

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013725.D
 Acq On : 03 Dec 2019 15:24
 Operator : JC/SP
 Sample : K6027-13DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 00:35:50 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	676356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1027665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	920895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	439940	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	367041	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	
35) Dibromofluoromethane	5.49	113	303690	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	8.71	98	1223774	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	427075	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1328	0.208	ug/l	82
11) Tert butyl alcohol	3.02	59	12896	6.655	ug/l #	74
13) Acrolein	2.28	56	231	6.178	ug/l #	15
14) Allyl chloride	2.83	41	24543	2.101	ug/l #	68
16) Acetone	2.43	43	9018	2.327	ug/l	92
18) Methyl Acetate	2.84	43	60875	5.640	ug/l #	51
19) Methyl tert-butyl Ether	3.19	73	67308	3.157	ug/l #	1
20) Methylene Chloride	2.85	84	5731	0.770	ug/l #	67
25) 2-Butanone	4.67	43	6182	1.073	ug/l #	26
27) cis-1,2-Dichloroethene	4.59	96	3768	0.468	ug/l	88
28) Bromochloromethane	5.03	49	1653	0.328	ug/l #	11
30) Chloroform	5.20	83	40007	3.208	ug/l	96
31) Cyclohexane	5.57	56	56355	4.859	ug/l #	95
36) 1,1-Dichloropropene	5.65	75	44745	4.797	ug/l #	42
38) Carbon Tetrachloride	5.65	117	57527	6.688	ug/l #	17
39) Methylcyclohexane	7.46	83	62089	5.385	ug/l	94
40) Benzene	6.14	78	723134	25.452	ug/l	100
43) Isopropyl Acetate	6.42	43	51486	2.988	ug/l #	17
47) Bromodichloromethane	7.89	83	3963	0.434	ug/l	97
48) Methyl methacrylate	7.73	41	8148	0.973	ug/l #	56
49) 1,4-Dioxane	7.71	88	833	4.445	ug/l #	76
52) Toluene	8.78	92	53750	3.045	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	19618	2.758	ug/l #	18
56) Ethyl methacrylate	9.15	69	5648	0.494	ug/l #	32
59) 2-Hexanone	9.51	43	2125	0.251	ug/l	88
64) Tetrachloroethene	9.34	164	2146	0.312	ug/l	93
67) Ethyl Benzene	10.25	91	1518533	46.219	ug/l	99
68) m/p-Xylenes	10.35	106	1435604	114.130	ug/l	100
69) o-Xylene	10.70	106	106988	8.721	ug/l	98
70) Styrene	10.70	104	6583	0.319	ug/l #	1
73) Isopropylbenzene	11.01	105	213449	6.917	ug/l	100
76) 1,2,3-Trichloropropane	11.45	75	6281	0.635	ug/l #	1
78) n-propylbenzene	11.35	91	405608	11.774	ug/l	100
79) 2-Chlorotoluene	11.45	91	78866	3.816	ug/l #	40

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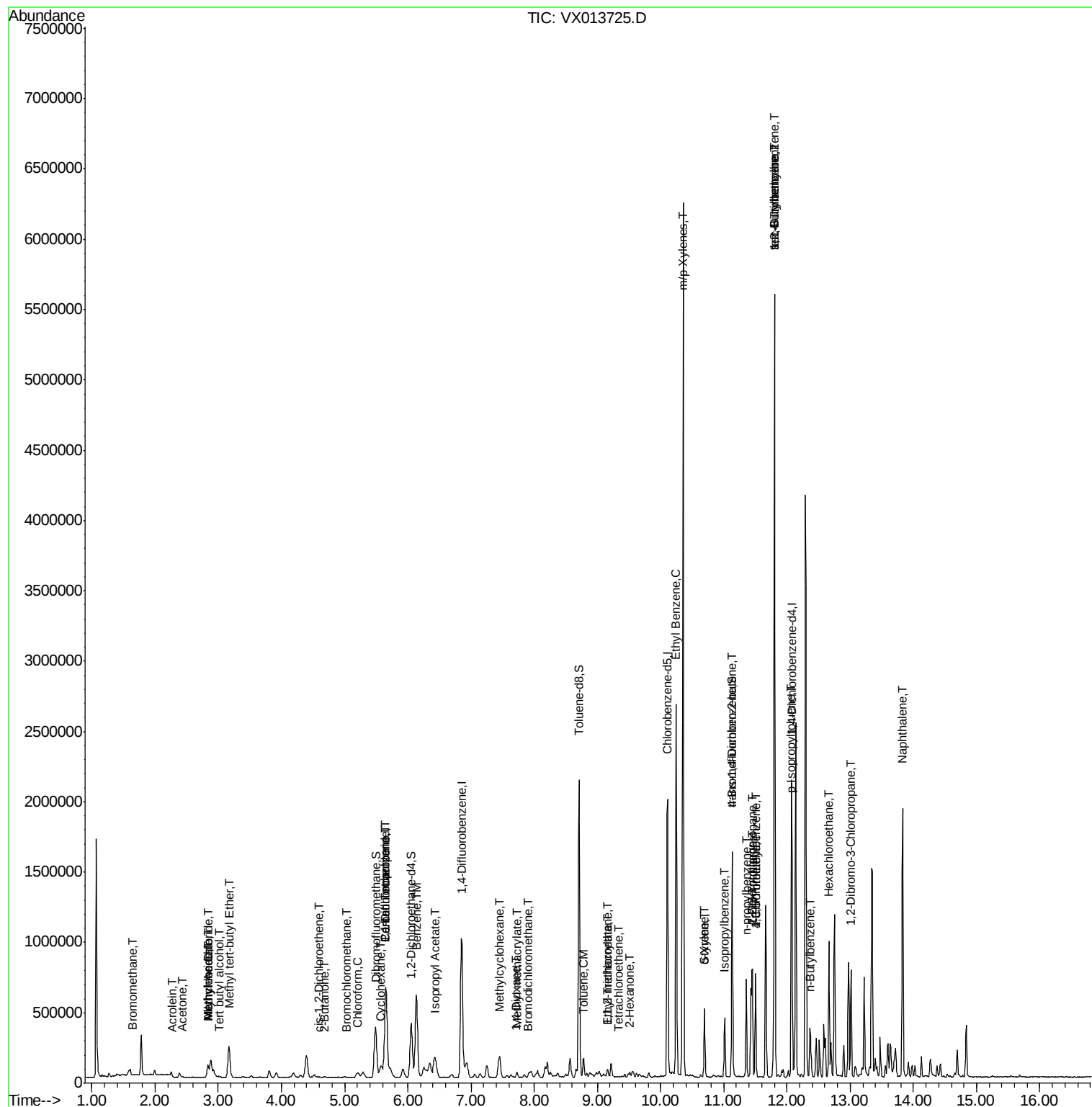
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.50	105	308638	12.203	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	207233	57.297	ug/l #	11
82) 4-Chlorotoluene	11.50	91	33060	1.381	ug/l #	45
83) tert-Butylbenzene	11.81	119	303535	11.809	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.81	105	2478646	96.560	ug/l	98
85) sec-Butylbenzene	11.81	105	2478667	84.422	ug/l #	55
86) p-Isopropyltoluene	12.06	119	10957	0.401	ug/l #	75
89) n-Butylbenzene	12.38	91	59006	2.533	ug/l #	37
90) Hexachloroethane	12.67	117	39025	7.905	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	2520	1.081	ug/l #	2
95) Naphthalene	13.83	128	1158404	38.871	ug/l	99

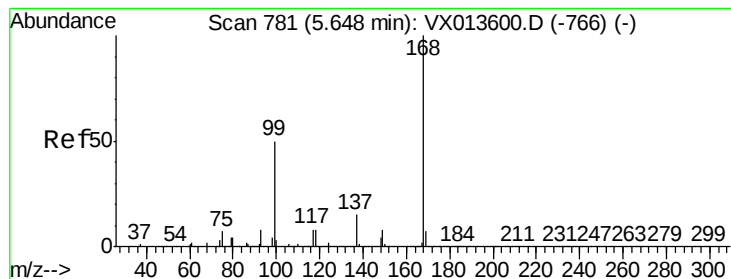
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120319\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

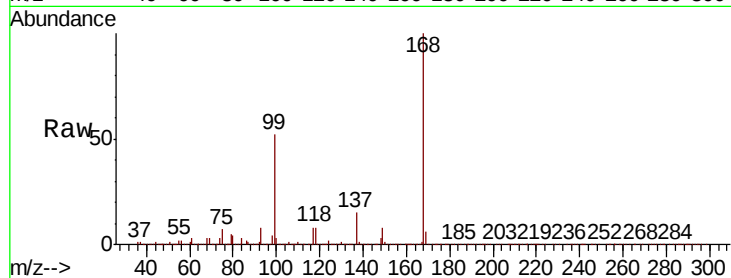
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 676356

Ion Ratio Lower Upper

168 100

99 51.9 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

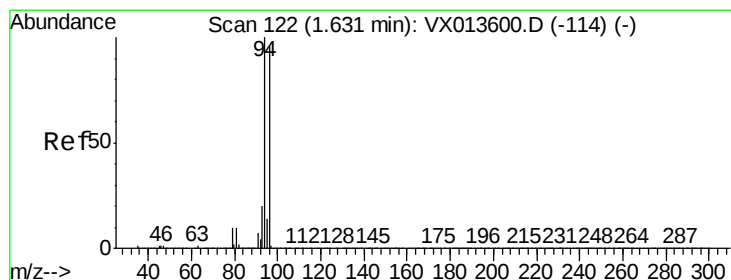
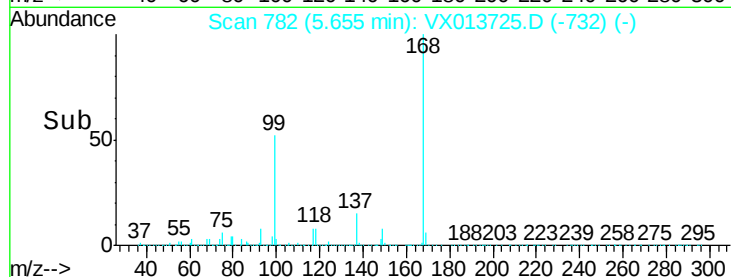
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50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.208 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX013725.D

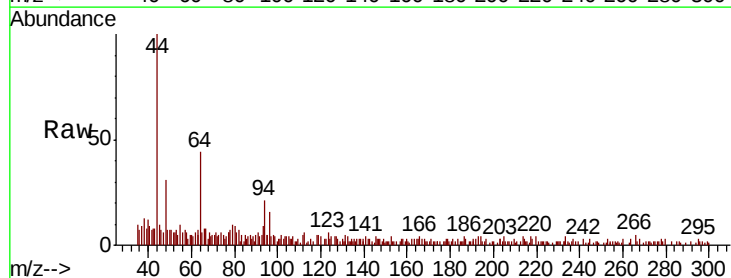
Acq: 03 Dec 2019 15:24

Tgt Ion: 94 Resp: 1328

Ion Ratio Lower Upper

94 100

96 78.2 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

1200

1000

800

600

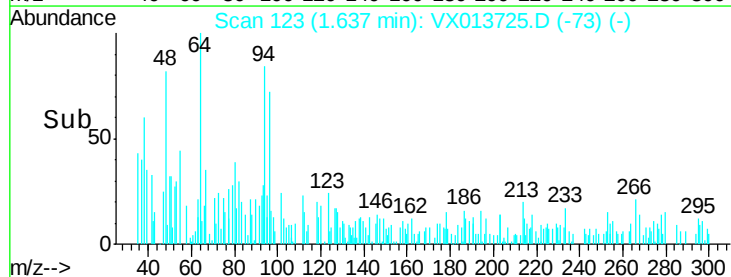
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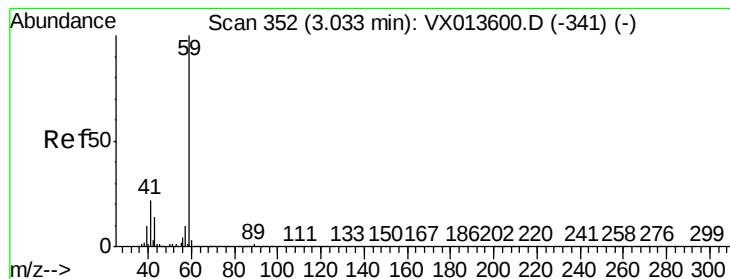
200

0

Time-->

1.60 1.62 1.64 1.66



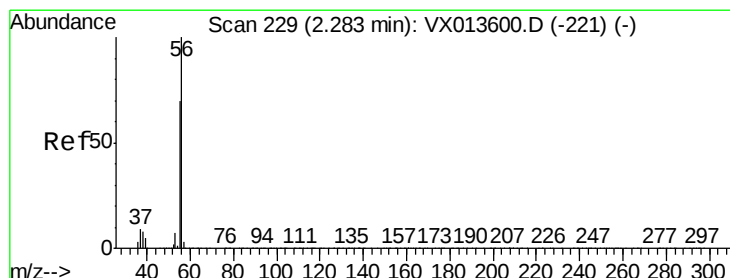
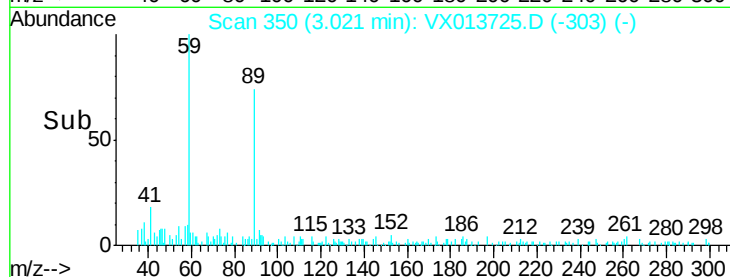
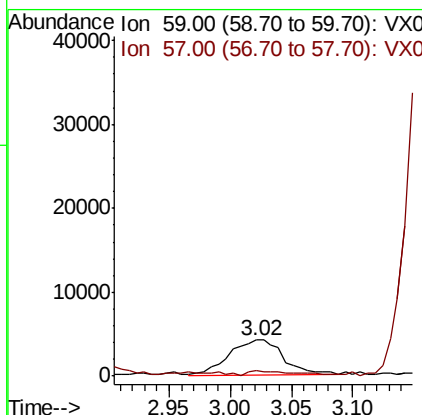
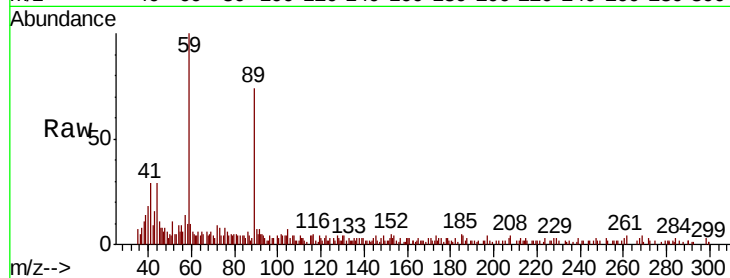


#11

Tert butyl alcohol
Concen: 6.655 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :

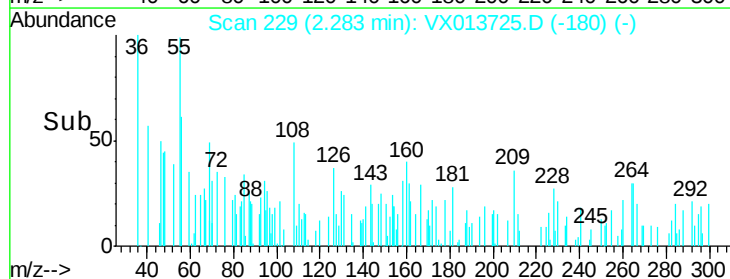
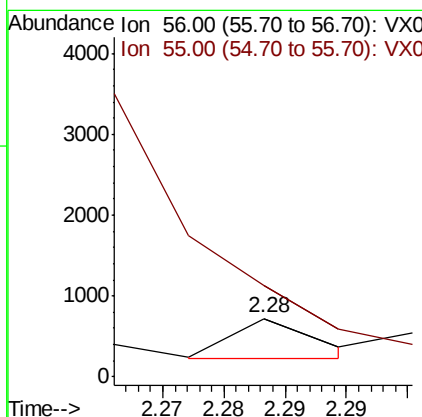
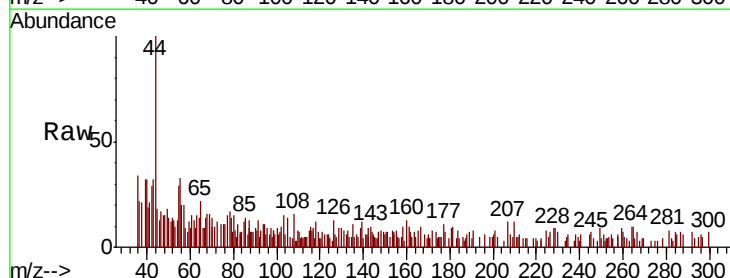
Tot Ion: 59 Resp: 12896
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

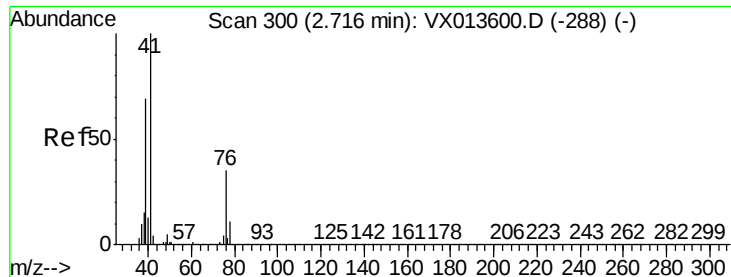


#13

Acrolein
Concen: 6.178 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

Tgt Ion: 56 Resp: 231
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.4#

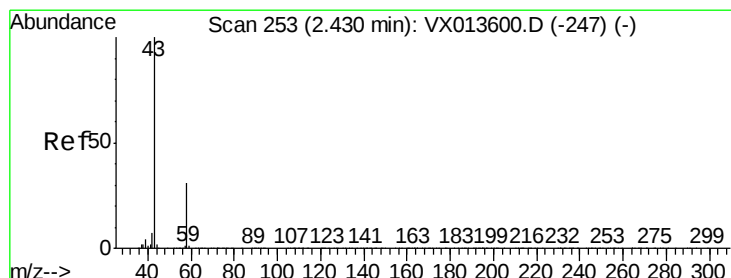
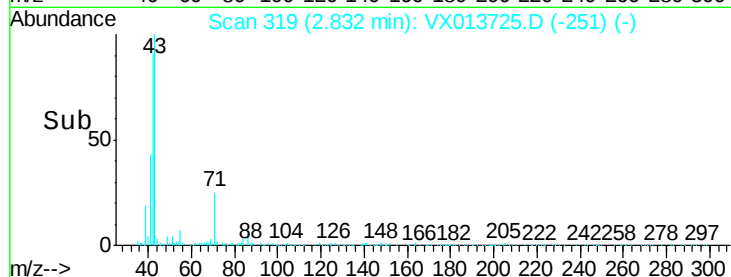
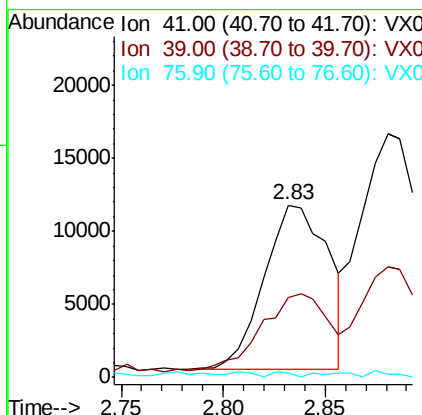
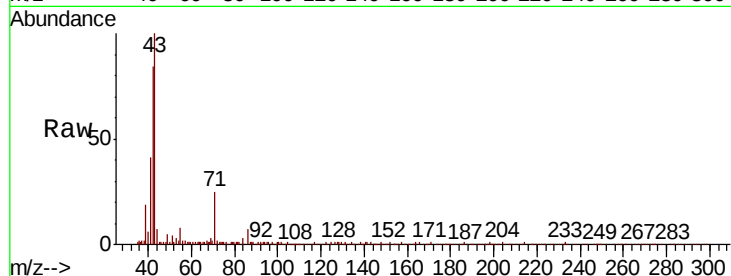




#14
Allvl chloride
Concen: 2.101 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.12 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

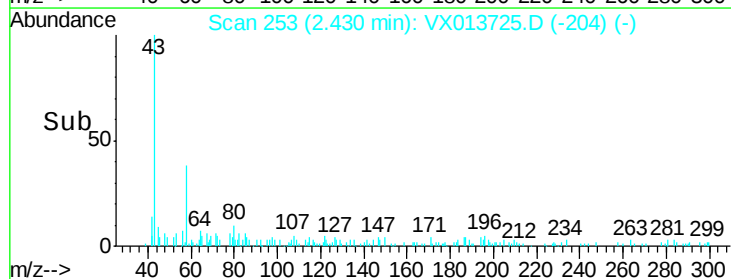
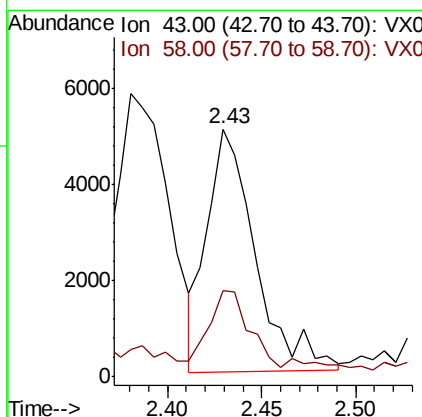
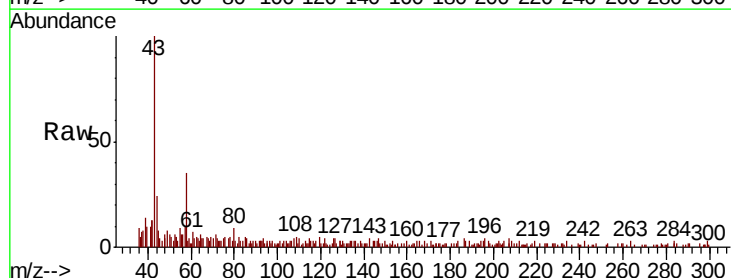
Instrument :
MSVOA_X
ClientSampleId :

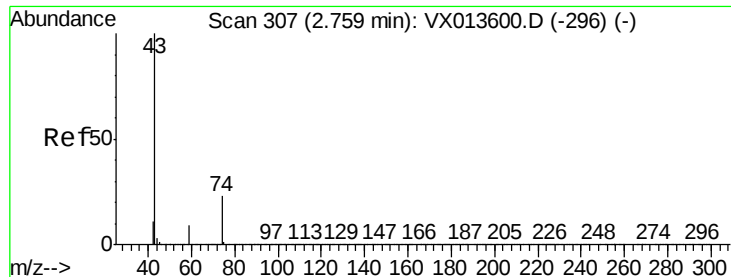
Tot Ion: 41 Resp: 24543
Ion Ratio Lower Upper
41 100
39 48.1 51.7 77.5#
76 1.6 25.9 38.9#



#16
Acetone
Concen: 2.327 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

Tgt Ion: 43 Resp: 9018
Ion Ratio Lower Upper
43 100
58 35.3 24.6 36.8

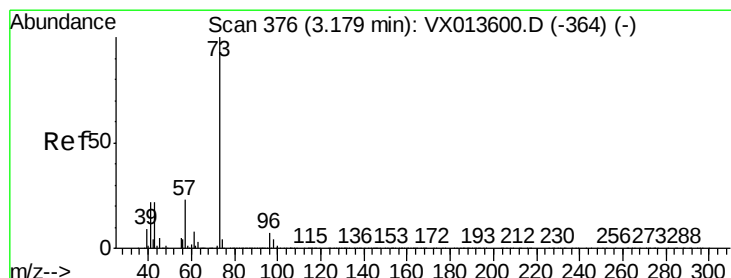
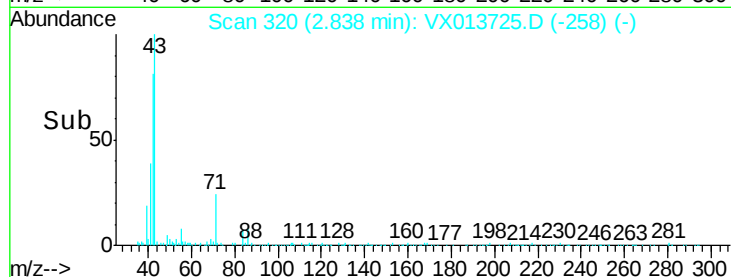
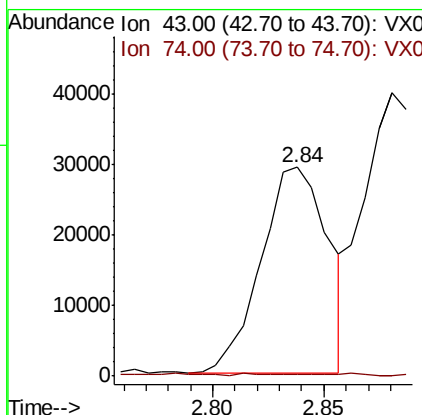
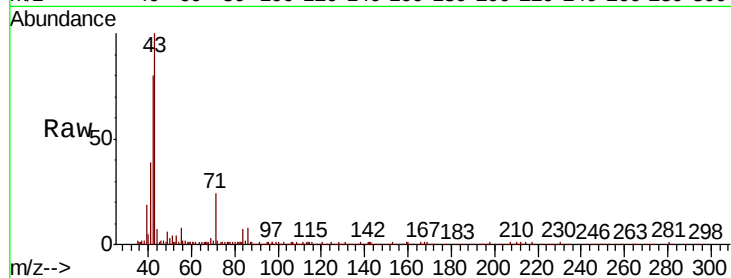




#18
Methyl Acetate
Concen: 5.640 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.08 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

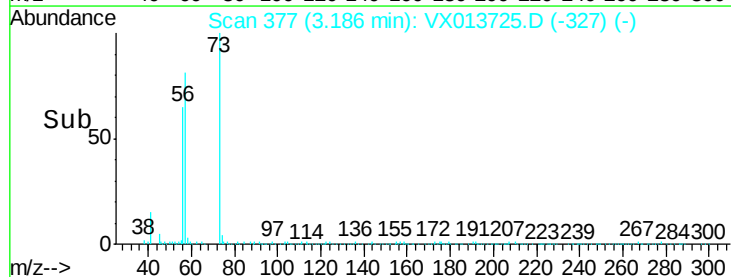
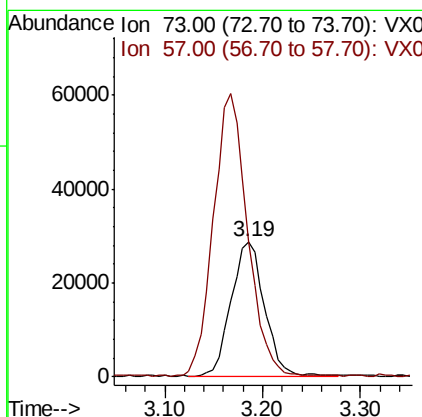
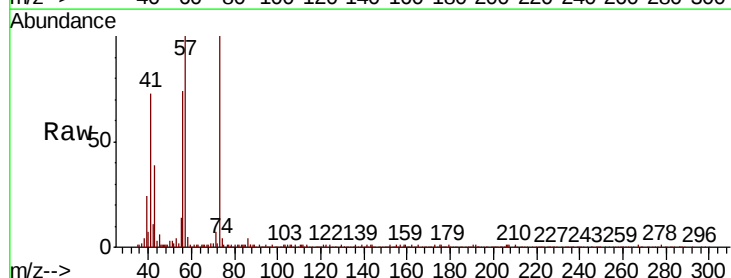
Instrument :
MSVOA_X
ClientSampled :

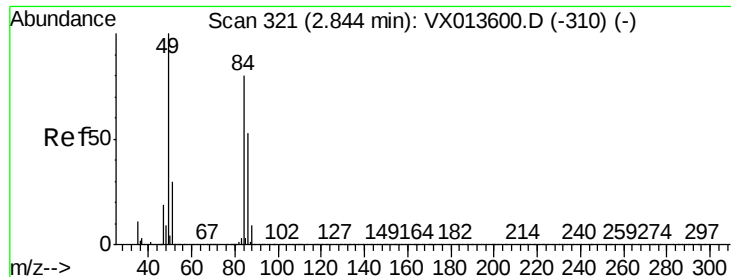
Tot Ion: 43 Resp: 60875
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#19
Methyl tert-butyl Ether
Concen: 3.157 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

Tgt Ion: 73 Resp: 67308
Ion Ratio Lower Upper
73 100
57 99.7 18.3 27.5#

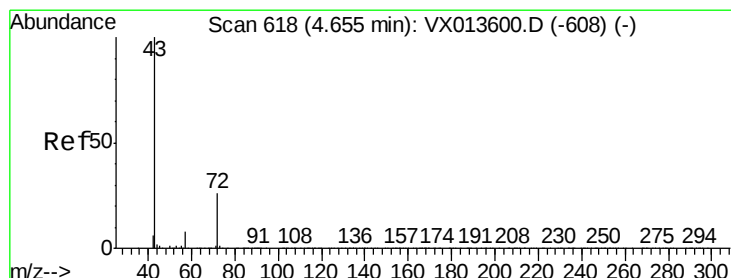
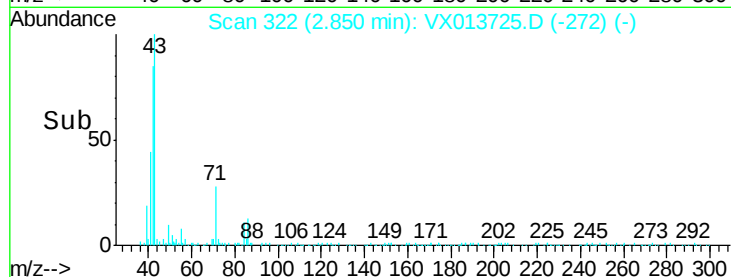
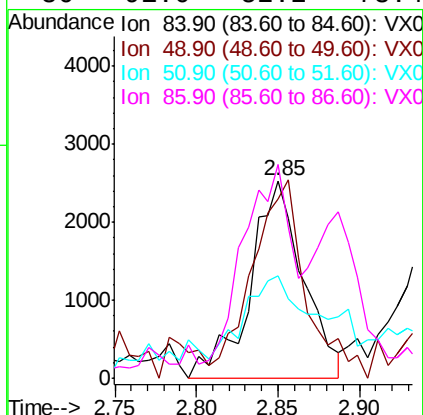
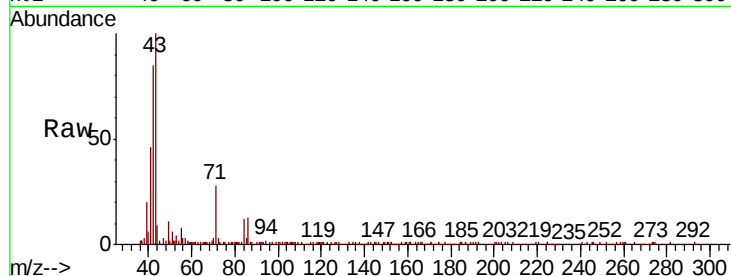




#20
Methvlene Chloride
Concen: 0.770 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

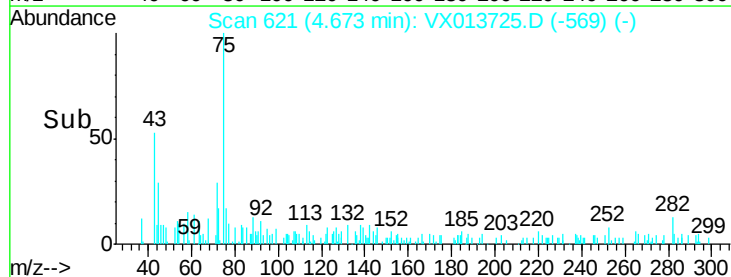
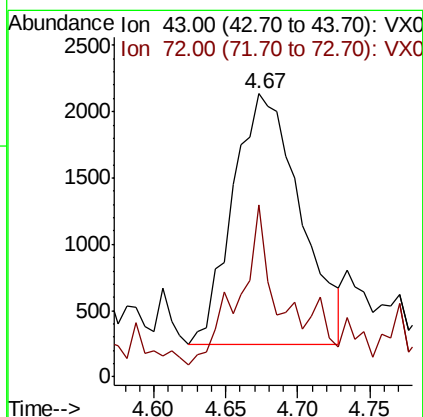
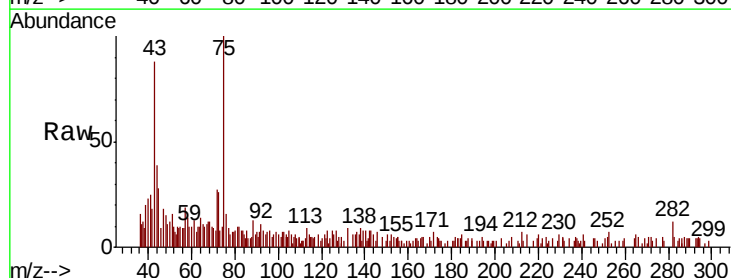
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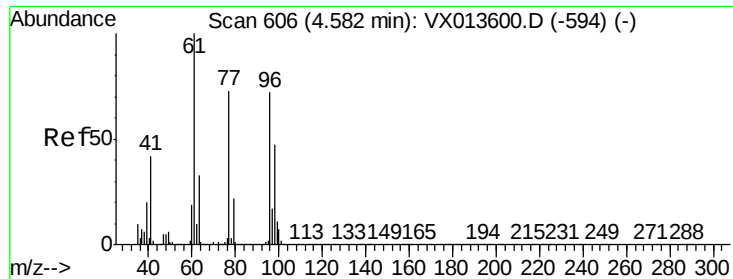
Tot Ion: 84 Resp: 5731
Ion Ratio Lower Upper
84 100
49 77.9 99.7 149.5#
51 32.0 29.9 44.9
86 91.0 52.2 78.4#



#25
2-Butanone
Concen: 1.073 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

Tgt Ion: 43 Resp: 6182
Ion Ratio Lower Upper
43 100
72 63.6 20.6 31.0#



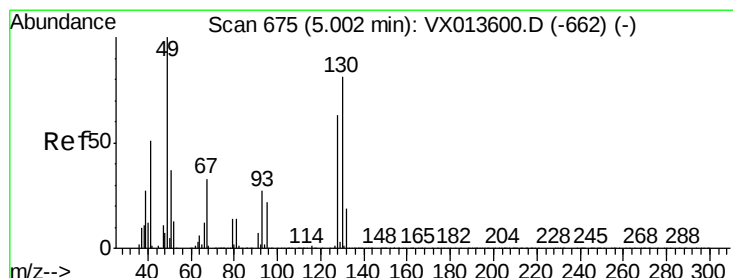
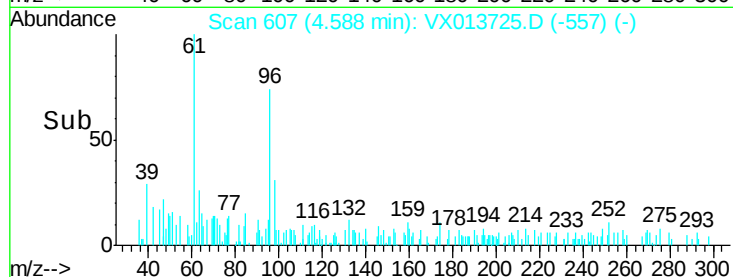
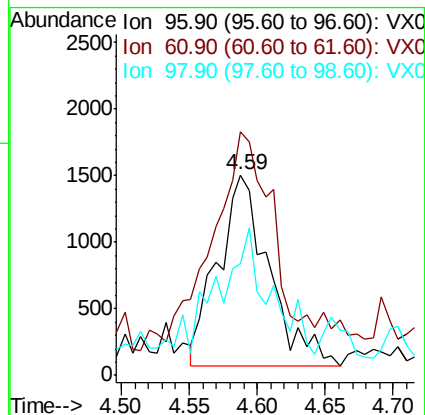
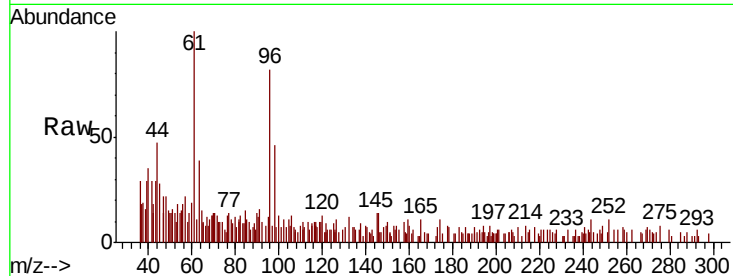


#27

cis-1,2-Dichloroethene
Concen: 0.468 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

Instrument :
MSVOA_X
ClientSampled :

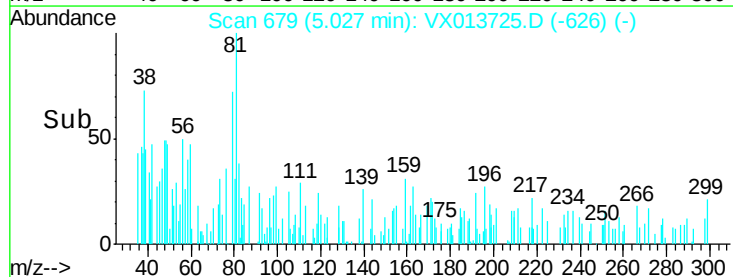
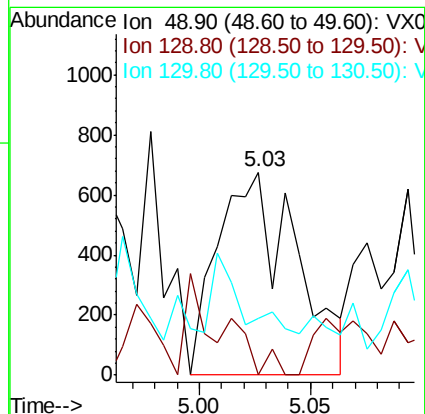
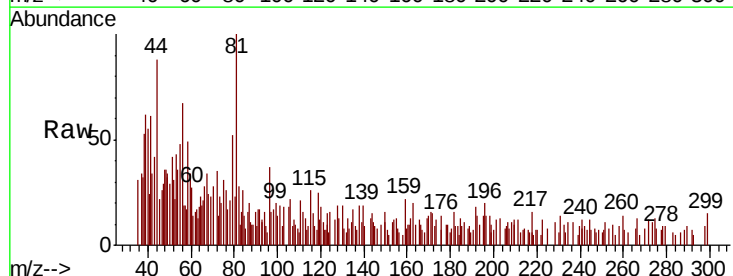
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	286.4
98	88.0	0.0	127.4

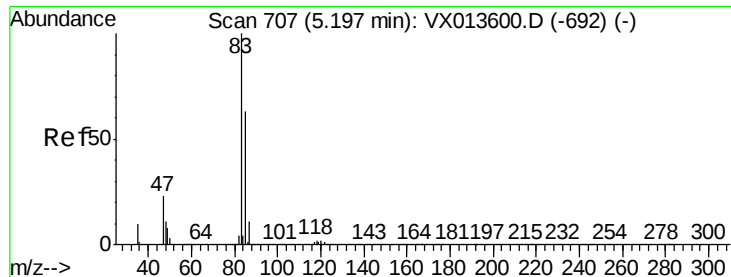


#28

Bromochloromethane
Concen: 0.328 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.02 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	0.0	65.4	98.0#

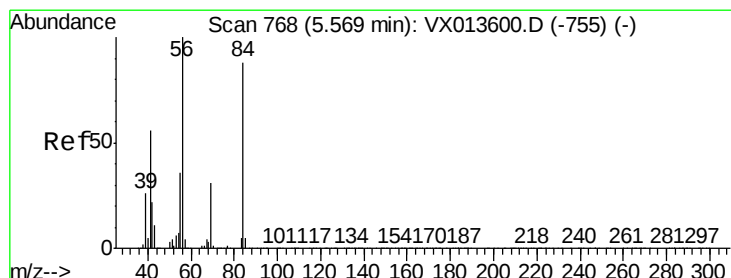
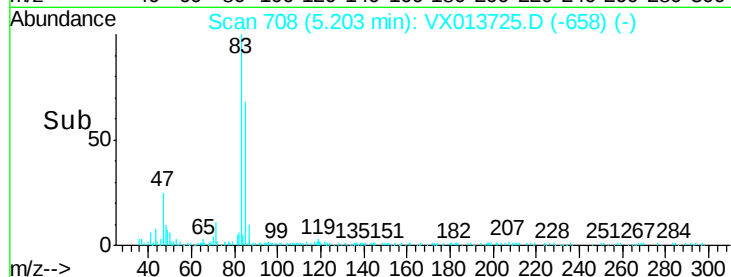
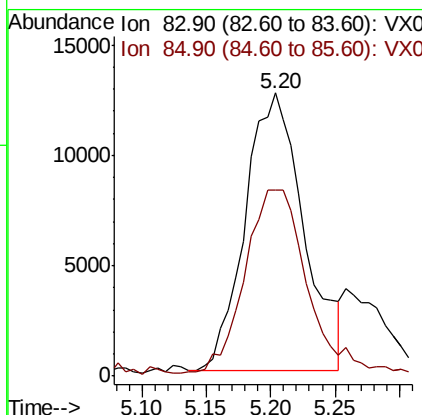
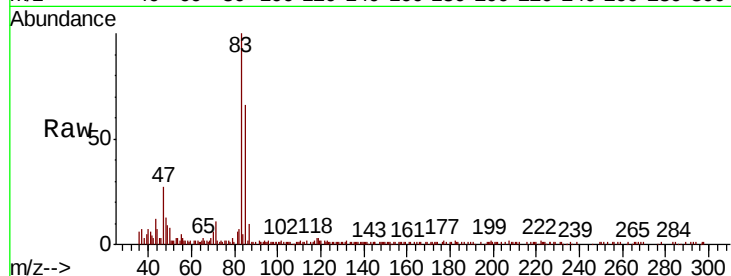




#30
Chloroform
Concen: 3.208 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

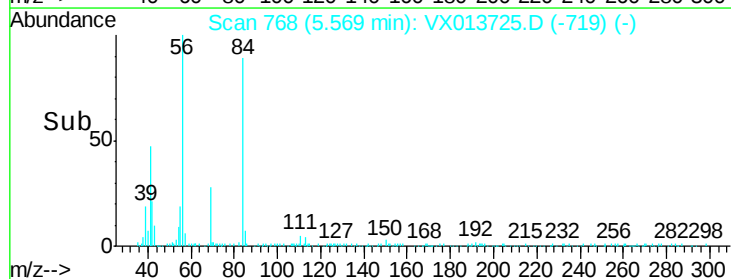
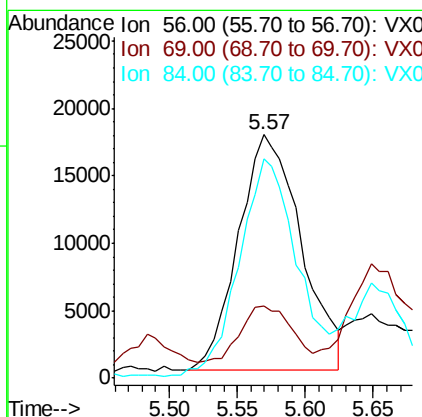
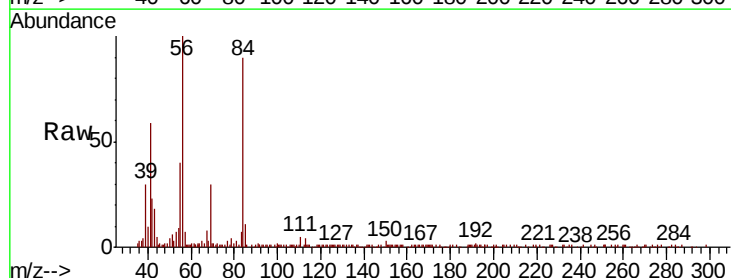
Instrument :
MSVOA_X
ClientSampleId :

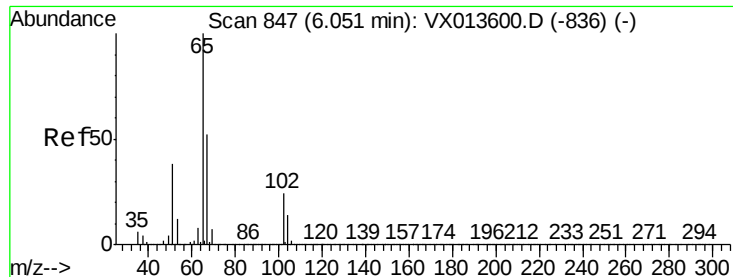
Tot Ion: 83 Resp: 40007
Ion Ratio Lower Upper
83 100
85 65.7 50.2 75.4



#31
Cyclohexane
Concen: 4.859 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

Tgt Ion: 56 Resp: 56355
Ion Ratio Lower Upper
56 100
69 22.8 24.6 36.8#
84 89.0 70.0 105.0



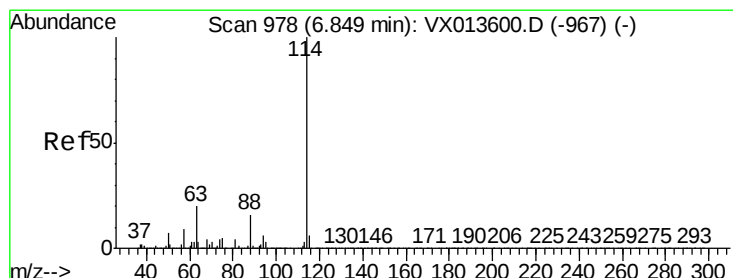
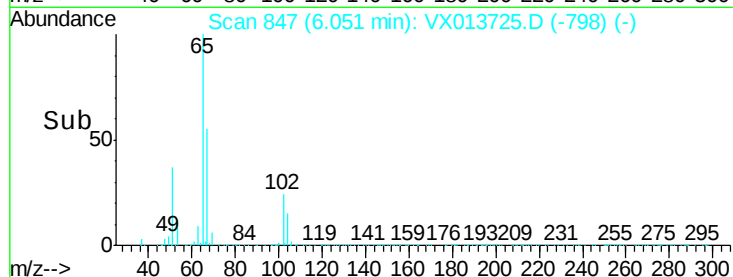
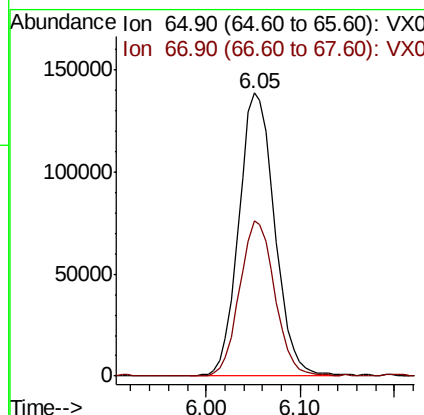
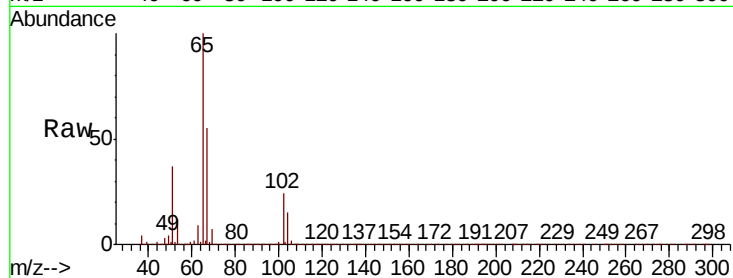


#33

1,2-Dichloroethane-d4
Concen: 46.751 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :

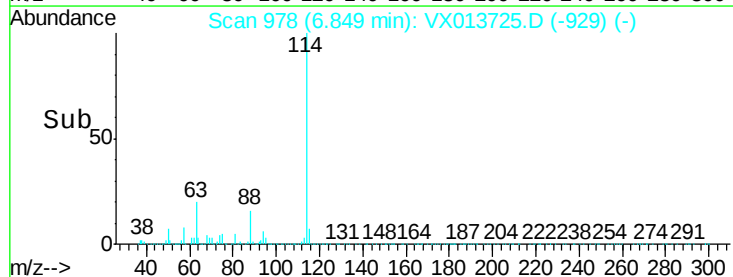
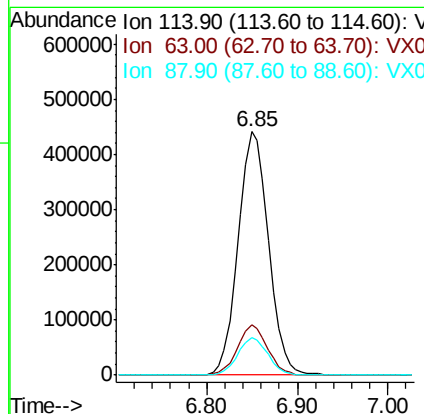
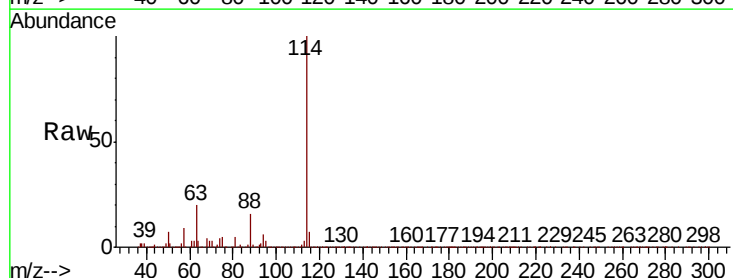
Tot Ion: 65 Resp: 367041
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.4

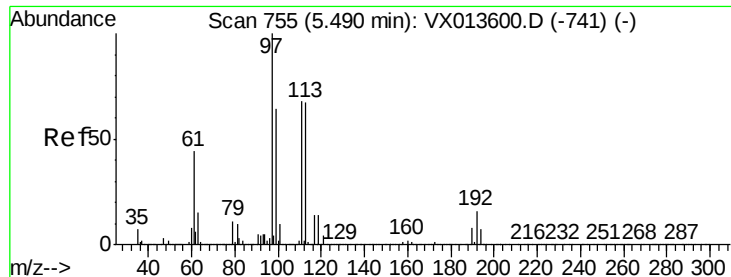


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

Tgt Ion: 114 Resp: 1027665
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.6
88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.801 ug/l

RT: 5.49 min Scan# 755

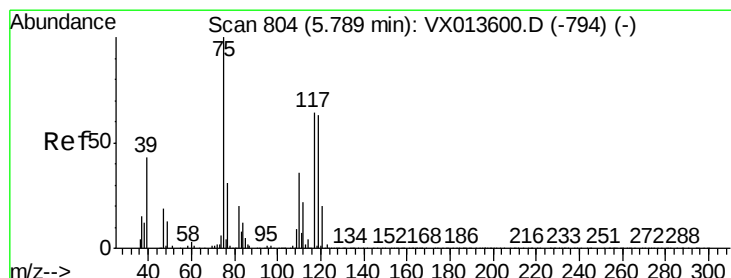
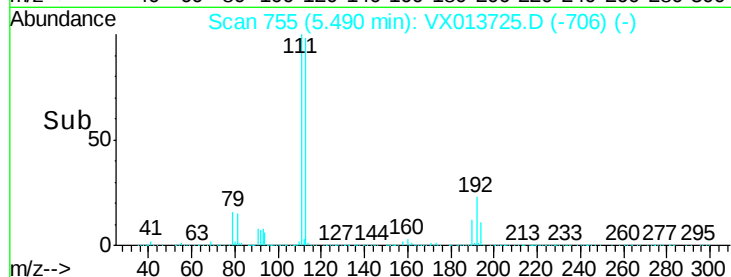
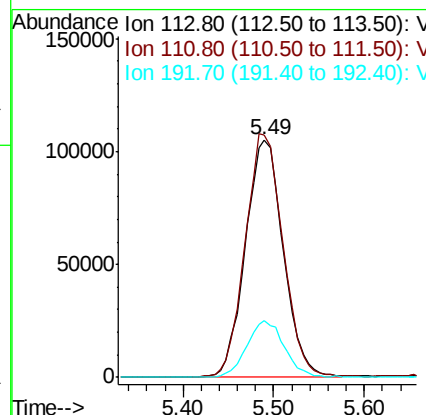
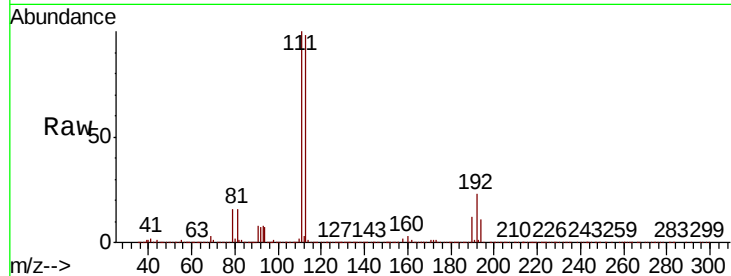
Delta R.T. 0.00 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	303690
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.6	125.4
192	23.9	19.2	28.8



#36

1,1-Dichloropropene

Concen: 4.797 ug/l

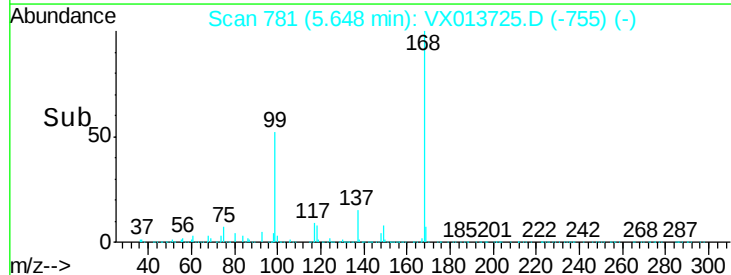
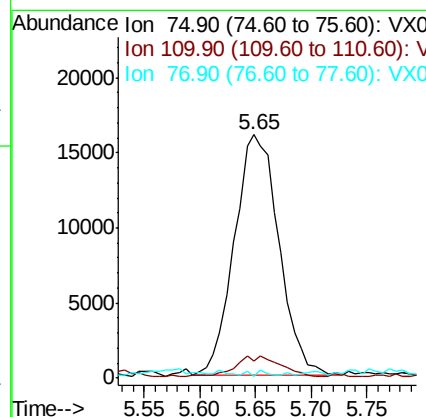
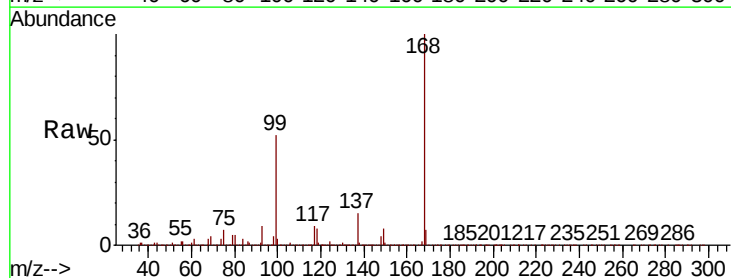
RT: 5.65 min Scan# 781

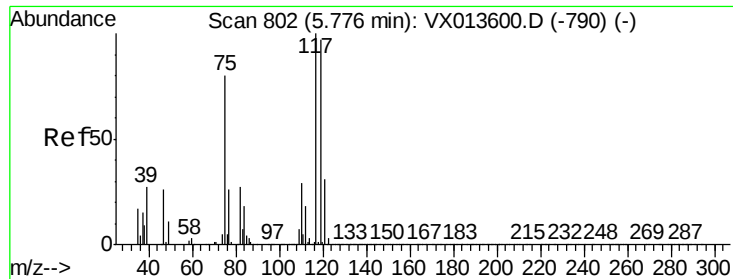
Delta R.T. -0.14 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

Tgt Ion:	75	Resp:	44745
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.6	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.688 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

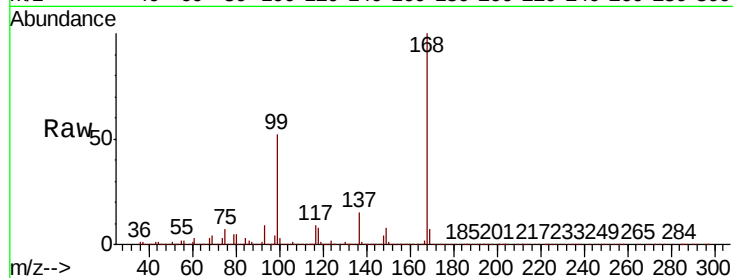
Tot Ion:117 Resp: 57527

Ion Ratio Lower Upper

117 100

119 6.6 77.5 116.3#

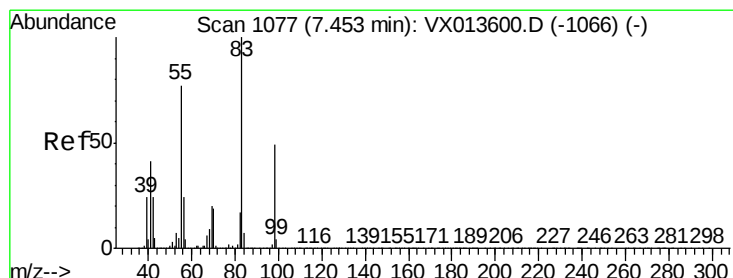
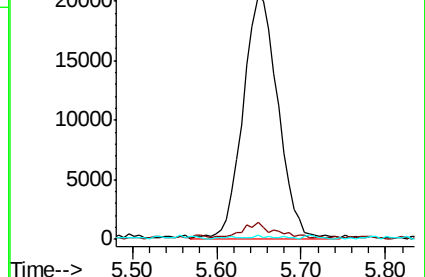
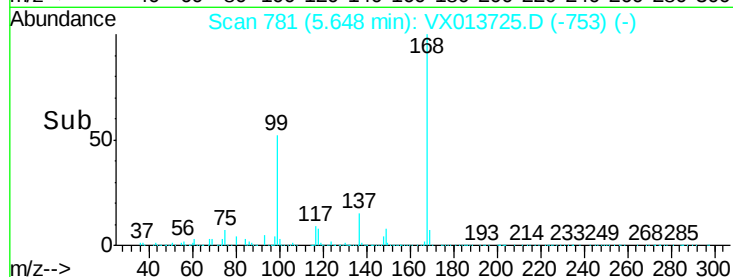
121 1.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 5.385 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

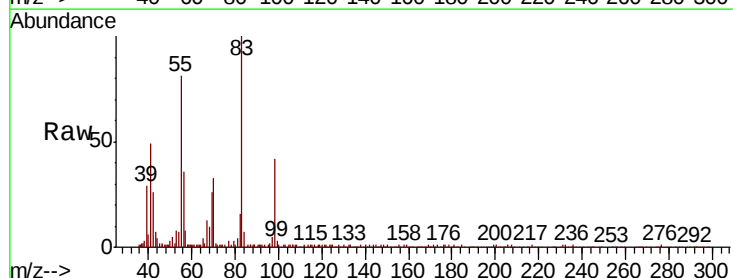
Tgt Ion: 83 Resp: 62089

Ion Ratio Lower Upper

83 100

55 79.3 61.9 92.9

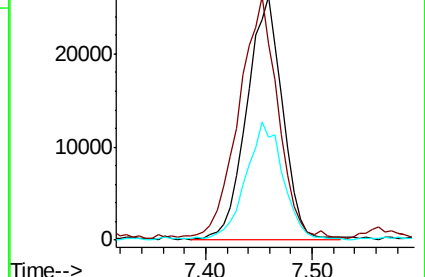
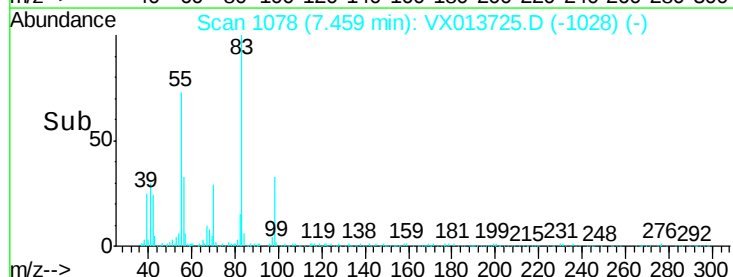
98 41.8 39.4 59.0

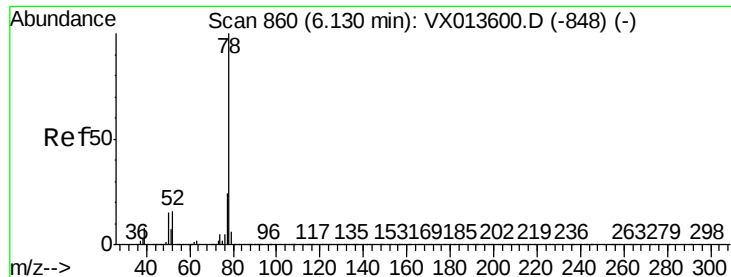


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 25.452 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

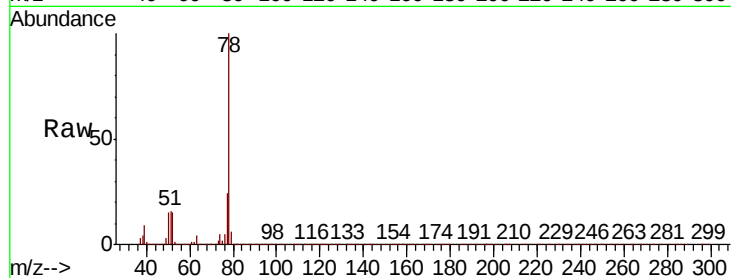
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 78 Resp: 723134

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

300000

250000

200000

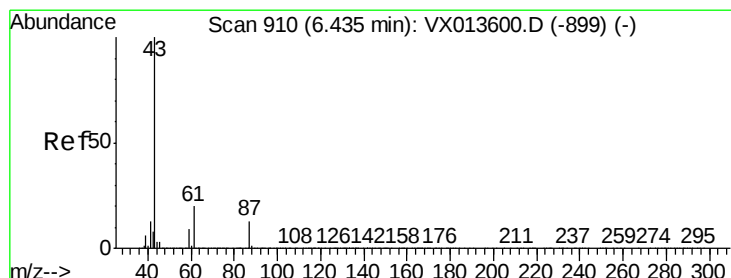
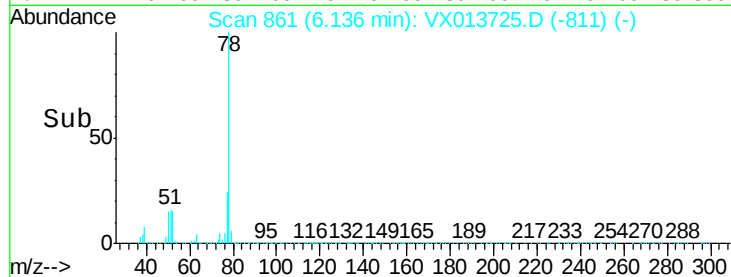
150000

100000

50000

0

Time-->



#43

Isopropyl Acetate

Concen: 2.988 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

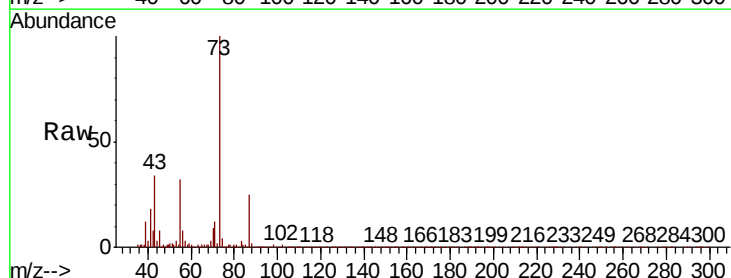
Tgt Ion: 43 Resp: 51486

Ion Ratio Lower Upper

43 100

61 0.0 16.3 24.5#

87 70.1 10.8 16.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

20000

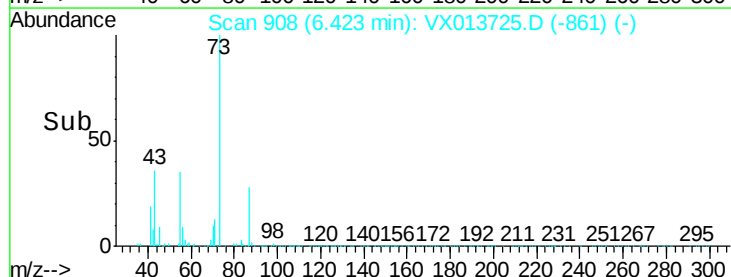
15000

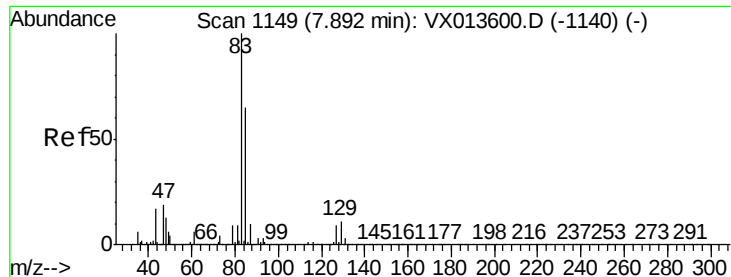
10000

5000

0

Time-->





#47

Bromodichloromethane

Concen: 0.434 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

Instrument :
MSVOA_X
ClientSampled :

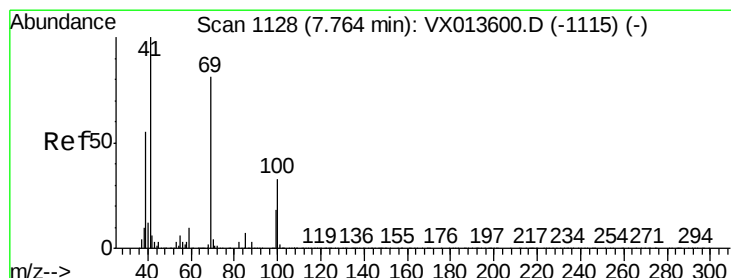
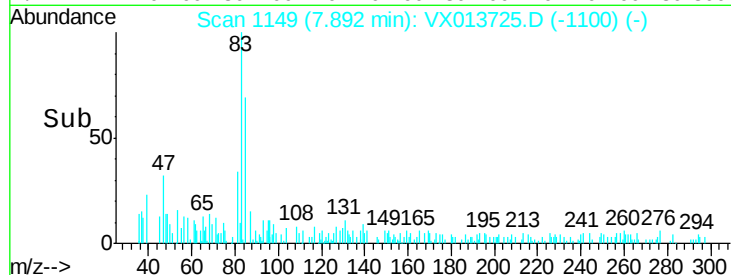
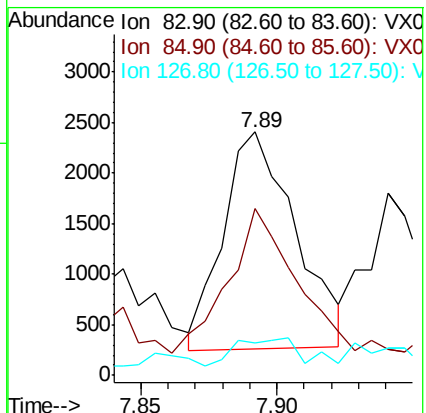
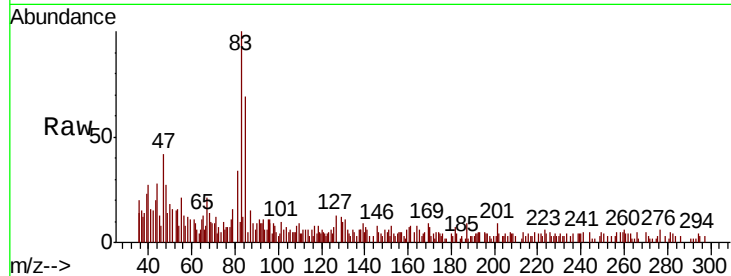
Tot Ion: 83 Resp: 3963

Ion Ratio Lower Upper

83 100

85 62.8 52.1 78.1

127 10.4 7.0 10.4



#48

Methyl methacrylate

Concen: 0.973 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.03 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

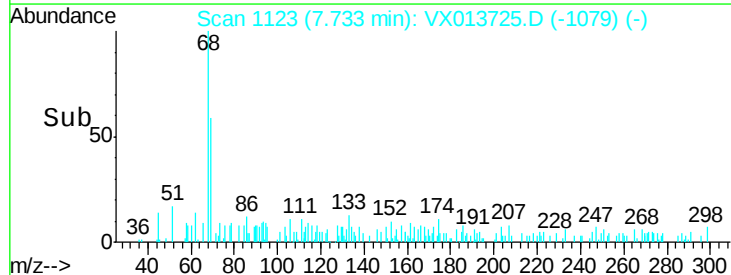
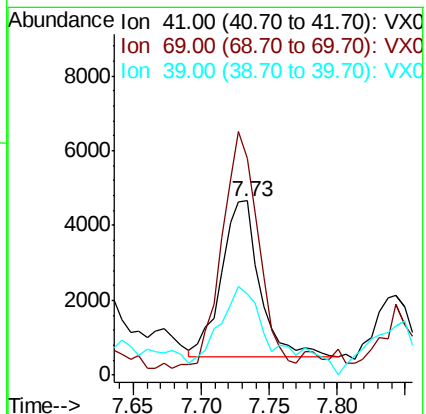
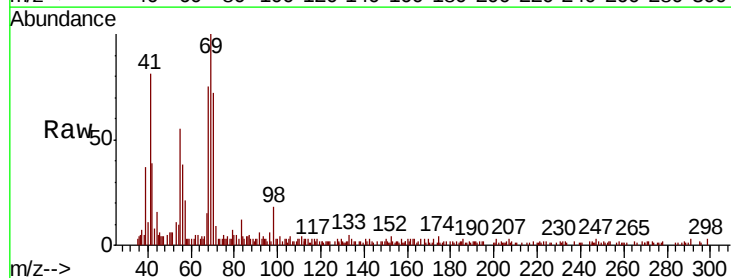
Tgt Ion: 41 Resp: 8148

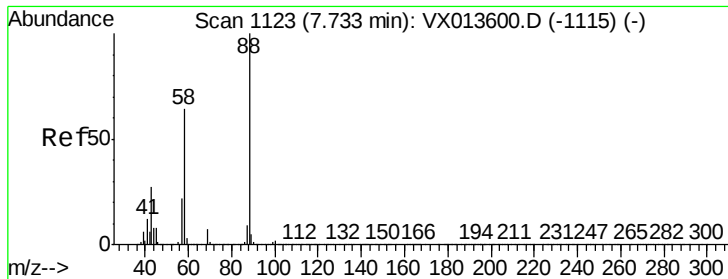
Ion Ratio Lower Upper

41 100

69 144.6 64.7 97.1#

39 52.5 43.8 65.6





#49

1,4-Dioxane

Concen: 4.445 ug/l

RT: 7.71 min Scan# 1119

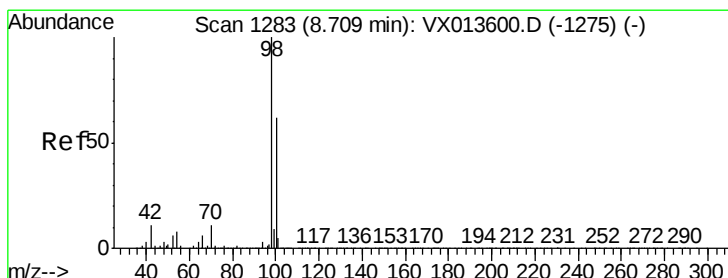
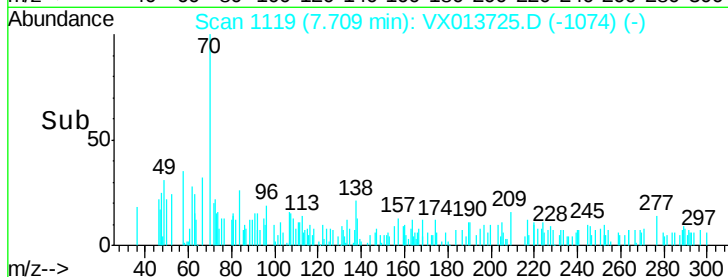
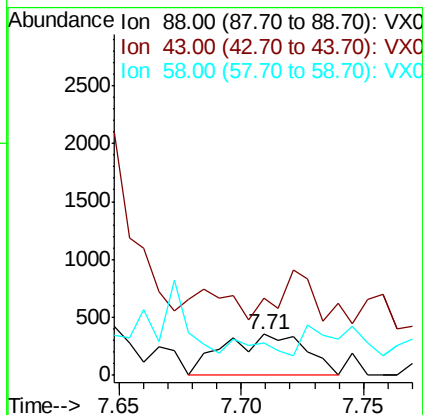
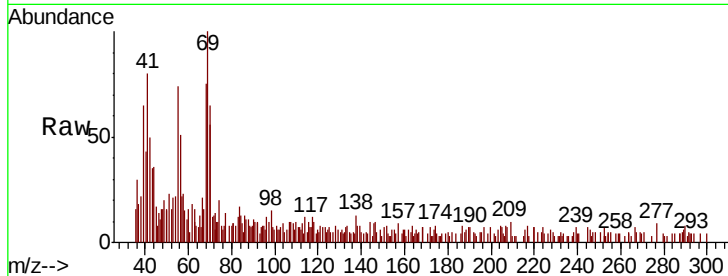
Delta R.T. -0.02 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	88	Resp:	833
Ion	Ratio	Lower	Upper
88	100		
43	68.4	25.8	38.6#
58	72.1	54.6	82.0



#50

Toluene-d8

Concen: 49.440 ug/l

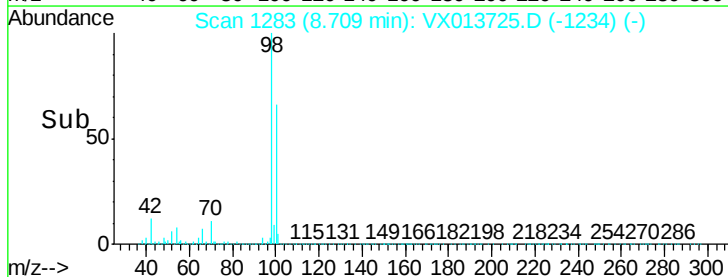
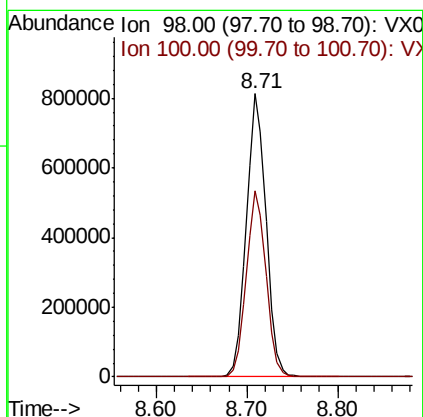
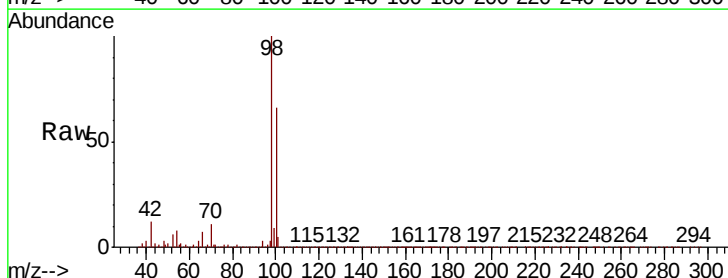
RT: 8.71 min Scan# 1283

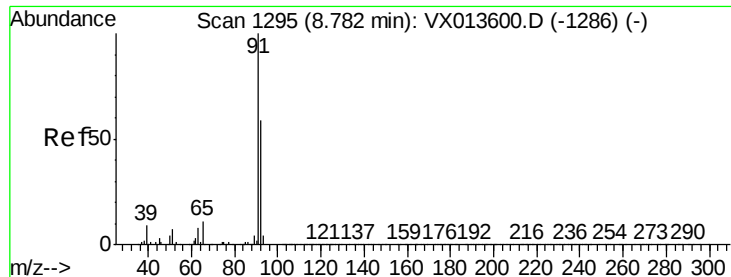
Delta R.T. 0.00 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

Tgt Ion:	98	Resp:	1223774
Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7





#52

Toluene

Concen: 3.045 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

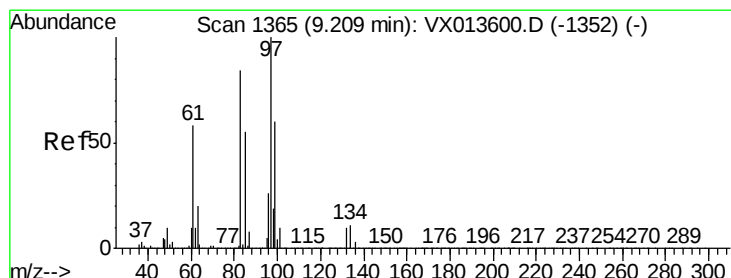
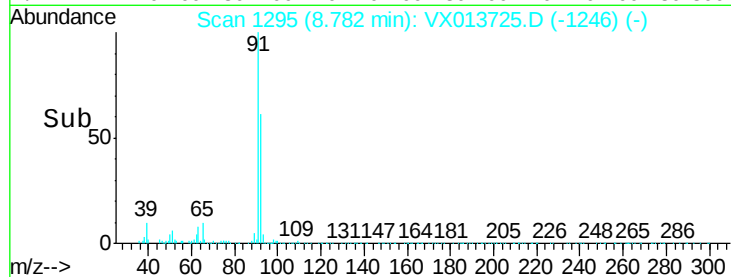
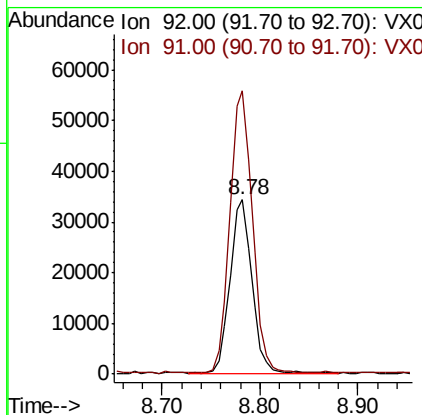
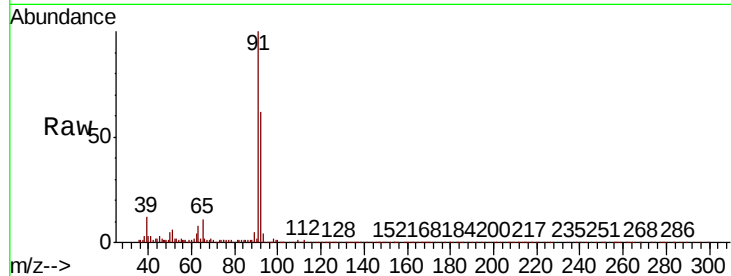
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 53750

Ion Ratio Lower Upper

92 100

91 165.4 136.2 204.2



#55

1,1,2-Trichloroethane

Concen: 2.758 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

Tgt Ion: 97 Resp: 19618

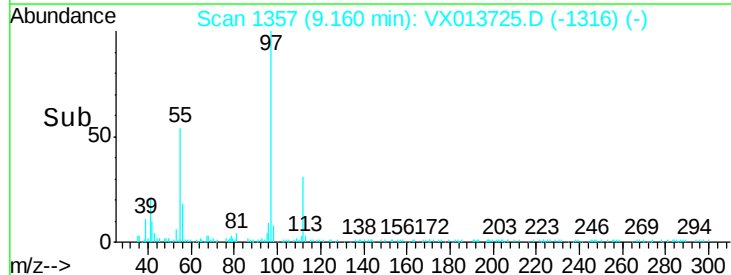
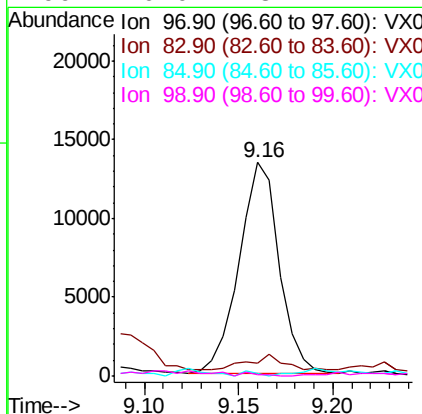
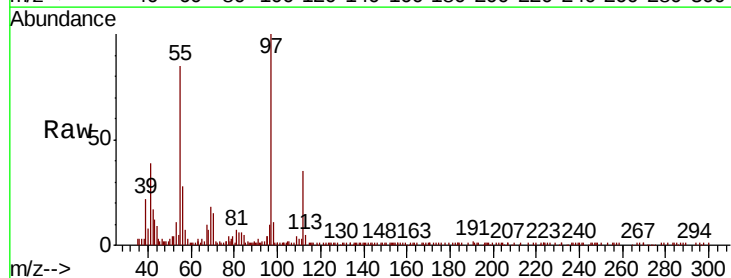
Ion Ratio Lower Upper

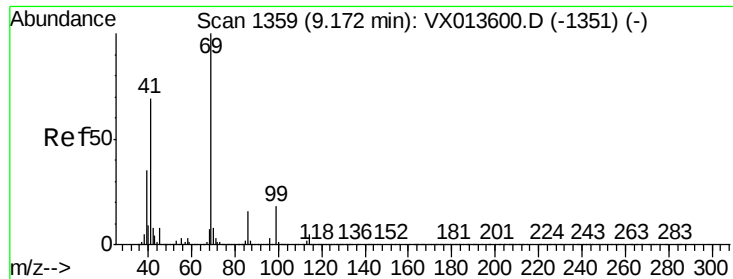
97 100

83 3.5 67.3 100.9#

85 0.0 43.6 65.4#

99 0.0 48.2 72.4#

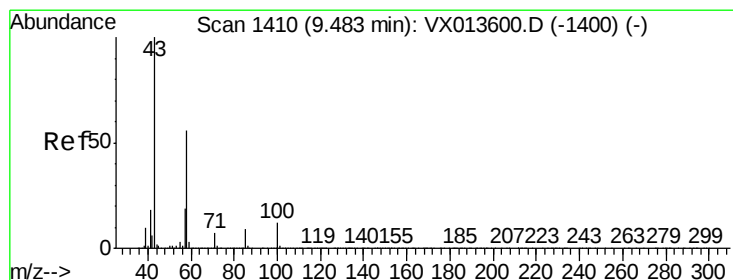
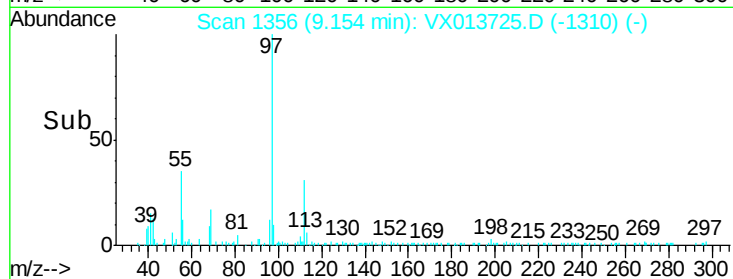
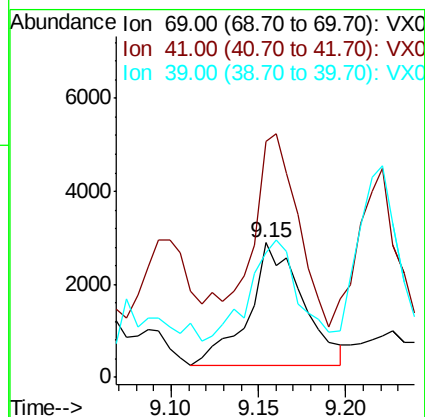
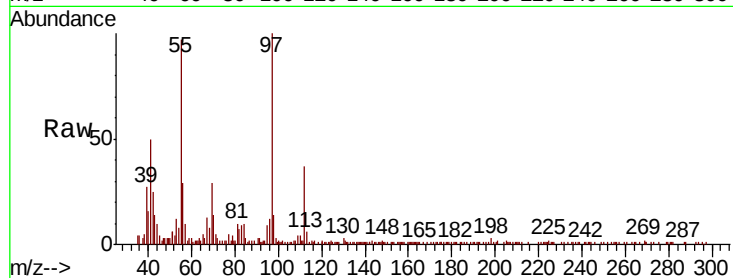




#56
Ethyl methacrylate
Concen: 0.494 ug/l
RT: 9.15 min Scan# 1356
Delta R.T. -0.02 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

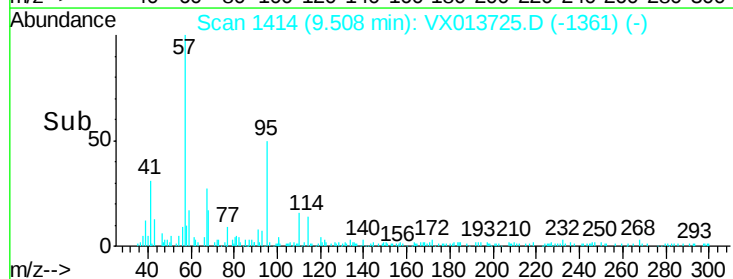
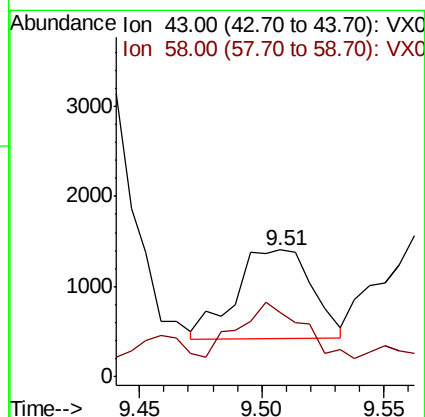
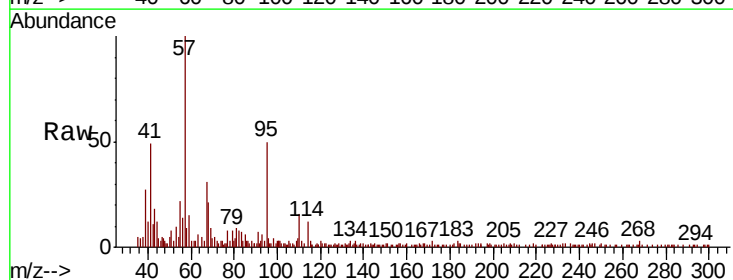
Instrument :
MSVOA_X
ClientSampled :

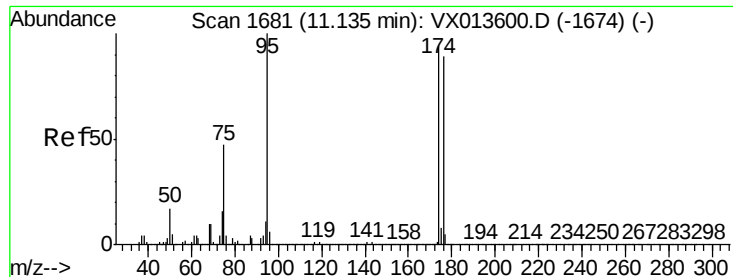
Tot Ion: 69 Resp: 5648
Ion Ratio Lower Upper
69 100
41 125.9 55.0 82.4#
39 72.9 28.7 43.1#



#59
2-Hexanone
Concen: 0.251 ug/l
RT: 9.51 min Scan# 1414
Delta R.T. 0.02 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

Tgt Ion: 43 Resp: 2125
Ion Ratio Lower Upper
43 100
58 64.9 28.1 84.4





#62

4-Bromofluorobenzene

Concen: 47.847 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

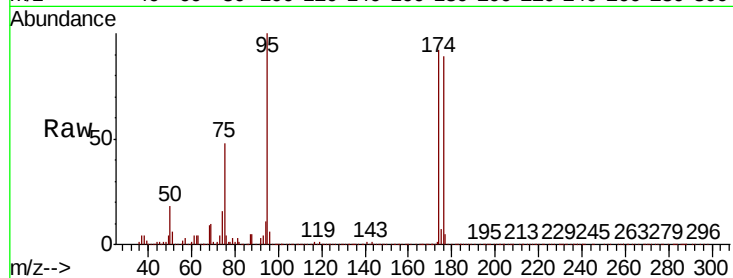
Tot Ion: 95 Resp: 427075

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.0

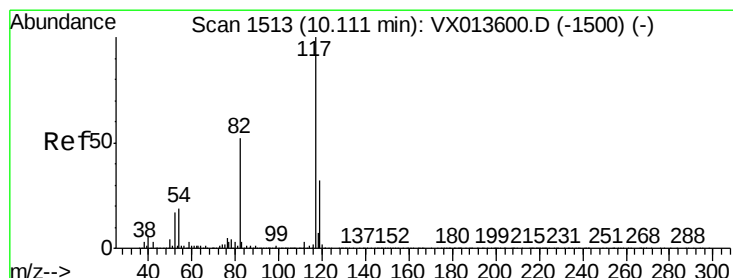
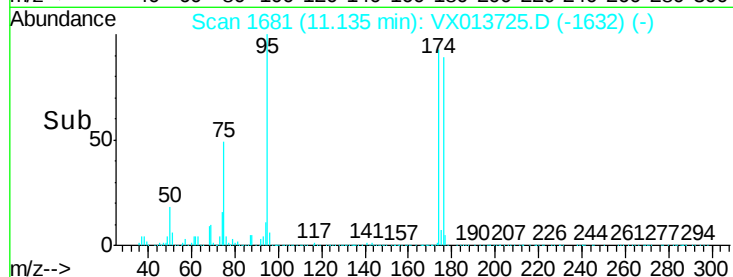
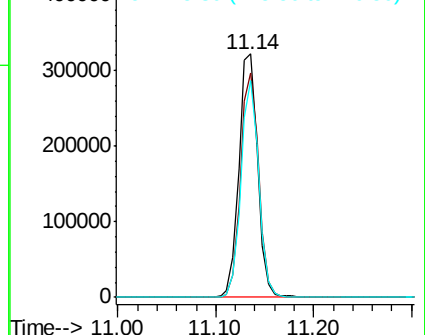
176 84.6 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

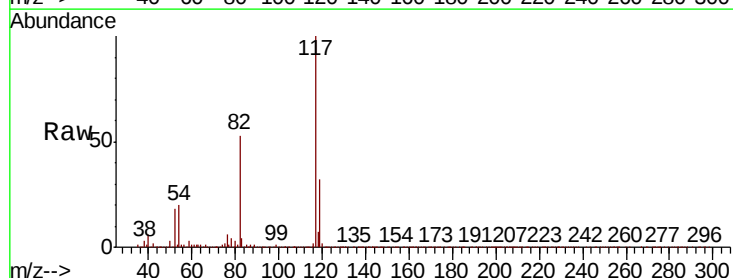
Tgt Ion: 117 Resp: 920895

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.8

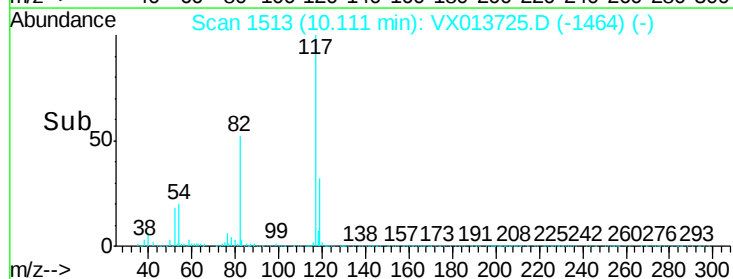
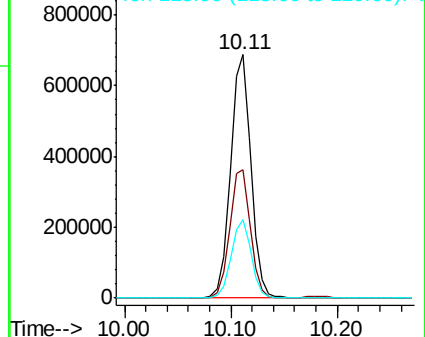
119 32.5 25.8 38.8

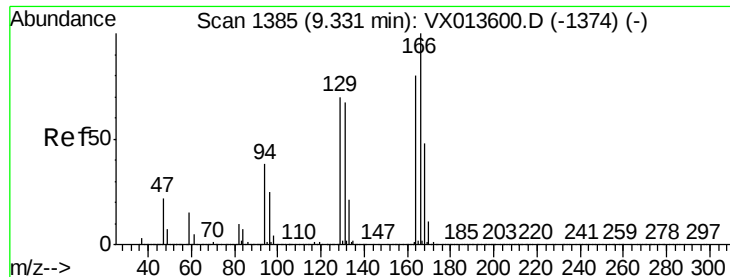


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.312 ug/l

RT: 9.34 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 2146

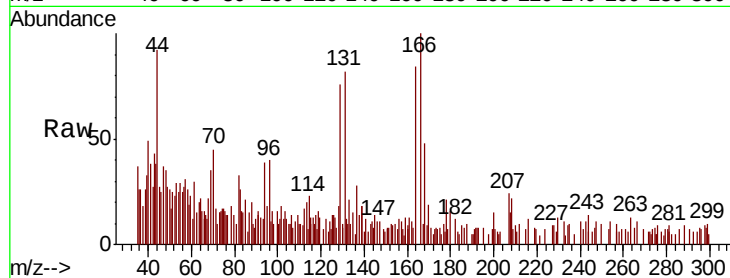
Ion Ratio Lower Upper

164 100

166 110.3 99.7 149.5

129 83.4 70.1 105.1

131 86.1 66.9 100.3

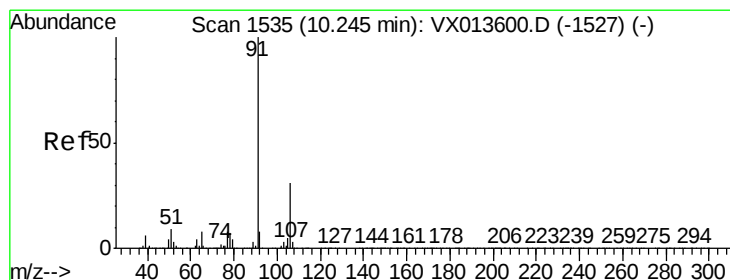
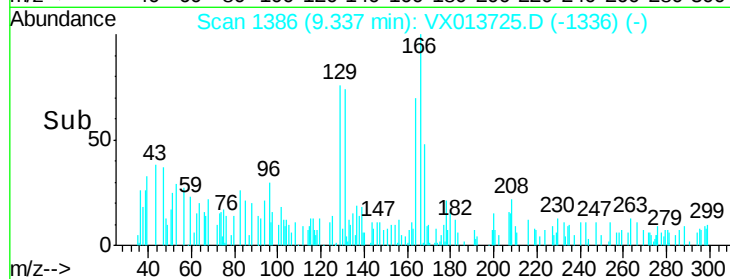
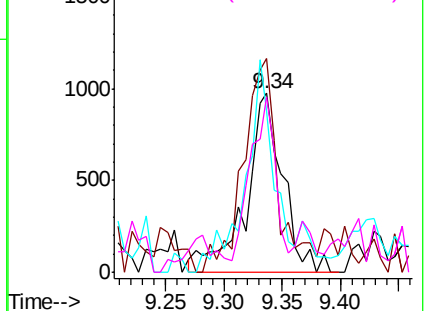


Abundance Ion 163.80 (163.50 to 164.50): V

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: 46.219 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013725.D

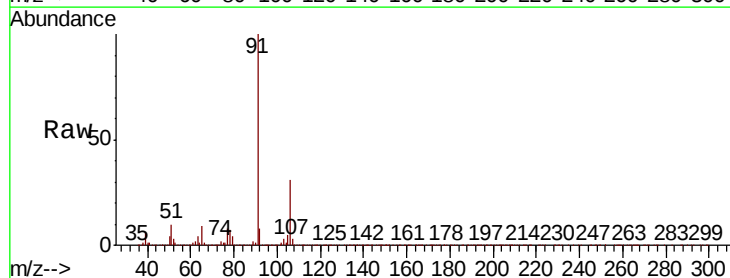
Acq: 03 Dec 2019 15:24

Tgt Ion: 91 Resp: 1518533

Ion Ratio Lower Upper

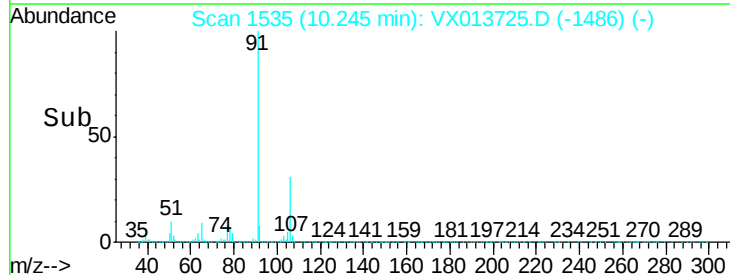
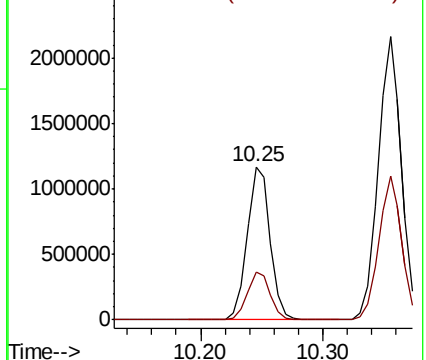
91 100

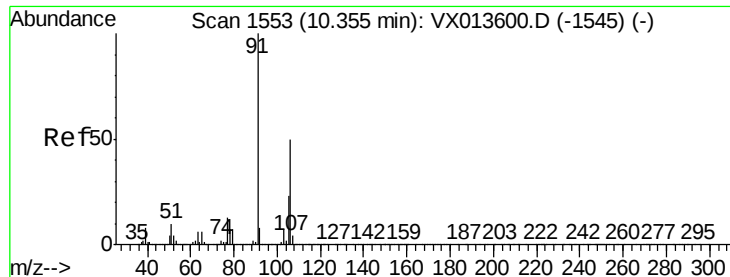
106 31.4 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 114.130 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

Instrument :

MSVOA_X

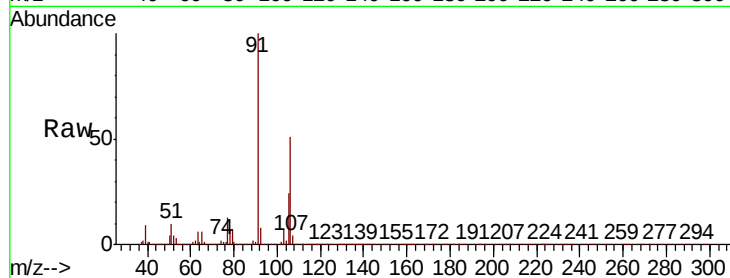
ClientSampled :

Tot Ion:106 Resp: 1435604

Ion Ratio Lower Upper

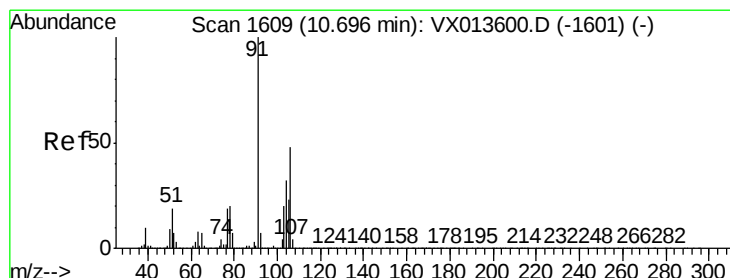
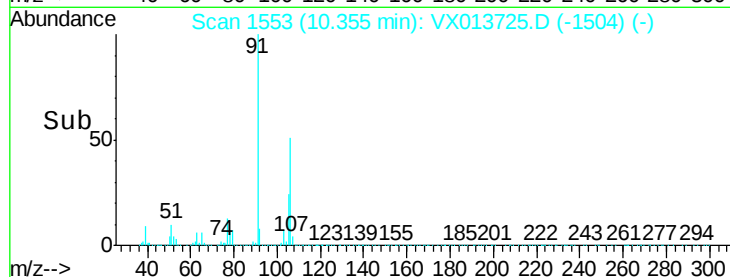
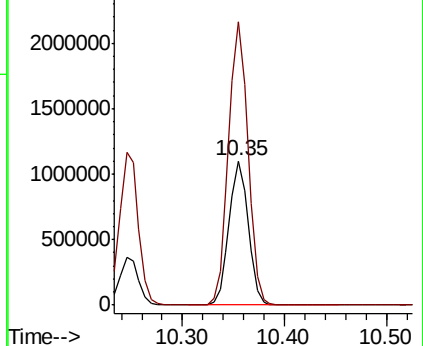
106 100

91 198.4 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 8.721 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013725.D

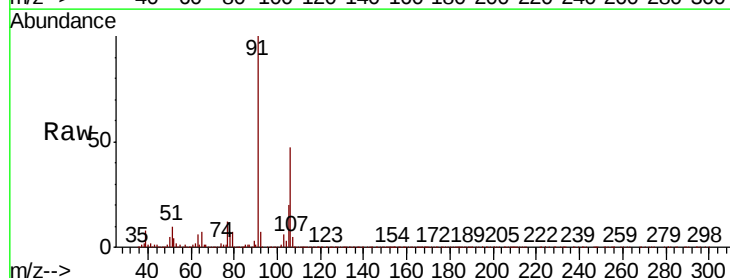
Acq: 03 Dec 2019 15:24

Tgt Ion:106 Resp: 106988

Ion Ratio Lower Upper

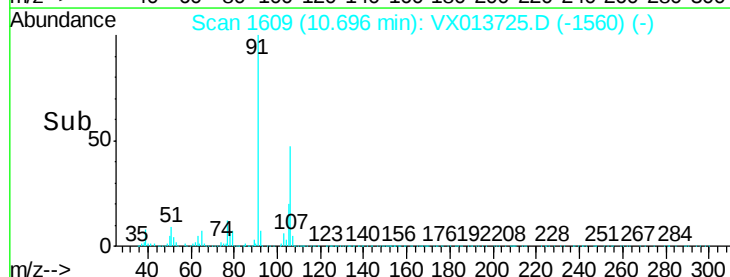
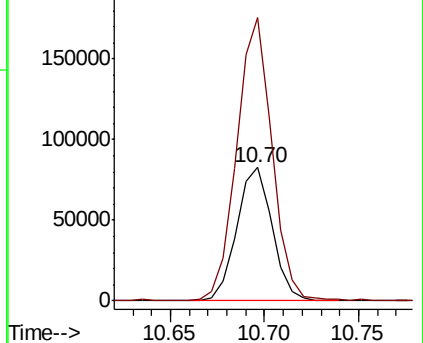
106 100

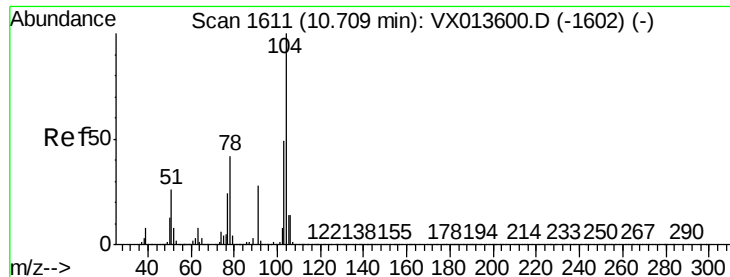
91 211.2 104.1 312.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

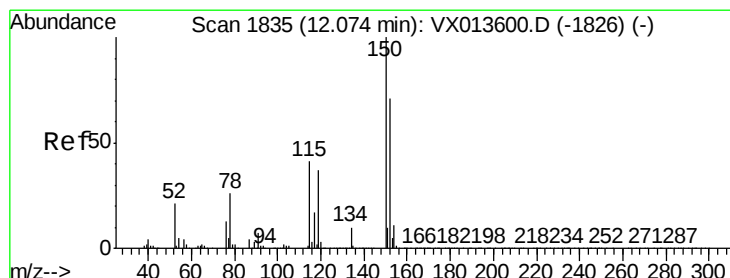
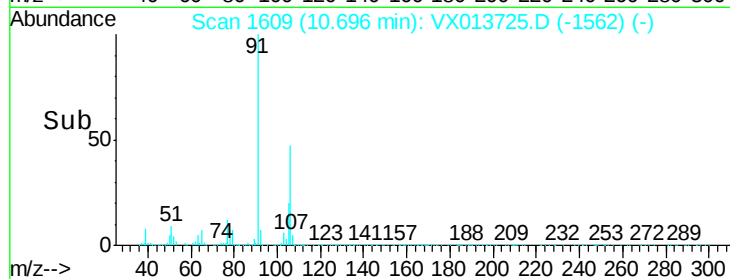
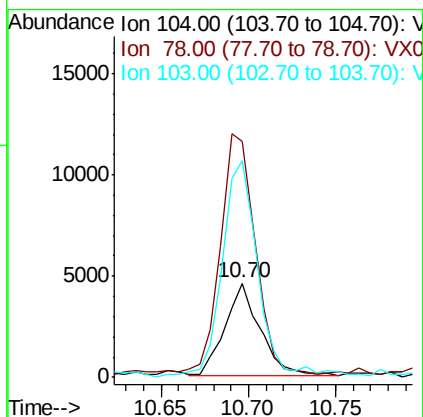
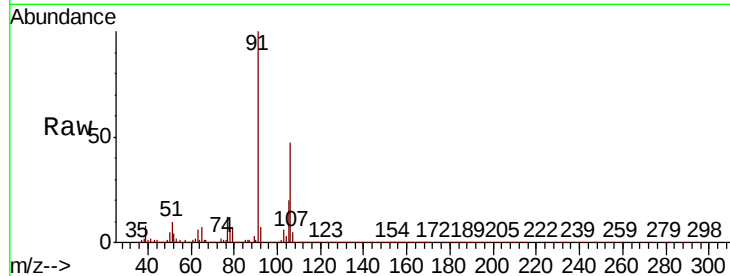




#70
Stvrene
Concen: 0.319 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

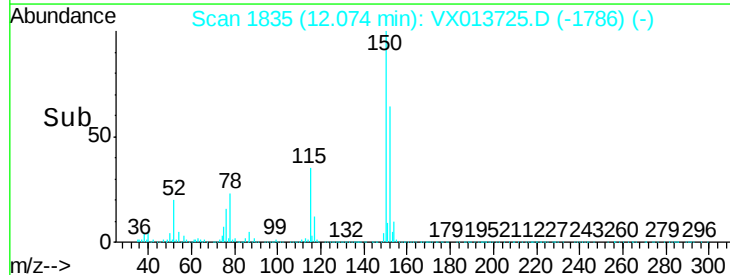
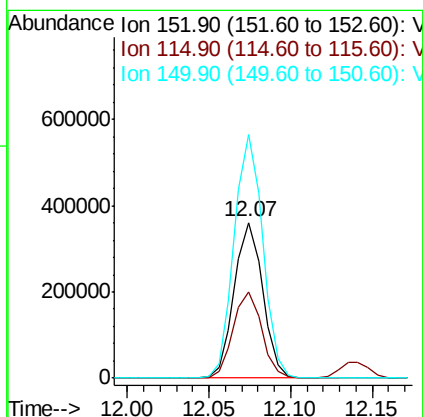
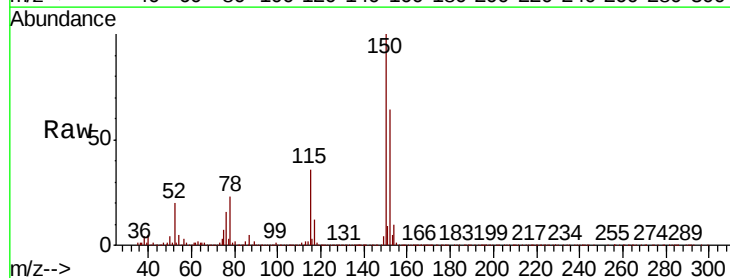
Instrument :
MSVOA_X
ClientSampleId :

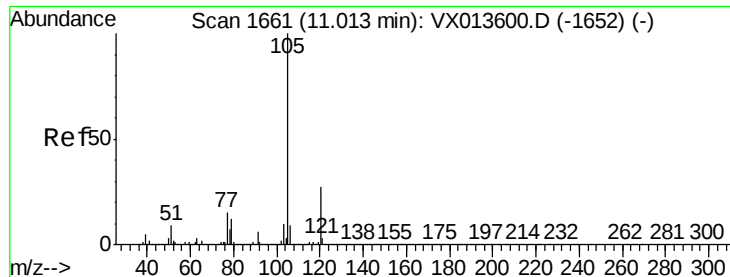
Tot Ion:104 Resp: 6583
Ion Ratio Lower Upper
104 100
78 250.4 38.5 57.7#
103 225.9 43.7 65.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

Tgt Ion:152 Resp: 439940
Ion Ratio Lower Upper
152 100
115 55.4 38.4 115.1
150 157.1 0.0 346.8





#73

Isopropylbenzene

Concen: 6.917 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

Instrument :

MSVOA_X

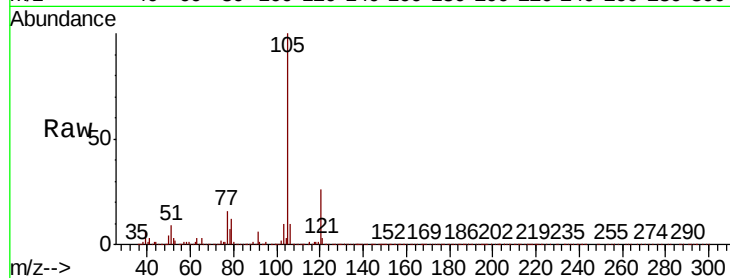
ClientSampleId :

Tot Ion:105 Resp: 213449

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

200000

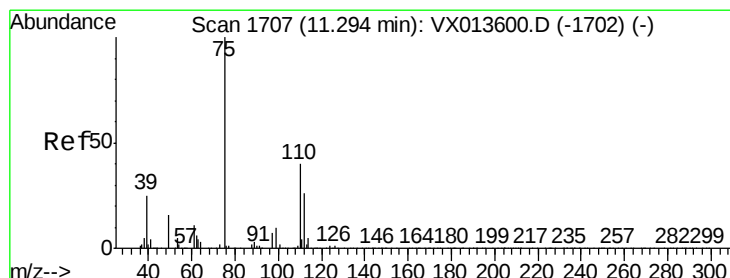
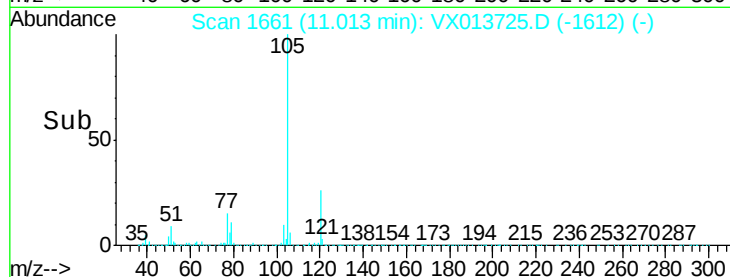
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 0.635 ug/l

RT: 11.45 min Scan# 1732

Delta R.T. 0.15 min

Lab File: VX013725.D

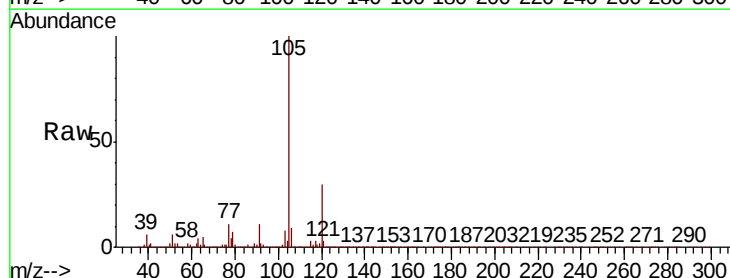
Acq: 03 Dec 2019 15:24

Tgt Ion: 75 Resp: 6281

Ion Ratio Lower Upper

75 100

77 1231.8 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

40000

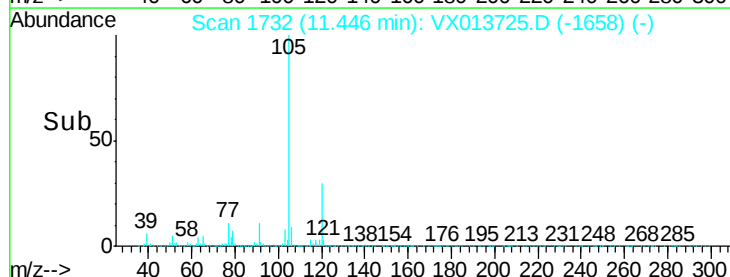
30000

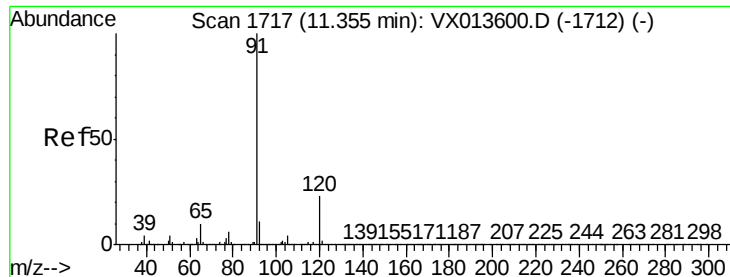
20000

10000

0

Time-->





#78

n-propylbenzene

Concen: 11.774 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

Instrument :

MSVOA_X

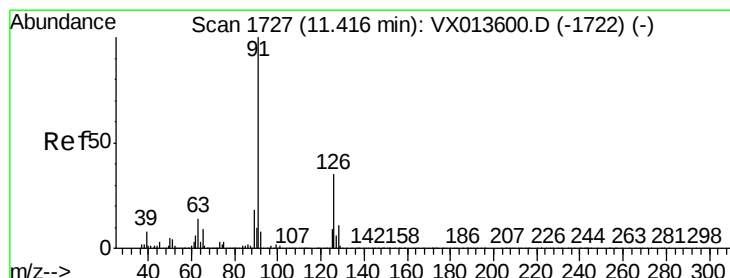
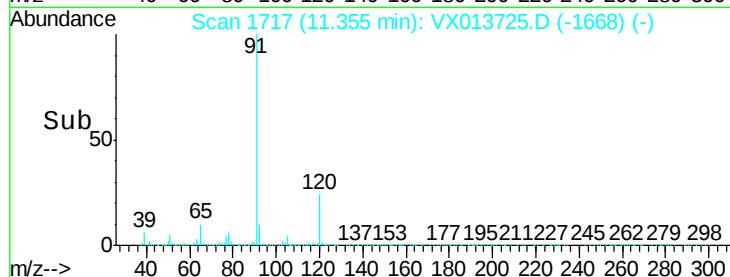
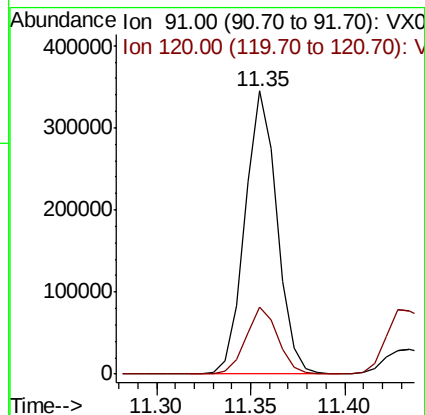
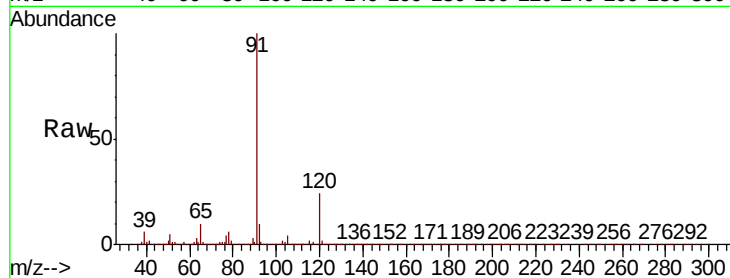
ClientSampleId :

Tot Ion: 91 Resp: 405608

Ion Ratio Lower Upper

91 100

120 23.3 11.8 35.3



#79

2-Chlorotoluene

Concen: 3.816 ug/l

RT: 11.45 min Scan# 1732

Delta R.T. 0.03 min

Lab File: VX013725.D

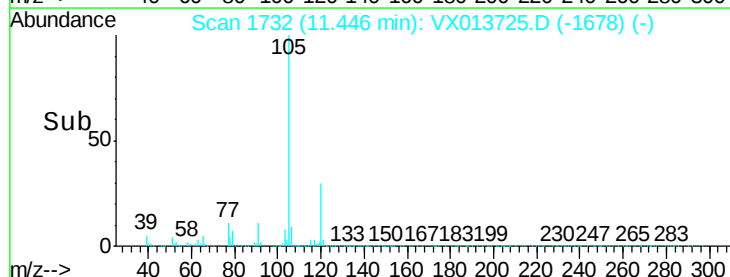
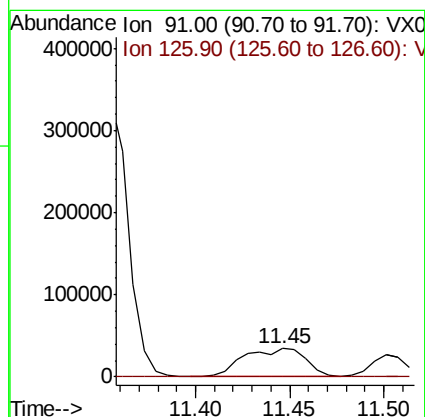
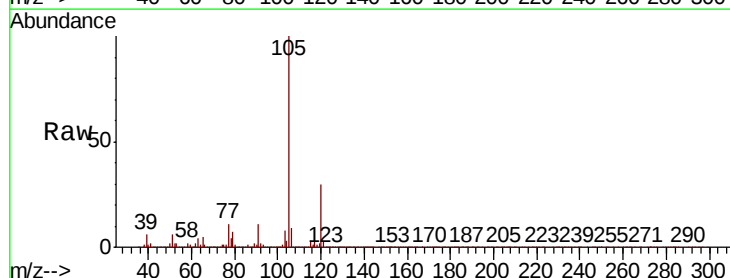
Acq: 03 Dec 2019 15:24

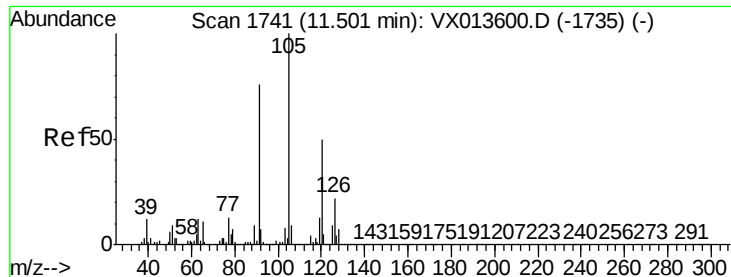
Tgt Ion: 91 Resp: 78866

Ion Ratio Lower Upper

91 100

126 0.4 17.5 52.5#

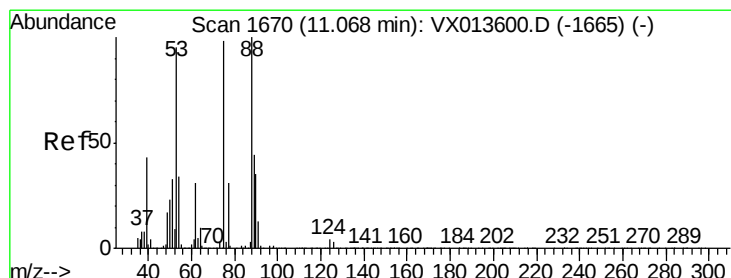
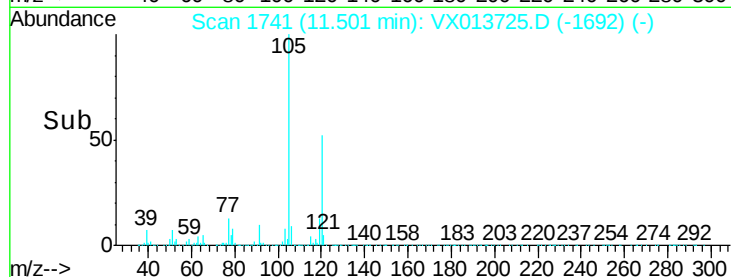
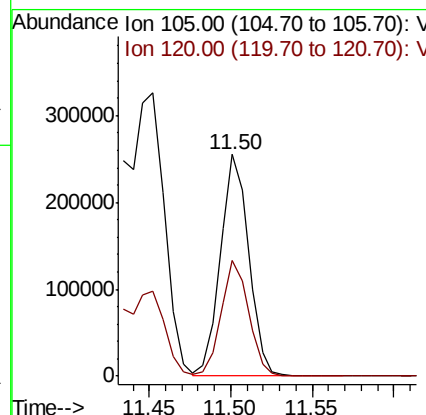
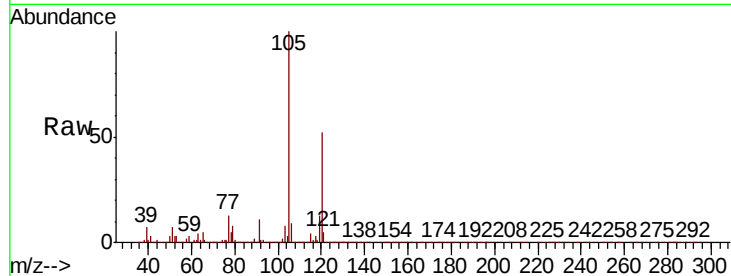




#80
 1,3,5-Trimethylbenzene
 Concen: 12.203 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013725.D
 Acq: 03 Dec 2019 15:24

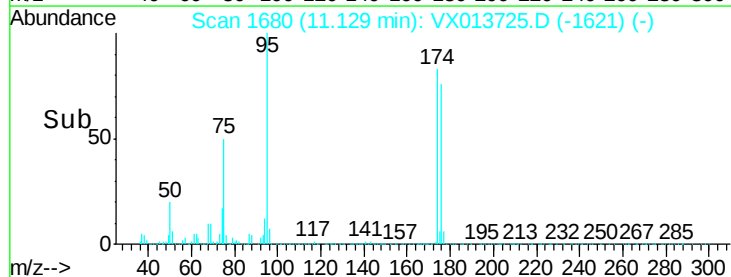
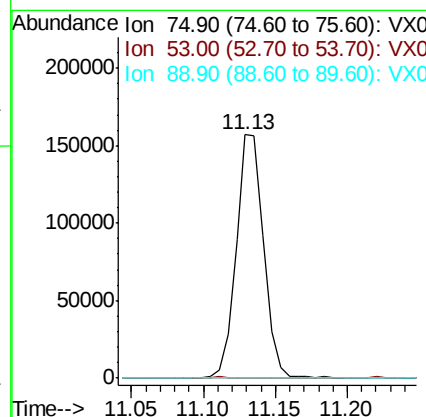
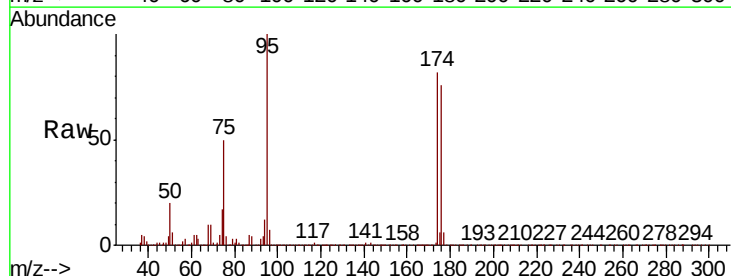
Instrument :
 MSVOA_X
 ClientSampleId :

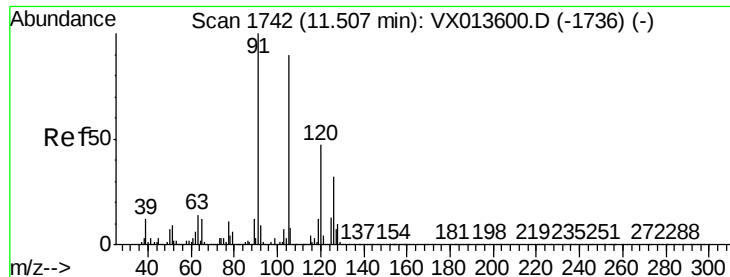
Tot Ion:105 Resp: 308638
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.3 75.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.297 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX013725.D
 Acq: 03 Dec 2019 15:24

Tgt Ion: 75 Resp: 207233
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.2 117.2#
 89 0.0 35.4 53.2#

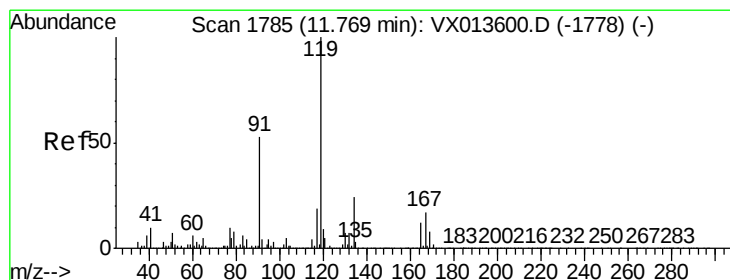
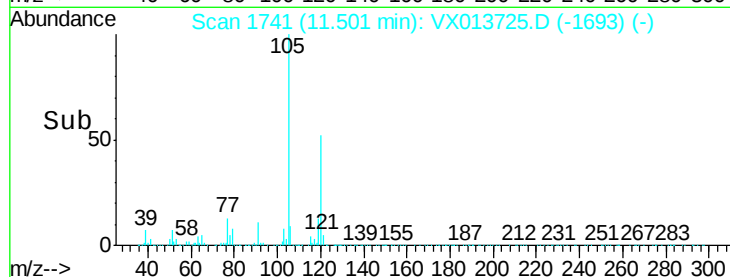
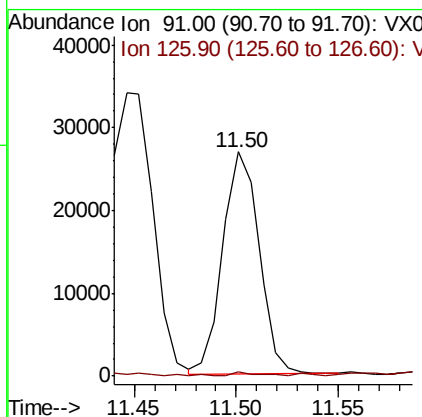
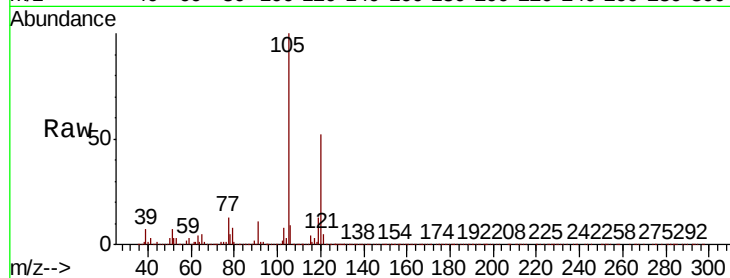




#82
4-Chlorotoluene
Concen: 1.381 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

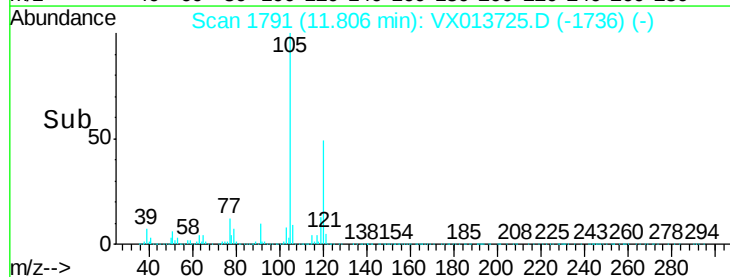
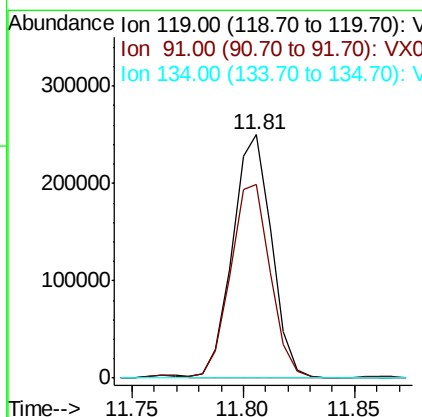
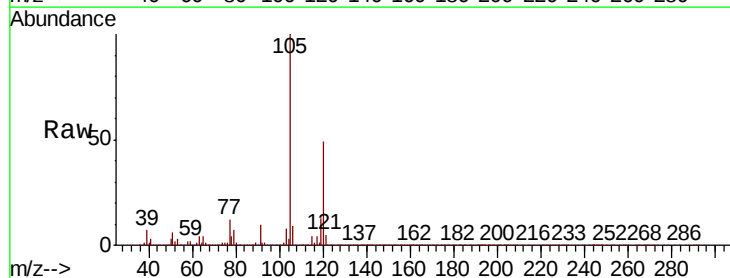
Instrument :
MSVOA_X
ClientSampleId :

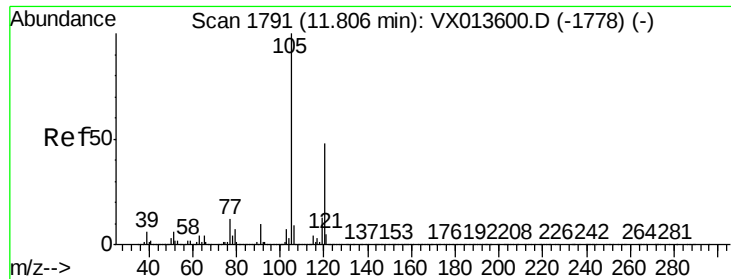
Tot Ion: 91 Resp: 33060
Ion Ratio Lower Upper
91 100
126 1.0 15.7 47.0#



#83
tert-Butylbenzene
Concen: 11.809 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.04 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

Tgt Ion: 119 Resp: 303535
Ion Ratio Lower Upper
119 100
91 82.9 27.2 81.6#
134 0.1 11.7 35.1#





#84

1,2,4-Trimethylbenzene

Concen: 96.560 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

Instrument :

MSVOA_X

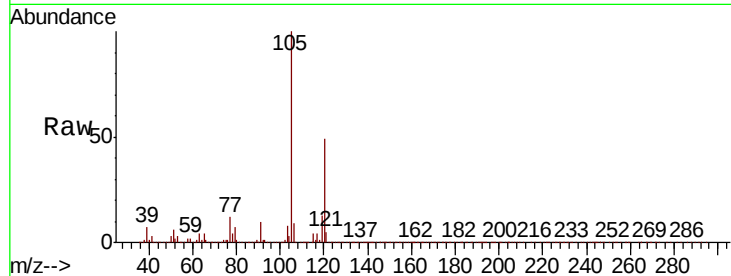
ClientSampleId :

Tot Ion:105 Resp: 2478646

Ion Ratio Lower Upper

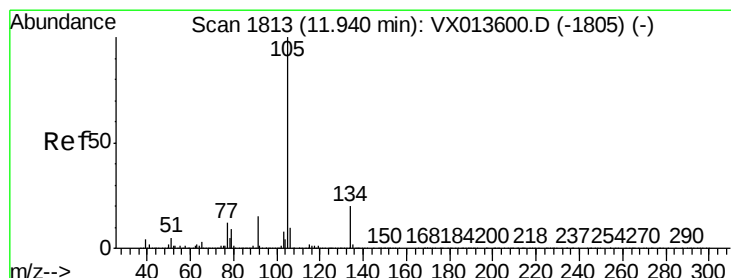
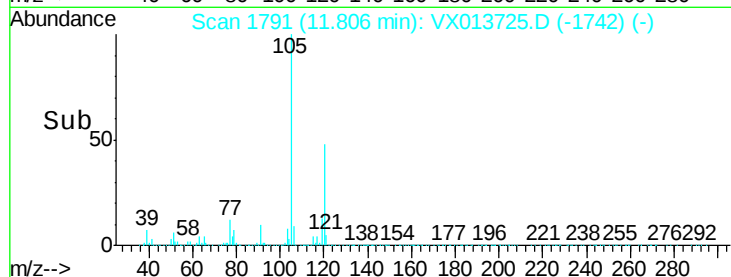
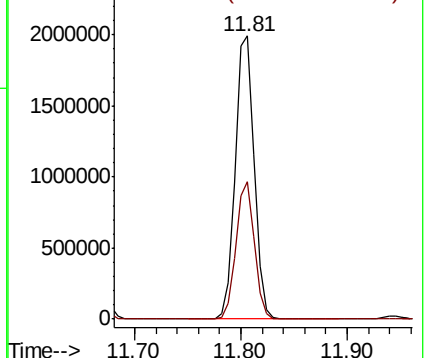
105 100

120 47.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 84.422 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. -0.13 min

Lab File: VX013725.D

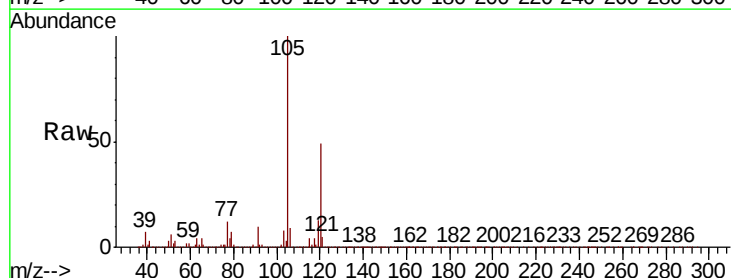
Acq: 03 Dec 2019 15:24

Tgt Ion:105 Resp: 2478667

Ion Ratio Lower Upper

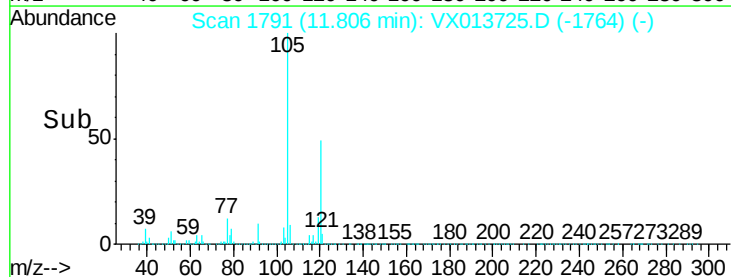
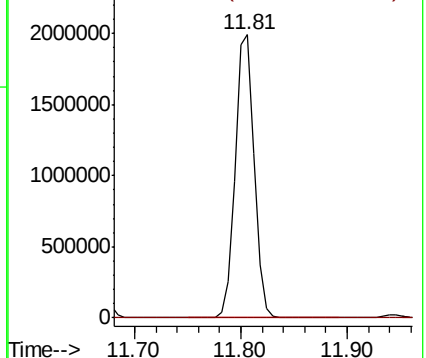
105 100

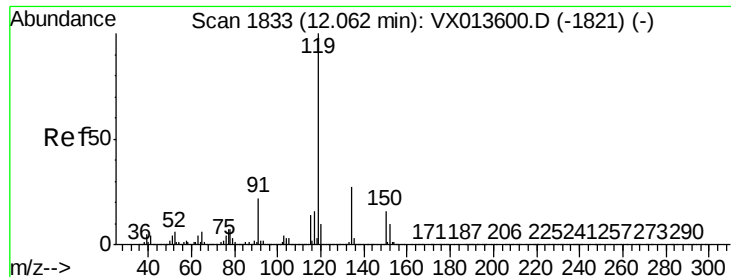
134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 0.401 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013725.D

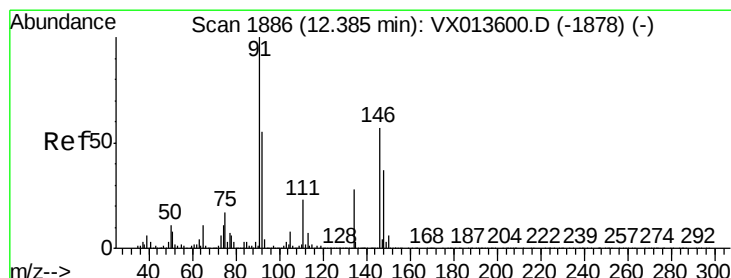
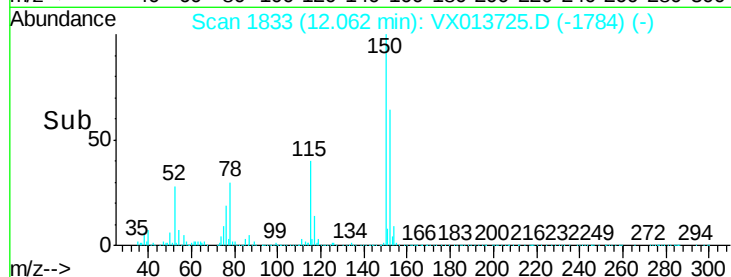
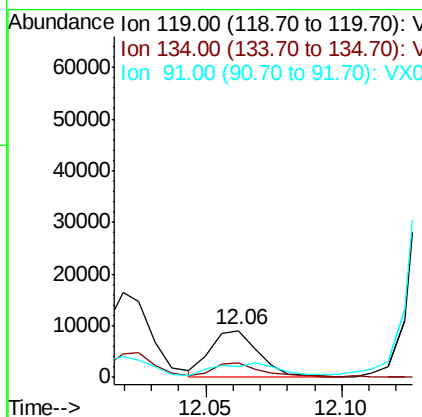
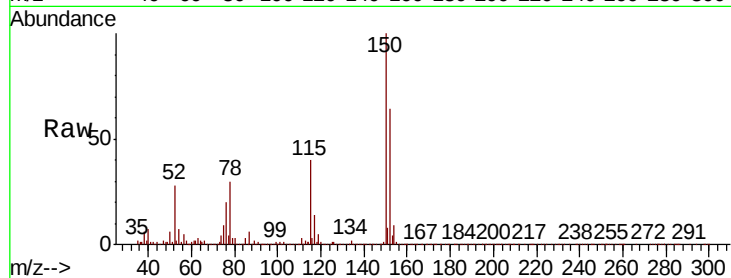
Acq: 03 Dec 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	119	Resp:	10957
Ion	Ratio	Lower	Upper
119	100		
134	29.8	13.3	39.9
91	0.0	11.3	33.8#



#89

n-Butylbenzene

Concen: 2.533 ug/l

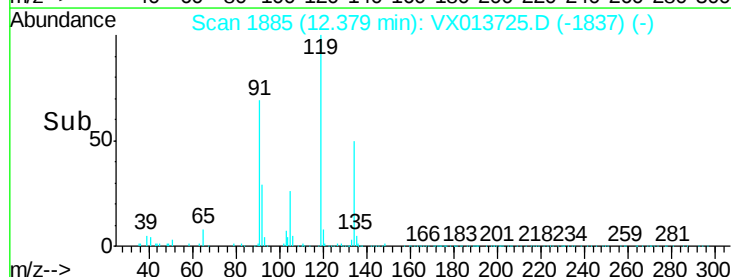
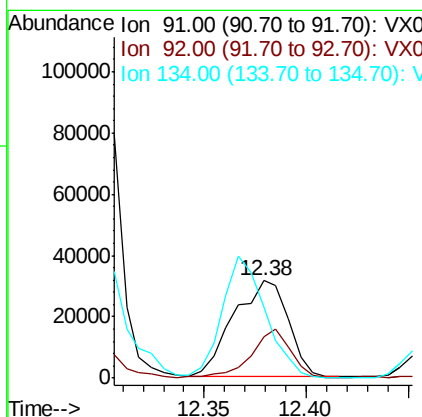
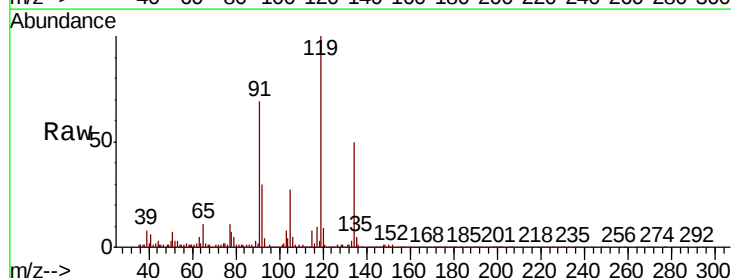
RT: 12.38 min Scan# 1885

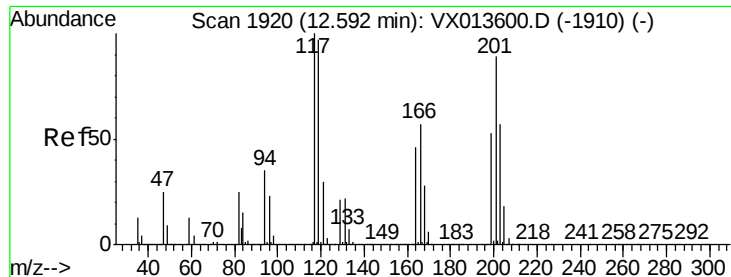
Delta R.T. -0.01 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

Tgt Ion:	91	Resp:	59006
Ion	Ratio	Lower	Upper
91	100		
92	35.7	27.4	82.2
134	97.9	13.5	40.4#





#90

Hexachloroethane

Concen: 7.905 ug/l

RT: 12.67 min Scan# 1932

Delta R.T. 0.07 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

Instrument :

MSVOA_X

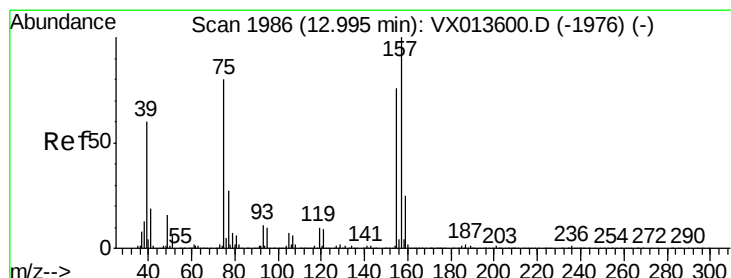
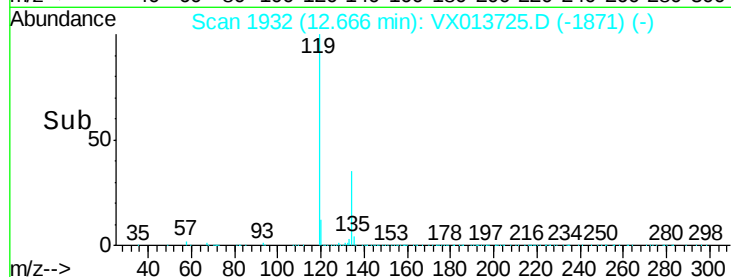
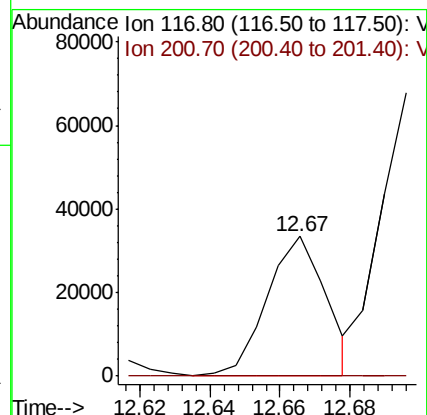
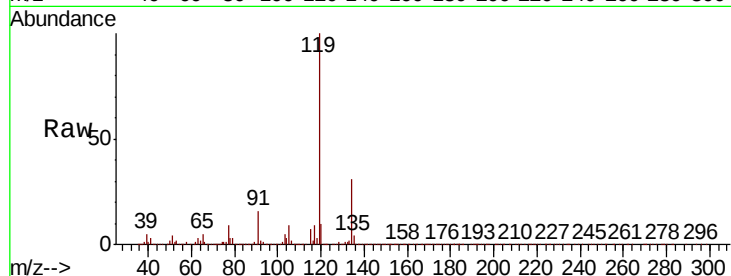
ClientSampleId :

Tot Ion:117 Resp: 39025

Ion Ratio Lower Upper

117 100

201 0.5 44.1 132.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.081 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX013725.D

Acq: 03 Dec 2019 15:24

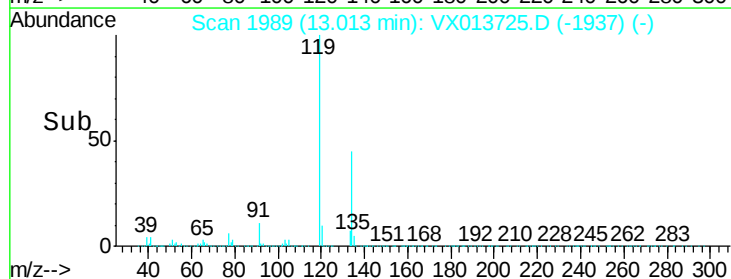
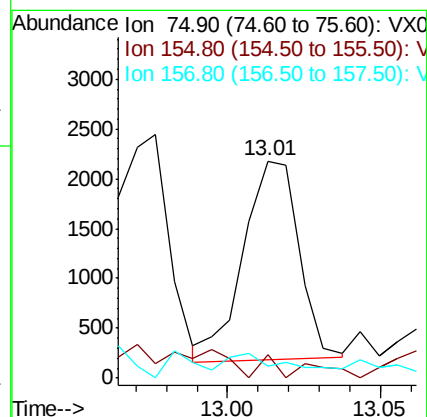
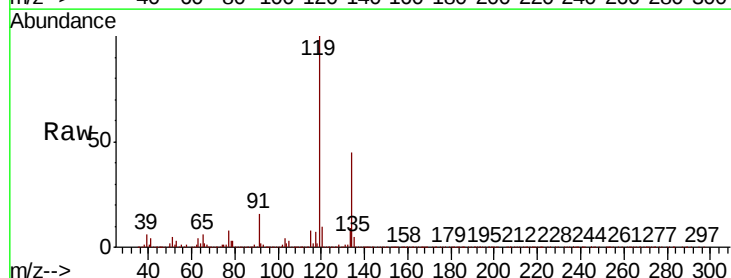
Tgt Ion: 75 Resp: 2520

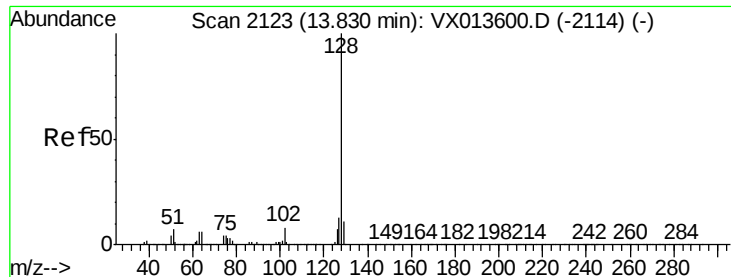
Ion Ratio Lower Upper

75 100

155 3.5 47.6 142.8#

157 8.8 62.1 186.2#





#95
Naphthalene
Concen: 38.871 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013725.D
Acq: 03 Dec 2019 15:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1158404
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.2 8.7 13.1

