

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013739.D
 Acq On : 03 Dec 2019 20:51
 Operator : JC/SP
 Sample : K6084-06DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30738

Quant Time: Dec 04 00:45:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	747531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1117022	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1005464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	484047	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	394268	45.44	ug/l	0.00
Spiked Amount			Recovery	=	90.88%	
35) Dibromofluoromethane	5.49	113	337781	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
50) Toluene-d8	8.71	98	1331239	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.14	95	472499	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	2070	0.293	ug/l #	79
8) Diethyl Ether	2.18	74	1618	0.307	ug/l	71
11) Tert butyl alcohol	3.02	59	252485	117.885	ug/l	98
13) Acrolein	2.23	56	376	6.260	ug/l #	65
16) Acetone	2.43	43	419802	97.993	ug/l	97
17) Carbon Disulfide	2.57	76	10708	0.528	ug/l #	88
18) Methyl Acetate	2.76	43	54906	4.603	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	267572	11.354	ug/l	99
20) Methylene Chloride	2.84	84	5859	0.712	ug/l #	83
22) Diisopropyl ether	3.78	45	90278	3.632	ug/l #	1
23) Vinyl Acetate	3.77	43	6276	0.303	ug/l #	79
25) 2-Butanone	4.66	43	152629	23.972	ug/l	98
29) Tetrahydrofuran	5.12	42	8072	2.057	ug/l #	32
30) Chloroform	5.20	83	48256	3.501	ug/l	96
31) Cyclohexane	5.58	56	9039	0.705	ug/l #	88
36) 1,1-Dichloropropene	5.65	75	49110	4.843	ug/l #	50
37) Ethyl Acetate	4.66	43	153450	13.490	ug/l #	69
38) Carbon Tetrachloride	5.65	117	64532	6.902	ug/l #	17
39) Methylcyclohexane	7.45	83	10936	0.873	ug/l	88
40) Benzene	6.14	78	2103816	68.124	ug/l	99
42) 1,2-Dichloroethane	6.14	62	21343	2.026	ug/l	75
43) Isopropyl Acetate	6.43	43	35641	1.903	ug/l #	91
47) Bromodichloromethane	7.89	83	5587	0.563	ug/l #	89
48) Methyl methacrylate	7.76	41	15925	1.750	ug/l #	41
49) 1,4-Dioxane	7.73	88	8357	41.031	ug/l #	56
51) 4-Methyl-2-Pentanone	8.64	43	24188	2.053	ug/l	90
52) Toluene	8.78	92	2316626	120.750	ug/l	100
53) t-1,3-Dichloropropene	8.96	75	4670	0.414	ug/l #	49
59) 2-Hexanone	9.49	43	13791	1.501	ug/l	99
67) Ethyl Benzene	10.25	91	209995	5.854	ug/l	99
68) m/p-Xylenes	10.35	106	579768	42.214	ug/l	99
69) o-Xylene	10.70	106	180581	13.482	ug/l	95
70) Styrene	10.70	104	9855	0.437	ug/l #	1
73) Isopropylbenzene	11.01	105	23497	0.692	ug/l	94

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

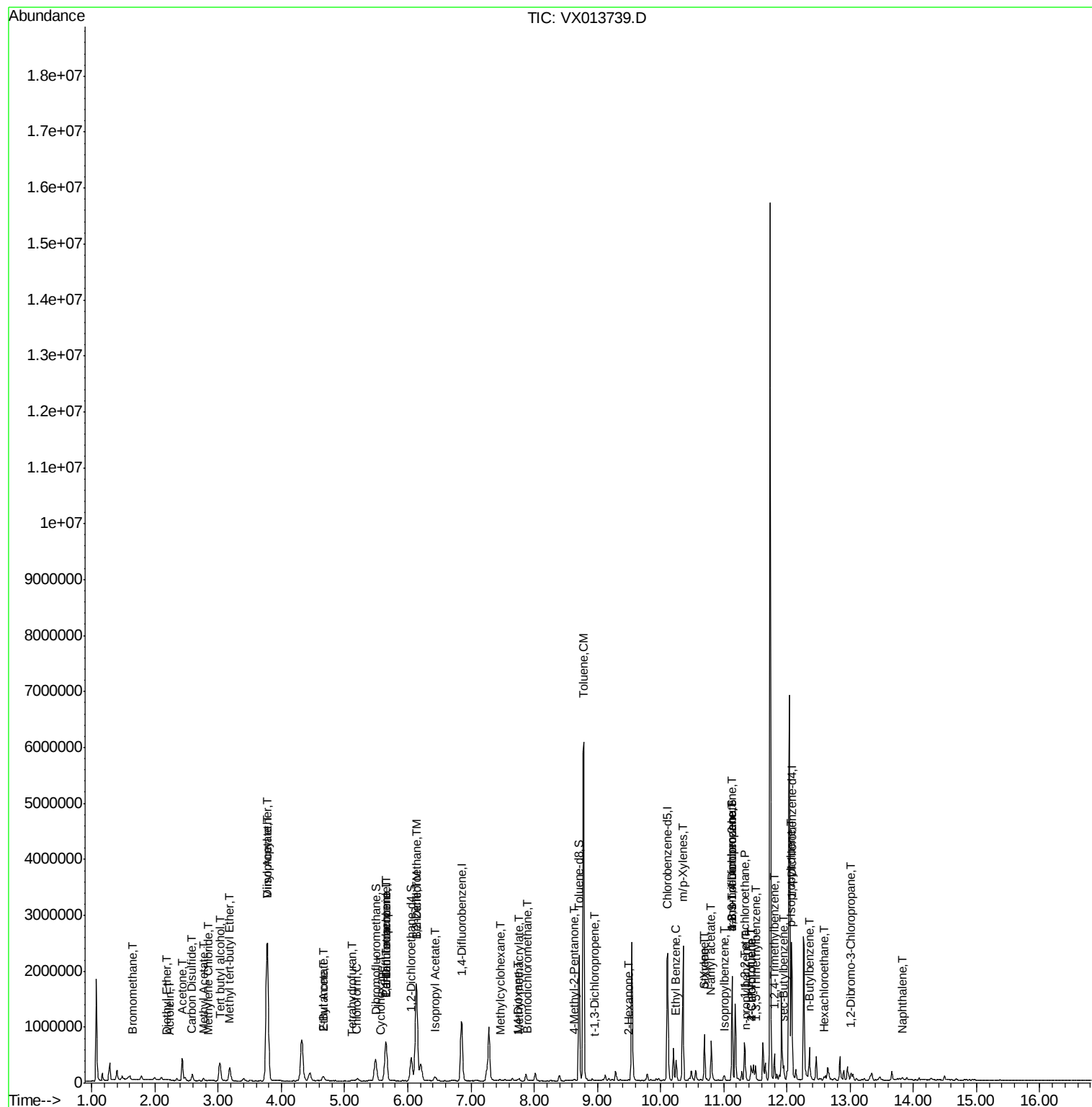
74) N-amyl acetate	10.80	43	119376	7.675	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.33	83	25413	2.158	ug/l #	27
76) 1,2,3-Trichloropropane	11.14	75	233296	21.429	ug/l #	39
78) n-propylbenzene	11.35	91	21653	0.571	ug/l	100
79) 2-Chlorotoluene	11.43	91	19576	0.861	ug/l	80
80) 1,3,5-Trimethylbenzene	11.50	105	98152	3.527	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	233296	58.625	ug/l #	11
82) 4-Chlorotoluene	11.43	91	19576	0.743	ug/l	75
84) 1,2,4-Trimethylbenzene	11.81	105	209455	7.416	ug/l	99
85) sec-Butylbenzene	11.94	105	7017	0.217	ug/l #	77
86) p-Isopropyltoluene	12.06	119	7622	0.254	ug/l #	72
89) n-Butylbenzene	12.37	91	12384	0.483	ug/l #	27
90) Hexachloroethane	12.58	117	2712	0.499	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	802	0.313	ug/l #	27
95) Naphthalene	13.83	128	26164	0.798	ug/l #	95

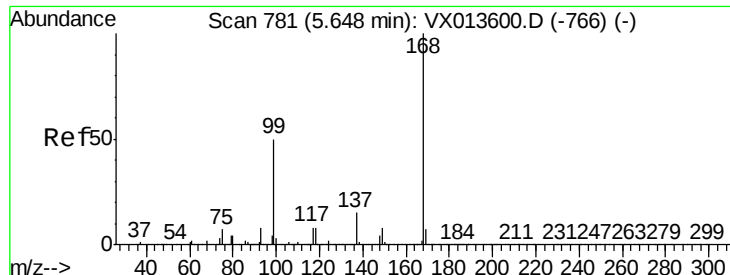
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

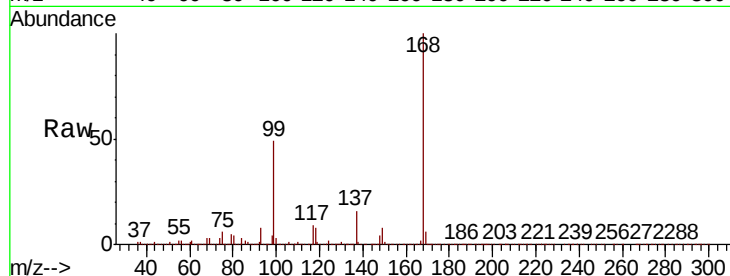
ClientSampleId :
30738

Tot Ion:168 Resp: 747531

Ion Ratio Lower Upper

168 100

99 49.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

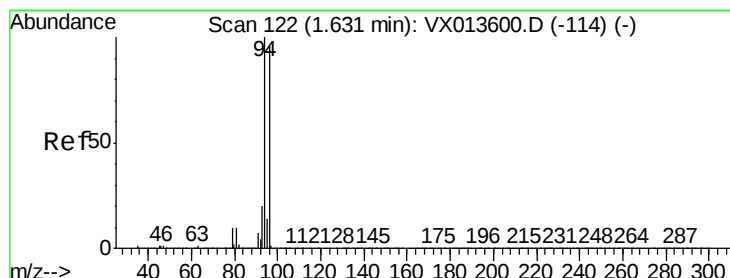
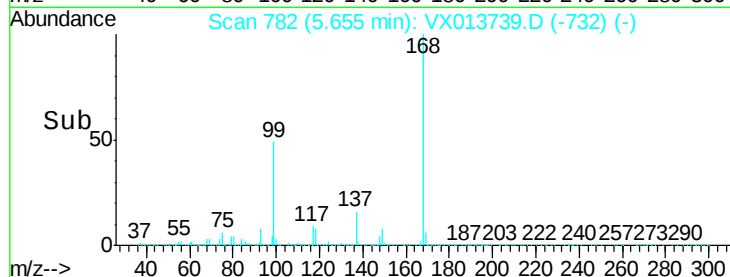
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.293 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013739.D

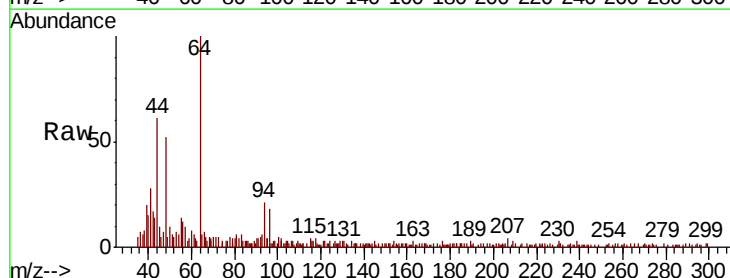
Acq: 03 Dec 2019 20:51

Tgt Ion: 94 Resp: 2070

Ion Ratio Lower Upper

94 100

96 75.4 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

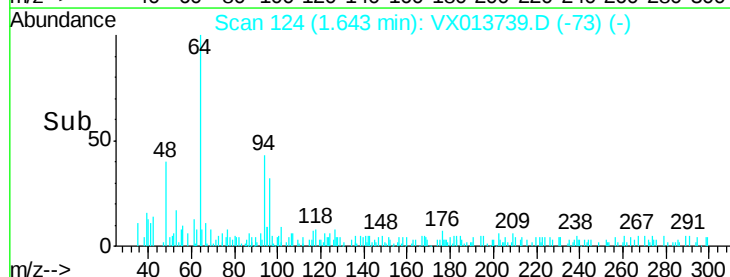
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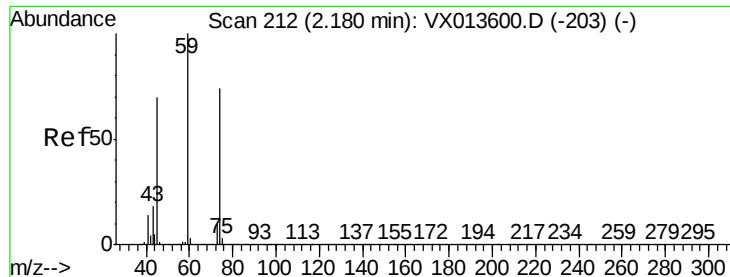
1000

500

0

Time-->





#8

Diethyl Ether

Concen: 0.307 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

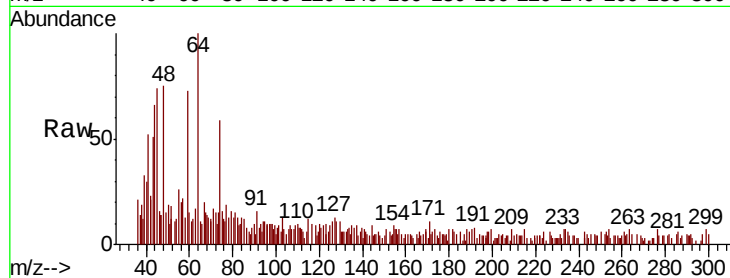
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Tot Ion: 74 Resp: 1618

Ion Ratio Lower Upper

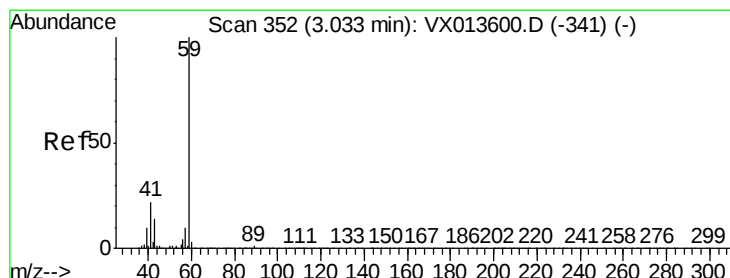
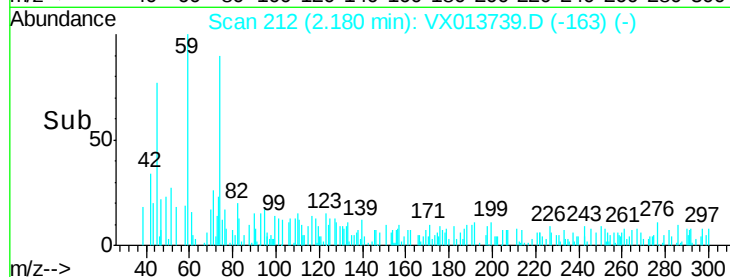
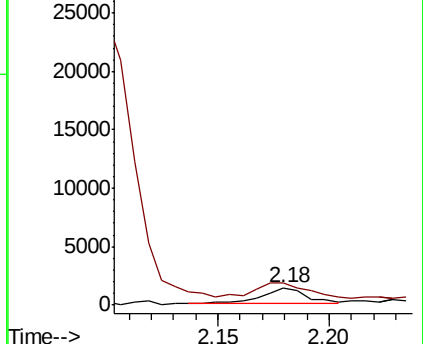
74 100

45 126.7 48.9 146.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#11

Tert butyl alcohol

Concen: 117.885 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX013739.D

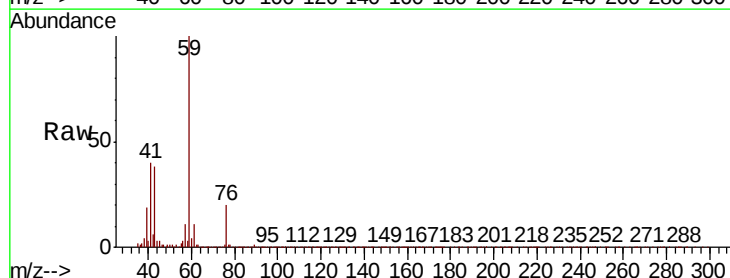
Acq: 03 Dec 2019 20:51

Tgt Ion: 59 Resp: 252485

Ion Ratio Lower Upper

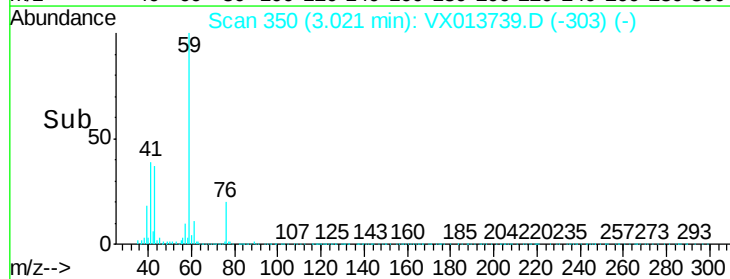
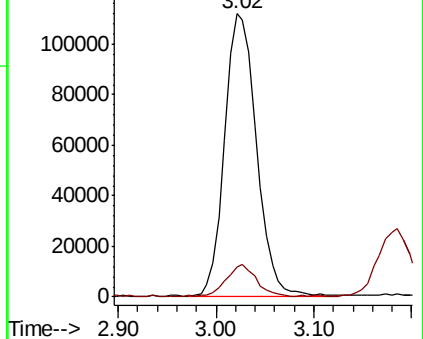
59 100

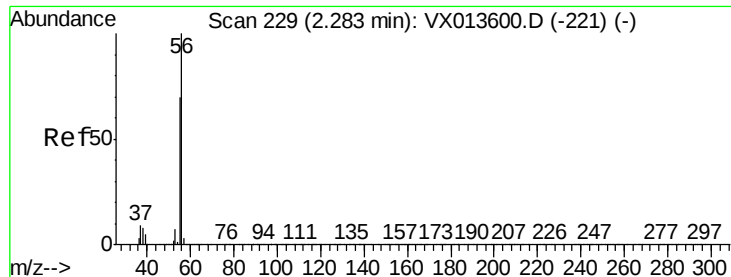
57 10.3 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

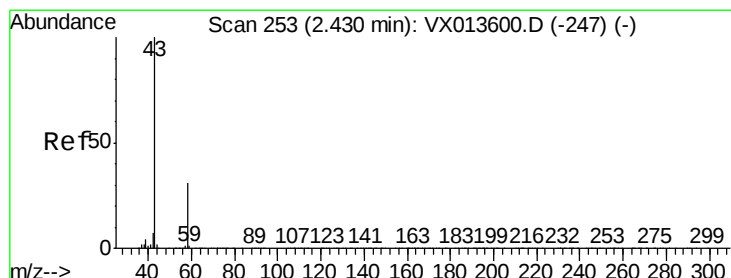
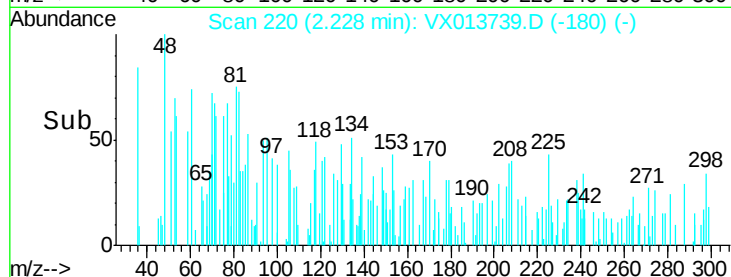
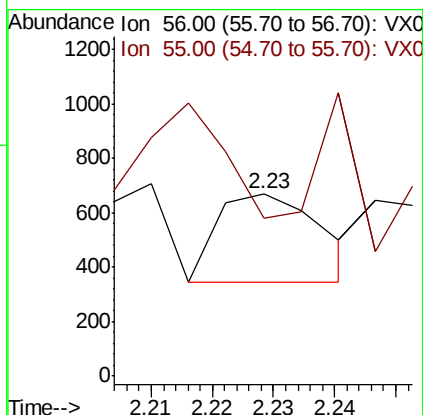
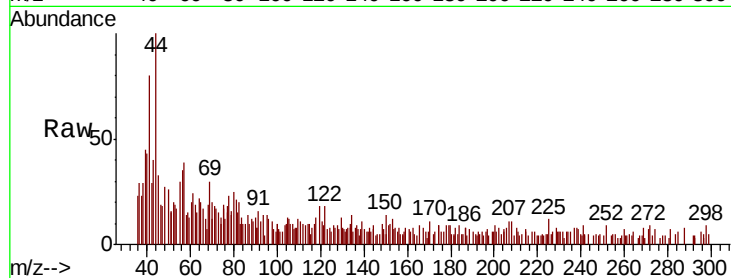




#13
Acrolein
Concen: 6.260 ug/l
RT: 2.23 min Scan# 220
Delta R.T. -0.05 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

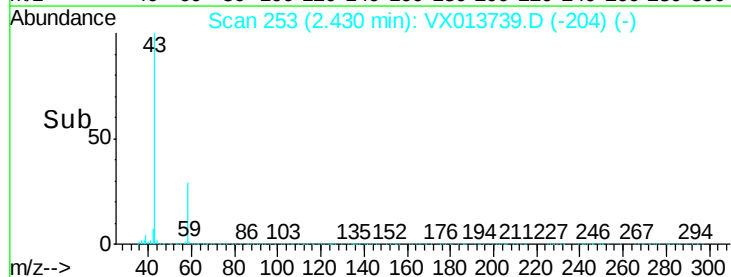
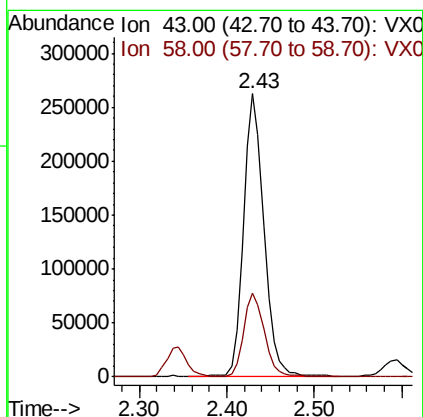
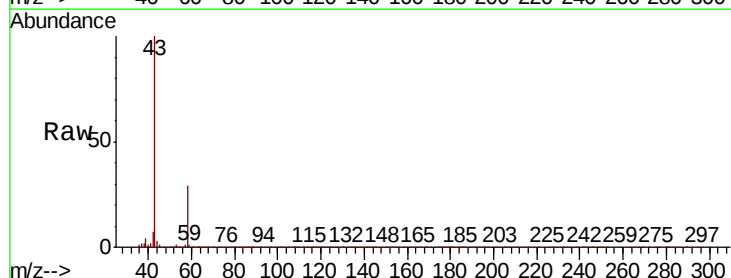
Instrument :
MSVOA_X
ClientSampled :
30738

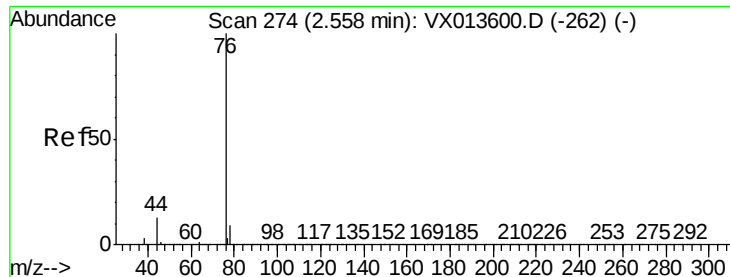
Tot Ion: 56 Resp: 376
Ion Ratio Lower Upper
56 100
55 99.5 56.2 84.4#



#16
Acetone
Concen: 97.993 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

Tgt Ion: 43 Resp: 419802
Ion Ratio Lower Upper
43 100
58 29.3 24.6 36.8





#17

Carbon Disulfide

Concen: 0.528 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

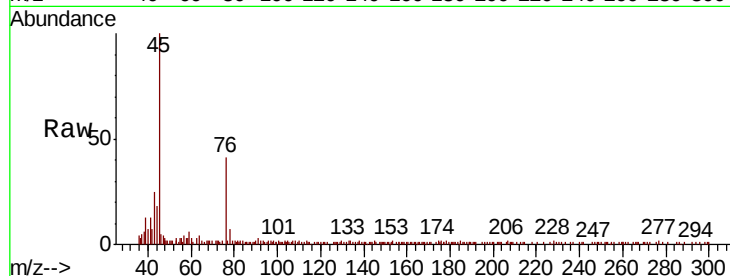
30738

Tot Ion: 76 Resp: 10708

Ion Ratio Lower Upper

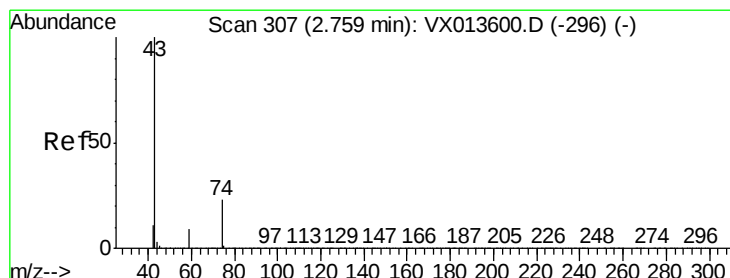
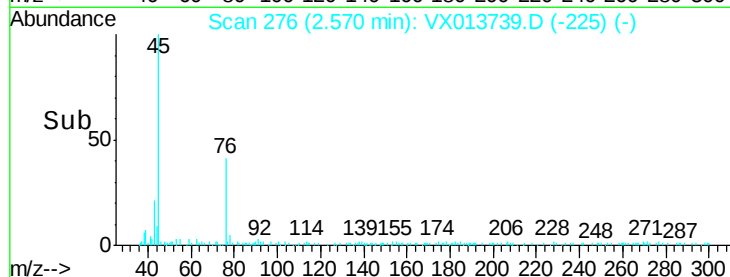
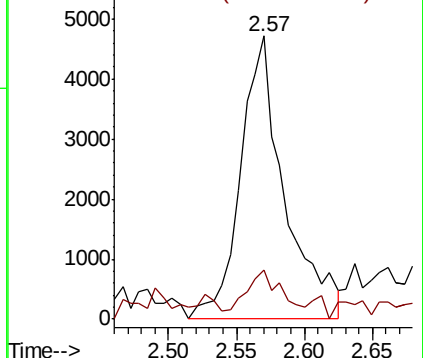
76 100

78 13.3 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 4.603 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013739.D

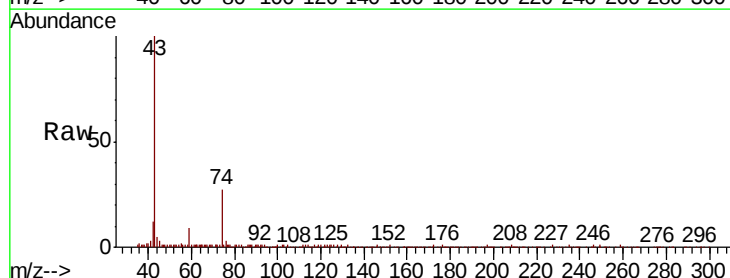
Acq: 03 Dec 2019 20:51

Tgt Ion: 43 Resp: 54906

Ion Ratio Lower Upper

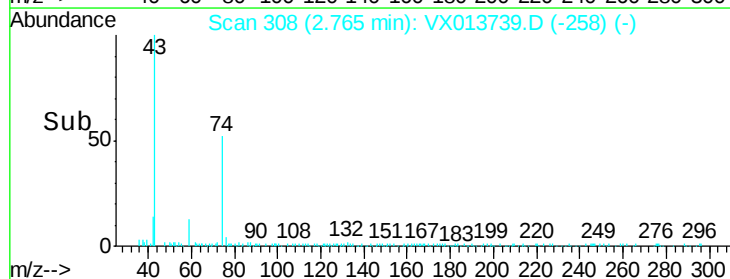
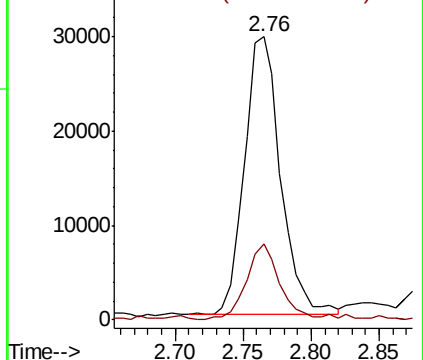
43 100

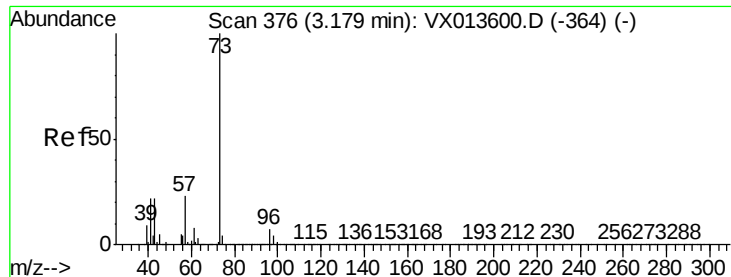
74 25.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



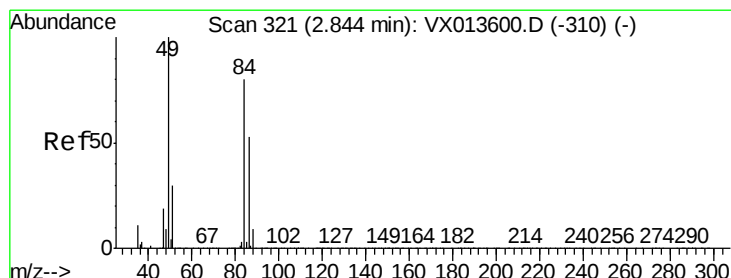
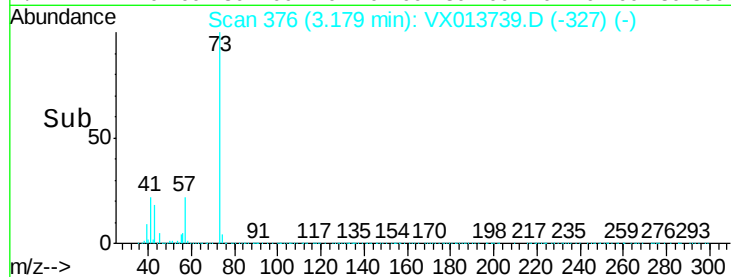
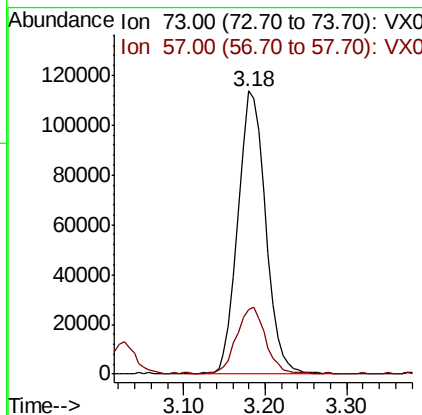
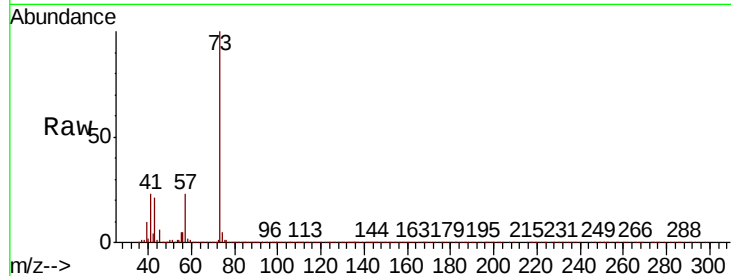


#19

Methyl tert-butyl Ether
 Concen: 11.354 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013739.D
 Acq: 03 Dec 2019 20:51

Instrument :
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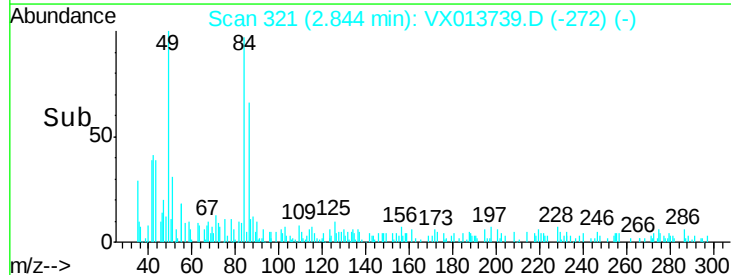
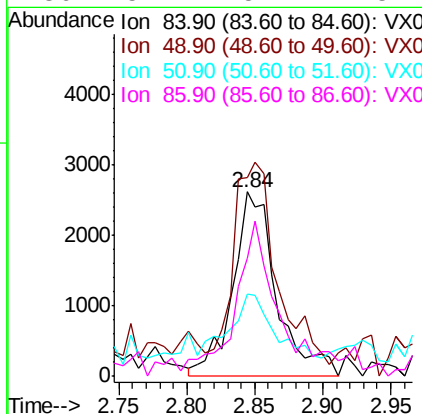
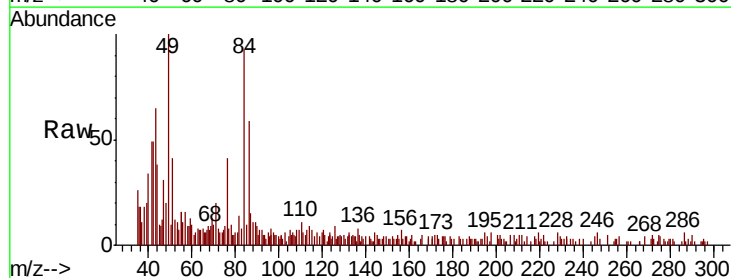
Tot Ion: 73 Resp: 267572
 Ion Ratio Lower Upper
 73 100
 57 22.4 18.3 27.5

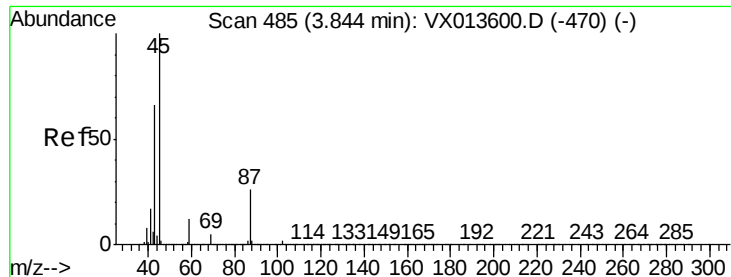


#20

Methylene Chloride
 Concen: 0.712 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013739.D
 Acq: 03 Dec 2019 20:51

Tgt Ion: 84 Resp: 5859
 Ion Ratio Lower Upper
 84 100
 49 99.2 99.7 149.5#
 51 31.0 29.9 44.9
 86 57.4 52.2 78.4





#22

Diisopropyl ether

Concen: 3.632 ug/l

RT: 3.78 min Scan# 474

Delta R.T. -0.07 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

30738

Tot Ion: 45 Resp: 90278

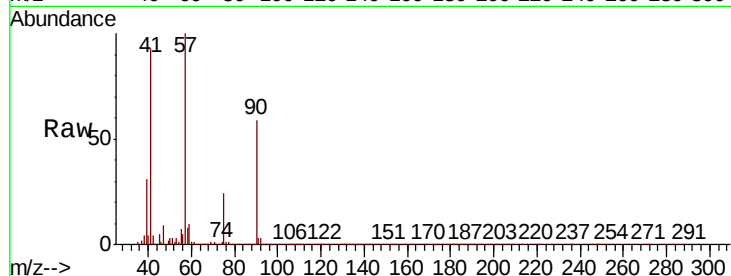
Ion Ratio Lower Upper

45 100

43 6.4 52.6 79.0#

87 0.8 21.1 31.7#

59 196.9 9.2 13.8#

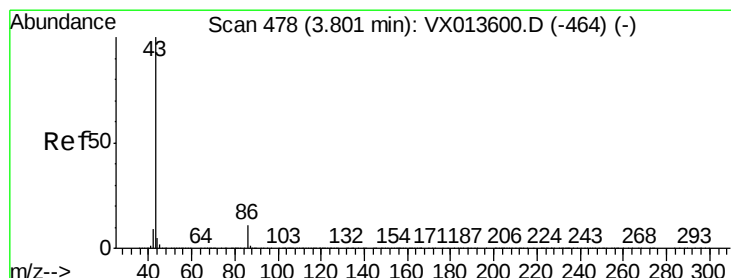
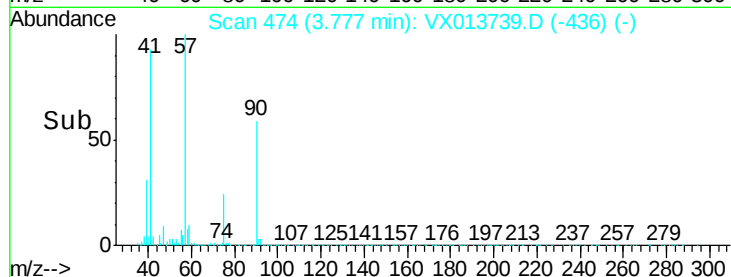
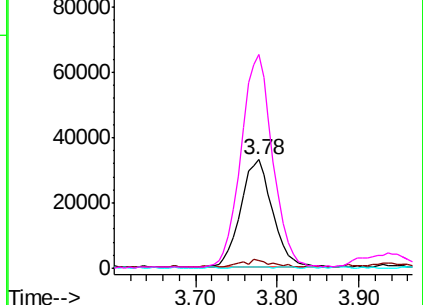


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 0.303 ug/l

RT: 3.77 min Scan# 473

Delta R.T. -0.03 min

Lab File: VX013739.D

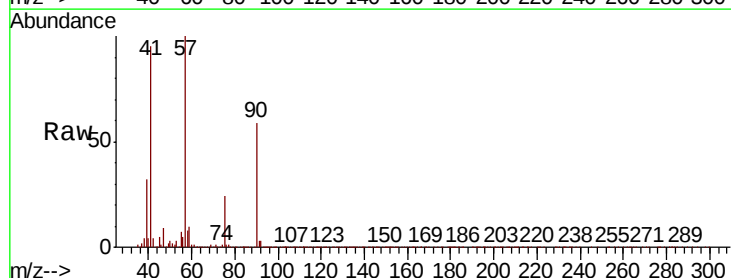
Acq: 03 Dec 2019 20:51

Tgt Ion: 43 Resp: 6276

Ion Ratio Lower Upper

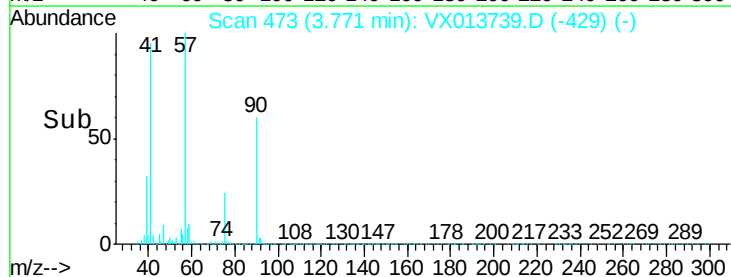
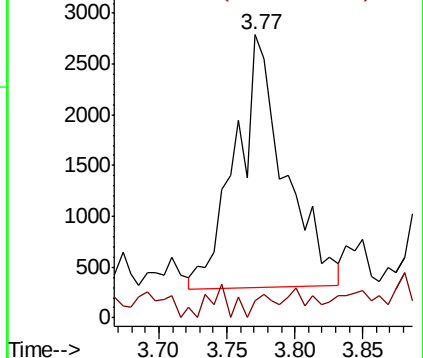
43 100

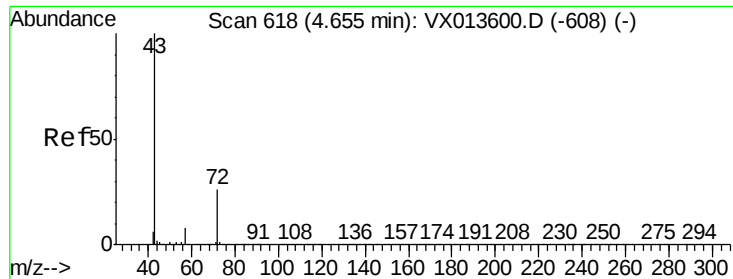
86 2.9 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

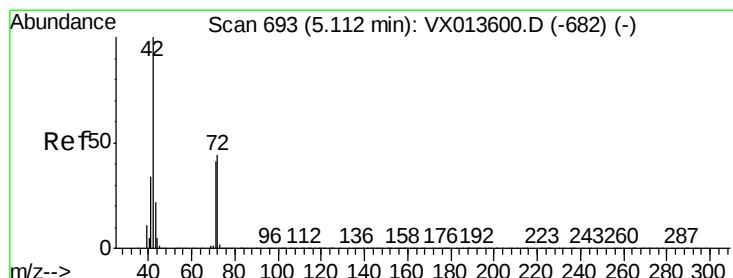
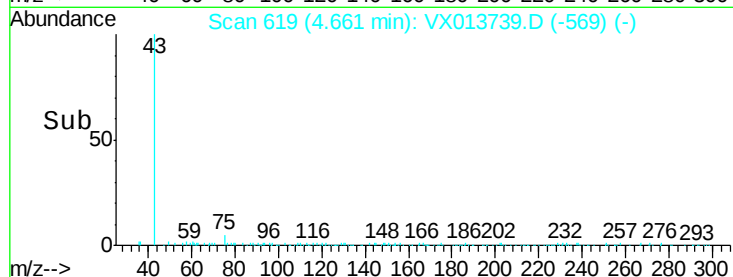
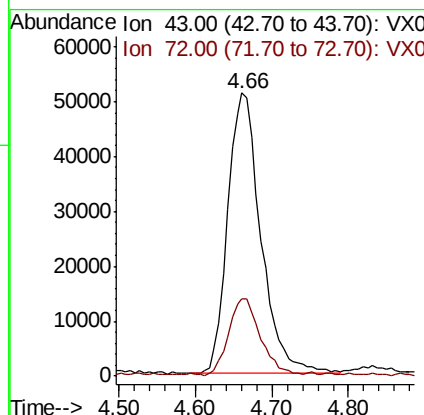
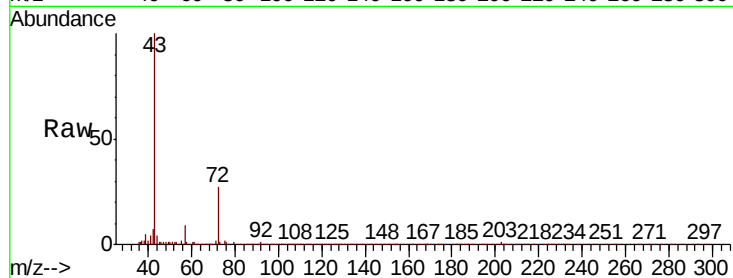




#25
2-Butanone
Concen: 23.972 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

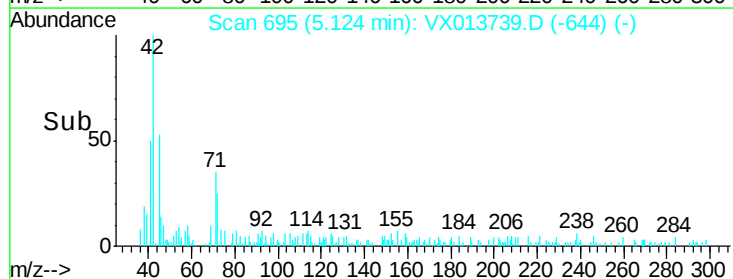
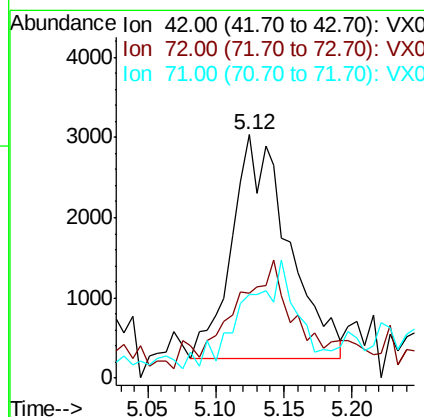
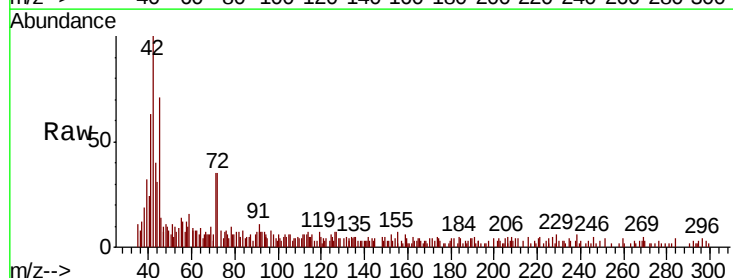
Instrument :
MSVOA_X
ClientSampleId :
30738

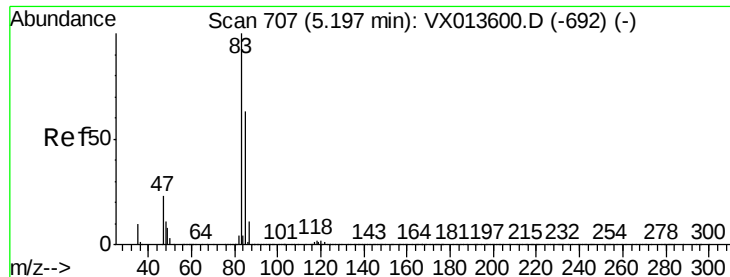
Tot Ion: 43 Resp: 152629
Ion Ratio Lower Upper
43 100
72 26.7 20.6 31.0



#29
Tetrahydrofuran
Concen: 2.057 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

Tgt Ion: 42 Resp: 8072
Ion Ratio Lower Upper
42 100
72 0.0 36.3 54.5#
71 0.0 33.2 49.8#

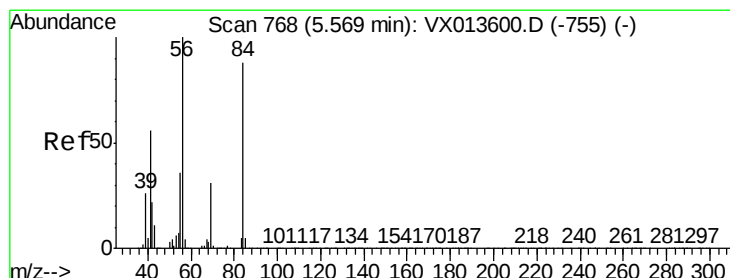
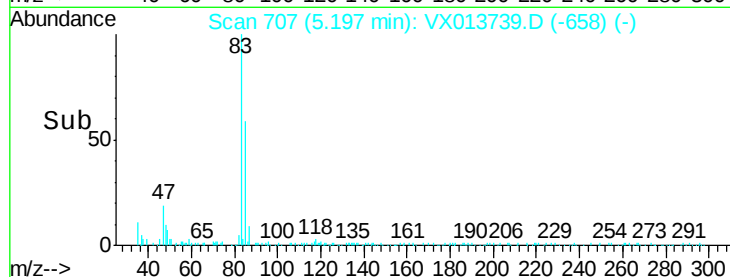
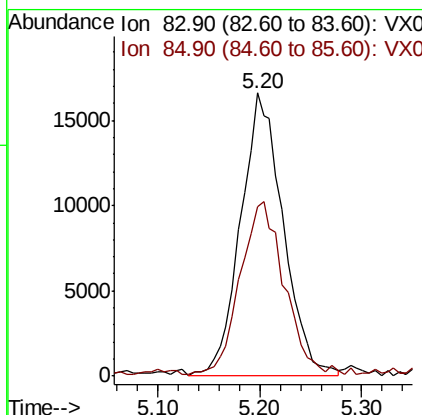
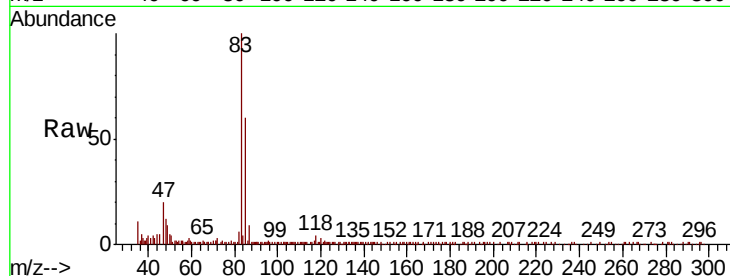




#30
Chloroform
Concen: 3.501 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

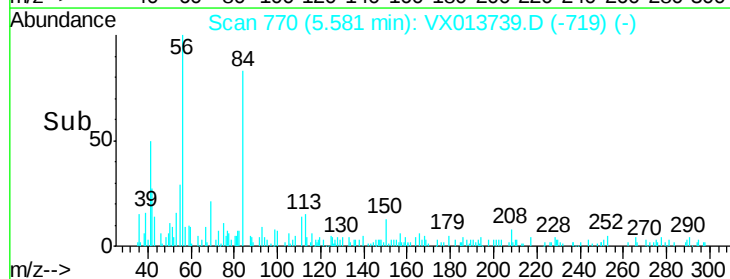
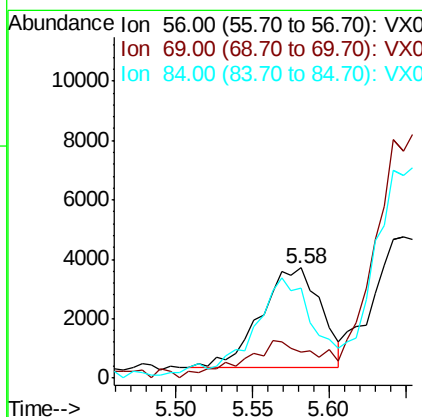
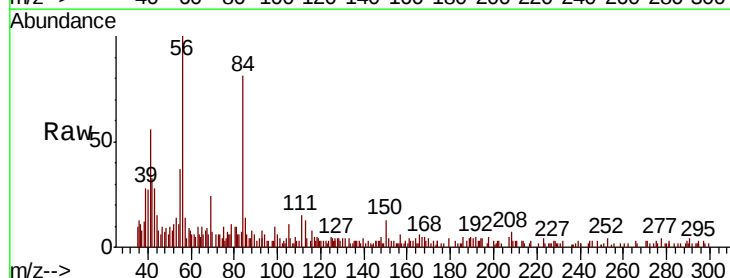
Instrument :
MSVOA_X
ClientSampleId :
30738

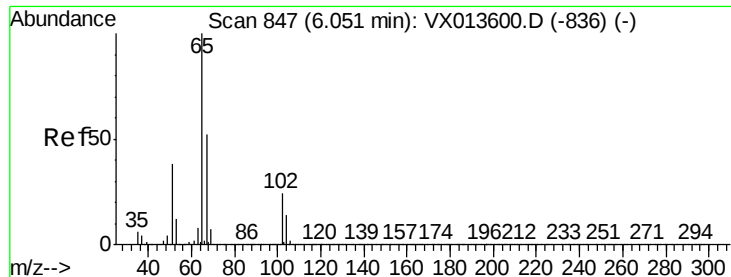
Tot Ion: 83 Resp: 48256
Ion Ratio Lower Upper
83 100
85 60.0 50.2 75.4



#31
Cyclohexane
Concen: 0.705 ug/l
RT: 5.58 min Scan# 770
Delta R.T. 0.01 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

Tgt Ion: 56 Resp: 9039
Ion Ratio Lower Upper
56 100
69 19.6 24.6 36.8#
84 79.0 70.0 105.0

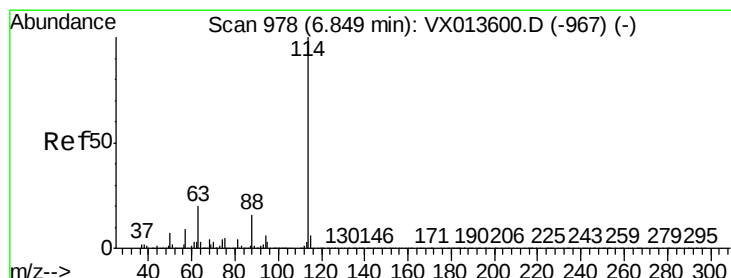
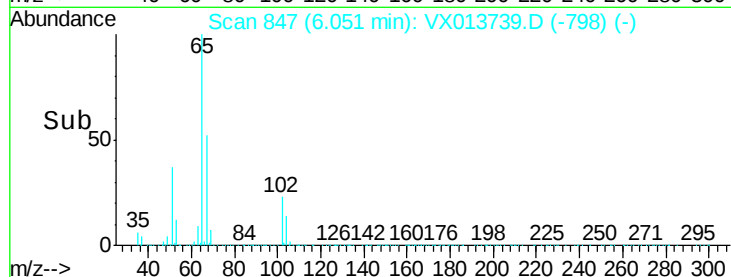
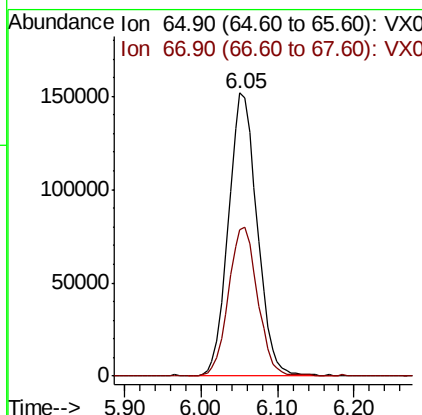
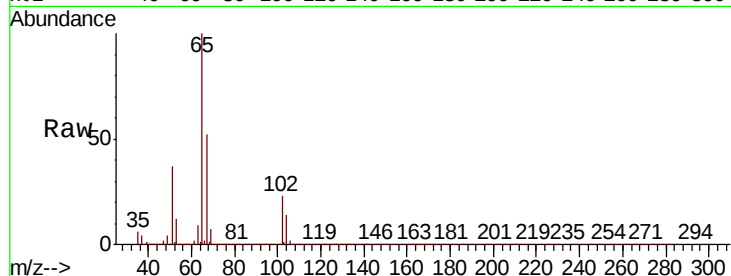




#33
 1,2-Dichloroethane-d4
 Concen: 45.438 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013739.D
 Acq: 03 Dec 2019 20:51

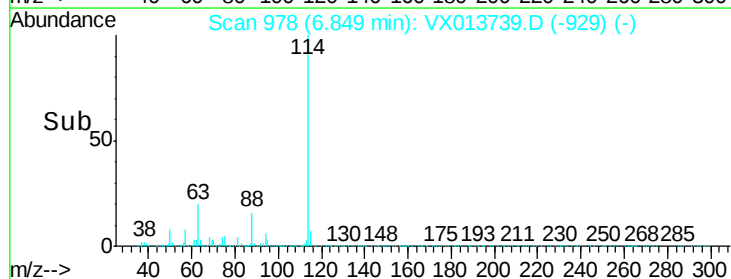
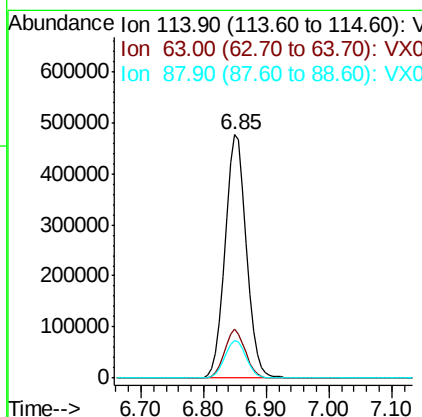
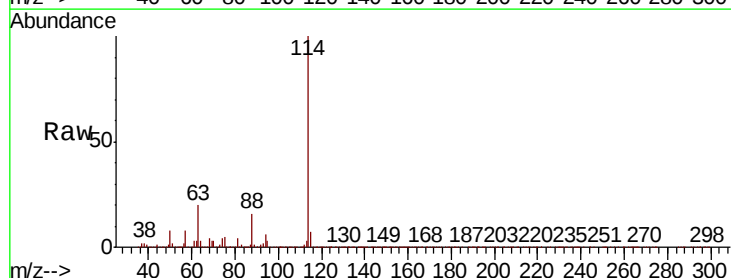
Instrument :
 MSVOA_X
 ClientSampleId :
 30738

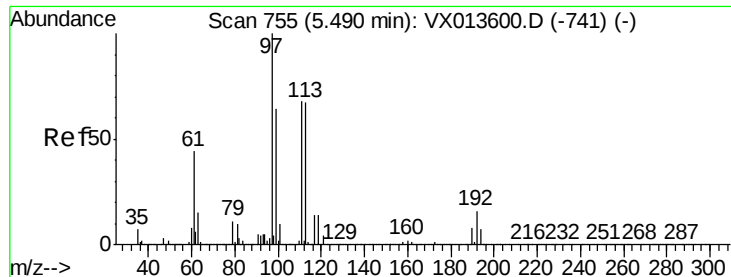
Tot Ion: 65 Resp: 394268
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013739.D
 Acq: 03 Dec 2019 20:51

Tgt Ion: 114 Resp: 1117022
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.914 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

30738

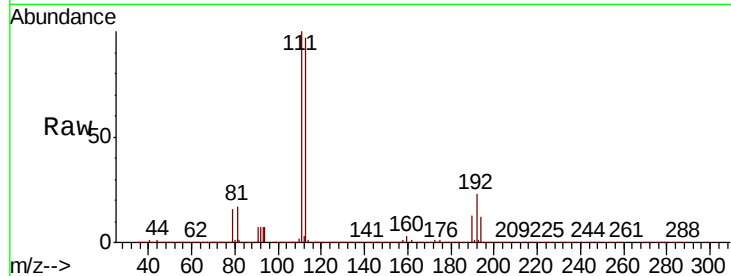
Tot Ion:113 Resp: 337781

Ion Ratio Lower Upper

113 100

111 101.7 83.6 125.4

192 24.2 19.2 28.8



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

150000

100000

50000

0

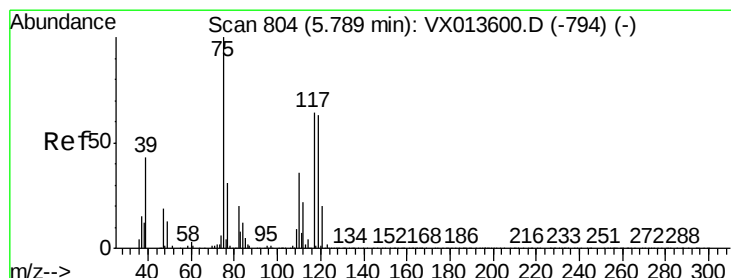
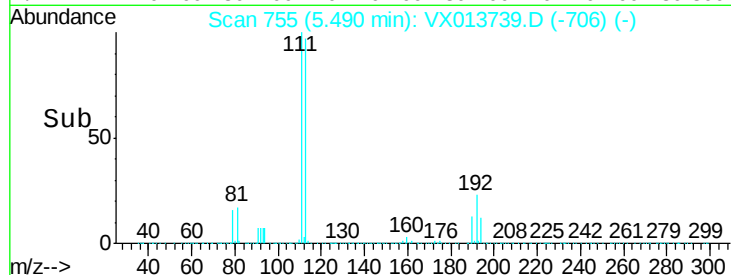
5.49

5.40

5.50

5.60

Time-->



#36

1,1-Dichloropropene

Concen: 4.843 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

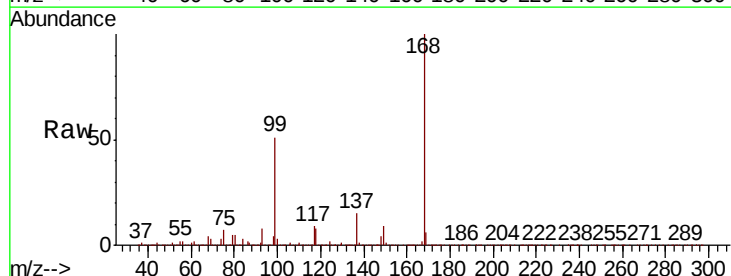
Tgt Ion: 75 Resp: 49110

Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.1#

77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

20000

15000

10000

5000

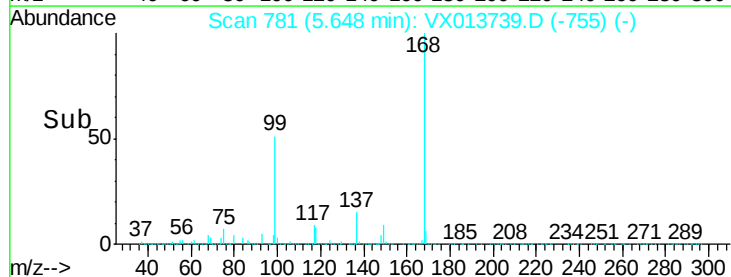
0

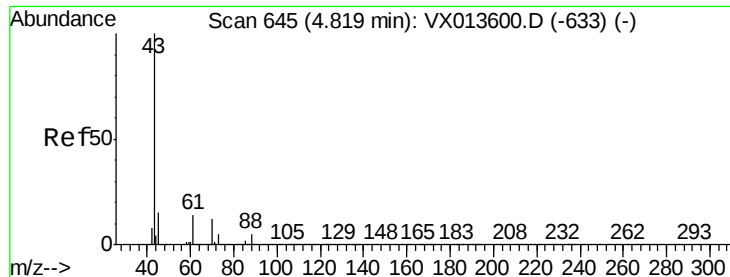
5.65

5.60

5.70

Time-->

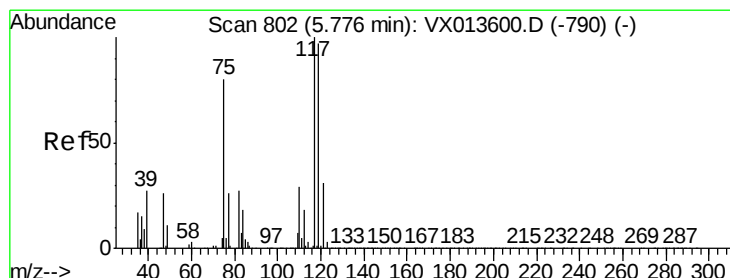
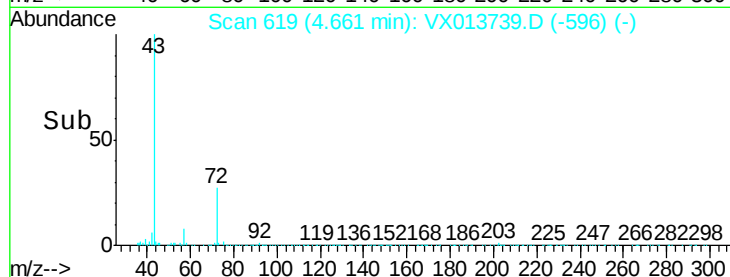
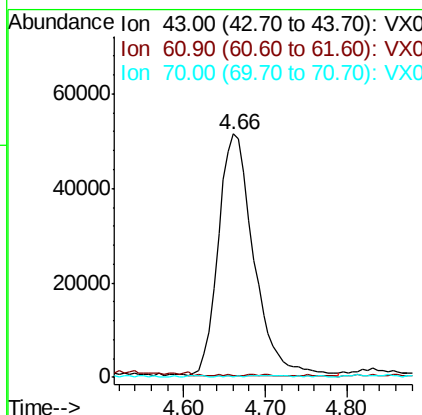
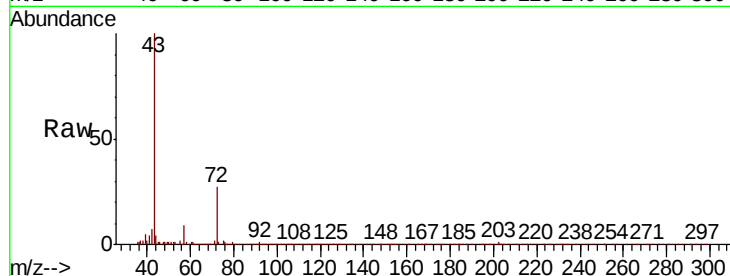




#37
Ethyl Acetate
Concen: 13.490 ug/l
RT: 4.66 min Scan# 619
Delta R.T. -0.16 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

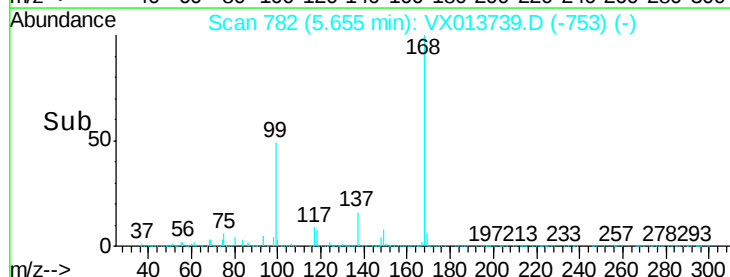
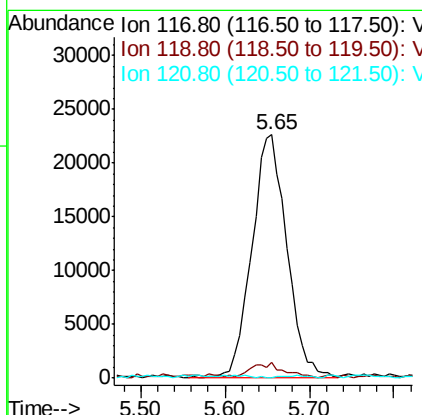
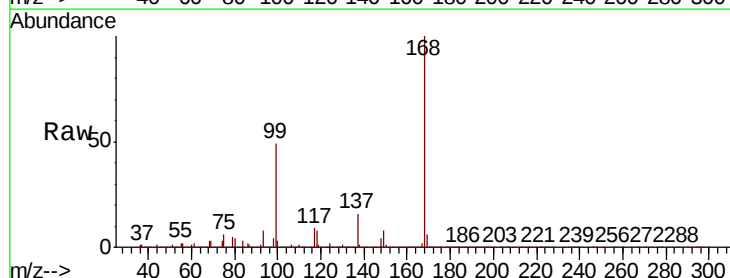
Instrument :
MSVOA_X
ClientSampleId :
30738

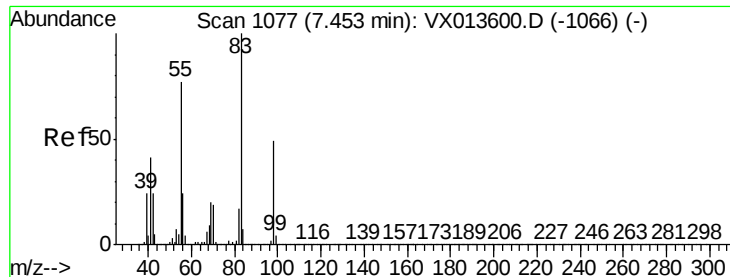
Tot Ion: 43 Resp: 153450
Ion Ratio Lower Upper
43 100
61 0.2 11.0 16.4#
70 0.2 8.6 12.8#



#38
Carbon Tetrachloride
Concen: 6.902 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

Tgt Ion: 117 Resp: 64532
Ion Ratio Lower Upper
117 100
119 6.5 77.5 116.3#
121 0.0 25.0 37.6#

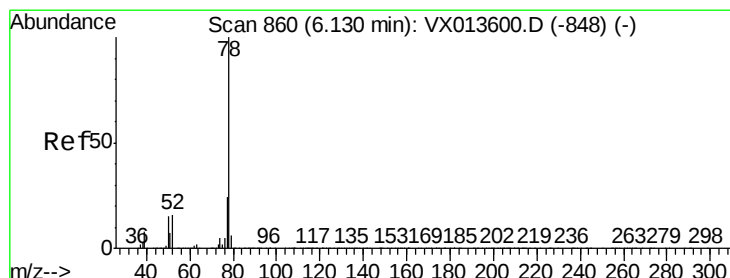
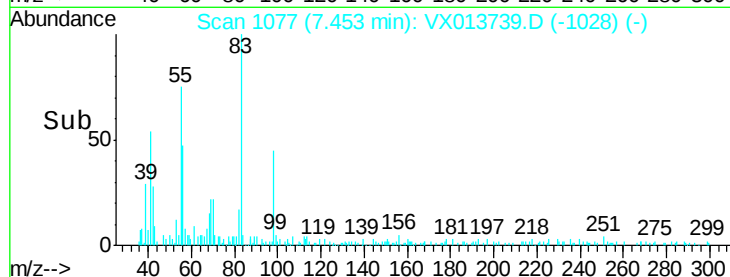
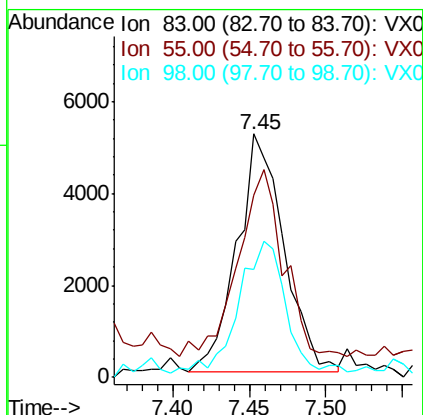
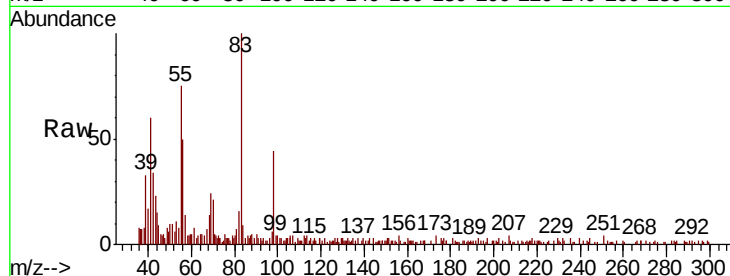




#39
Methvlcvclohexane
Concen: 0.873 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

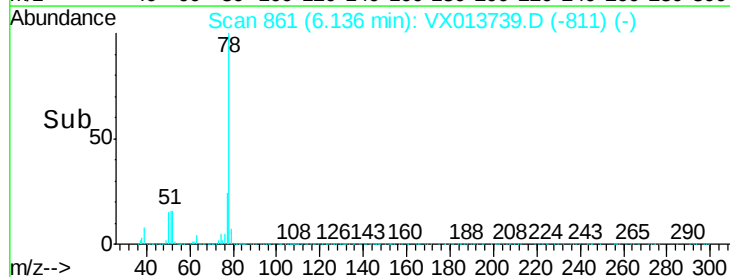
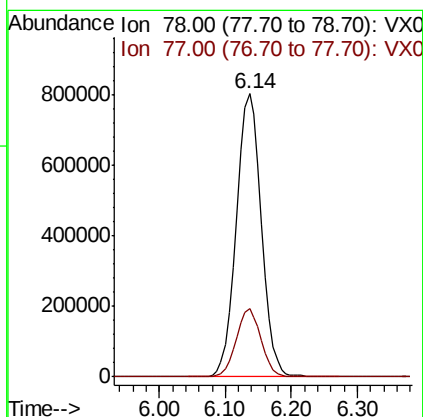
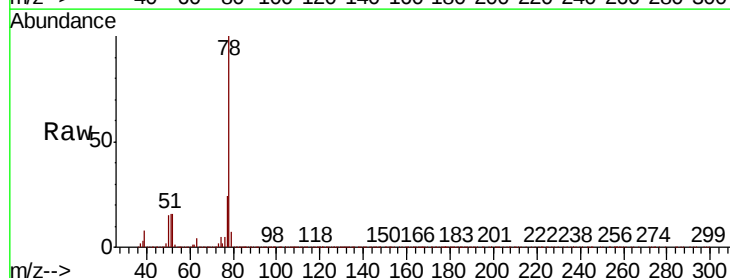
Instrument :
MSVOA_X
ClientSampleId :
30738

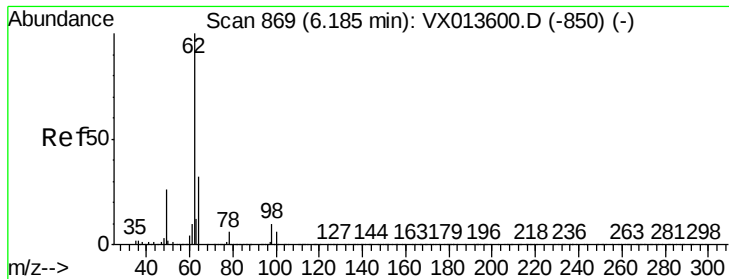
Tot Ion	83.00	Resp	10936
Ion	Ratio	Lower	Upper
83	100		
55	66.5	61.9	92.9
98	42.0	39.4	59.0



#40
Benzene
Concen: 68.124 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

Tgt Ion	78.00	Resp	2103816
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





#42

1,2-Dichloroethane

Concen: 2.026 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.05 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

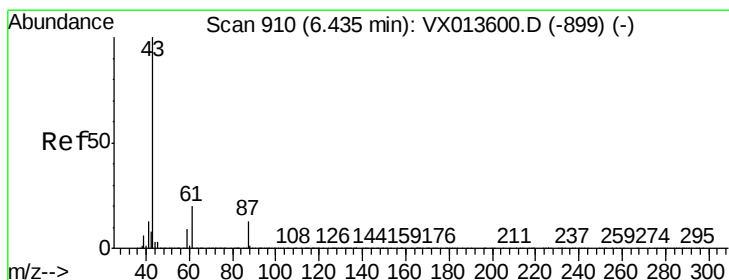
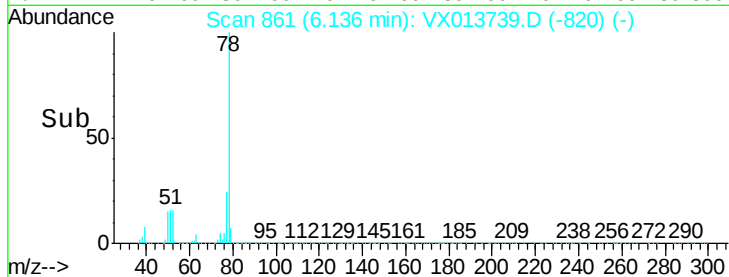
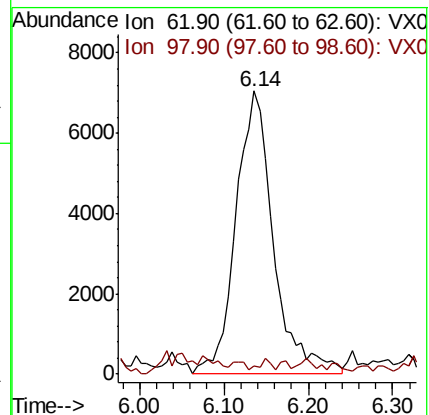
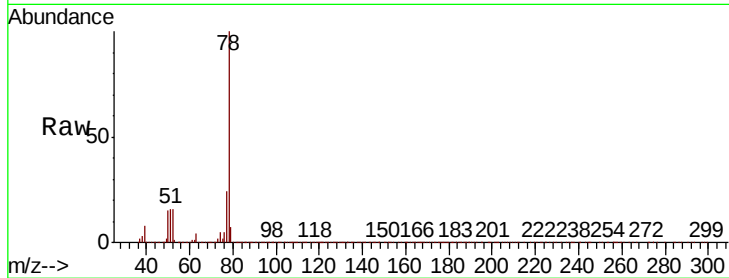
30738

Tot Ion: 62 Resp: 21343

Ion Ratio Lower Upper

62 100

98 1.2 0.0 20.8



#43

Isopropyl Acetate

Concen: 1.903 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

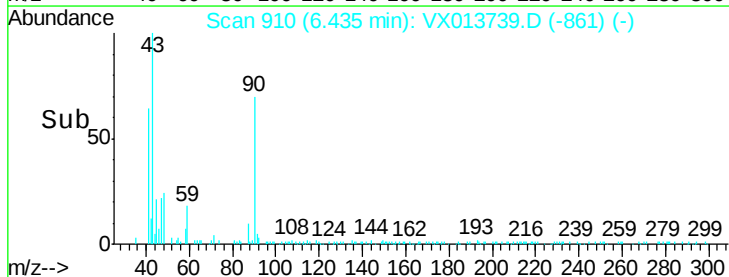
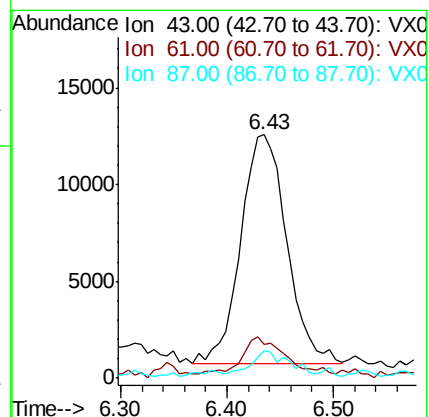
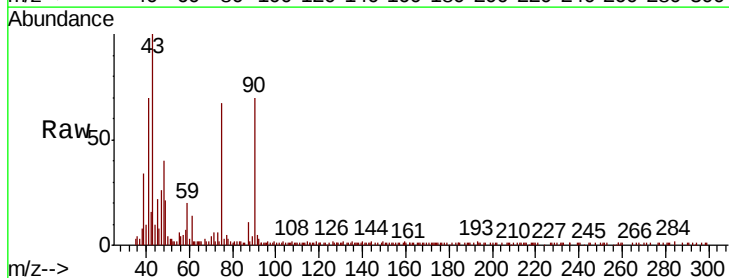
Tgt Ion: 43 Resp: 35641

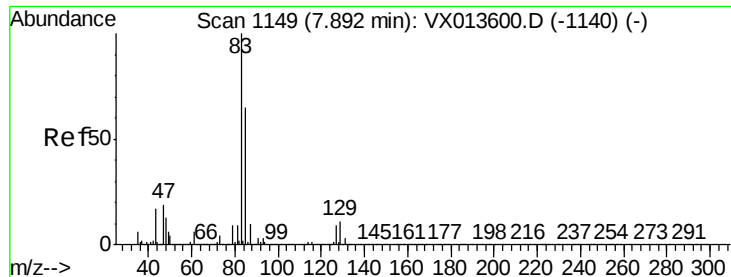
Ion Ratio Lower Upper

43 100

61 17.3 16.3 24.5

87 8.4 10.8 16.2#





#47

Bromodichloromethane

Concen: 0.563 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

30738

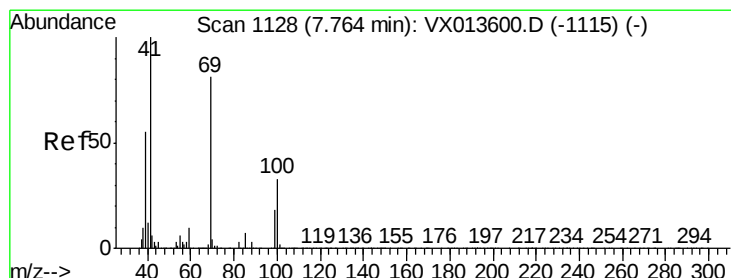
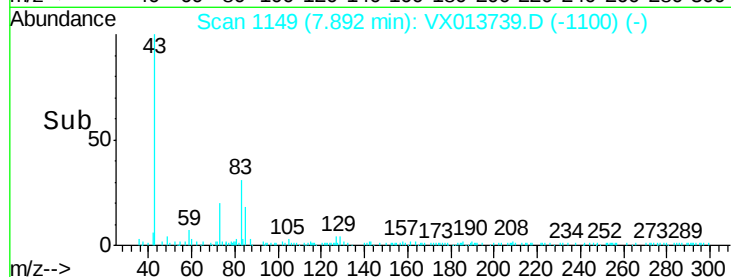
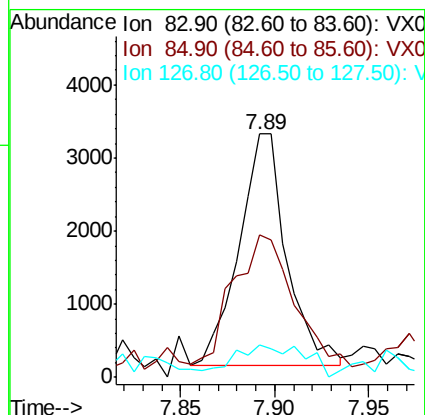
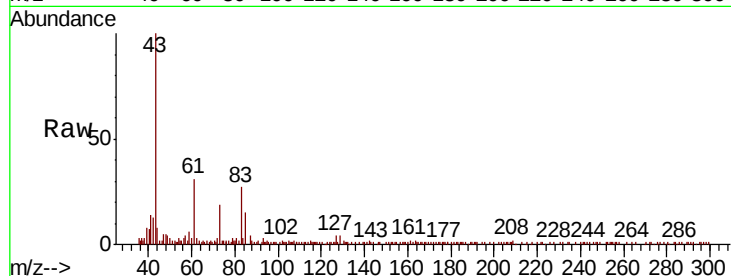
Tot Ion: 83 Resp: 5587

Ion Ratio Lower Upper

83 100

85 55.8 52.1 78.1

127 11.3 7.0 10.4#



#48

Methyl methacrylate

Concen: 1.750 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

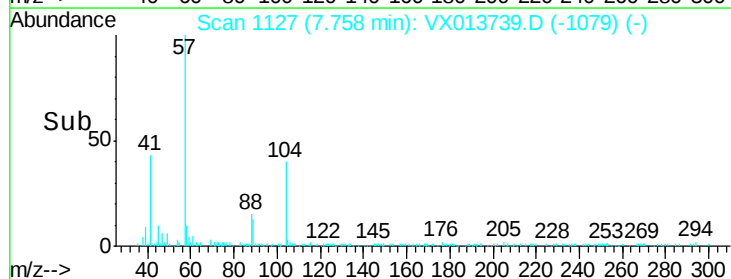
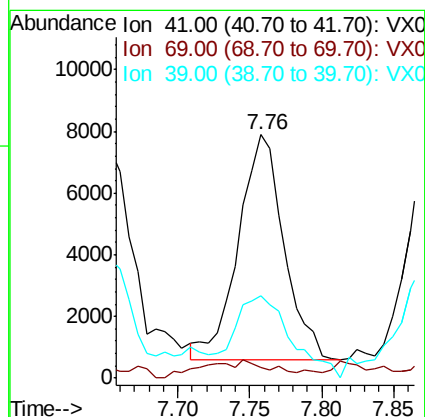
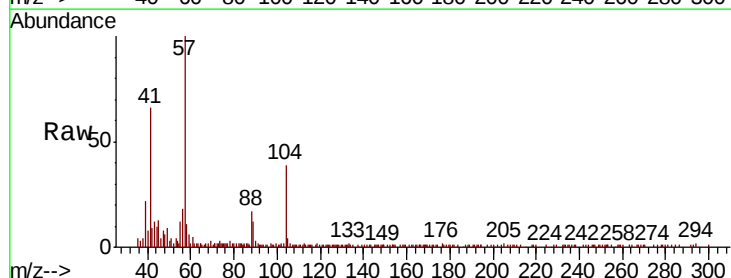
Tgt Ion: 41 Resp: 15925

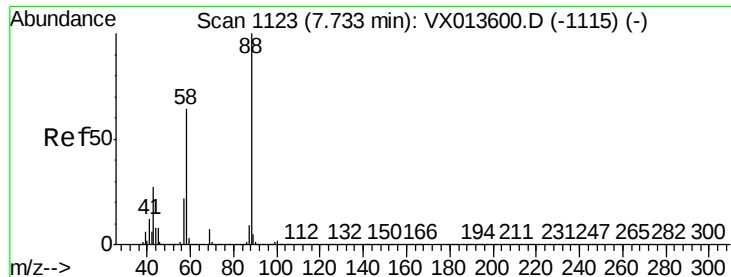
Ion Ratio Lower Upper

41 100

69 0.0 64.7 97.1#

39 46.5 43.8 65.6





#49

1,4-Dioxane

Concen: 41.031 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

30738

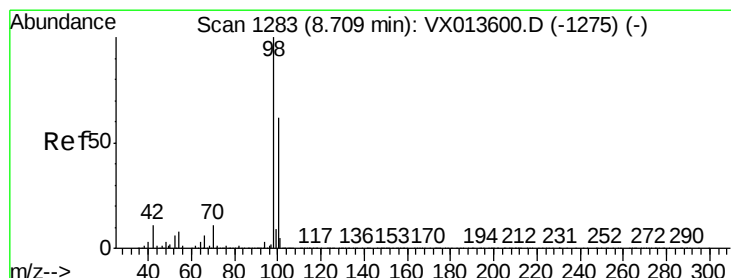
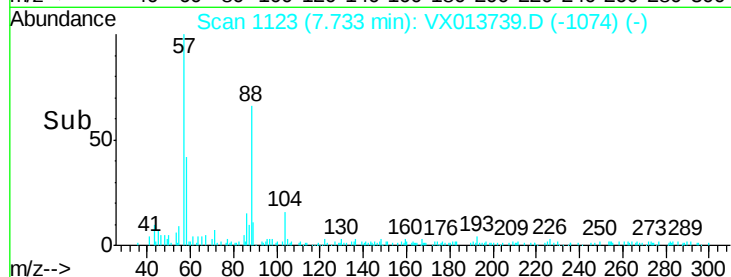
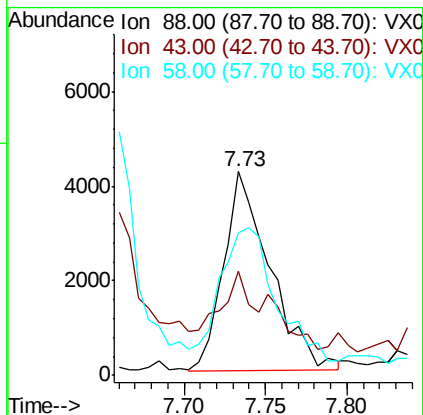
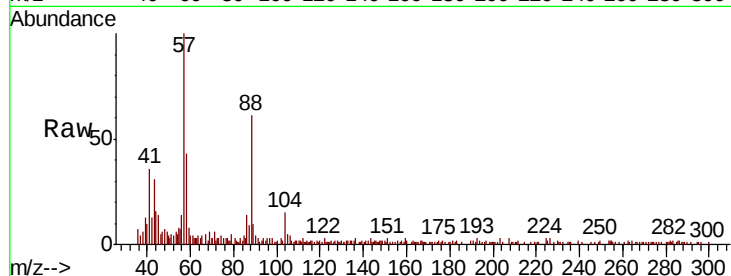
Tot Ion: 88 Resp: 8357

Ion Ratio Lower Upper

88 100

43 0.0 25.8 38.6#

58 98.9 54.6 82.0#



#50

Toluene-d8

Concen: 49.479 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013739.D

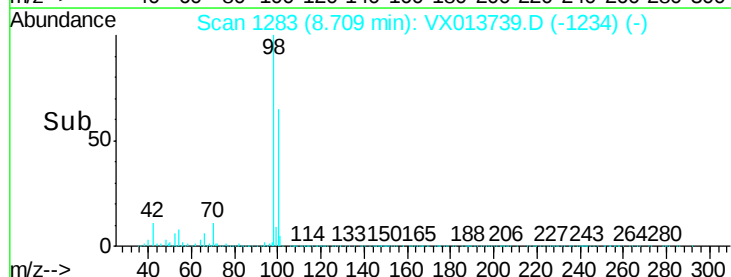
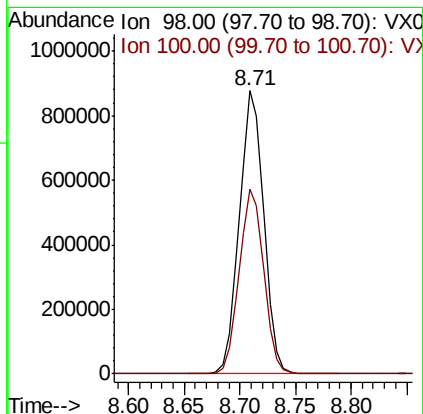
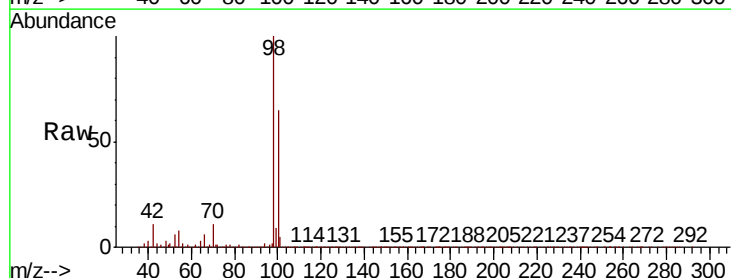
Acq: 03 Dec 2019 20:51

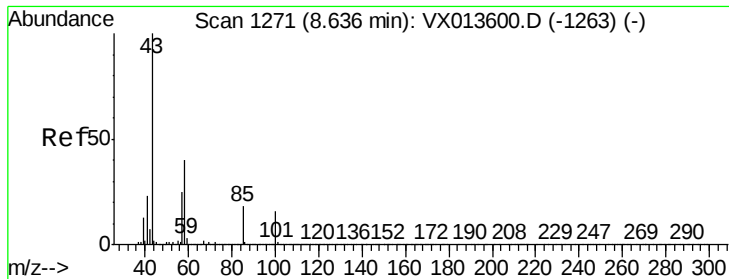
Tgt Ion: 98 Resp: 1331239

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 2.053 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

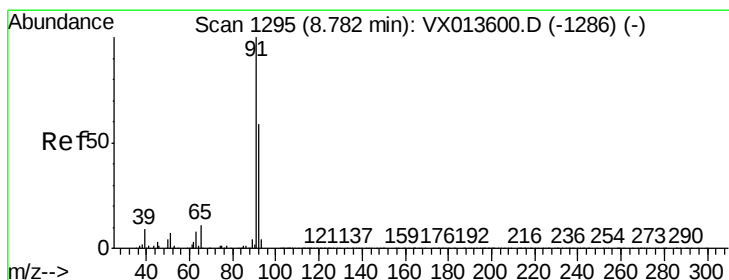
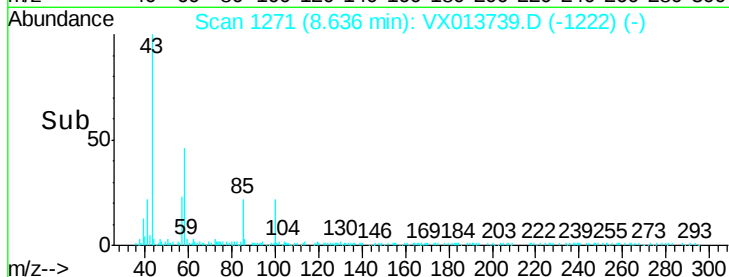
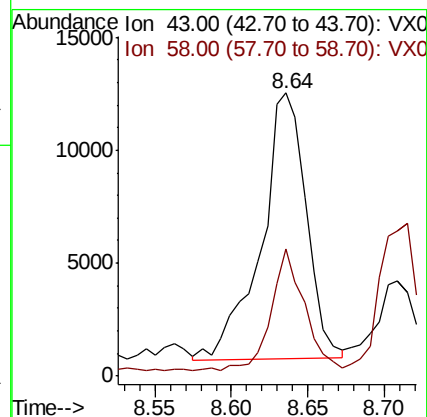
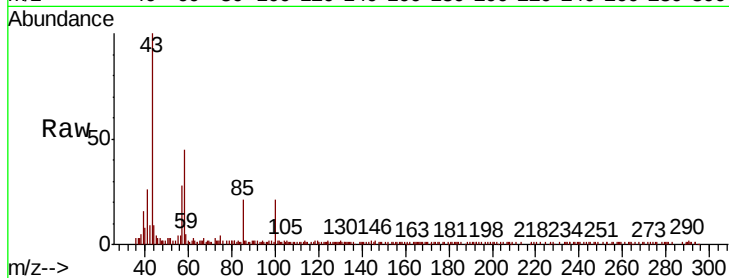
ClientSampleId :
30738

Tot Ion: 43 Resp: 24188

Ion Ratio Lower Upper

43 100

58 33.6 32.1 48.1



#52

Toluene

Concen: 120.750 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013739.D

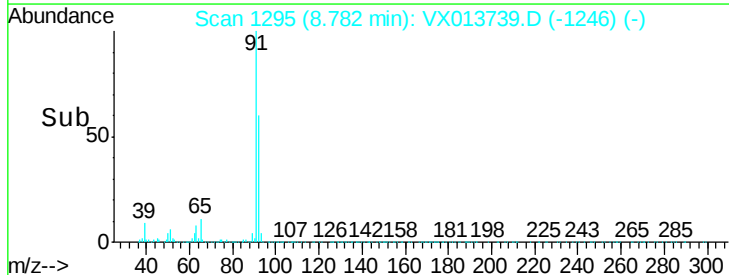
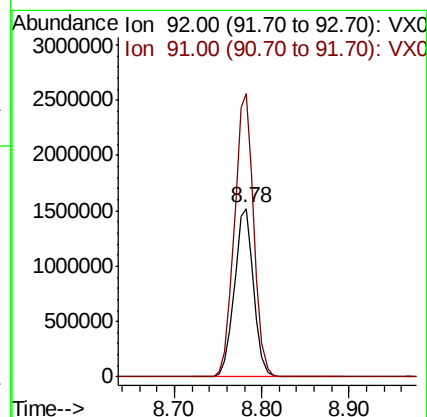
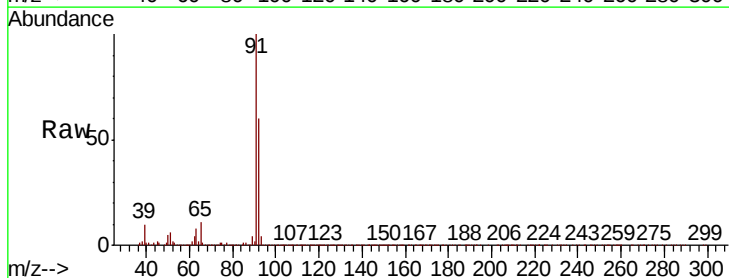
Acq: 03 Dec 2019 20:51

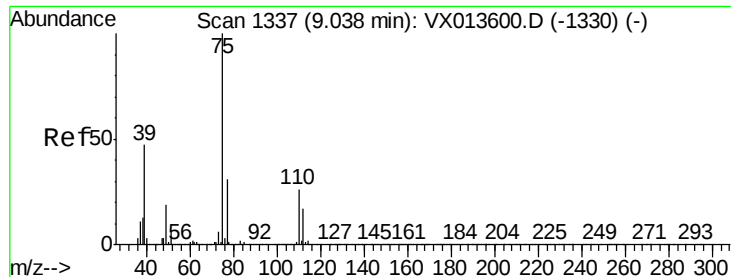
Tgt Ion: 92 Resp: 2316626

Ion Ratio Lower Upper

92 100

91 169.8 136.2 204.2

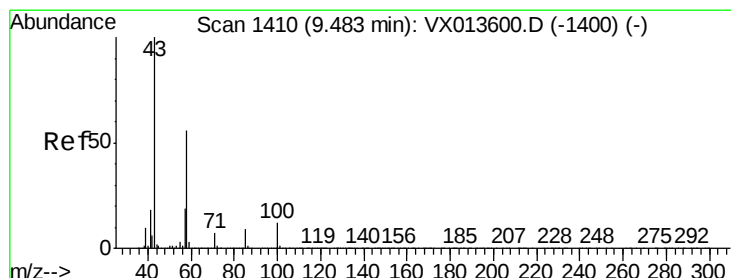
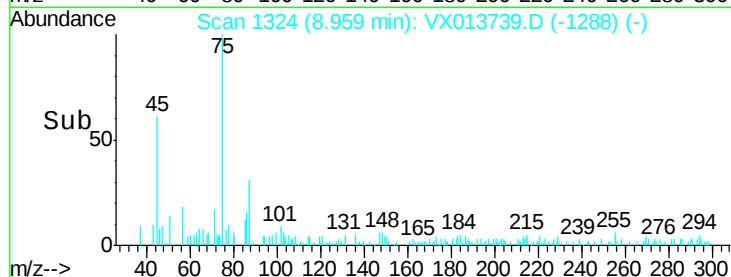
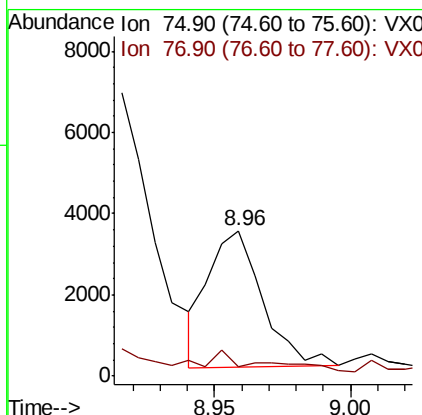
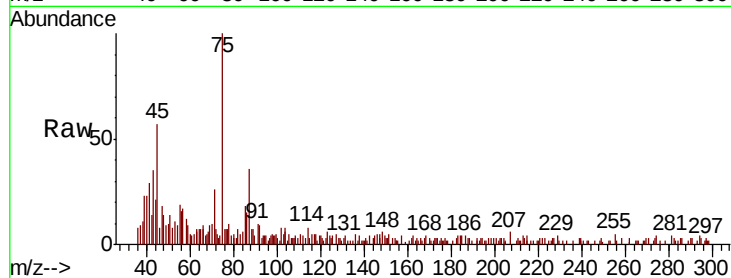




#53
t-1,3-Dichloropropene
Concen: 0.414 ug/l
RT: 8.96 min Scan# 1324
Delta R.T. -0.08 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

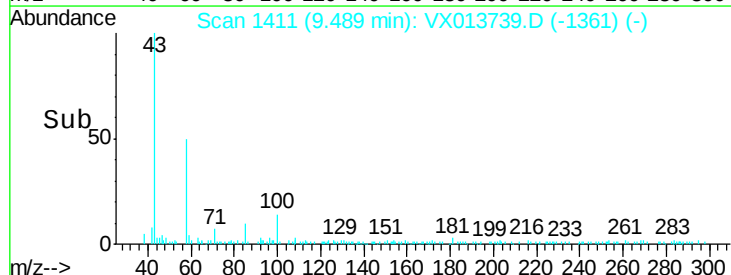
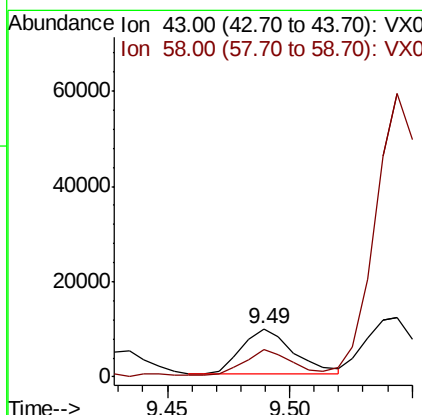
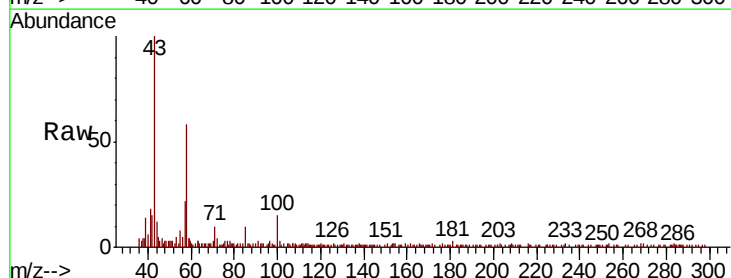
Instrument :
MSVOA_X
ClientSampleId :
30738

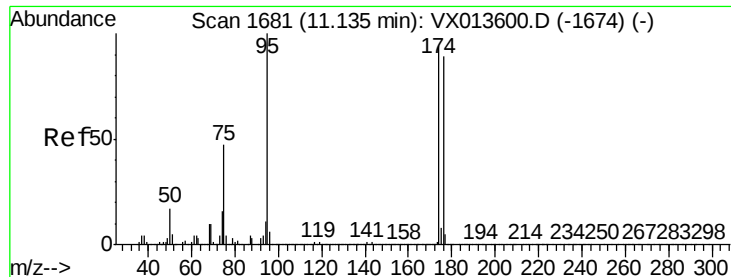
Tot Ion: 75 Resp: 4670
Ion Ratio Lower Upper
75 100
77 2.8 24.4 36.6#



#59
2-Hexanone
Concen: 1.501 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

Tgt Ion: 43 Resp: 13791
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.4





#62

4-Bromofluorobenzene

Concen: 48.701 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :
30738

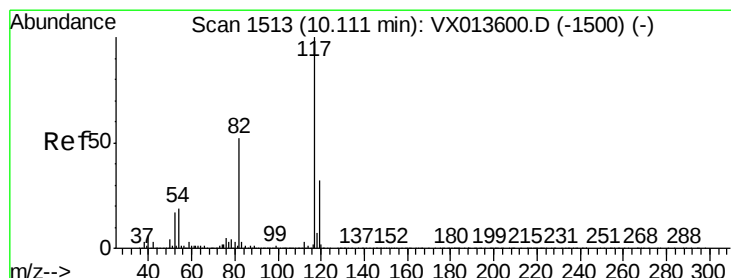
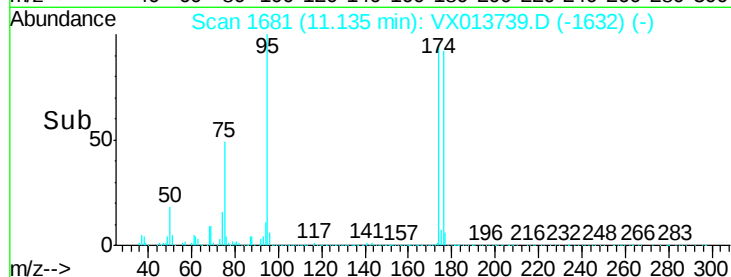
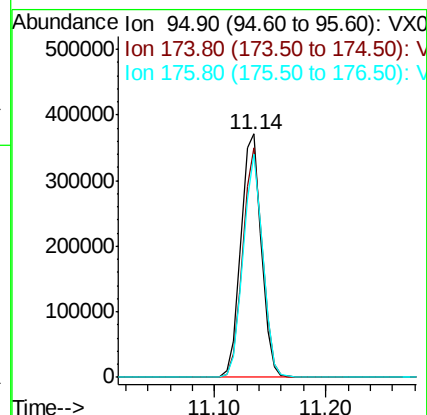
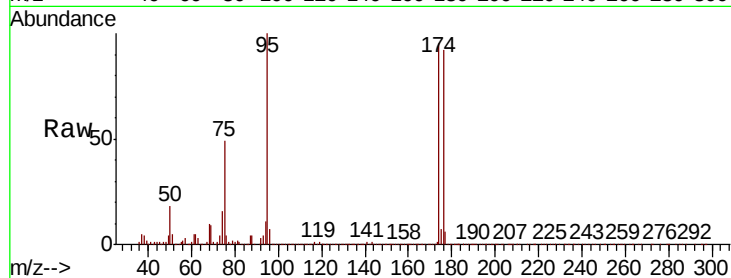
Tot Ion: 95 Resp: 472499

Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	180.0
176	88.0	0.0	173.6

95 100

174 90.6 0.0 180.0

176 88.0 0.0 173.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

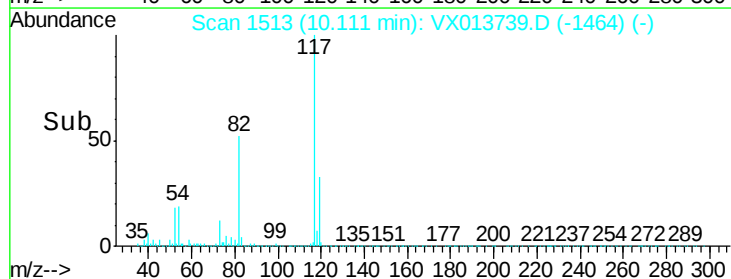
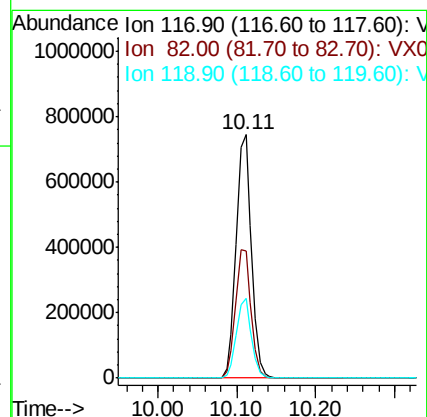
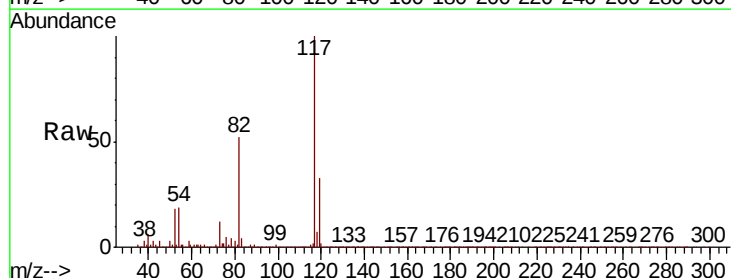
Tgt Ion: 117 Resp: 1005464

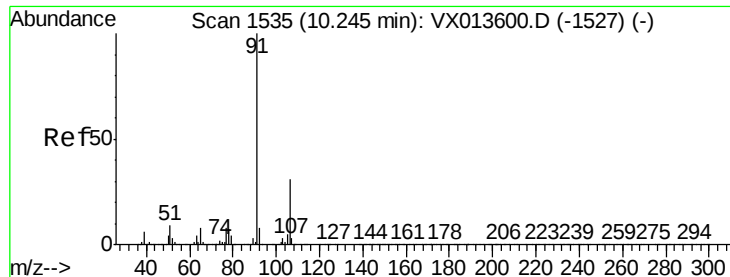
Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.8	62.8
119	32.9	25.8	38.8

117 100

82 52.0 41.8 62.8

119 32.9 25.8 38.8





#67

Ethyl Benzene

Concen: 5.854 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

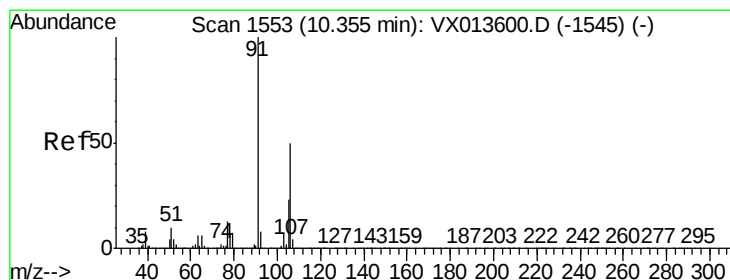
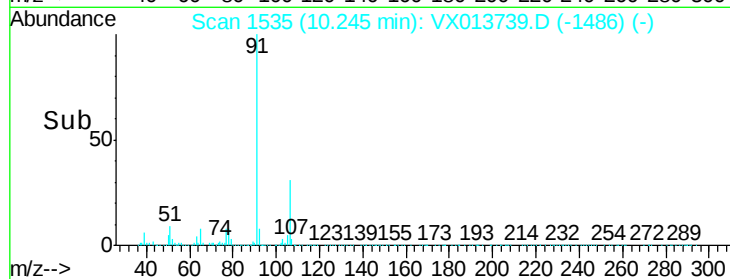
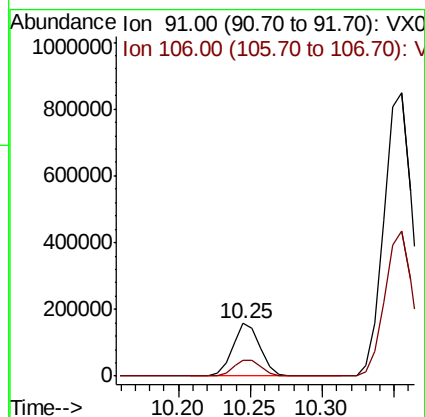
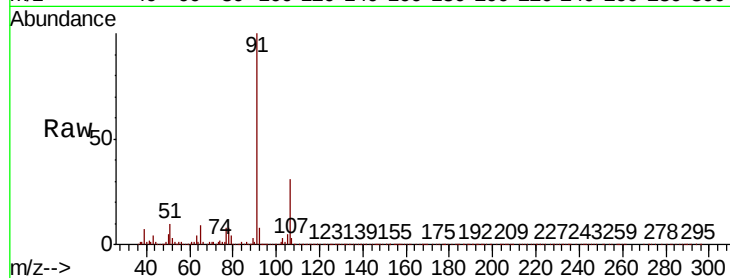
ClientSampled :
30738

Tot Ion: 91 Resp: 209995

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 42.214 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013739.D

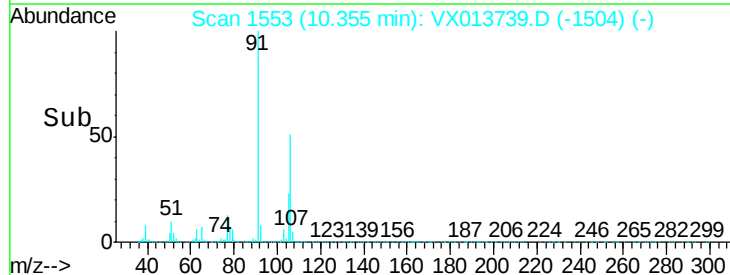
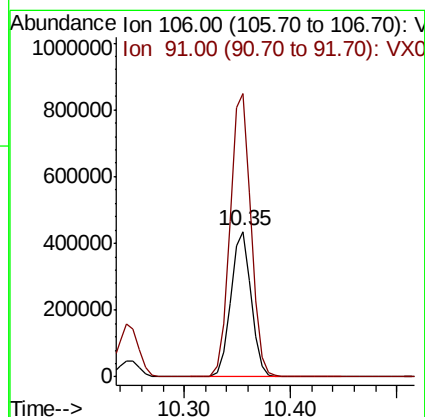
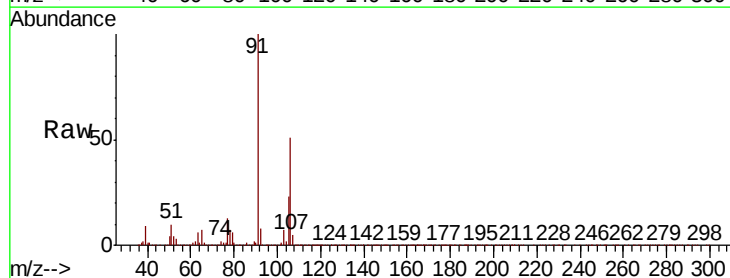
Acq: 03 Dec 2019 20:51

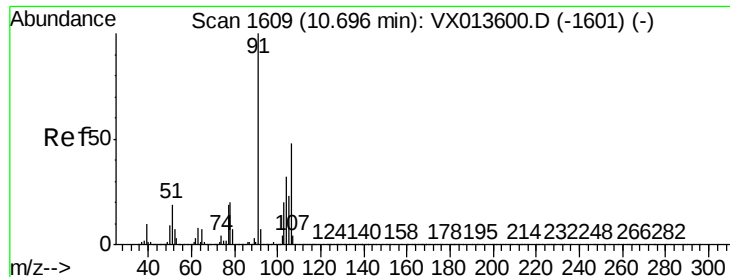
Tgt Ion: 106 Resp: 579768

Ion Ratio Lower Upper

106 100

91 200.0 159.0 238.4

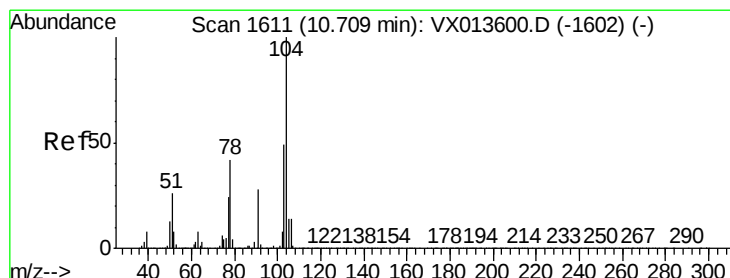
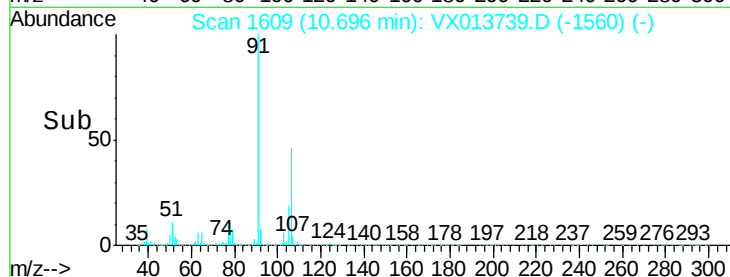
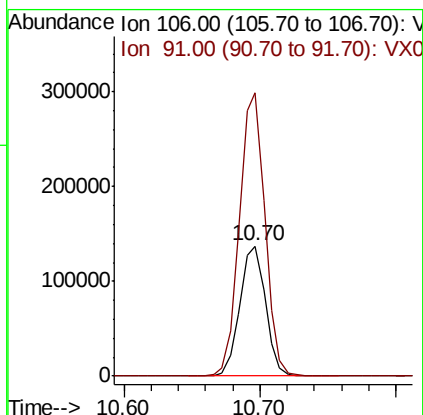
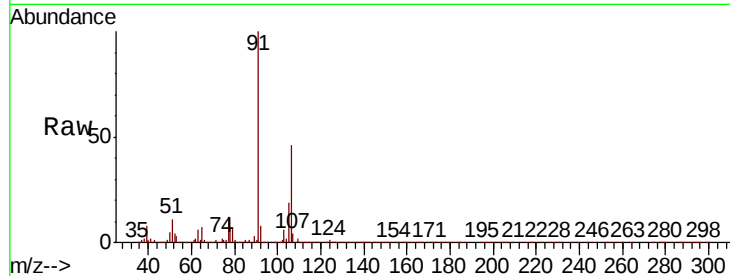




#69
o-Xylene
Concen: 13.482 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

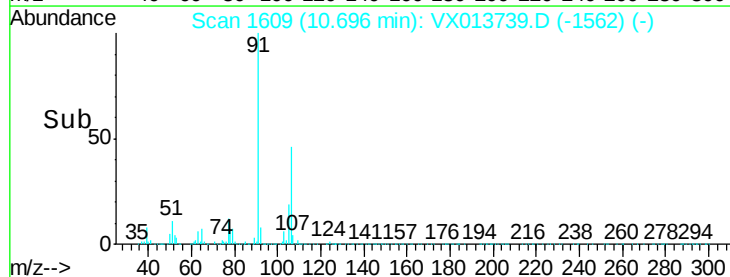
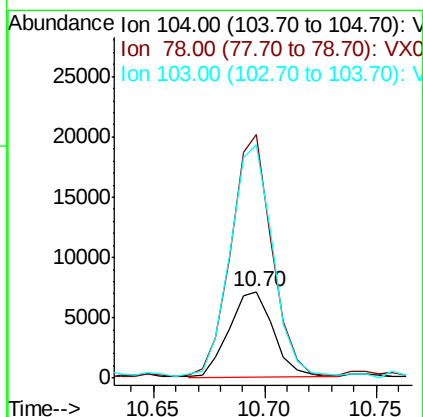
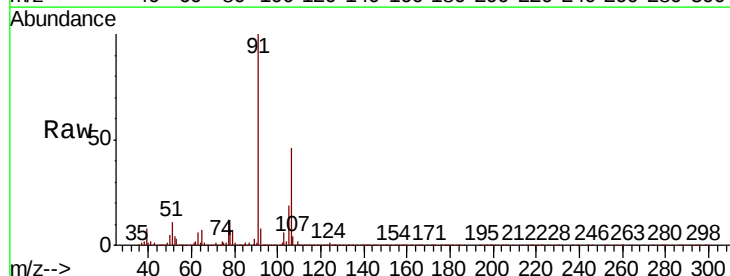
Instrument :
MSVOA_X
ClientSampleId :
30738

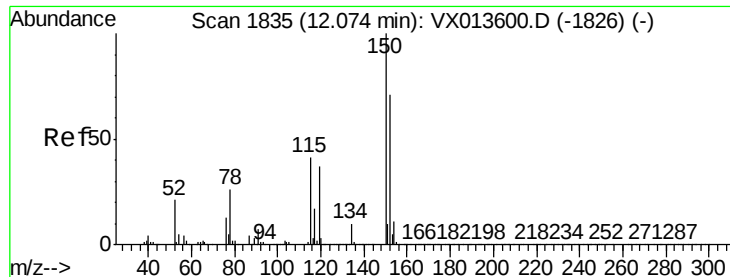
Tot Ion:106 Resp: 180581
Ion Ratio Lower Upper
106 100
91 215.2 104.1 312.2



#70
Styrene
Concen: 0.437 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

Tgt Ion:104 Resp: 9855
Ion Ratio Lower Upper
104 100
78 258.3 38.5 57.7#
103 266.6 43.7 65.5#



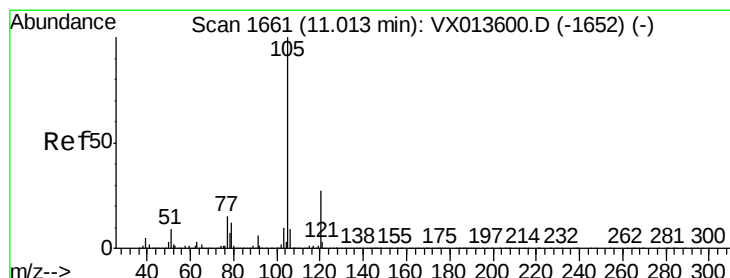
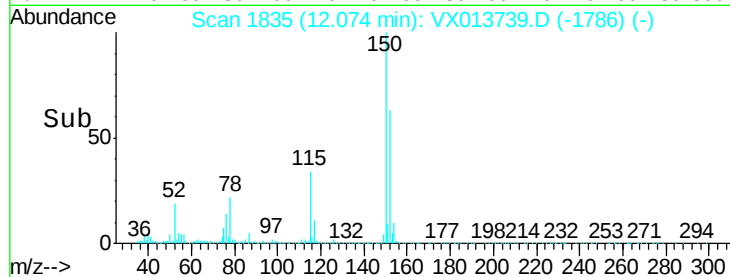
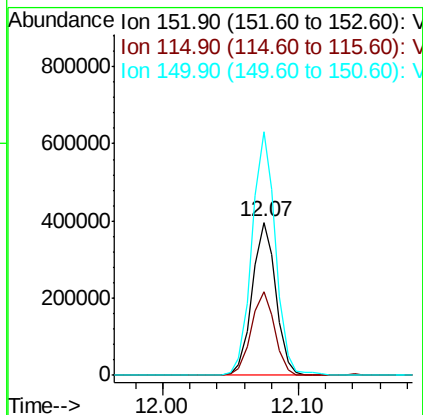
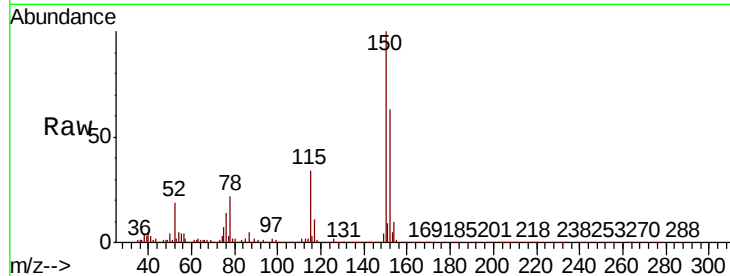


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
30738

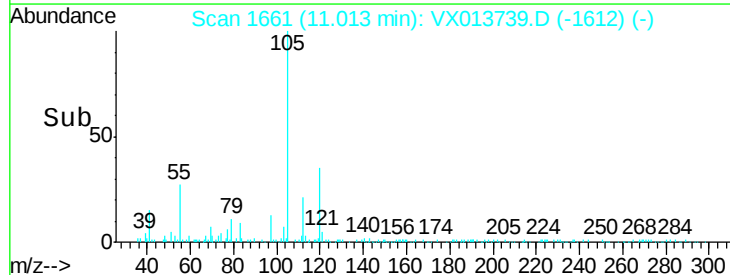
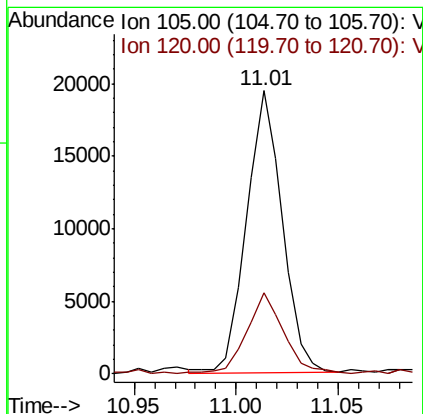
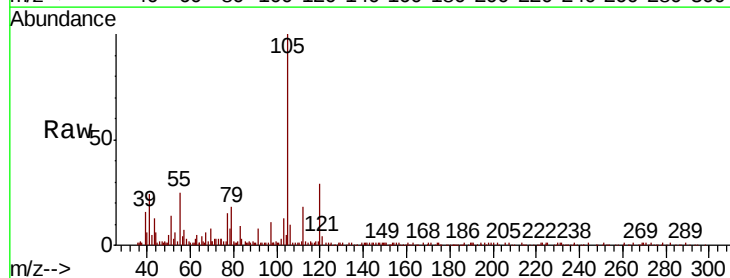
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.3	38.4	115.1
150	159.2	0.0	346.8

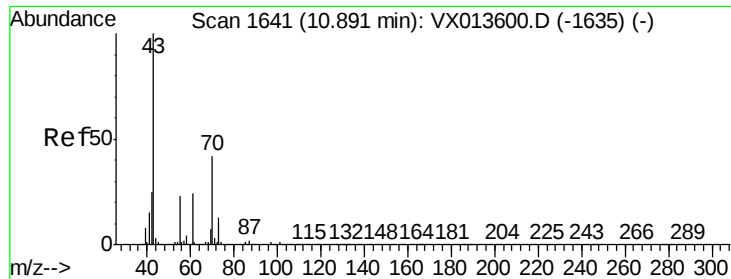


#73

Isopropylbenzene
Concen: 0.692 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	30.4	13.5	40.5





#74

N-amvl acetate

Concen: 7.675 ug/l

RT: 10.80 min Scan# 1626

Delta R.T. -0.09 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :
30738

Tot Ion: 43 Resp: 119376

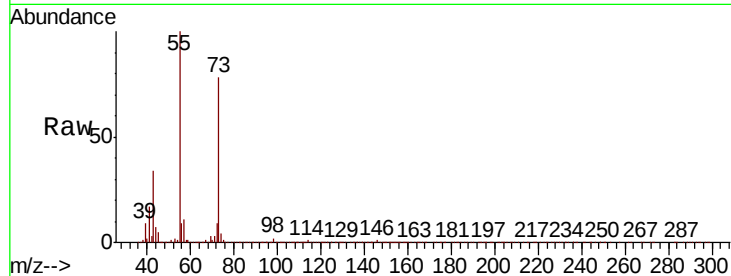
Ion Ratio Lower Upper

43 100

70 3.8 34.3 51.5#

55 252.4 18.5 27.7#

61 0.0 19.8 29.8#

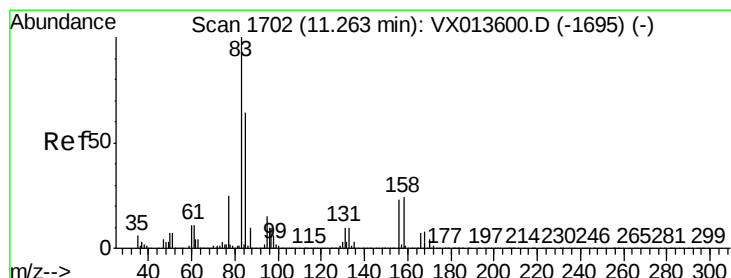
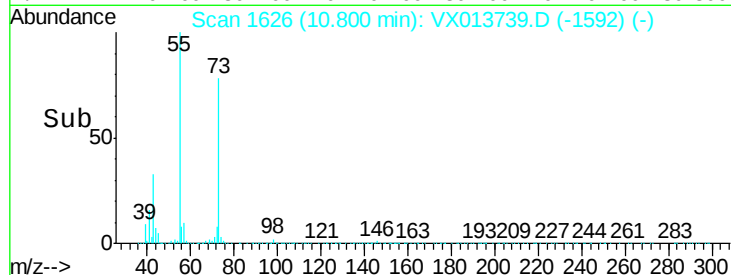
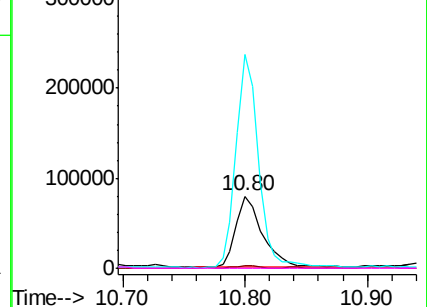


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 2.158 ug/l

RT: 11.33 min Scan# 1713

Delta R.T. 0.07 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

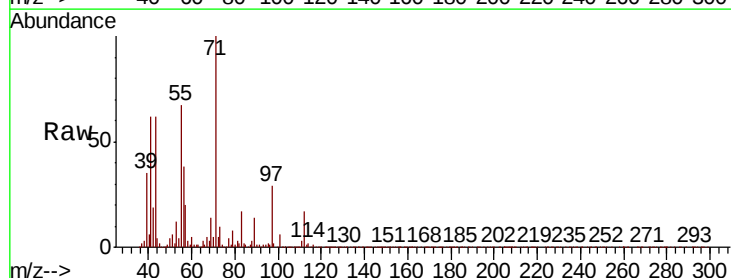
Tgt Ion: 83 Resp: 25413

Ion Ratio Lower Upper

83 100

131 1.5 5.1 15.3#

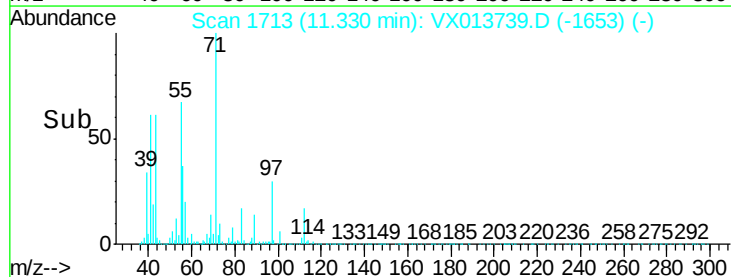
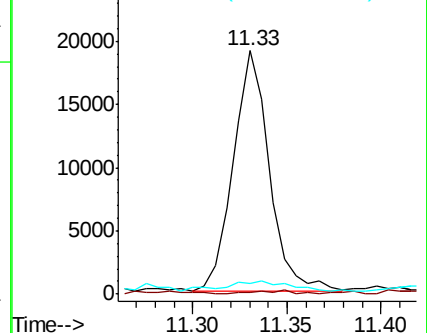
85 0.0 31.8 95.3#

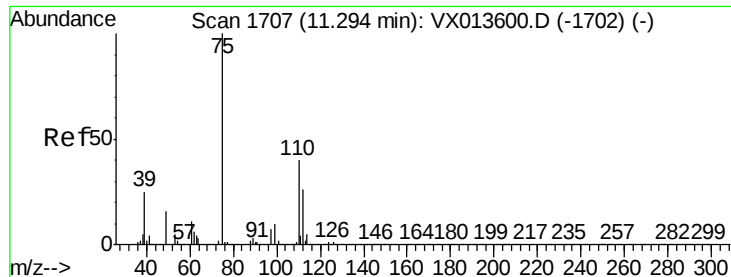


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 21.429 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

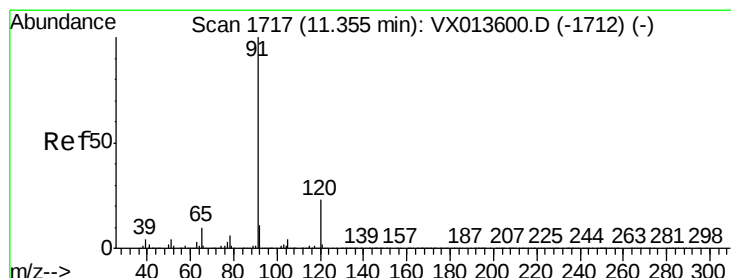
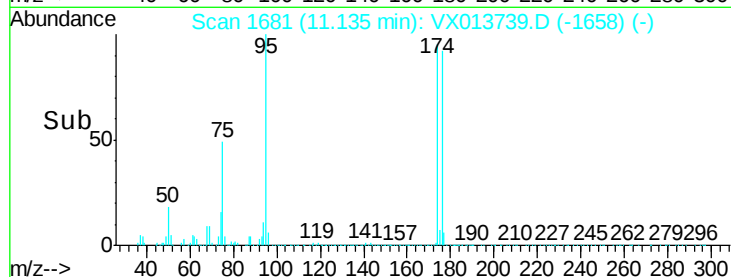
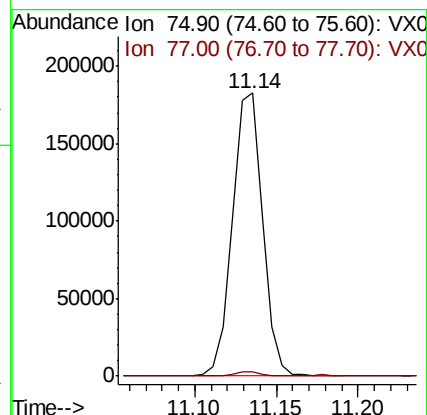
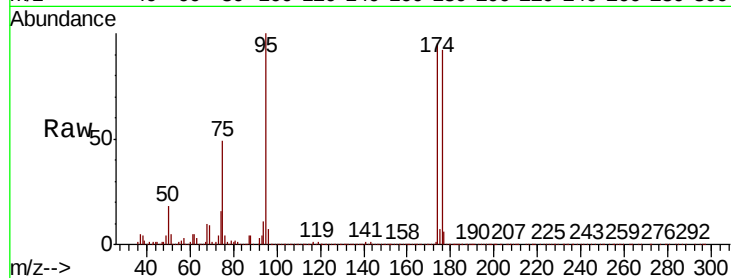
30738

Tot Ion: 75 Resp: 233296

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#78

n-propylbenzene

Concen: 0.571 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013739.D

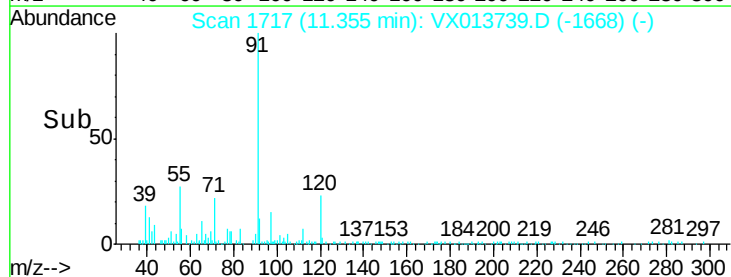
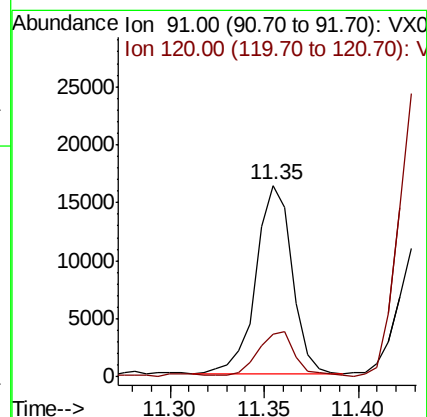
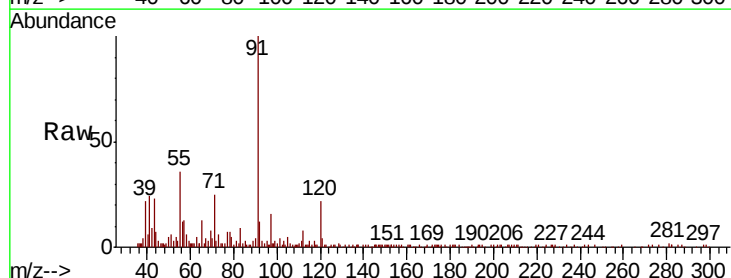
Acq: 03 Dec 2019 20:51

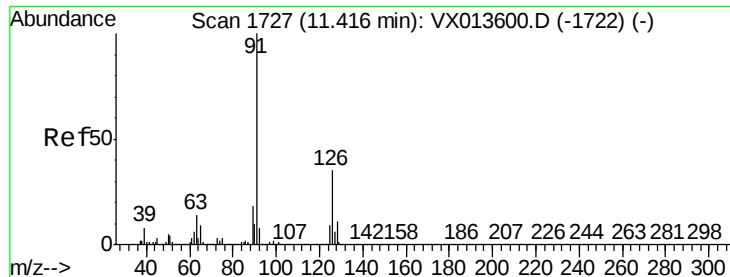
Tgt Ion: 91 Resp: 21653

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.3





#79

2-Chlorotoluene

Concen: 0.861 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

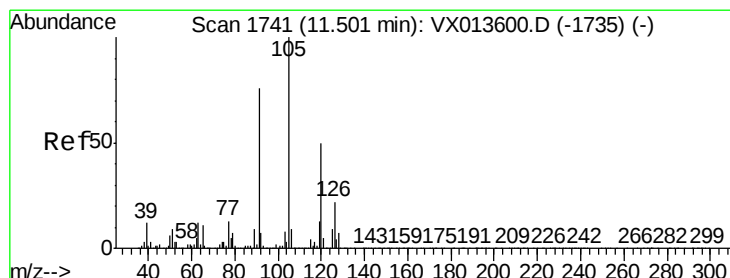
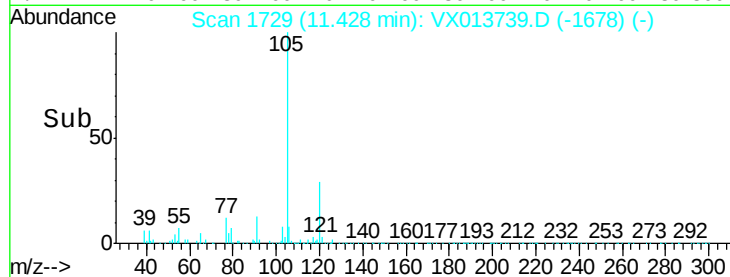
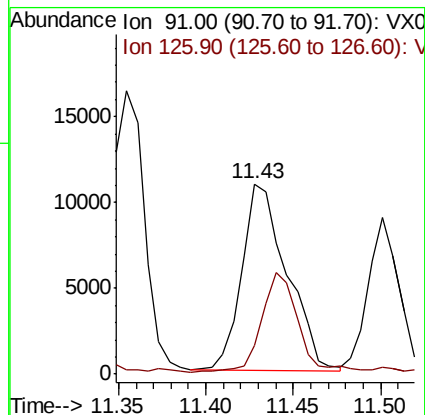
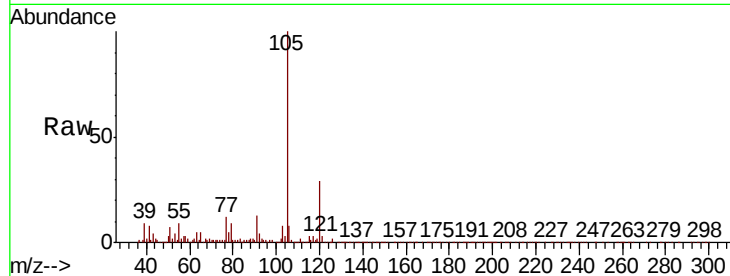
ClientSampleId :
30738

Tot Ion: 91 Resp: 19576

Ion Ratio Lower Upper

91 100

126 46.4 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 3.527 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013739.D

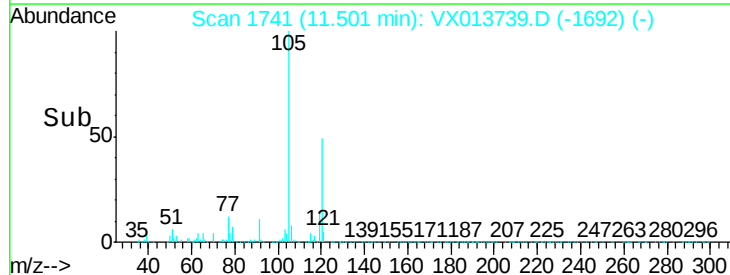
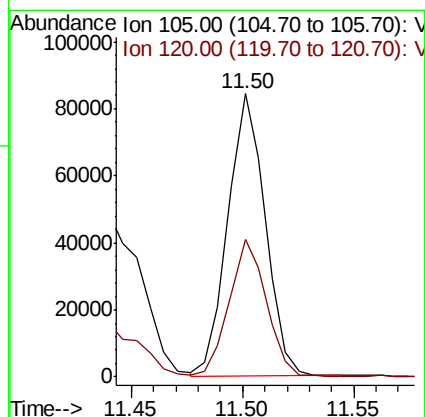
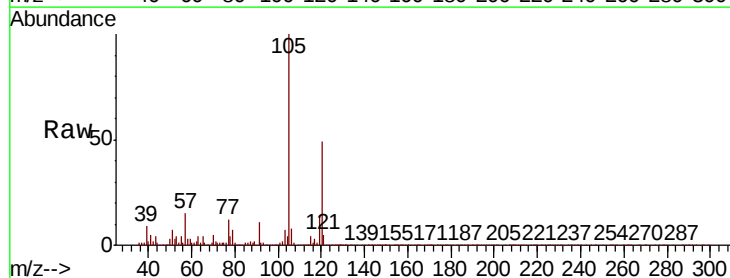
Acq: 03 Dec 2019 20:51

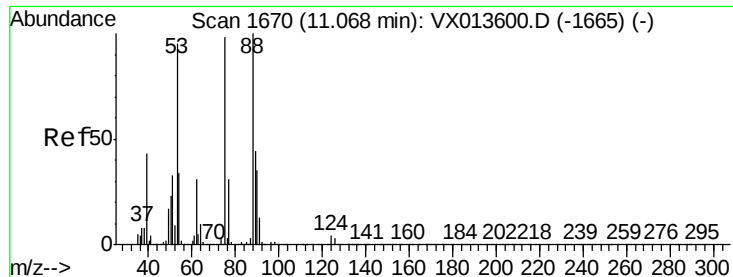
Tgt Ion: 105 Resp: 98152

Ion Ratio Lower Upper

105 100

120 48.3 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 58.625 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :
30738

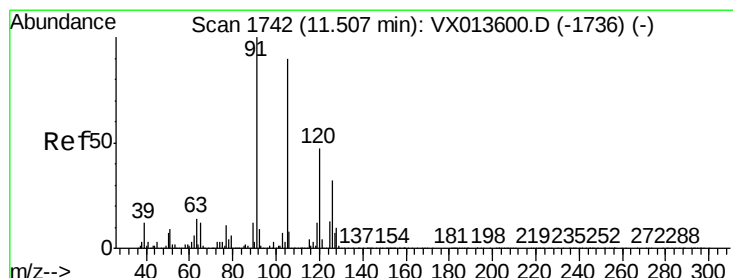
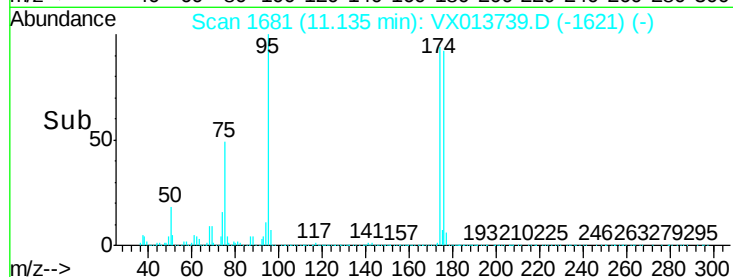
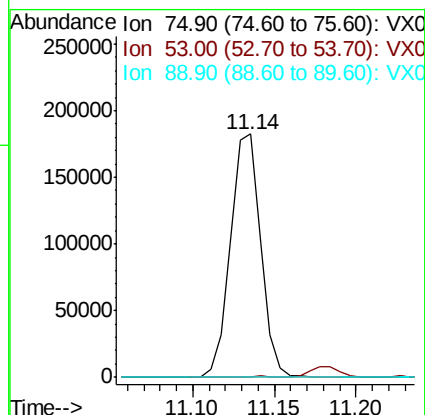
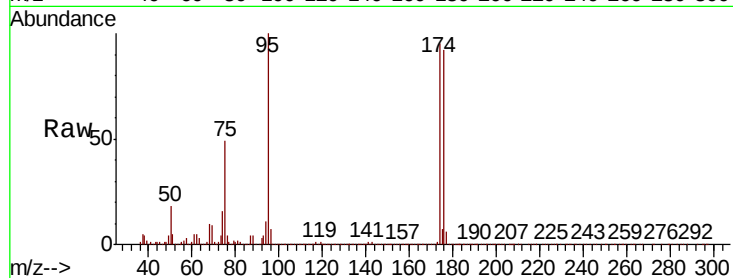
Tot Ion: 75 Resp: 233296

Ion Ratio Lower Upper

75 100

53 0.0 78.2 117.2#

89 0.5 35.4 53.2#



#82

4-Chlorotoluene

Concen: 0.743 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. -0.08 min

Lab File: VX013739.D

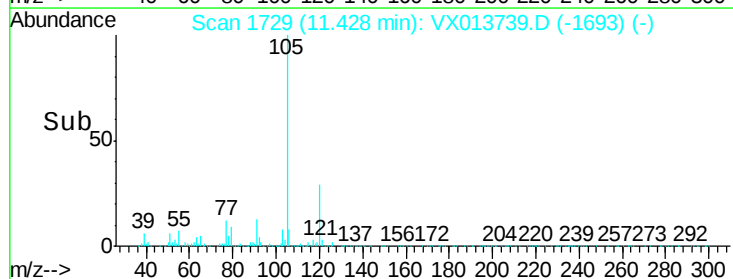
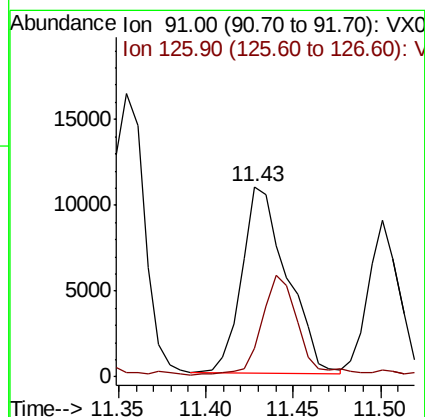
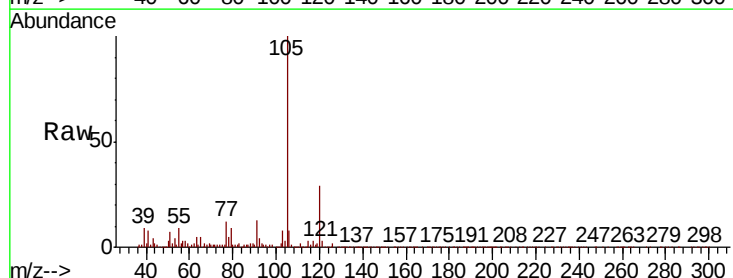
Acq: 03 Dec 2019 20:51

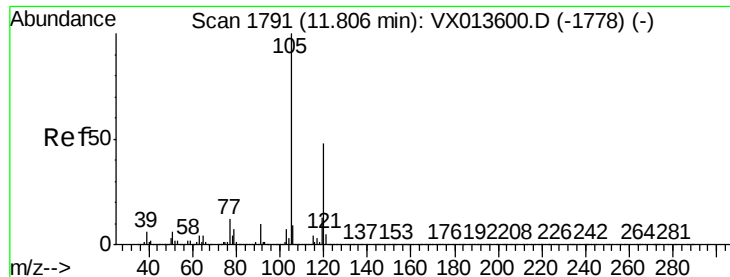
Tgt Ion: 91 Resp: 19576

Ion Ratio Lower Upper

91 100

126 45.3 15.7 47.0

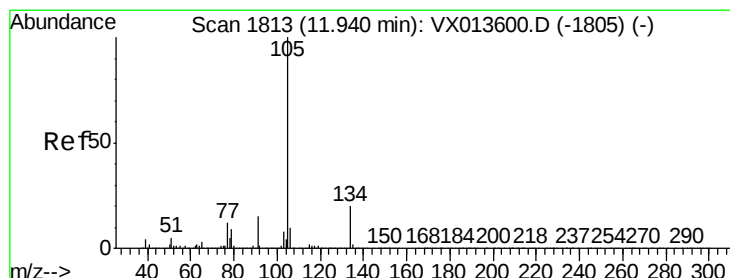
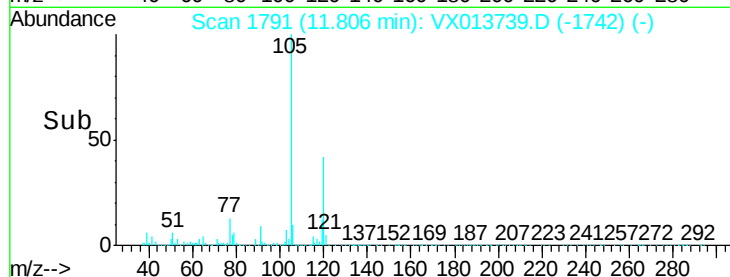
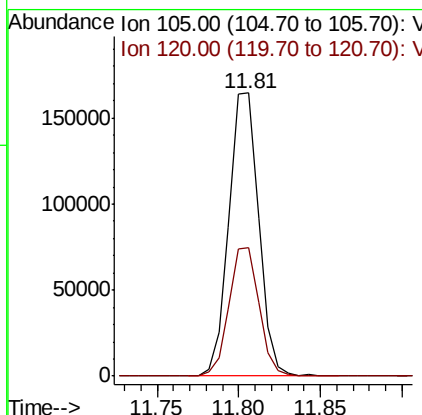
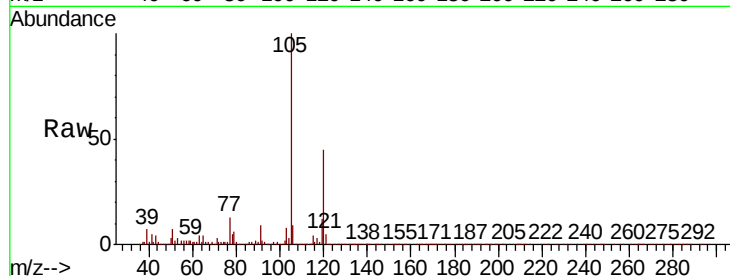




#84
 1,2,4-Trimethylbenzene
 Concen: 7.416 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX013739.D
 Acq: 03 Dec 2019 20:51

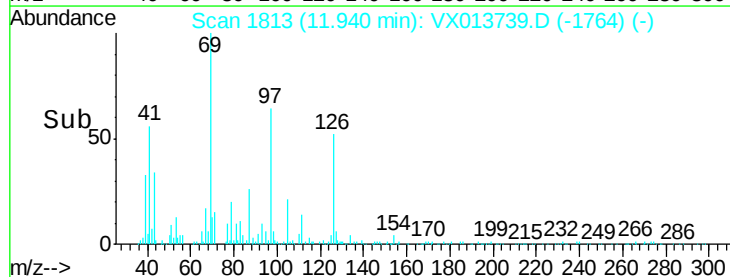
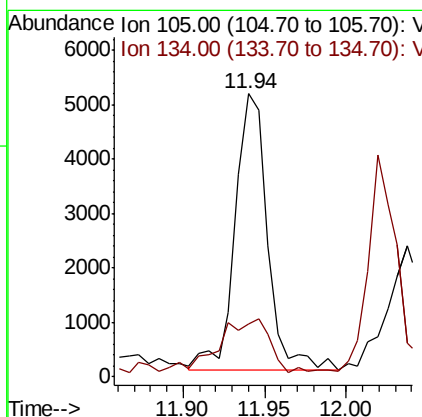
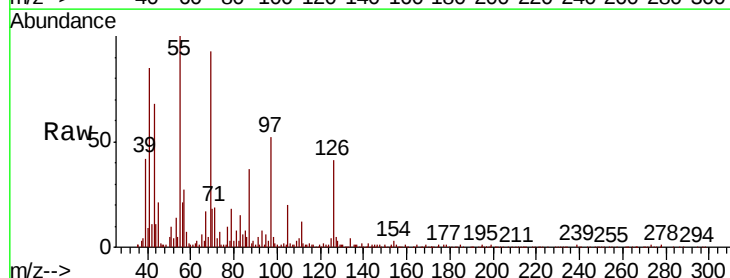
Instrument :
 MSVOA_X
 ClientSampleId :
 30738

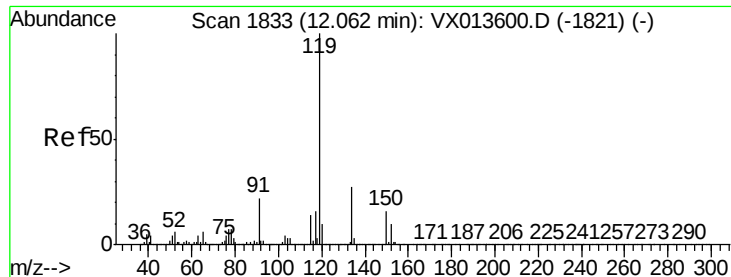
Tot Ion:105 Resp: 209455
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 0.217 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013739.D
 Acq: 03 Dec 2019 20:51

Tgt Ion:105 Resp: 7017
 Ion Ratio Lower Upper
 105 100
 134 31.6 10.4 31.2#

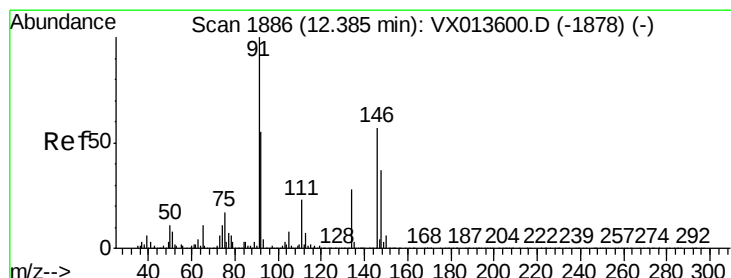
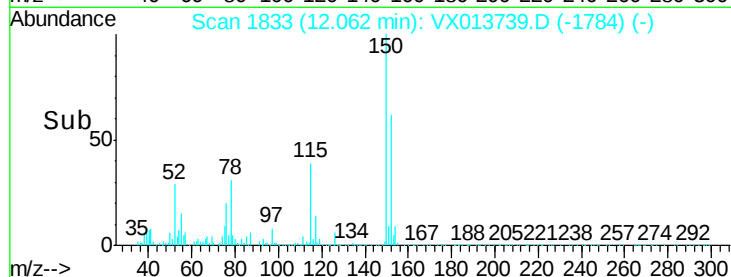
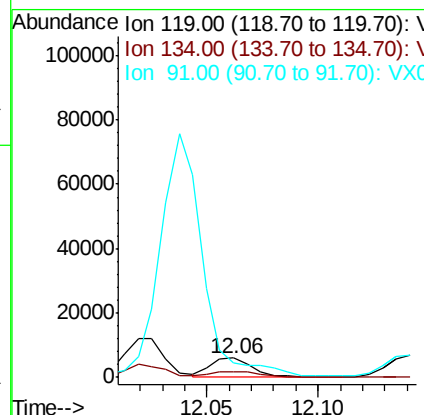
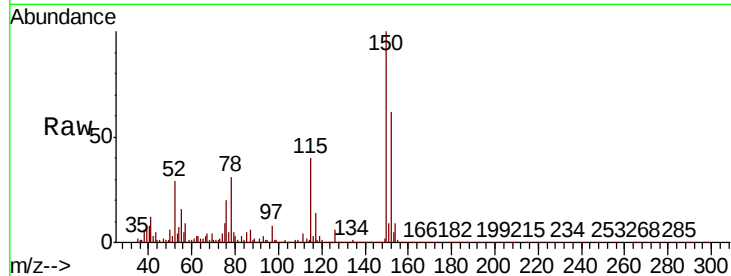




#86
p-Isopropyltoluene
Concen: 0.254 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

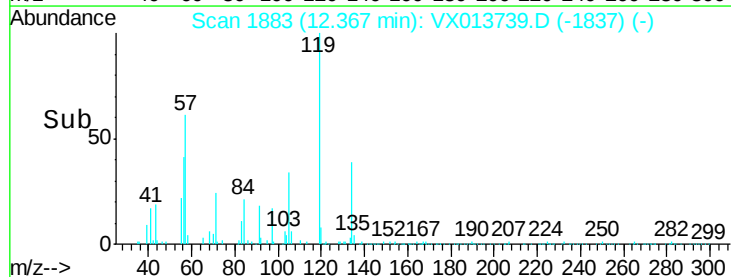
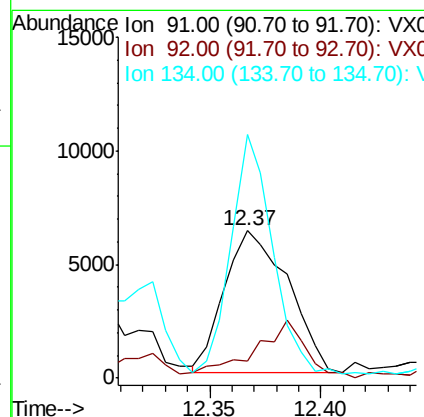
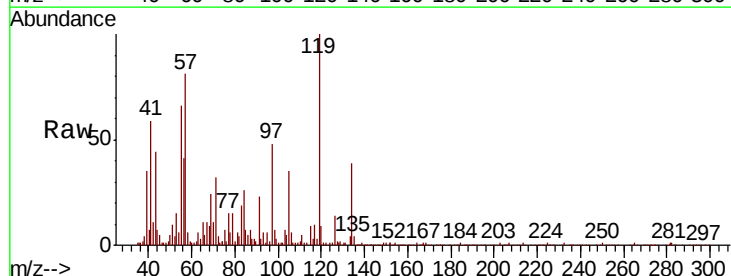
Instrument :
MSVOA_X
ClientSampled :
30738

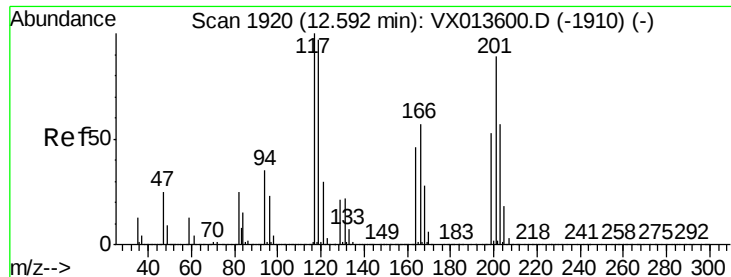
Tot Ion	Ratio	Lower	Upper
119	100		
134	32.9	13.3	39.9
91	0.0	11.3	33.8#



#89
n-Butylbenzene
Concen: 0.483 ug/l
RT: 12.37 min Scan# 1883
Delta R.T. -0.02 min
Lab File: VX013739.D
Acq: 03 Dec 2019 20:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	33.1	27.4	82.2
134	110.4	13.5	40.4#





#90

Hexachloroethane

Concen: 0.499 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

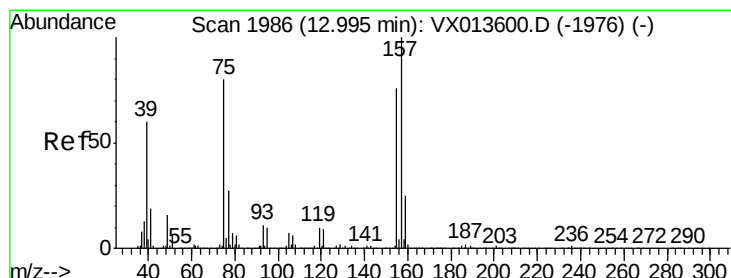
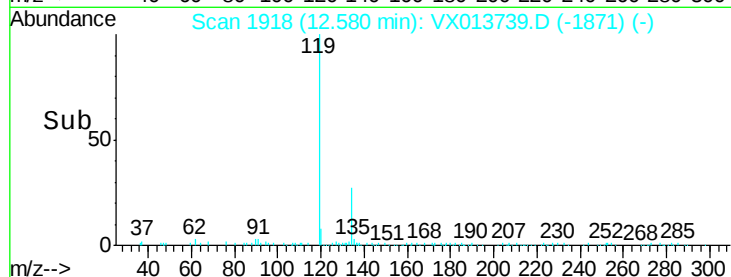
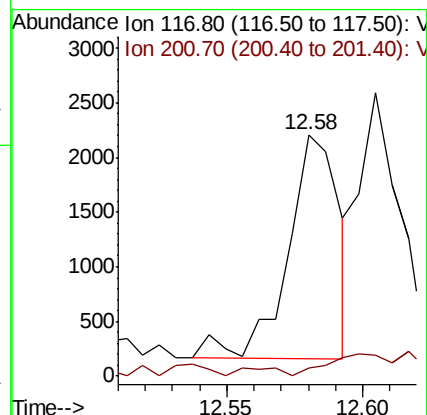
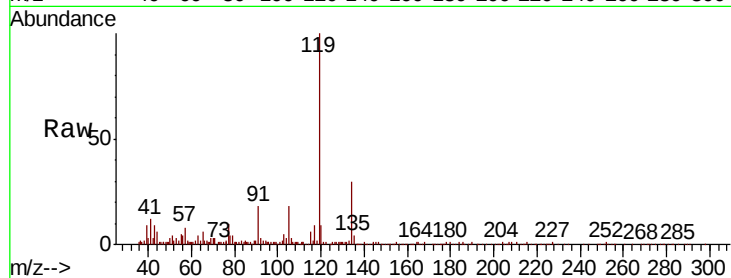
30738

Tot Ion:117 Resp: 2712

Ion Ratio Lower Upper

117 100

201 0.0 44.1 132.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.313 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

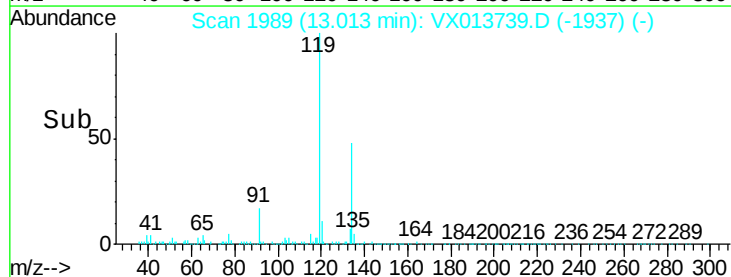
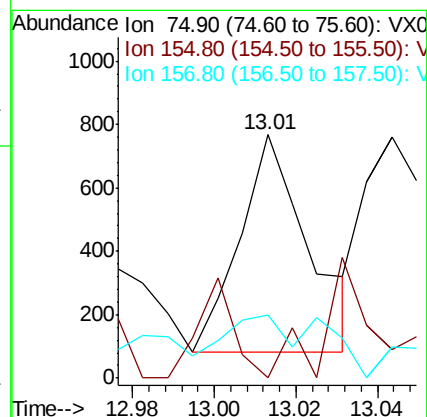
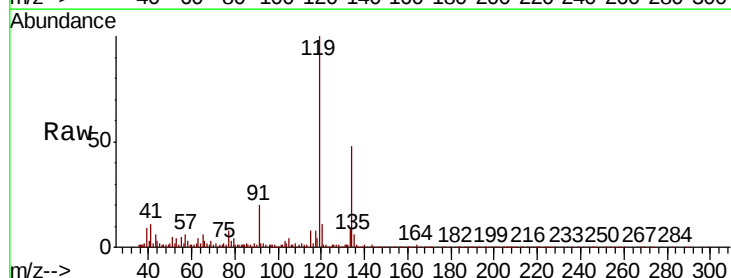
Tgt Ion: 75 Resp: 802

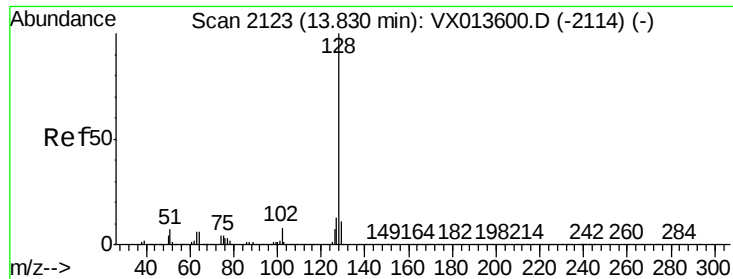
Ion Ratio Lower Upper

75 100

155 23.6 47.6 142.8#

157 41.8 62.1 186.2#





#95

Naphthalene

Concen: 0.798 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013739.D

Acq: 03 Dec 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

30738

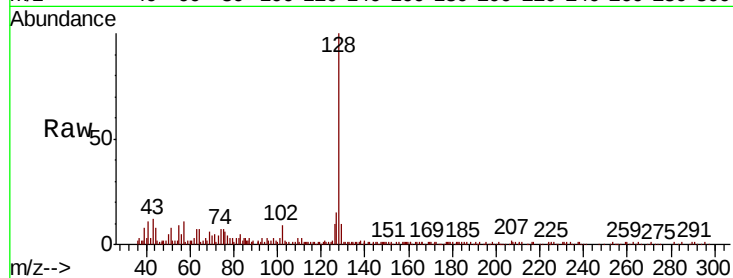
Tot Ion:128 Resp: 26164

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 14.2 8.7 13.1#



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

