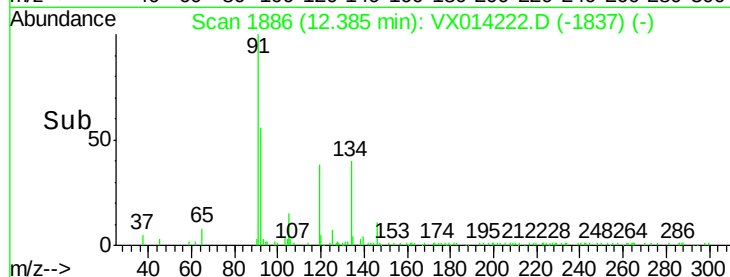
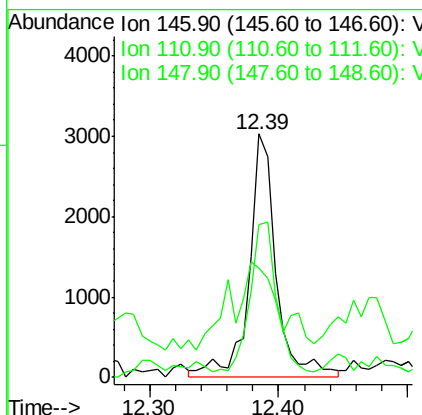
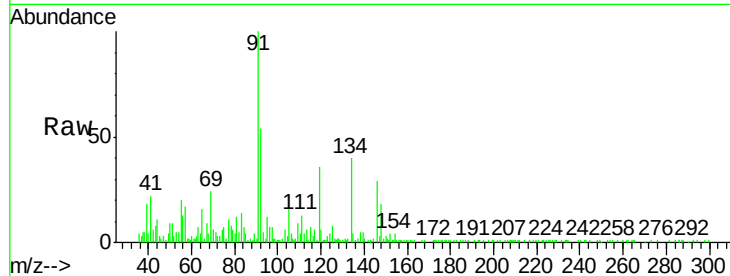




#91
 1,2-Dichlorobenzene
 Concen: 0.341 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014222.D
 Acq: 24 Dec 2019 00:08

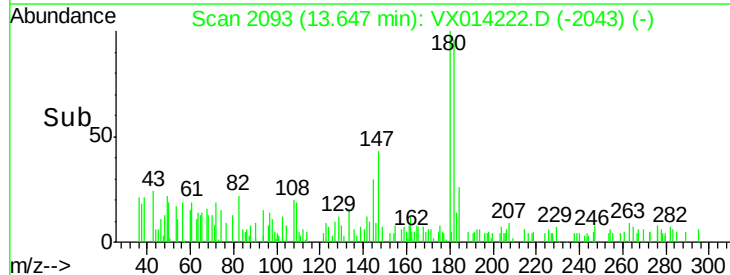
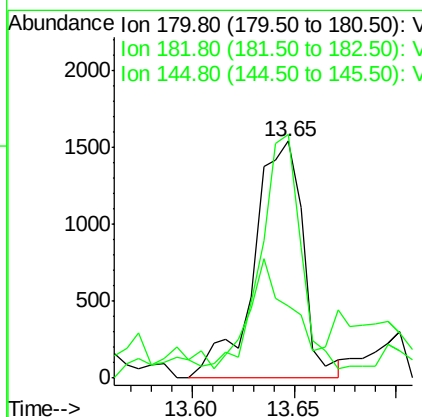
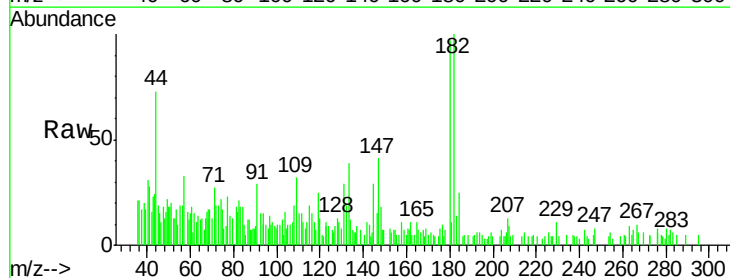
Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37

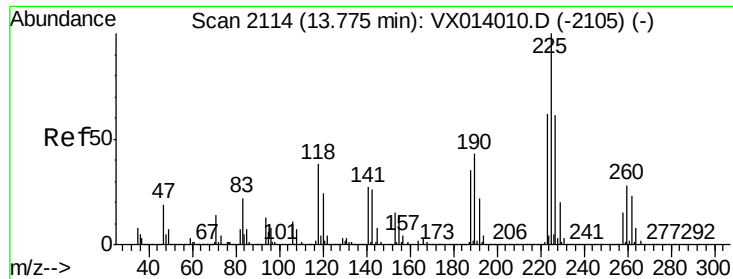
Tgt Ion:146 Resp: 4347
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.7 59.1
 148 60.6 32.1 96.5



#93
 1,2,4-Trichlorobenzene
 Concen: 0.314 ug/l
 RT: 13.65 min Scan# 2093
 Delta R.T. 0.01 min
 Lab File: VX014222.D
 Acq: 24 Dec 2019 00:08

Tgt Ion:180 Resp: 2598
 Ion Ratio Lower Upper
 180 100
 182 78.8 46.6 139.8
 145 37.8 14.2 42.6





#94

Hexachlorobutadiene

Concen: 0.283 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

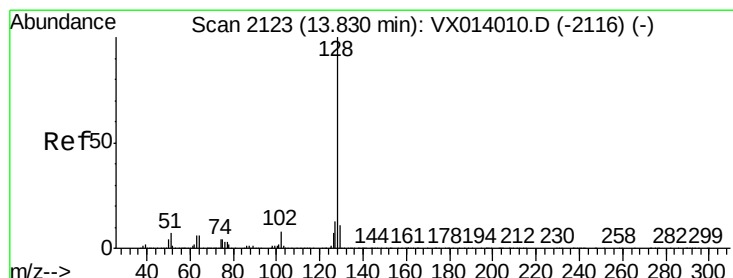
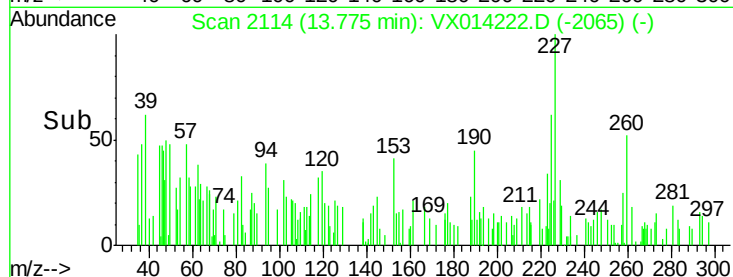
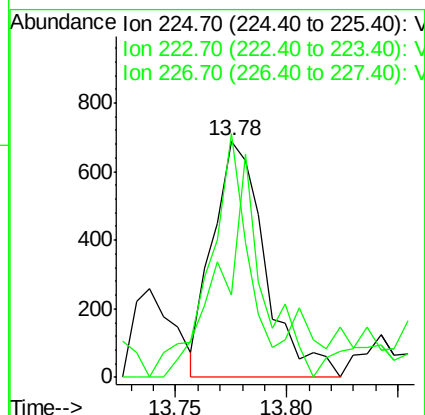
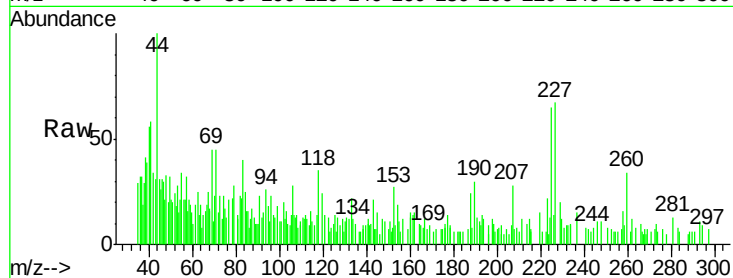
Instrument :

MSVOA_X

ClientSampled :

C0B37

Tgt Ion:	225	Resp:	1127
Ion	Ratio	Lower	Upper
225	100		
223	75.4	30.9	92.5
227	76.0	30.9	92.7



#95

Naphthalene

Concen: 0.550 ug/l

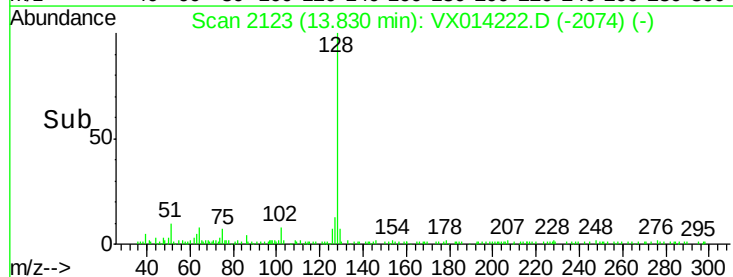
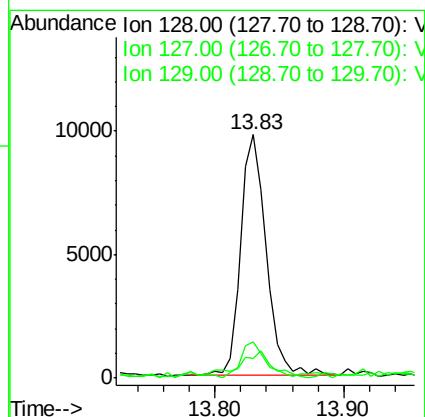
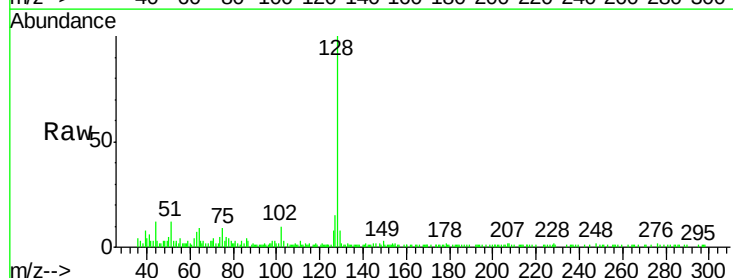
RT: 13.83 min Scan# 2123

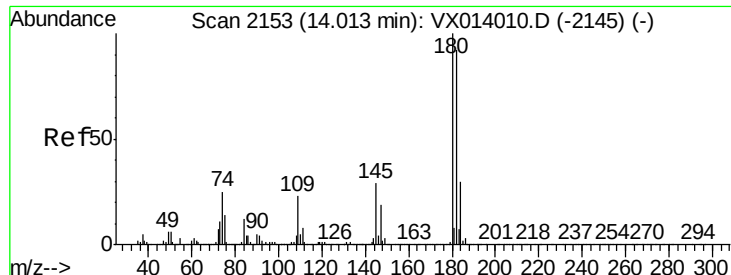
Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Tgt Ion:	128	Resp:	13377
Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.2	15.4
129	15.3	8.7	13.1#

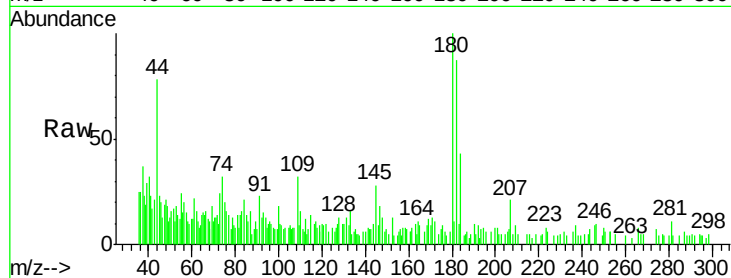




#96
 1,2,3-Trichlorobenzene
 Concen: 0.281 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: VX014222.D
 Acq: 24 Dec 2019 00:08

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	46.8	140.3
145	28.6	14.8	44.4



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

