

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011620\
 Data File : VX014639.D
 Acq On : 16 Jan 2020 15:34
 Operator : JC/SP
 Sample : L1159-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 4001157623

Quant Time: Jan 17 05:56:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	72637	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	397285	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	360969	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	156306	30.61	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.03%
60) 4-Bromofluorobenzene	11.13	95	168971	29.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.50%
63) Toluene-d8	8.71	98	488757	29.98	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.93%

Target Compounds

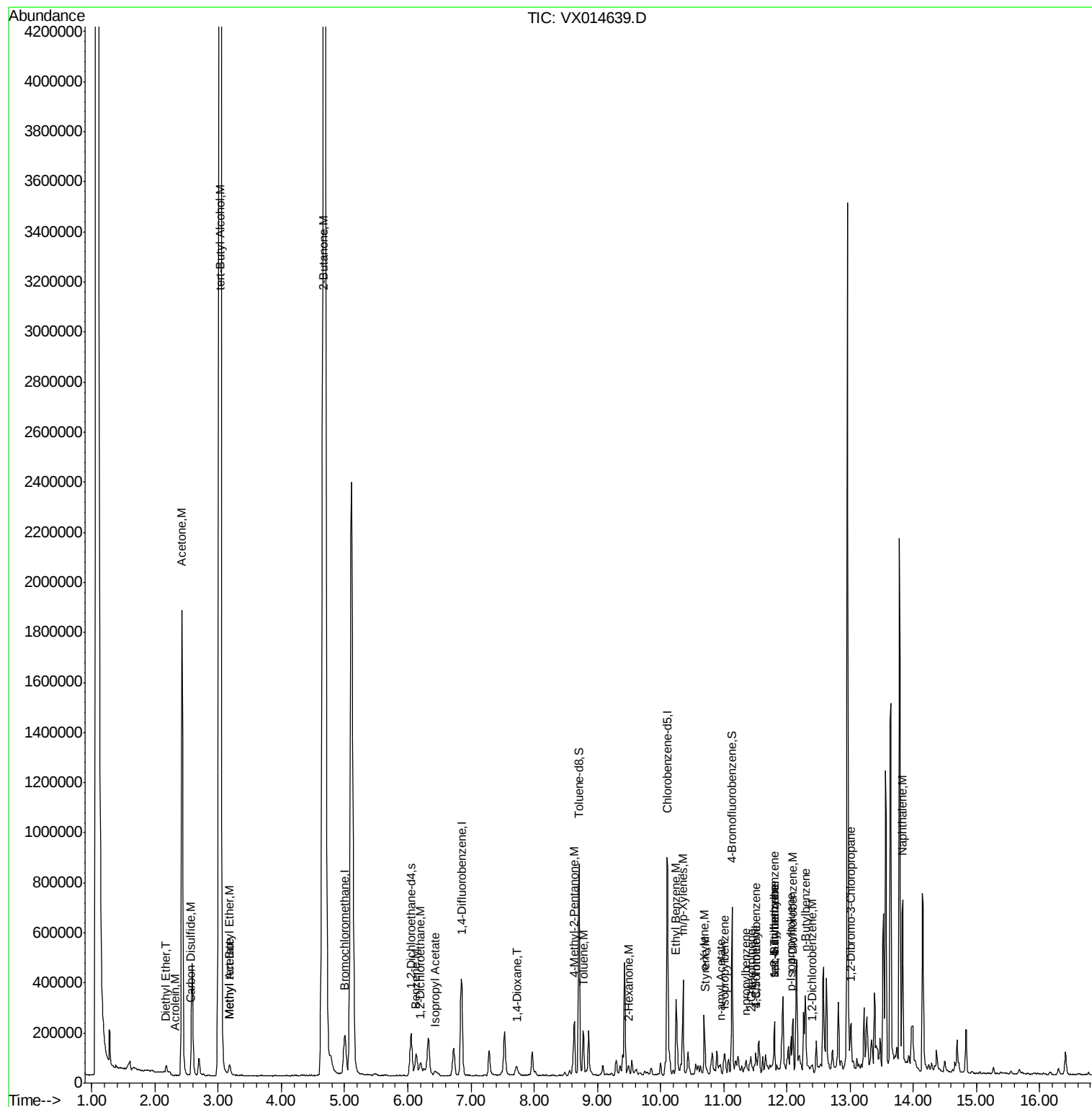
					Ovalue
8) Diethyl Ether	2.18	74	8816	2.954	ug/l 93
12) Methyl Acetate	3.18	43	10987	1.513	ug/l 93
13) Acrolein	2.33	56	223	0.292	ug/l 87
15) Acetone	2.42	58	623030	747.708	ug/l 89
16) Carbon Disulfide	2.56	76	6242	0.565	ug/l 99
23) tert-Butyl Alcohol	3.03	59	11911874	11588.449	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	43857	3.277	ug/l # 85
30) 2-Butanone	4.65	43	2768312	750.043	ug/l 98
34) Benzene	6.13	78	110808	6.154	ug/l 95
36) 1,2-Dichloroethane	6.19	62	5179	0.827	ug/l # 83
44) Isopropyl Acetate	6.43	43	9026	0.837	ug/l # 71
45) 1,4-Dioxane	7.73	88	18605	172.561	ug/l 97
47) n-amyl Acetate	10.94	43	14439	1.599	ug/l 95
58) 4-Methyl-2-Pentanone	8.64	43	137195	20.183	ug/l 96
59) 2-Hexanone	9.49	43	22070	4.198	ug/l 96
62) Toluene	8.78	91	85762	4.478	ug/l 100
66) Ethyl Benzene	10.25	91	170246	8.161	ug/l 96
67) m/p-Xylenes	10.36	106	84269	10.547	ug/l 98
68) o-Xylene	10.70	106	50275	6.462	ug/l 100
69) Styrene	10.71	104	9411	0.714	ug/l # 24
70) Isopropylbenzene	11.01	105	27581	1.353	ug/l 99
74) n-propylbenzene	11.35	91	9069	0.389	ug/l 93
75) 2-Chlorotoluene	11.43	91	6352	0.455	ug/l 76
76) 1,3,5-Trimethylbenzene	11.50	105	15808	0.931	ug/l 98
78) 4-Chlorotoluene	11.51	91	3541	0.223	ug/l 54
79) tert-butylbenzene	11.80	119	9856	0.620	ug/l 38
80) 1,2,4-Trimethylbenzene	11.80	105	82850	4.891	ug/l 99
81) sec-Butylbenzene	11.80	105	82850	4.213	ug/l 57
82) p-Isopropyltoluene	12.06	119	44391	2.473	ug/l 96
84) 1,4-Dichlorobenzene	12.09	146	64926	6.941	ug/l 98
85) n-Butylbenzene	12.29	91	21439	1.365	ug/l 61
87) 1,2-Dichlorobenzene	12.39	146	3641	0.382	ug/l 97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	778	0.530	ug/l # 19
91) Naphthalene	13.83	128	365229	19.256	ug/l 99

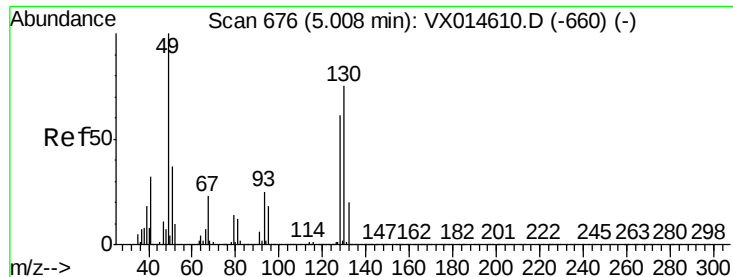
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 15 12:41:12 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014639.D

Acq: 16 Jan 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

4001157623

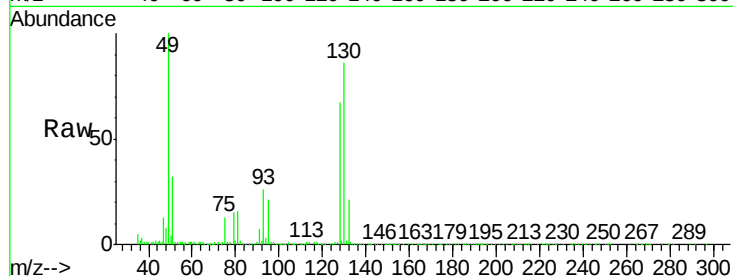
Tot Ion:128 Resp: 72637

Ion Ratio Lower Upper

128 100

49 154.1 0.0 405.0

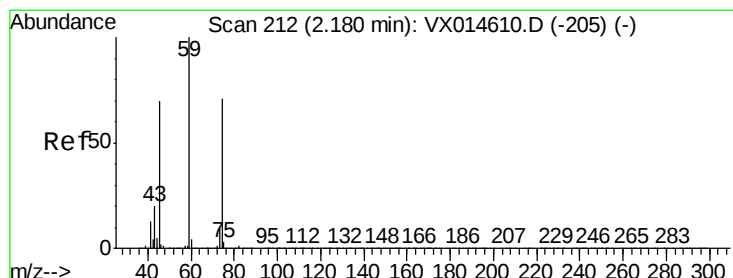
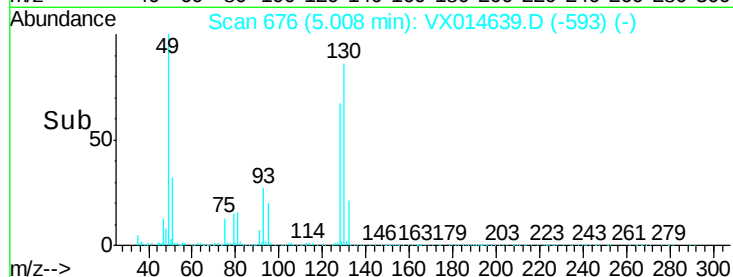
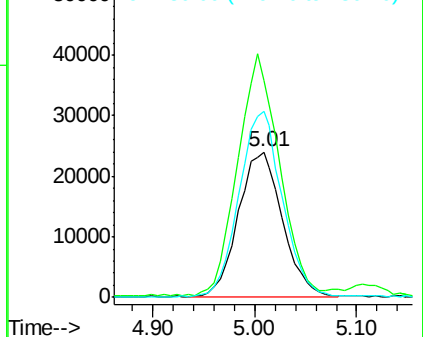
130 124.9 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#8

Diethyl Ether

Concen: 2.954 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX014639.D

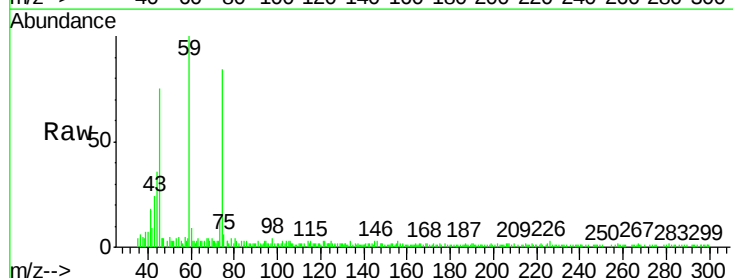
Acq: 16 Jan 2020 15:34

Tgt Ion: 74 Resp: 8816

Ion Ratio Lower Upper

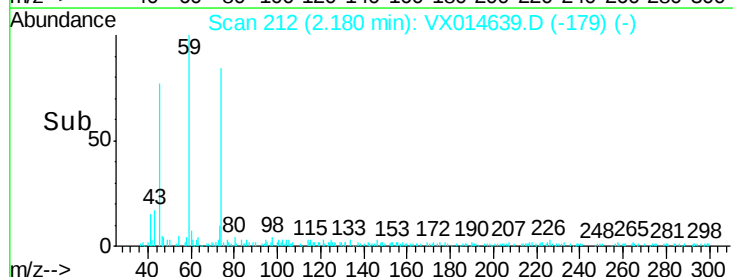
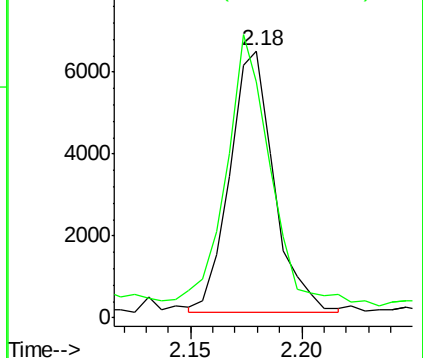
74 100

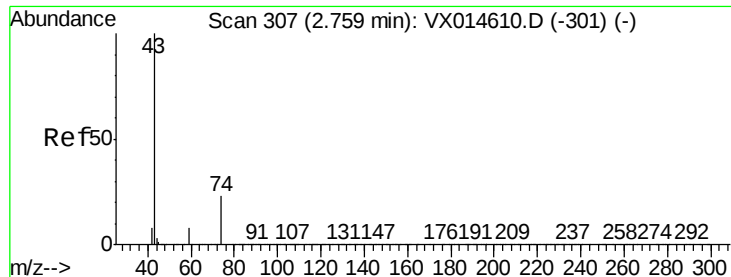
45 95.9 20.6 185.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#12

Methvl Acetate

Concen: 1.513 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.41 min

Lab File: VX014639.D

Acq: 16 Jan 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

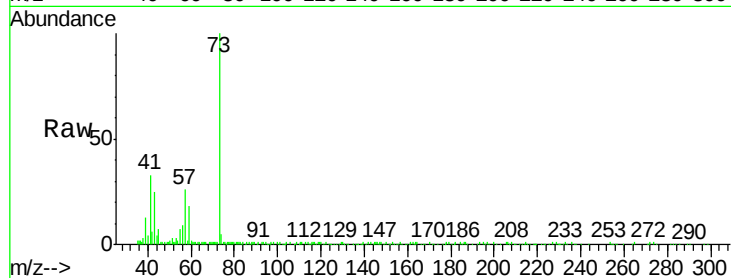
4001157623

Tot Ion: 43 Resp: 10987

Ion Ratio Lower Upper

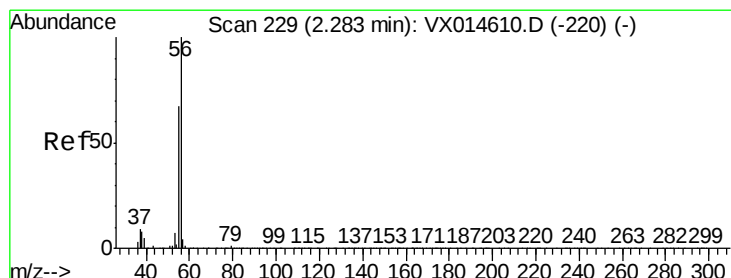
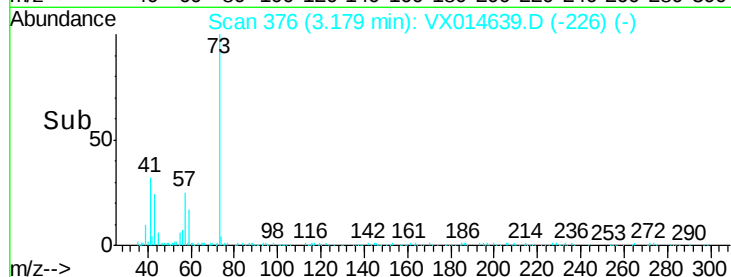
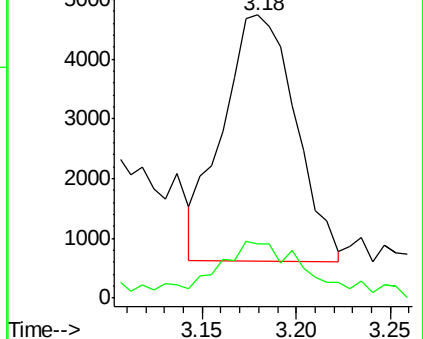
43 100

74 19.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#13

Acrolein

Concen: 0.292 ug/l

RT: 2.33 min Scan# 236

Delta R.T. 0.04 min

Lab File: VX014639.D

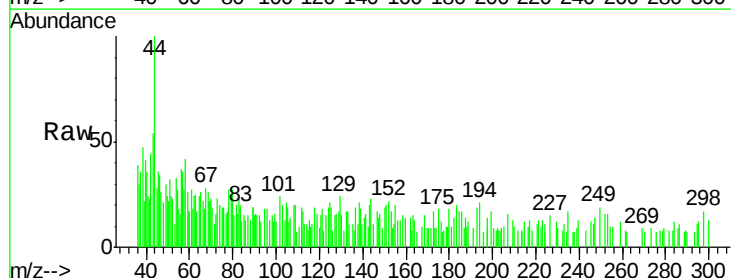
Acq: 16 Jan 2020 15:34

Tgt Ion: 56 Resp: 223

Ion Ratio Lower Upper

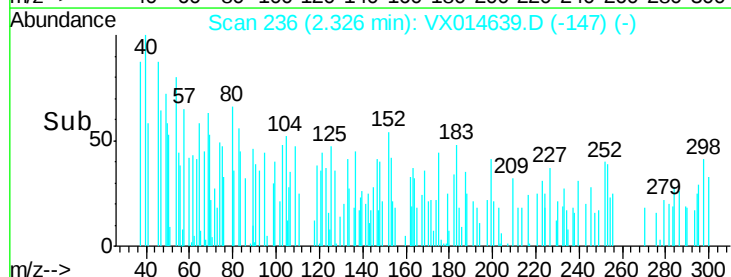
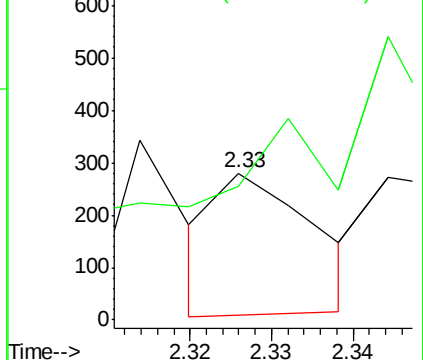
56 100

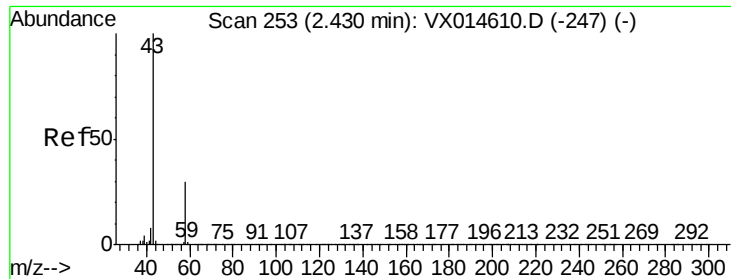
55 58.3 54.9 82.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acetone

Concen: 747.708 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX014639.D

Acq: 16 Jan 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

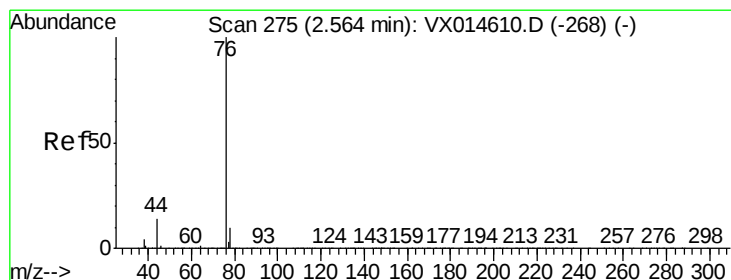
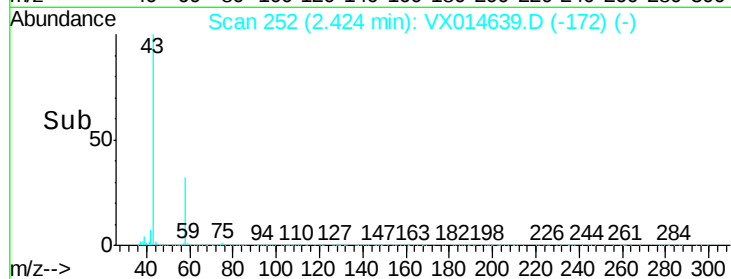
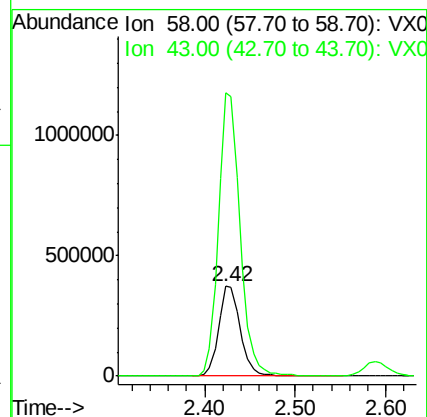
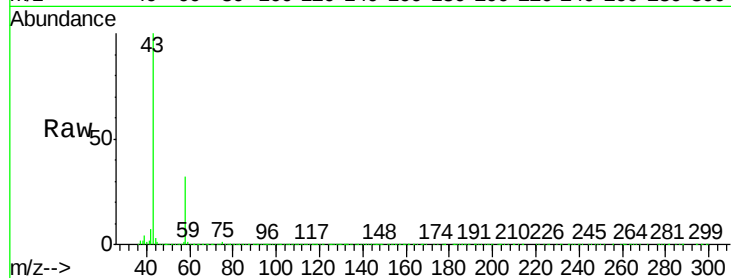
4001157623

Tot Ion: 58 Resp: 623030

Ion Ratio Lower Upper

58 100

43 316.1 236.3 354.5



#16

Carbon Disulfide

Concen: 0.565 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014639.D

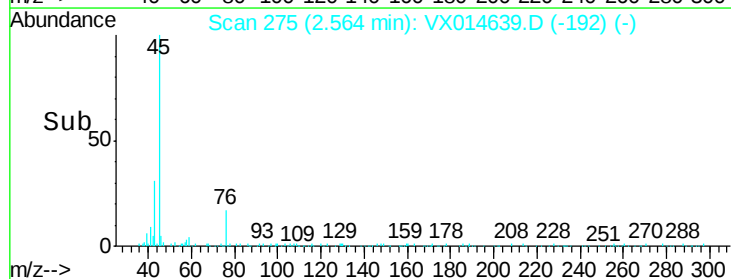
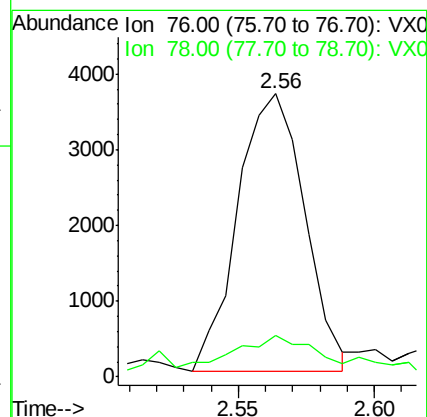
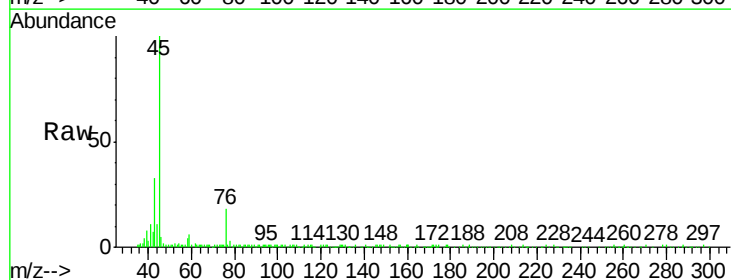
Acq: 16 Jan 2020 15:34

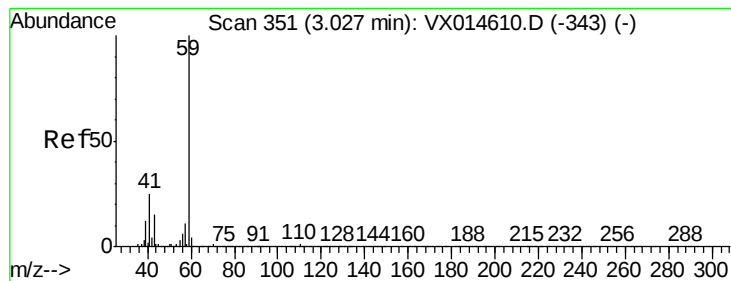
Tgt Ion: 76 Resp: 6242

Ion Ratio Lower Upper

76 100

78 10.1 7.8 11.8





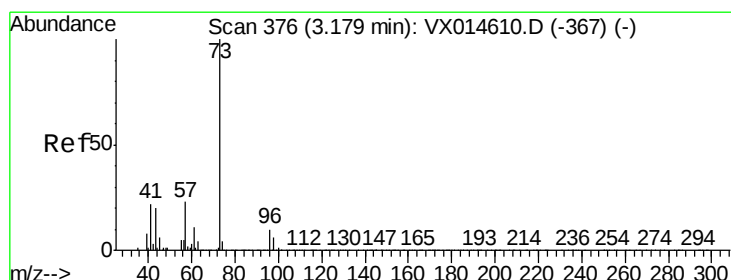
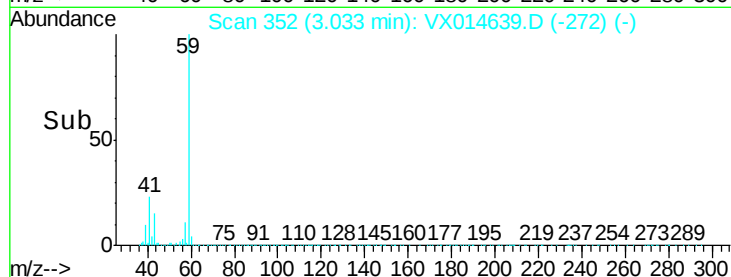
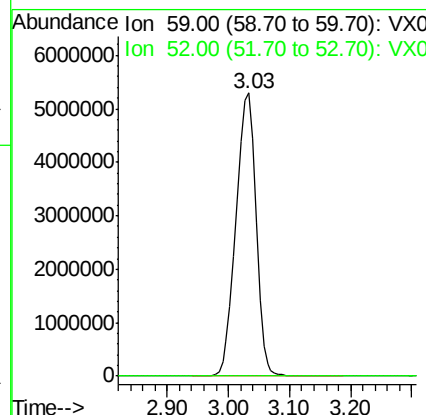
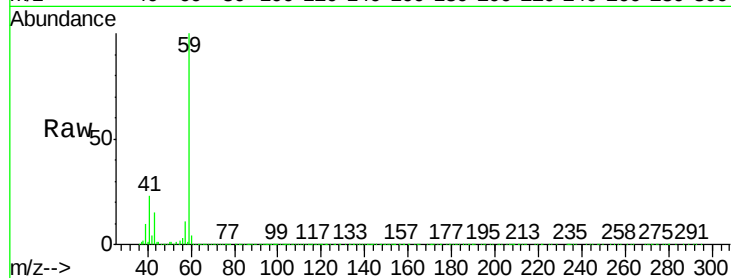
#23

tert-Butyl Alcohol
 Concen: 11588.449 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX014639.D
 Acq: 16 Jan 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 4001157623

Tot Ion: 59 Resp: 11911874

Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

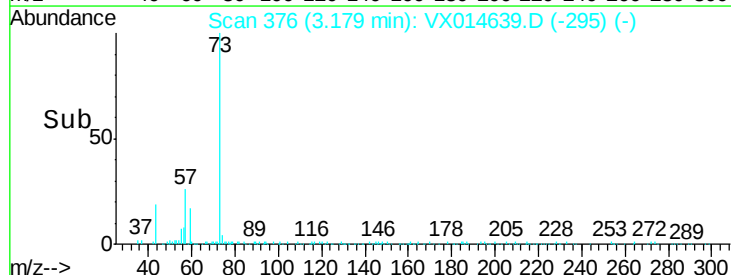
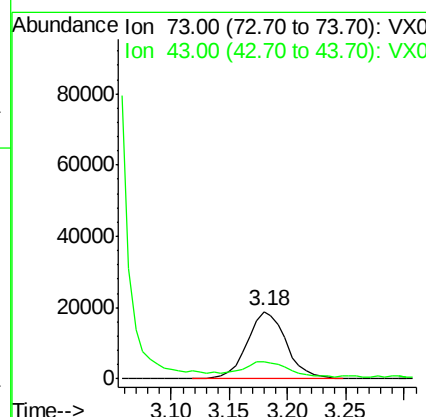
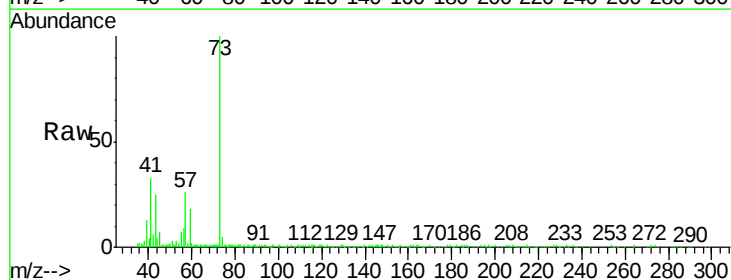


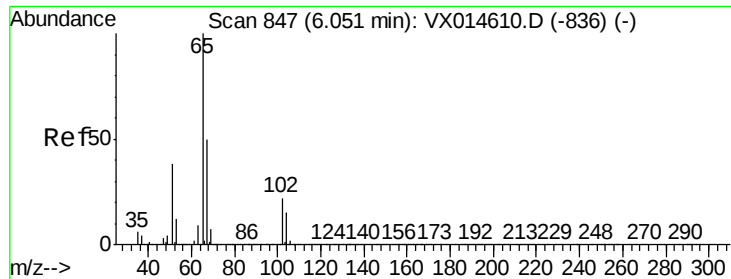
#24

Methyl tert-Butyl Ether
 Concen: 3.277 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014639.D
 Acq: 16 Jan 2020 15:34

Tgt Ion: 73 Resp: 43857

Ion	Ratio	Lower	Upper
73	100		
43	28.0	16.6	25.0#

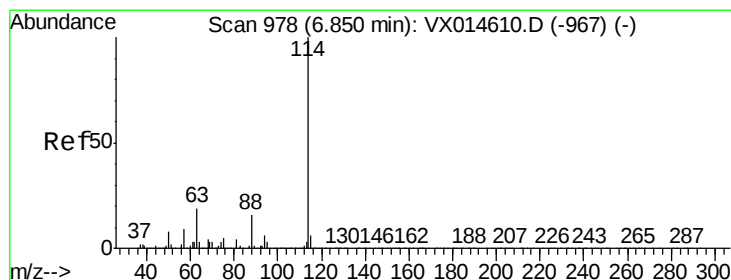
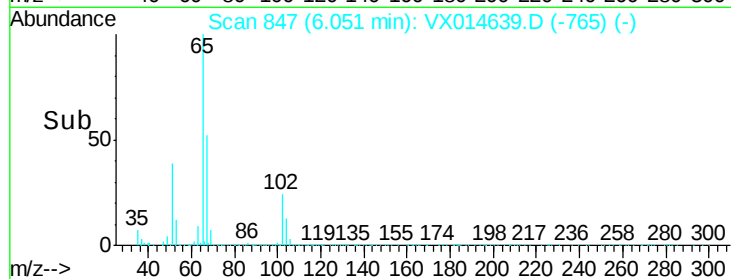
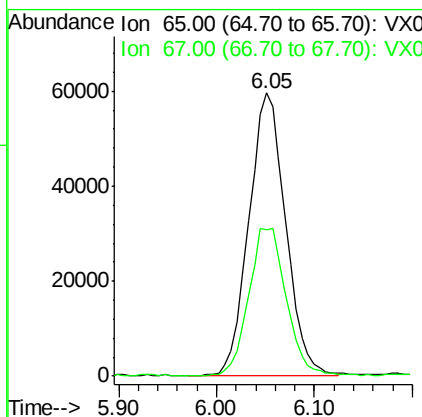
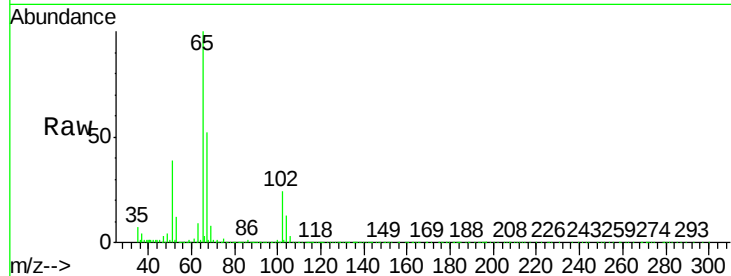




#27
 1,2-Dichloroethane-d4
 Concen: 30.615 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014639.D
 Acq: 16 Jan 2020 15:34

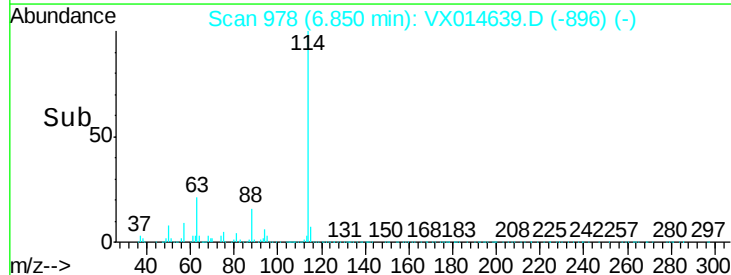
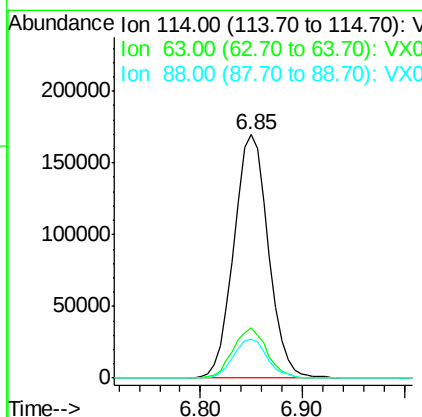
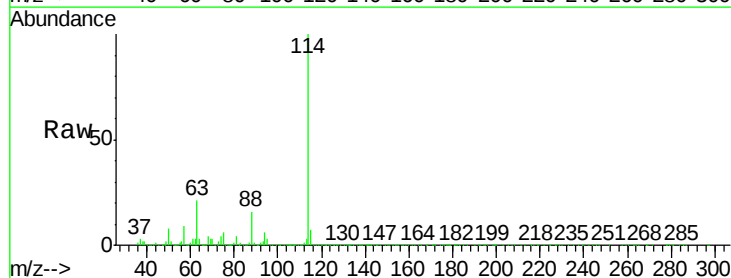
Instrument :
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 ClientSampleId :
 4001157623

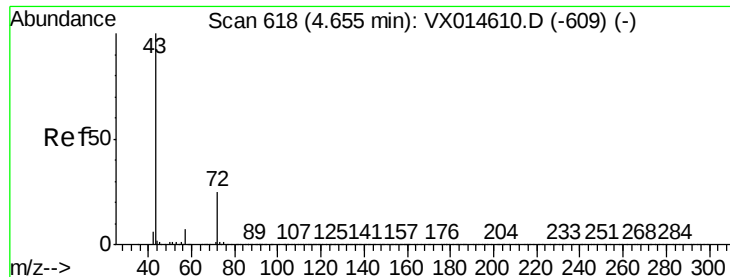
Tot Ion: 65 Resp: 156306
 Ion Ratio Lower Upper
 65 100
 67 53.2 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014639.D
 Acq: 16 Jan 2020 15:34

Tgt Ion: 114 Resp: 397285
 Ion Ratio Lower Upper
 114 100
 63 20.1 16.1 24.1
 88 15.7 12.5 18.7

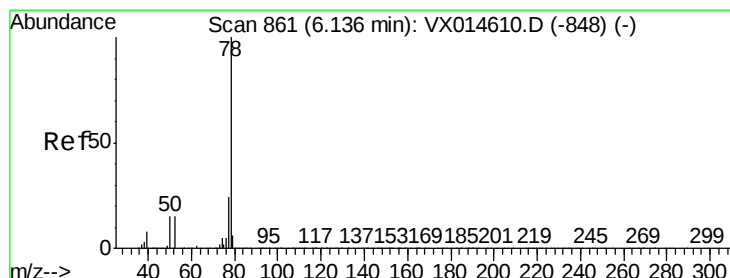
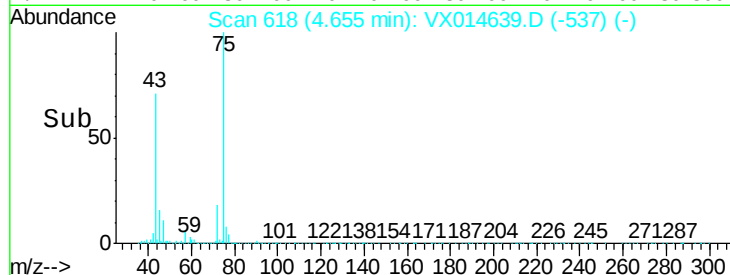
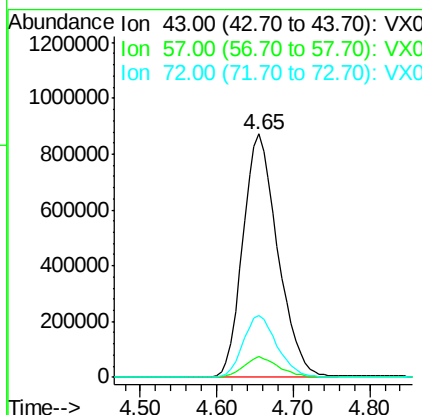
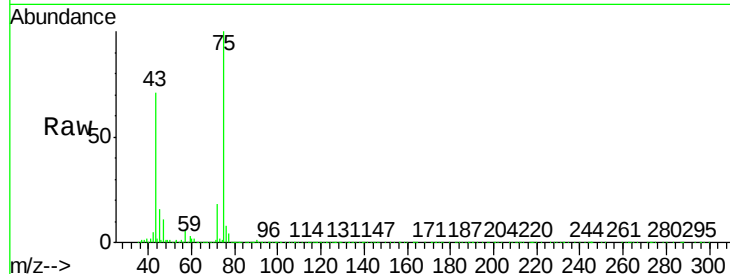




#30
2-Butanone
Concen: 750.043 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.01 min
Lab File: VX014639.D
Acq: 16 Jan 2020 15:34

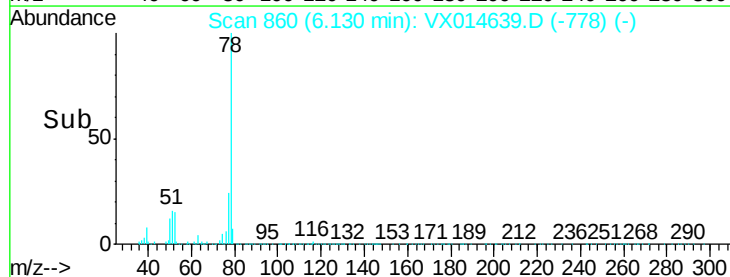
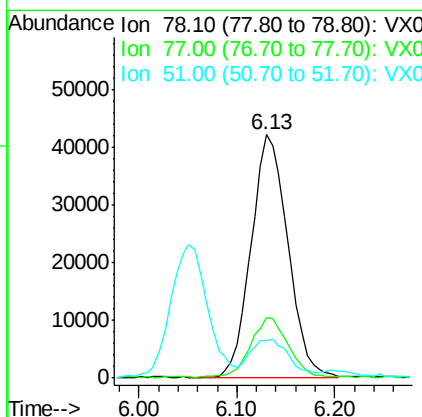
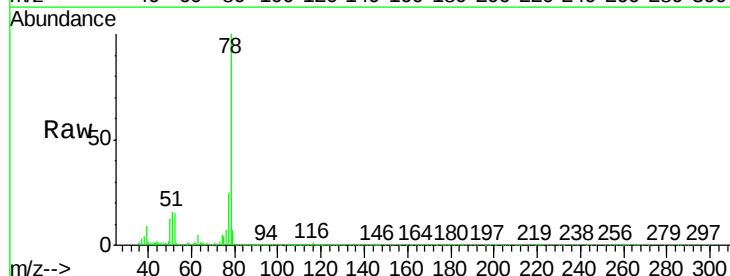
Instrument :
MSVOA_X
ClientSampleId :
4001157623

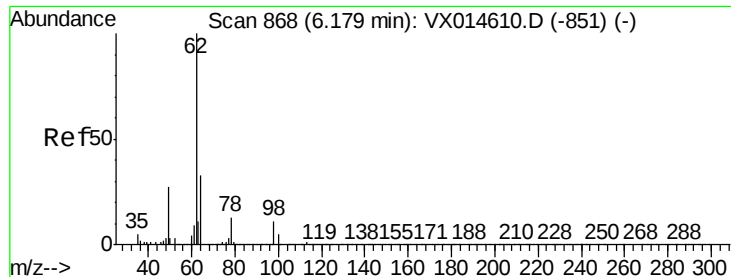
Tot Ion: 43 Resp: 2768312
Ion Ratio Lower Upper
43 100
57 8.4 6.2 9.2
72 24.7 20.3 30.5



#34
Benzene
Concen: 6.154 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014639.D
Acq: 16 Jan 2020 15:34

Tgt Ion: 78 Resp: 110808
Ion Ratio Lower Upper
78 100
77 24.2 18.2 27.2
51 12.7 12.4 18.6

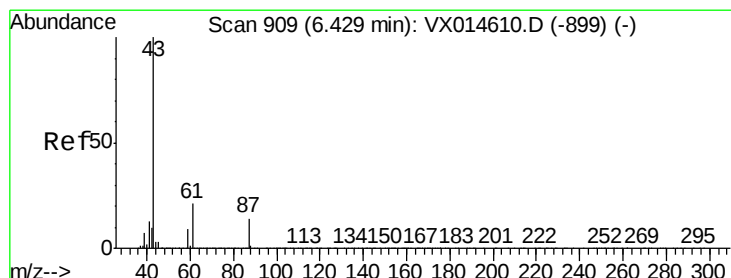
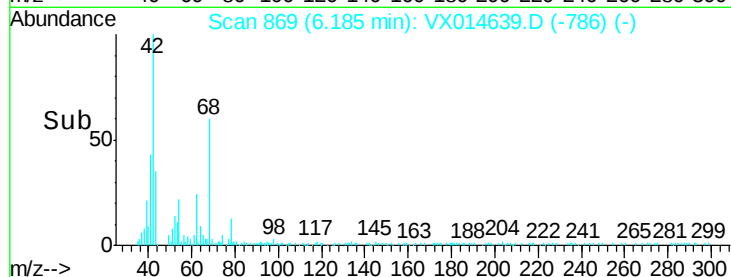
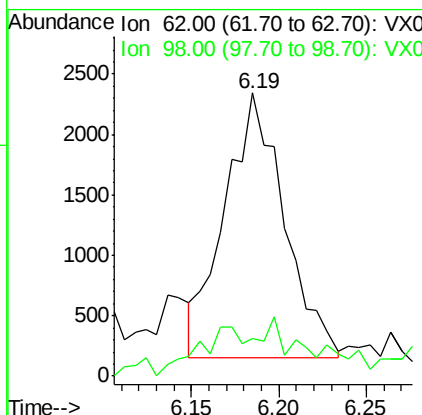
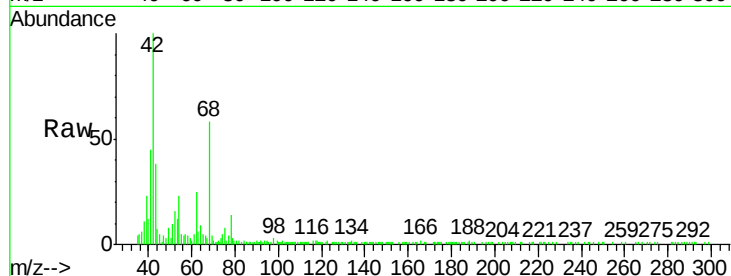




#36
 1,2-Dichloroethane
 Concen: 0.827 ug/l
 RT: 6.19 min Scan# 869
 Delta R.T. 0.01 min
 Lab File: VX014639.D
 Acq: 16 Jan 2020 15:34

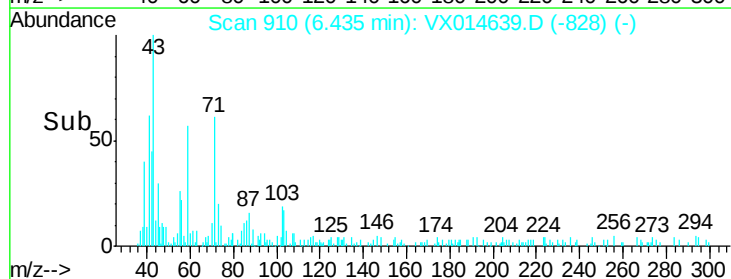
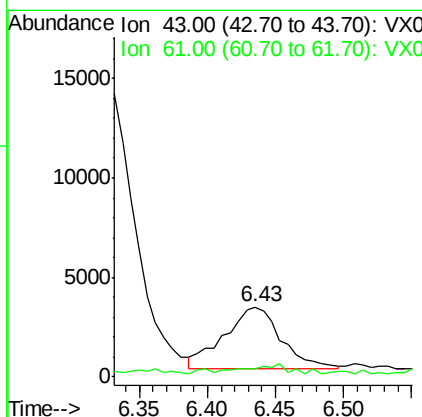
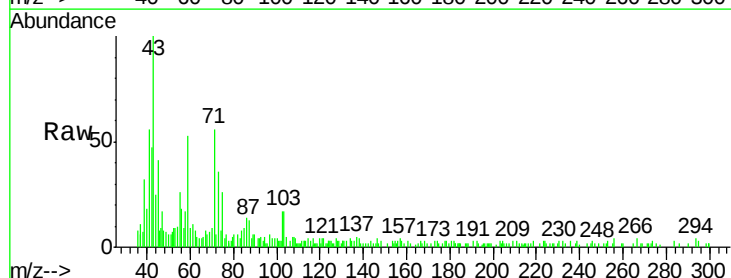
Instrument :
 MSVOA_X
 ClientSampled :
 4001157623

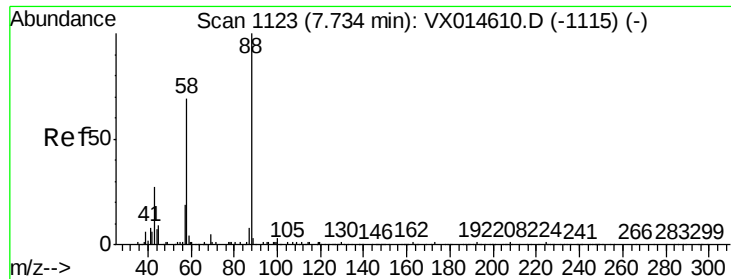
Tot Ion: 62 Resp: 5179
 Ion Ratio Lower Upper
 62 100
 98 4.3 8.4 12.6#



#44
 Isopropyl Acetate
 Concen: 0.837 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014639.D
 Acq: 16 Jan 2020 15:34

Tgt Ion: 43 Resp: 9026
 Ion Ratio Lower Upper
 43 100
 61 6.6 15.9 23.9#





#45

1,4-Dioxane

Concen: 172.561 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014639.D

Acq: 16 Jan 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

4001157623

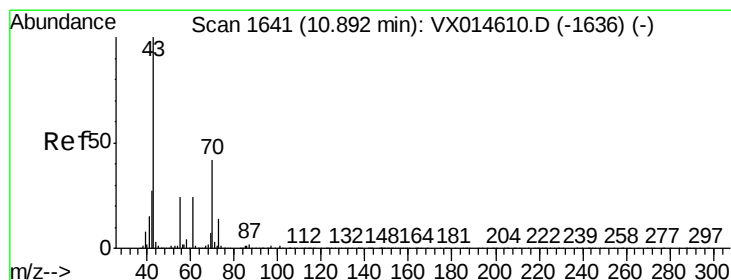
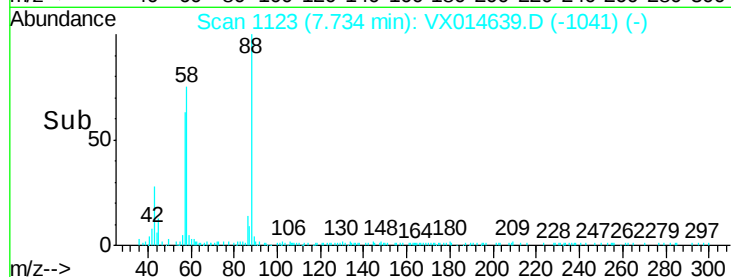
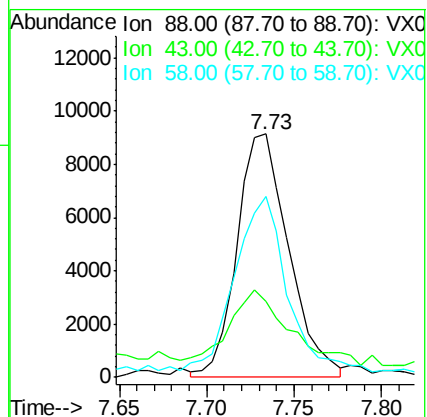
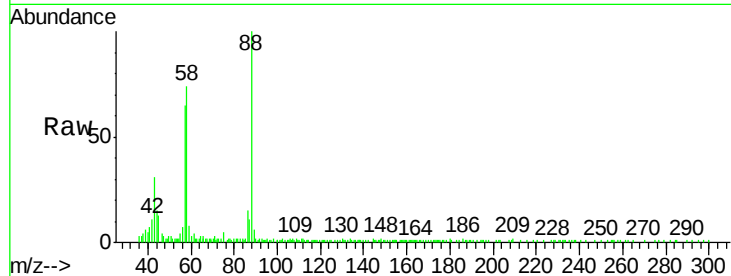
Tot Ion: 88 Resp: 18605

Ion Ratio Lower Upper

88 100

43 29.8 25.4 38.2

58 72.8 56.5 84.7



#47

n-amyl Acetate

Concen: 1.599 ug/l

RT: 10.94 min Scan# 1649

Delta R.T. 0.05 min

Lab File: VX014639.D

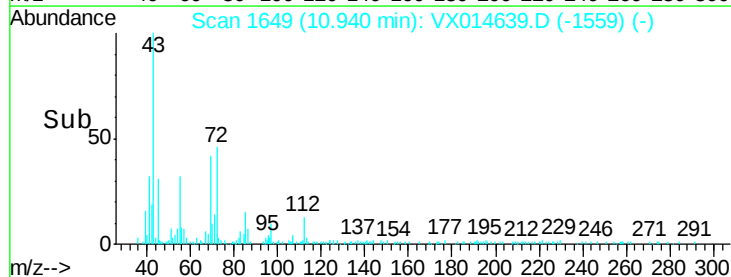
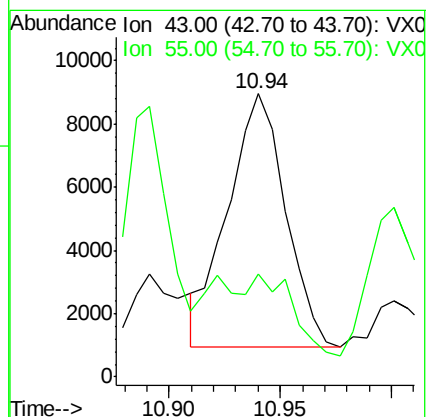
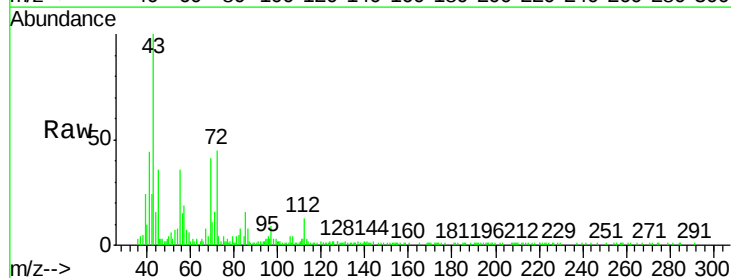
Acq: 16 Jan 2020 15:34

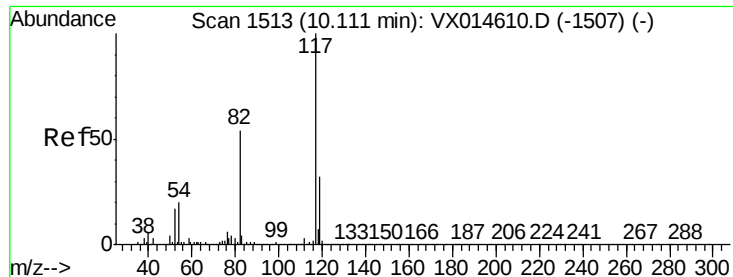
Tgt Ion: 43 Resp: 14439

Ion Ratio Lower Upper

43 100

55 21.7 19.4 29.2

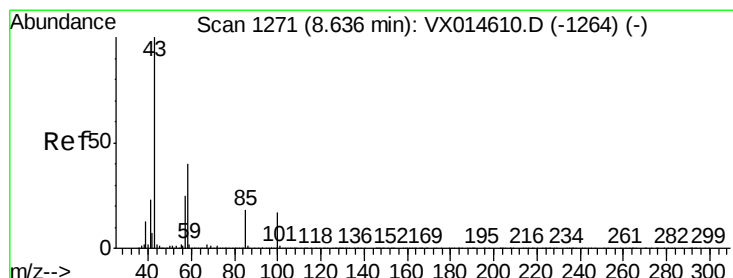
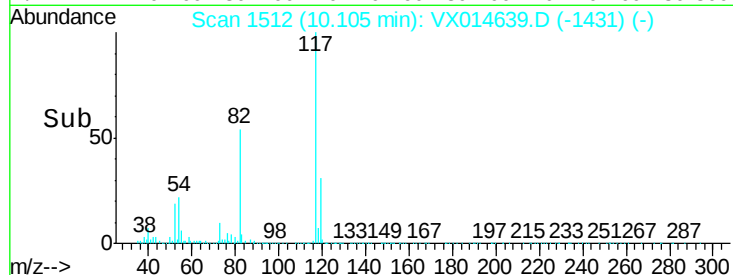
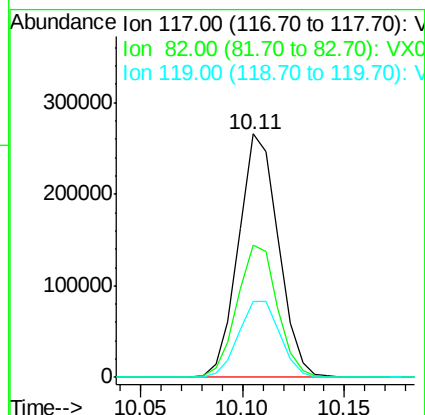
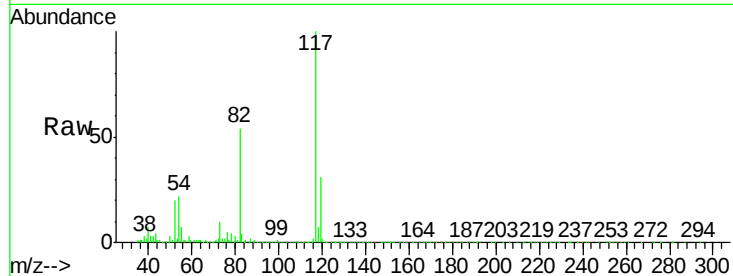




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014639.D
Acq: 16 Jan 2020 15:34

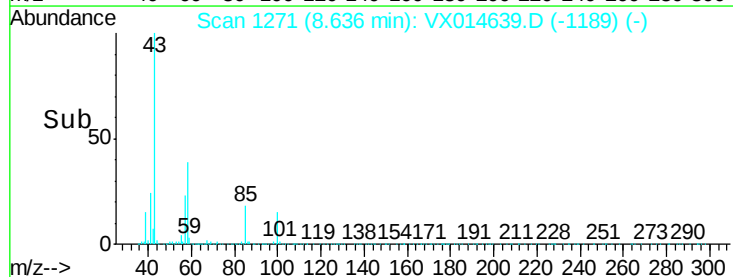
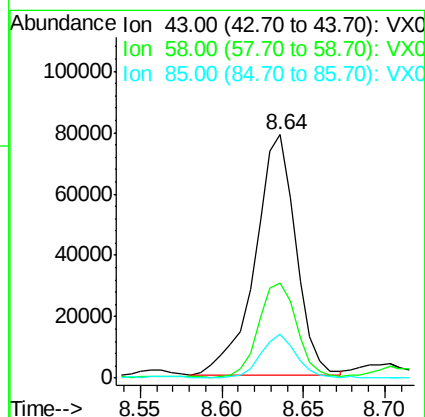
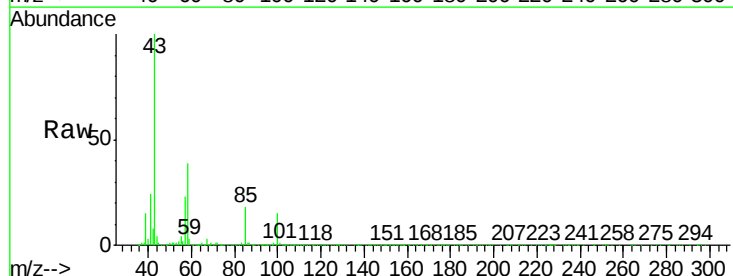
Instrument :
MSVOA_X
ClientSampleId :
4001157623

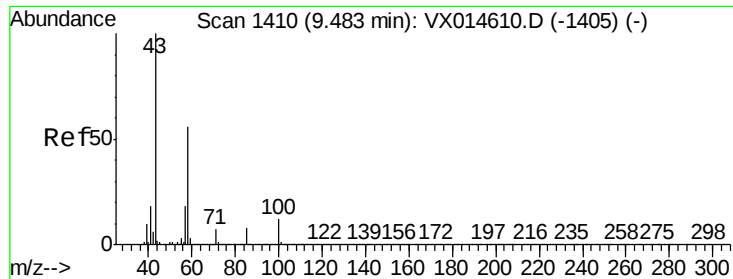
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.8	65.6
119	32.5	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 20.183 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014639.D
Acq: 16 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.6	31.2	46.8
85	15.3	14.2	21.2

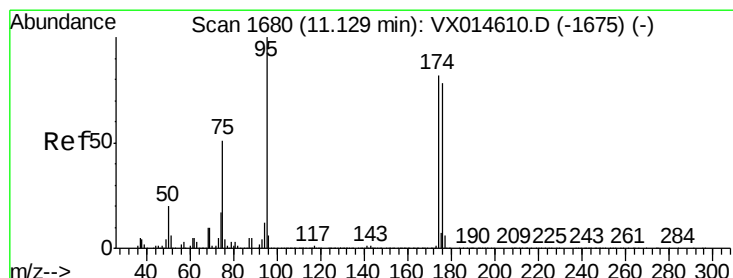
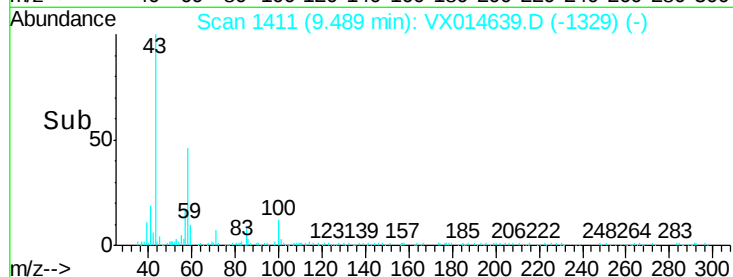
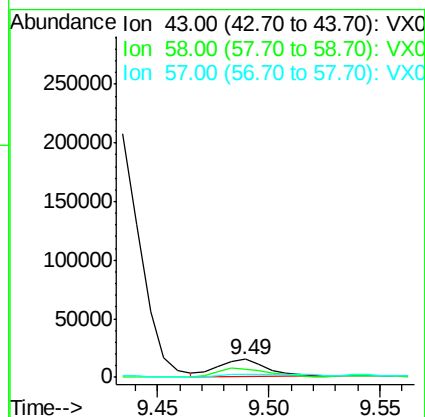
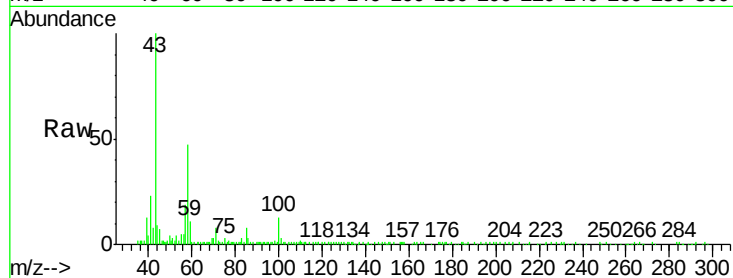




#59
2-Hexanone
Concen: 4.198 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX014639.D
Acq: 16 Jan 2020 15:34

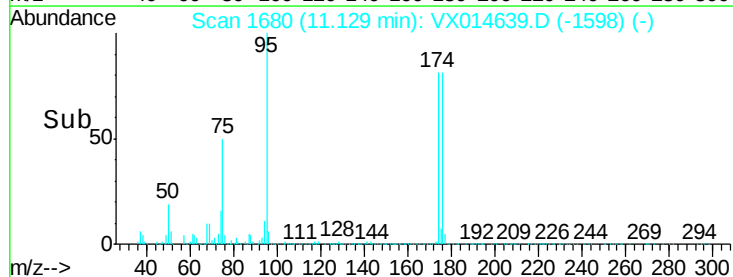
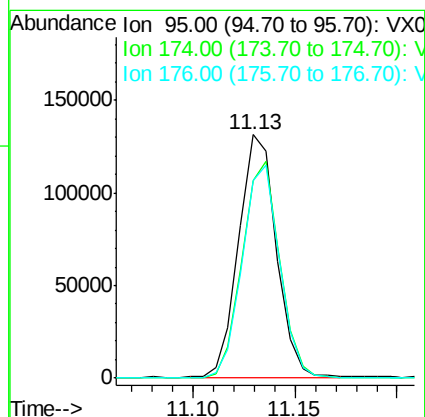
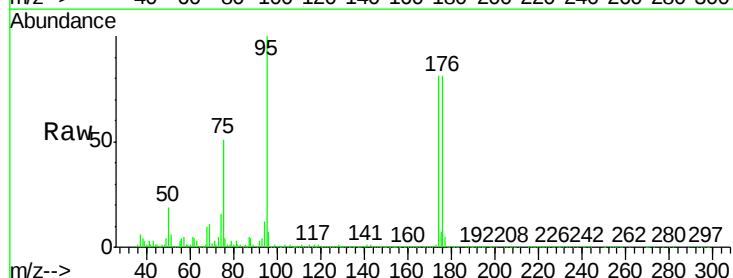
Instrument :
MSVOA_X
ClientSampled :
4001157623

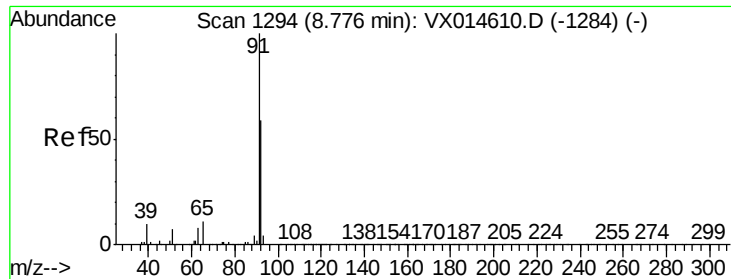
Tot Ion: 43 Resp: 22070
Ion Ratio Lower Upper
43 100
58 52.4 43.8 65.6
57 16.3 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.253 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014639.D
Acq: 16 Jan 2020 15:34

Tgt Ion: 95 Resp: 168971
Ion Ratio Lower Upper
95 100
174 88.5 70.2 105.2
176 86.7 68.3 102.5





#62

Toluene

Concen: 4.478 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014639.D

Acq: 16 Jan 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

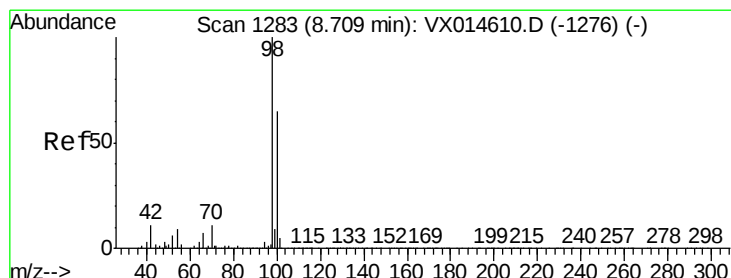
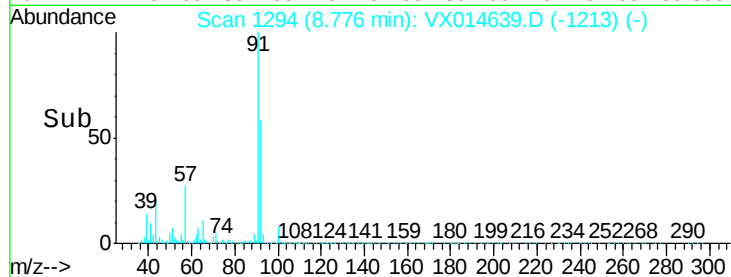
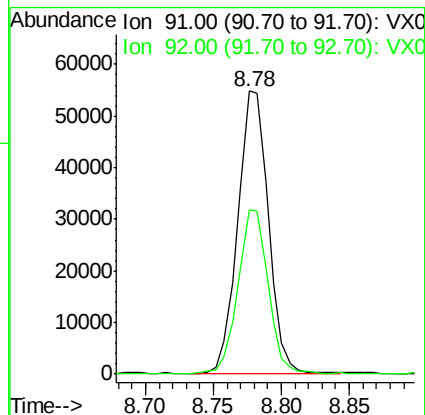
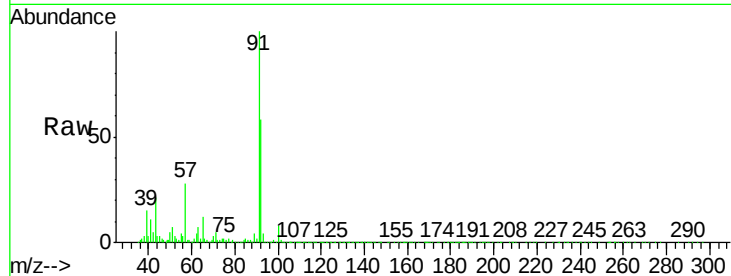
4001157623

Tot Ion: 91 Resp: 85762

Ion Ratio Lower Upper

91 100

92 57.7 46.4 69.6



#63

Toluene-d8

Concen: 29.976 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014639.D

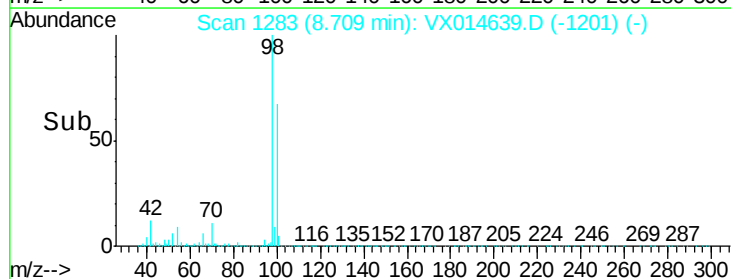
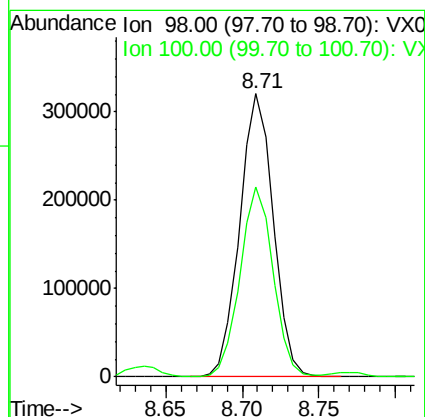
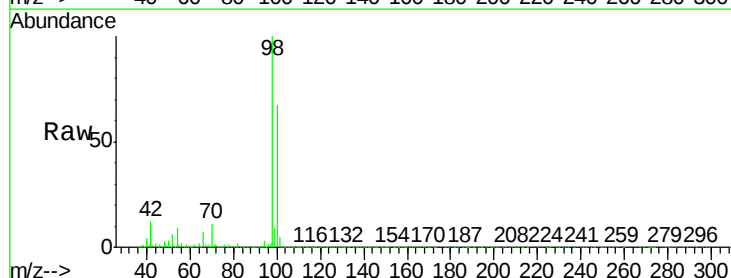
Acq: 16 Jan 2020 15:34

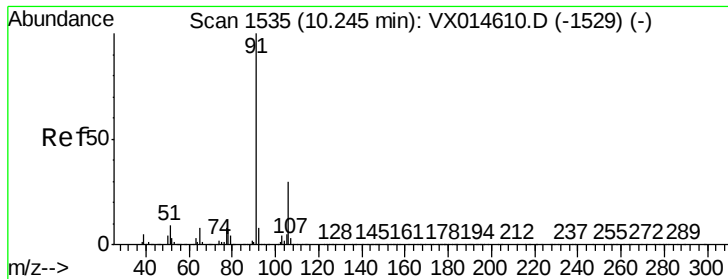
Tgt Ion: 98 Resp: 488757

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.2





#66

Ethyl Benzene

Concen: 8.161 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014639.D

Acq: 16 Jan 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

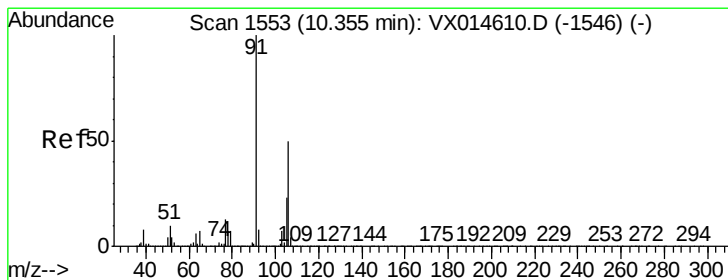
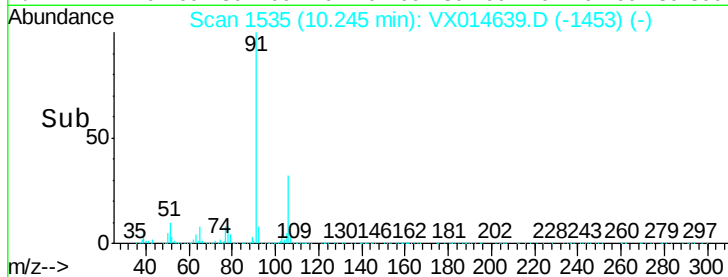
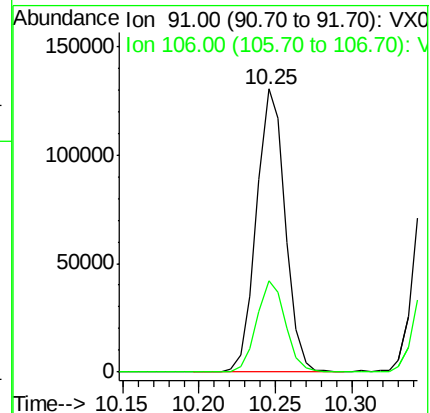
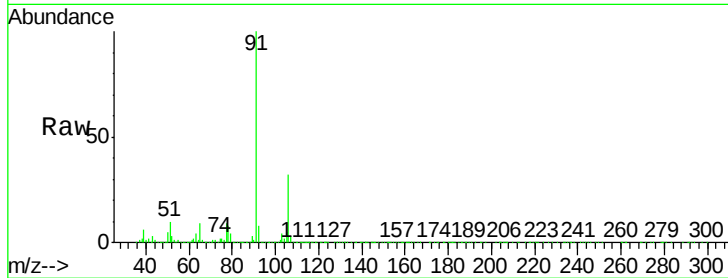
4001157623

Tot Ion: 91 Resp: 170246

Ion Ratio Lower Upper

91 100

106 32.3 24.2 36.2



#67

m/p-Xylenes

Concen: 10.547 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014639.D

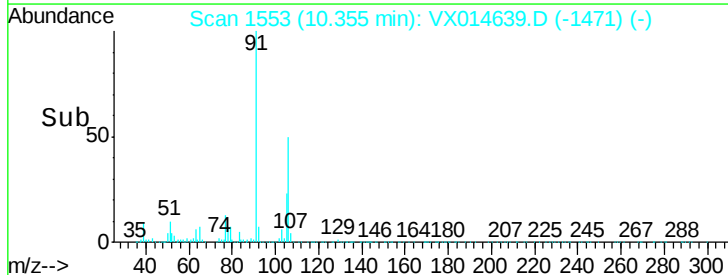
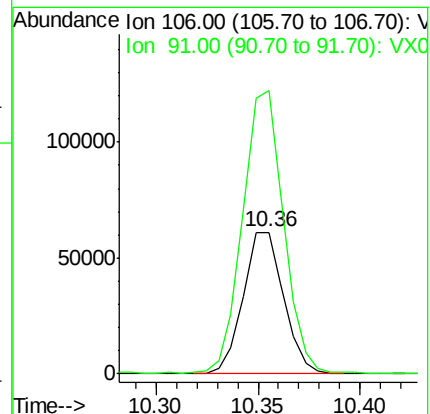
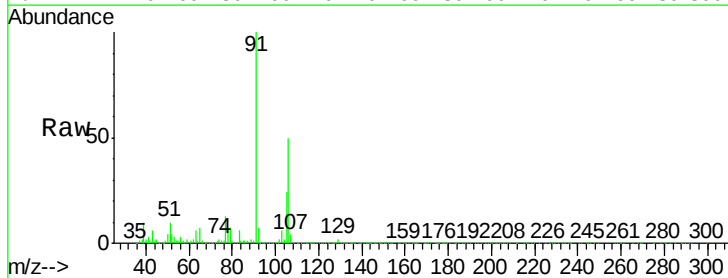
Acq: 16 Jan 2020 15:34

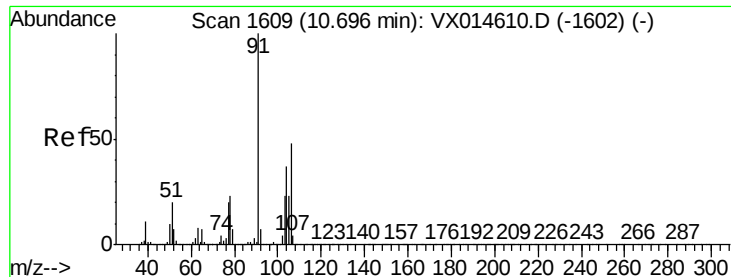
Tgt Ion: 106 Resp: 84269

Ion Ratio Lower Upper

106 100

91 202.3 159.3 238.9

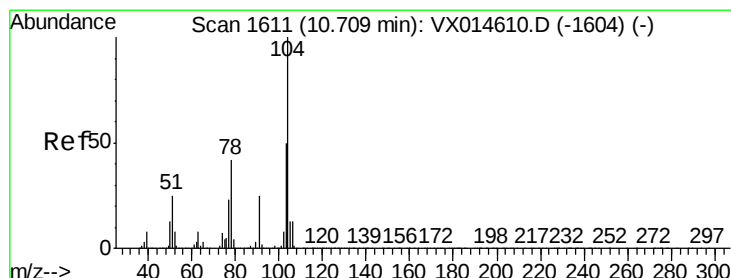
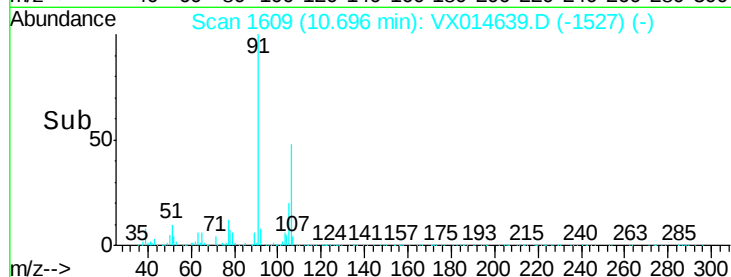
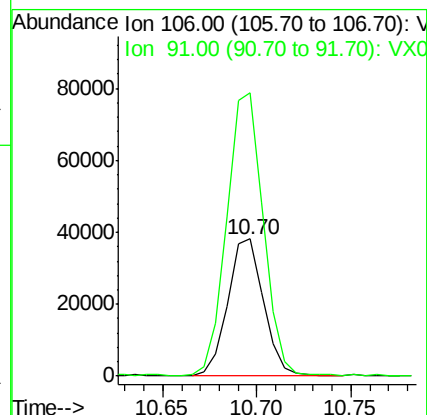
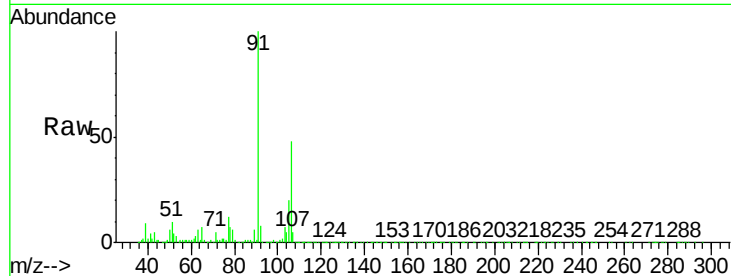




#68
o-Xylene
Concen: 6.462 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014639.D
Acq: 16 Jan 2020 15:34

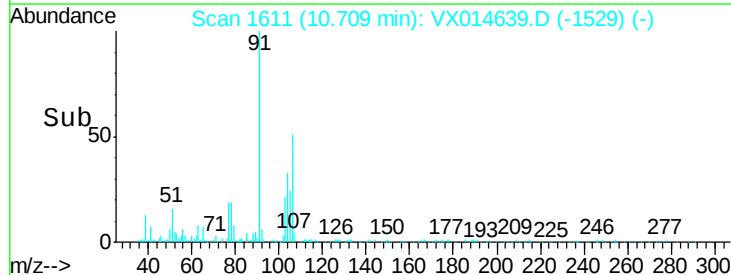
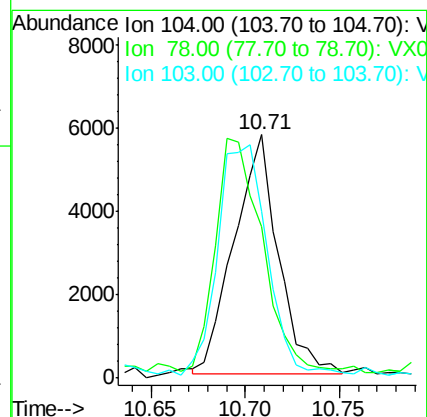
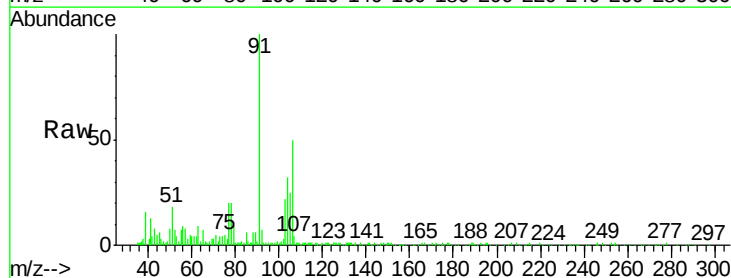
Instrument :
MSVOA_X
ClientSampleId :
4001157623

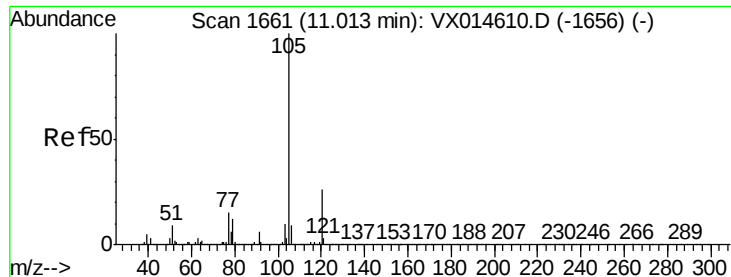
Tot Ion:106 Resp: 50275
Ion Ratio Lower Upper
106 100
91 209.0 104.8 314.6



#69
Styrene
Concen: 0.714 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014639.D
Acq: 16 Jan 2020 15:34

Tgt Ion:104 Resp: 9411
Ion Ratio Lower Upper
104 100
78 101.7 38.9 58.3#
103 108.5 44.2 66.2#





#70

Isopropylbenzene

Concen: 1.353 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014639.D

Acq: 16 Jan 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

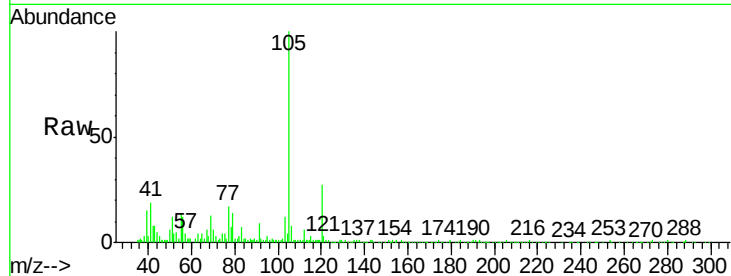
4001157623

Tot Ion:105 Resp: 27581

Ion Ratio Lower Upper

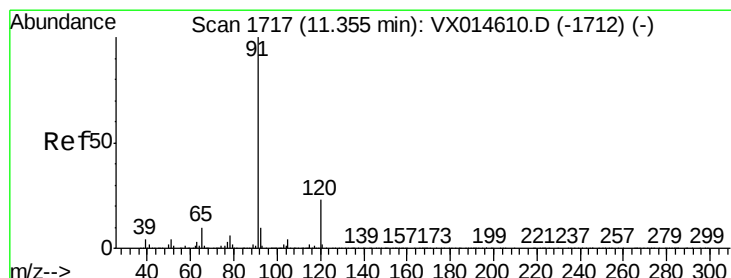
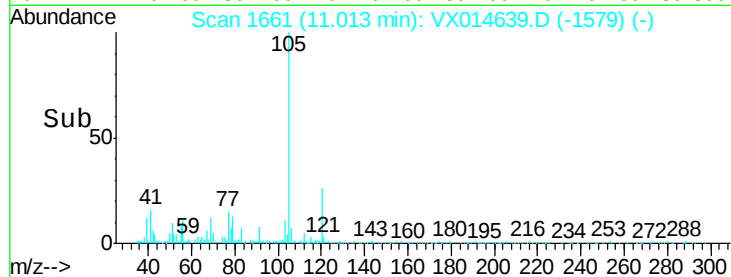
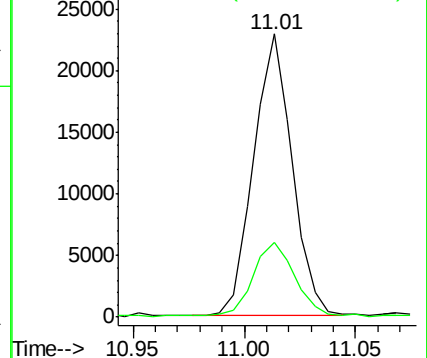
105 100

120 27.9 19.1 35.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

n-propylbenzene

Concen: 0.389 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014639.D

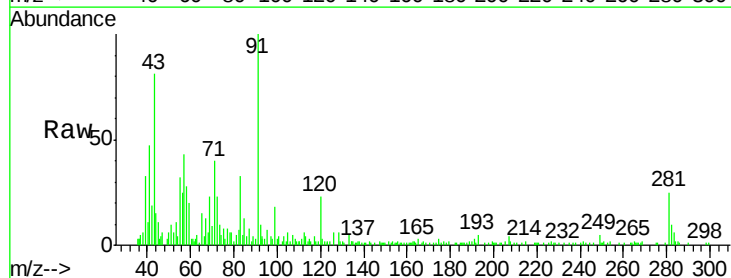
Acq: 16 Jan 2020 15:34

Tgt Ion: 91 Resp: 9069

Ion Ratio Lower Upper

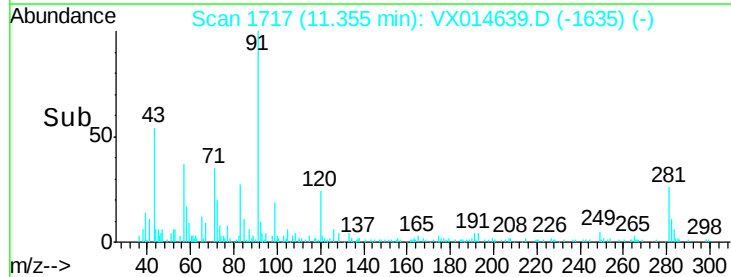
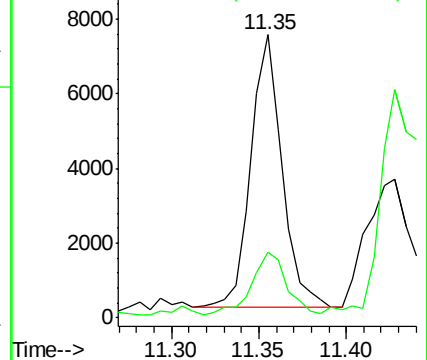
91 100

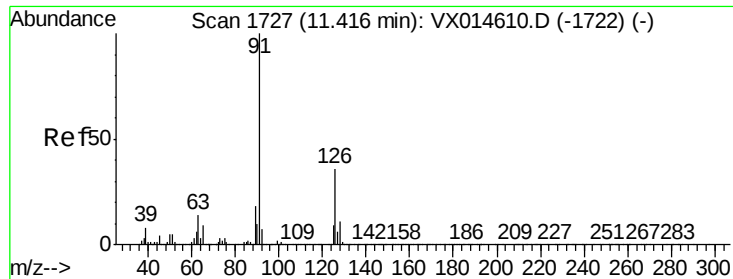
120 25.8 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 0.455 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX014639.D

Acq: 16 Jan 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

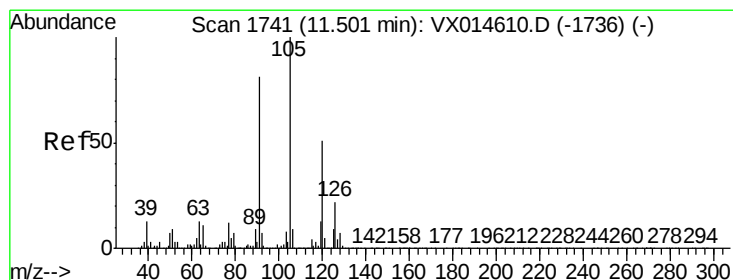
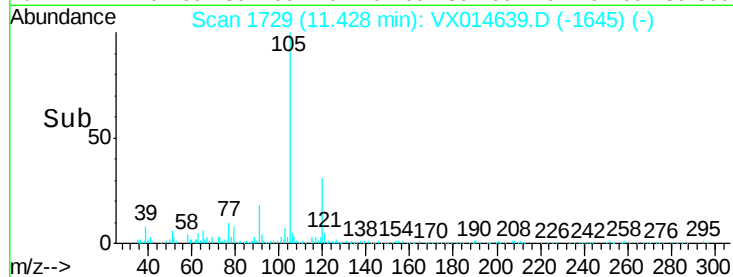
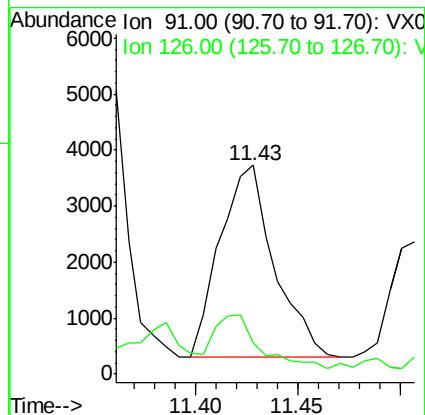
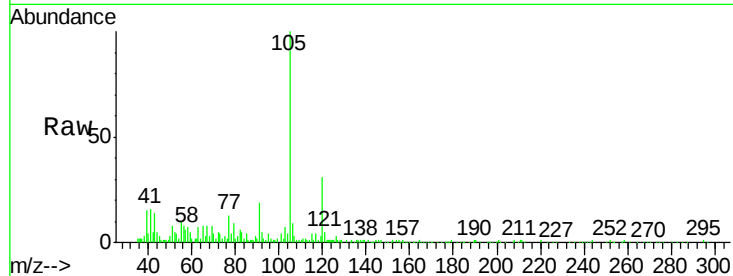
4001157623

Tot Ion: 91 Resp: 6352

Ion Ratio Lower Upper

91 100

126 21.5 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 0.931 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014639.D

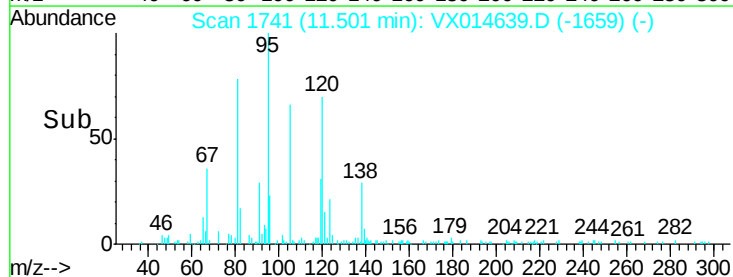
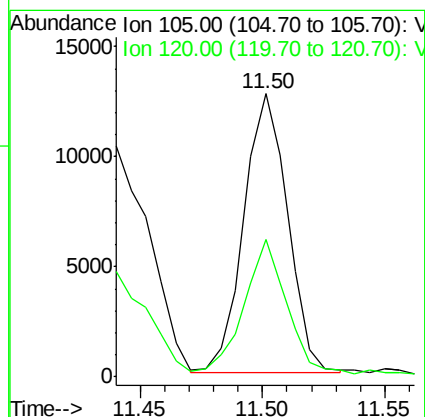
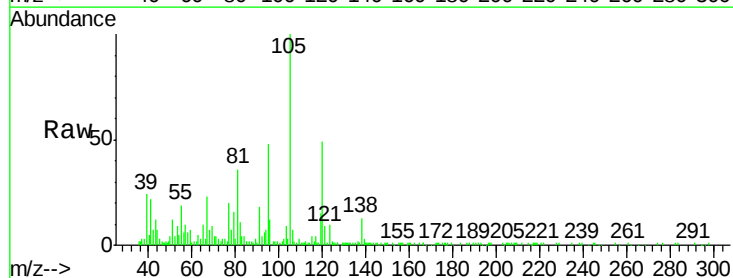
Acq: 16 Jan 2020 15:34

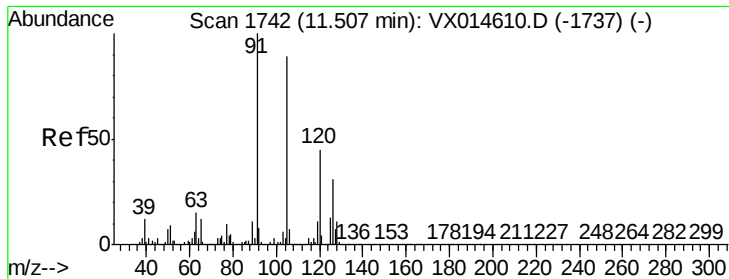
Tgt Ion: 105 Resp: 15808

Ion Ratio Lower Upper

105 100

120 48.6 0.0 100.6





#78

4-Chlorotoluene

Concen: 0.223 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014639.D

Acq: 16 Jan 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

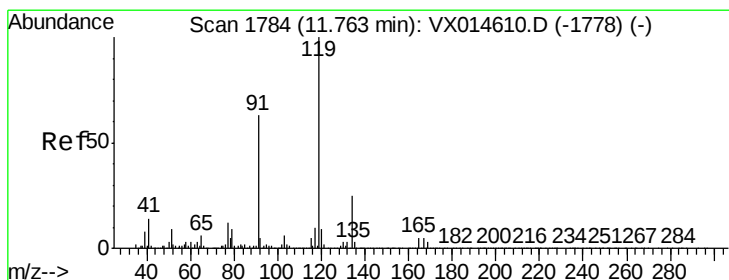
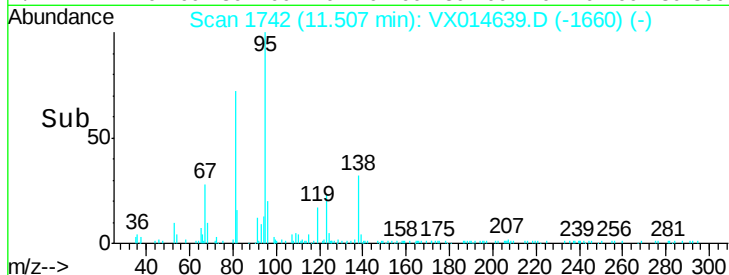
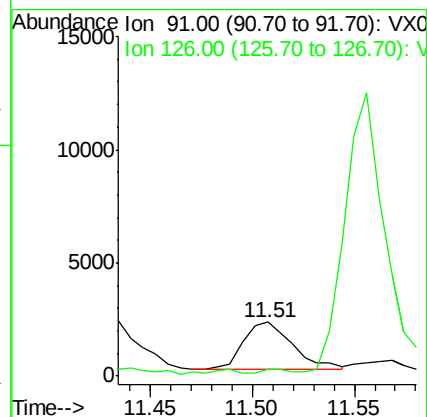
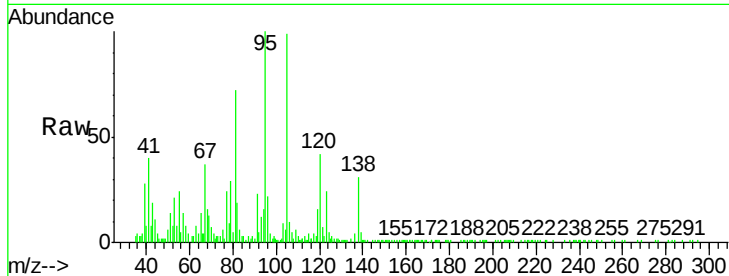
4001157623

Tot Ion: 91 Resp: 3541

Ion Ratio Lower Upper

91 100

126 5.1 0.0 59.6



#79

tert-butylbenzene

Concen: 0.620 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.04 min

Lab File: VX014639.D

Acq: 16 Jan 2020 15:34

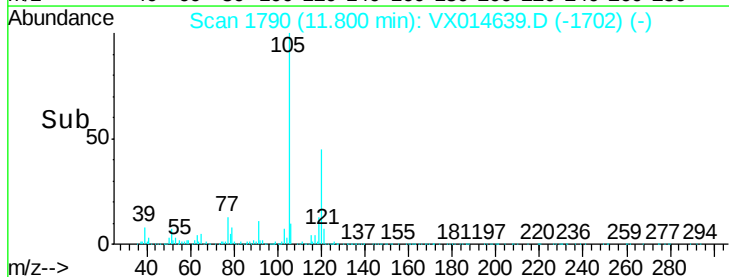
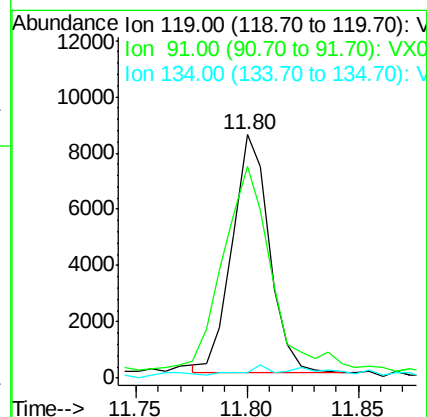
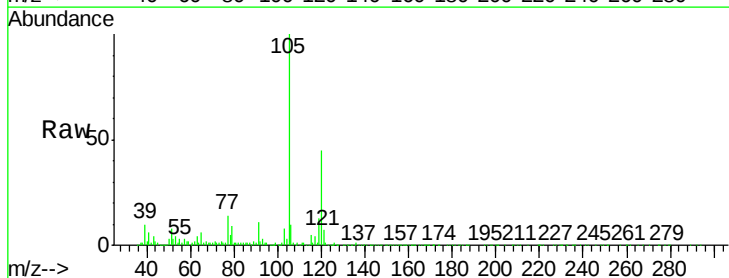
Tgt Ion: 119 Resp: 9856

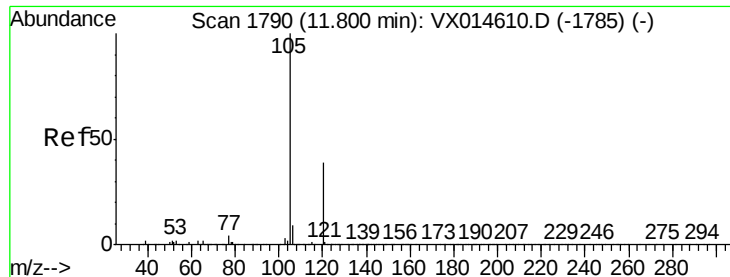
Ion Ratio Lower Upper

119 100

91 106.8 0.0 112.6

134 2.3 0.0 49.8





#80

1,2,4-Trimethylbenzene

Concen: 4.891 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014639.D

Acq: 16 Jan 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

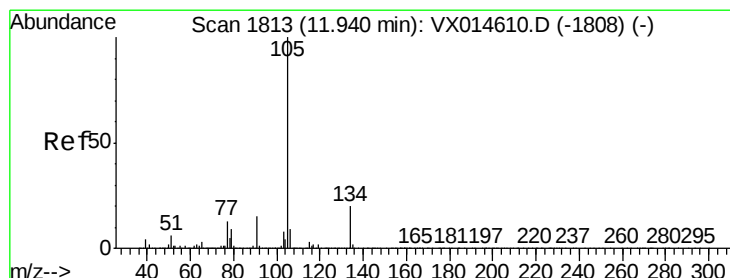
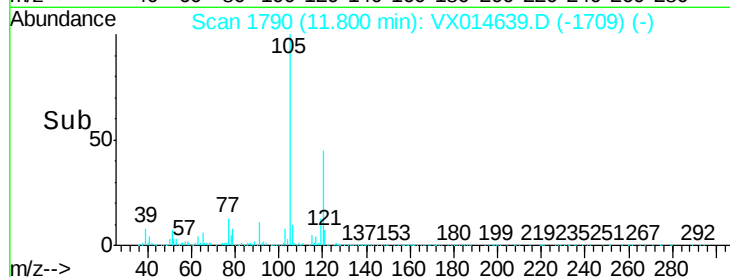
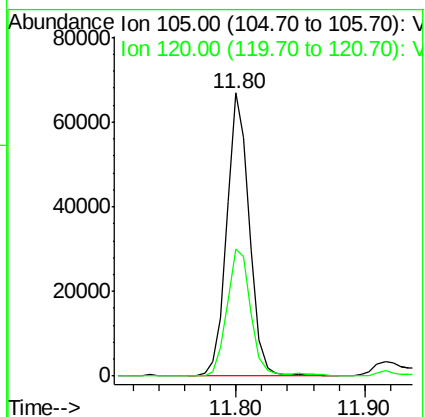
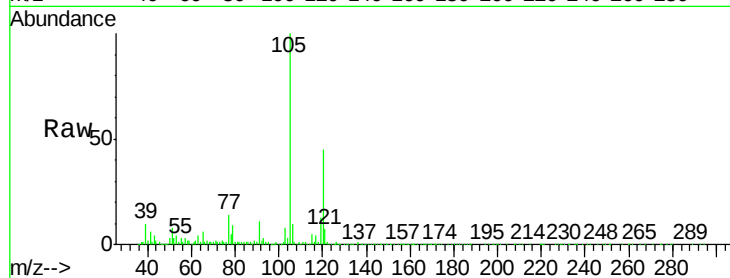
4001157623

Tot Ion:105 Resp: 82850

Ion Ratio Lower Upper

105 100

120 46.5 0.0 92.0



#81

sec-Butylbenzene

Concen: 4.213 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.14 min

Lab File: VX014639.D

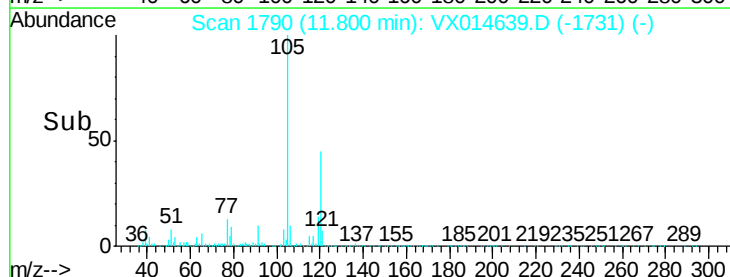
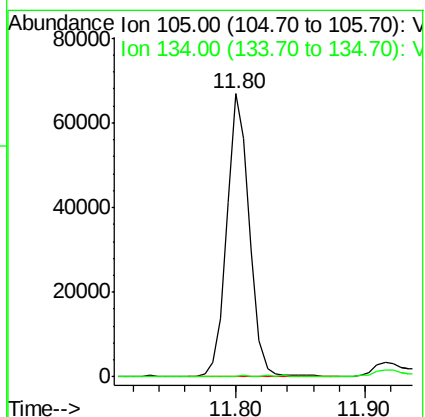
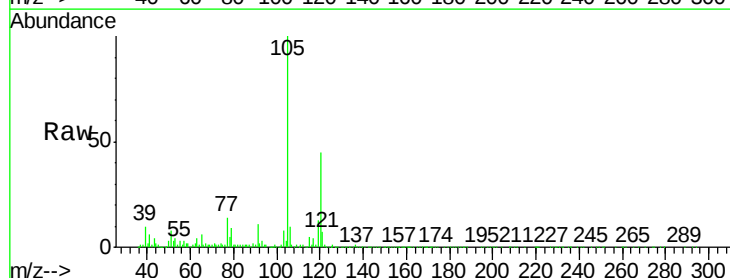
Acq: 16 Jan 2020 15:34

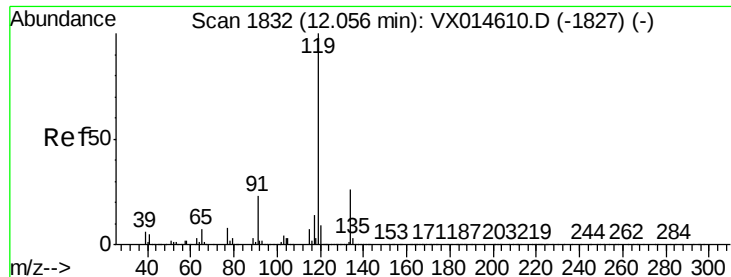
Tgt Ion:105 Resp: 82850

Ion Ratio Lower Upper

105 100

134 0.3 0.0 40.2





#82

p-Isopropyltoluene

Concen: 2.473 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014639.D

Acq: 16 Jan 2020 15:34

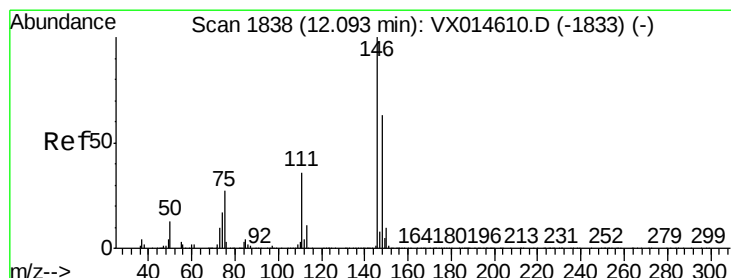
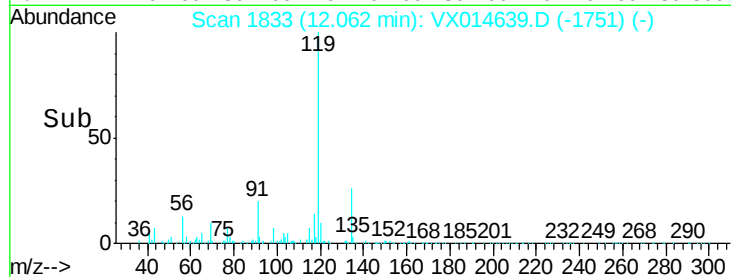
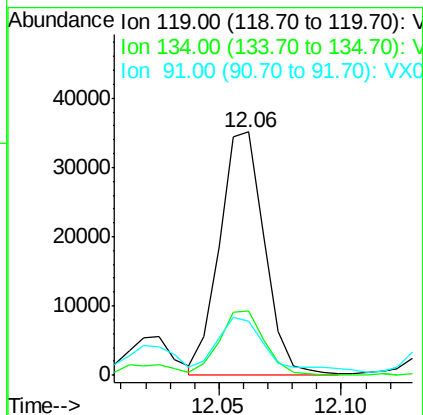
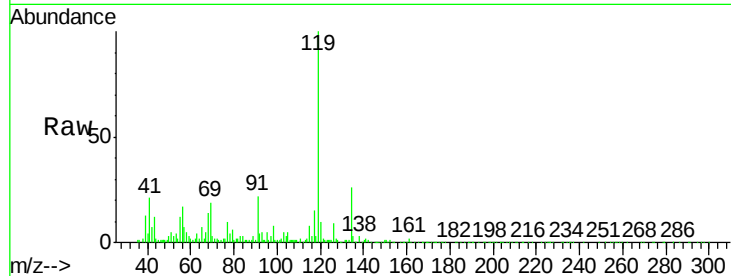
Instrument :

MSVOA_X

ClientSampleId :

4001157623

Tot Ion:	119	Resp:	44391
Ion	Ratio	Lower	Upper
119	100		
134	25.9	0.0	53.8
91	19.2	0.0	45.0



#84

1,4-Dichlorobenzene

Concen: 6.941 ug/l

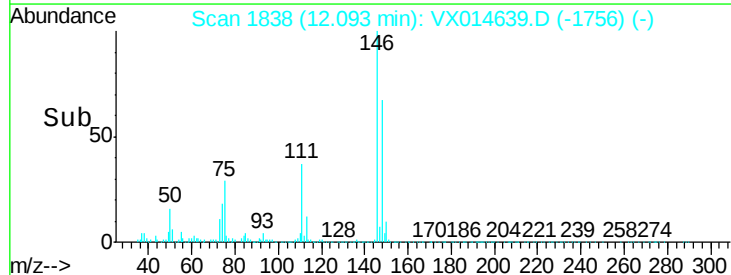
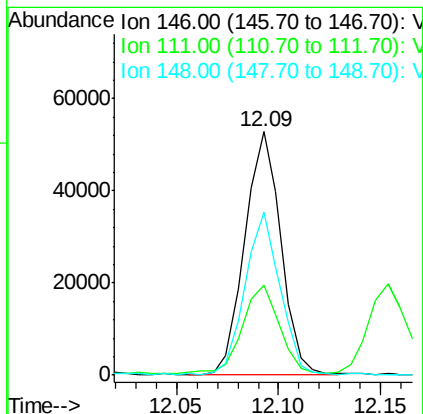
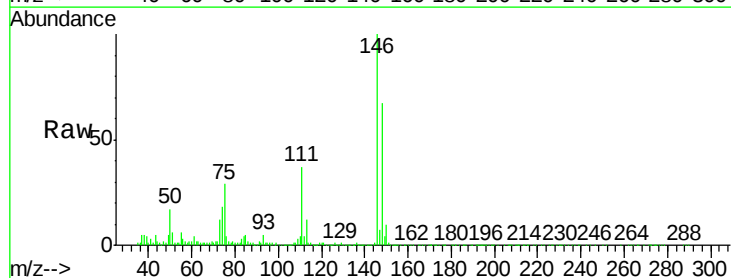
RT: 12.09 min Scan# 1838

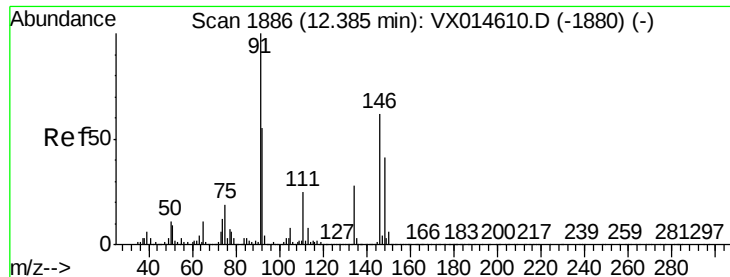
Delta R.T. 0.00 min

Lab File: VX014639.D

Acq: 16 Jan 2020 15:34

Tgt Ion:	146	Resp:	64926
Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.4	55.4
148	64.4	32.0	96.0

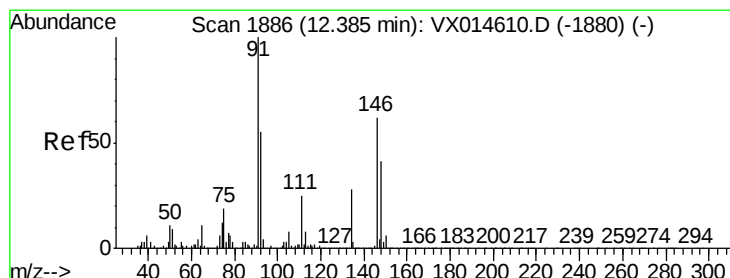
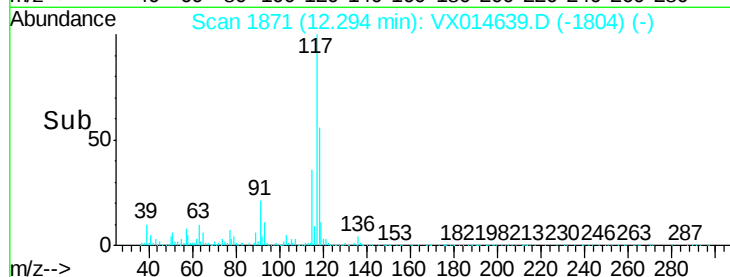
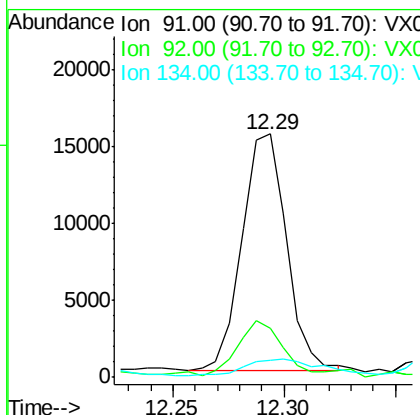
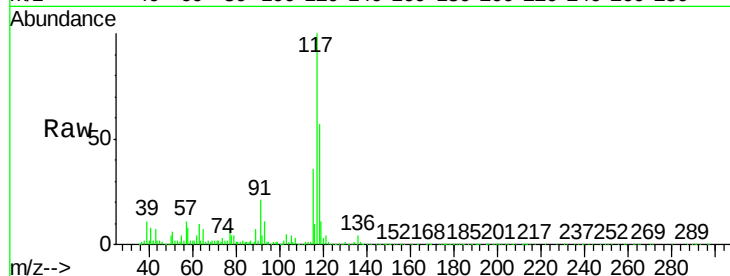




#85
n-Butylbenzene
Concen: 1.365 ug/l
RT: 12.29 min Scan# 1871
Delta R.T. -0.09 min
Lab File: VX014639.D
Acq: 16 Jan 2020 15:34

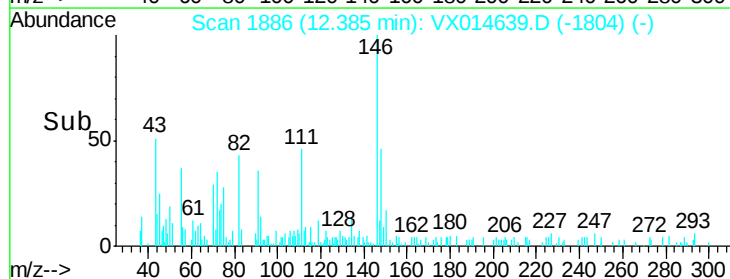
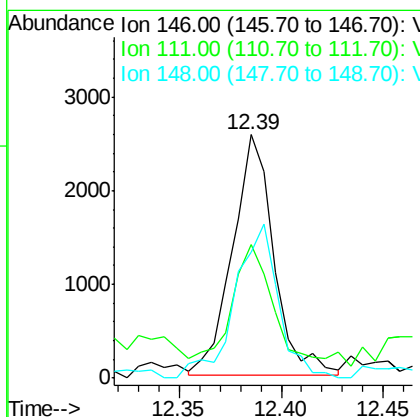
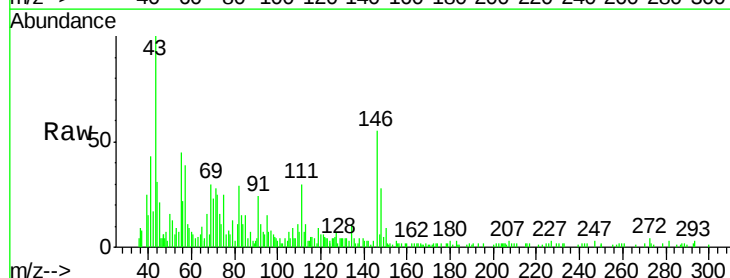
Instrument :
MSVOA_X
ClientSampleId :
4001157623

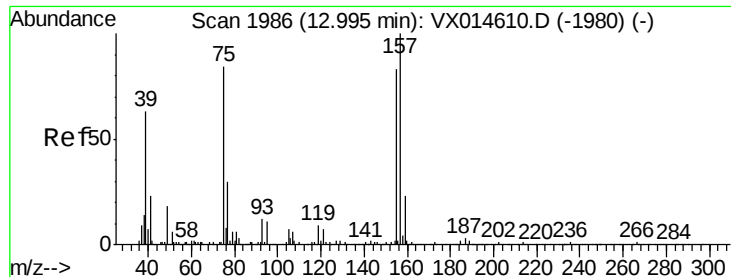
Tot Ion	Ratio	Lower	Upper
91	100		
92	23.0	0.0	109.0
134	11.1	0.0	54.0



#87
1,2-Dichlorobenzene
Concen: 0.382 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014639.D
Acq: 16 Jan 2020 15:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.1	60.2
148	62.2	32.0	96.2





#88

1,2-Dibromo-3-Chloropropane

Concen: 0.530 ug/l

RT: 13.00 min Scan# 1987

Delta R.T. 0.01 min

Lab File: VX014639.D

Acq: 16 Jan 2020 15:34

Instrument :

MSVOA_X

ClientSampled :

4001157623

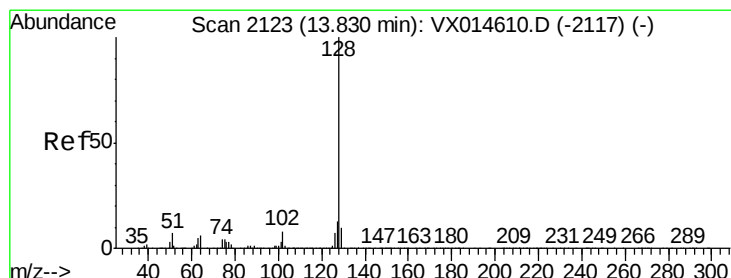
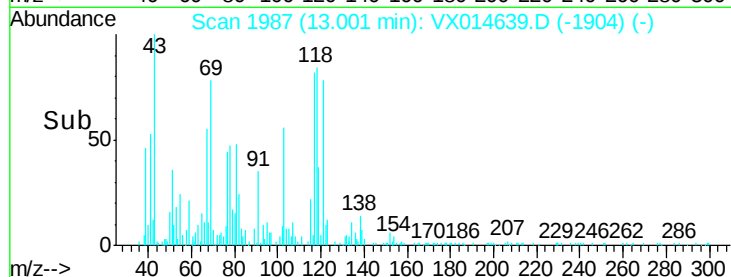
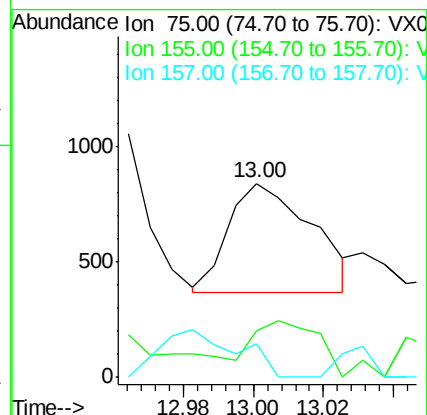
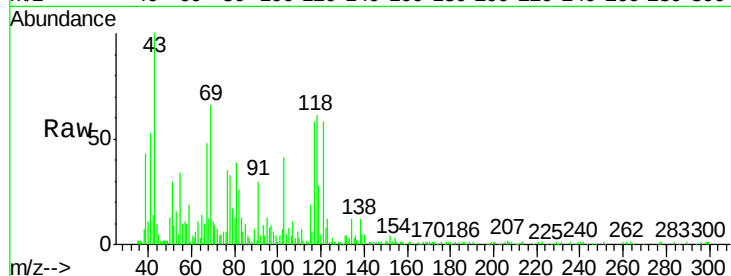
Tot Ion: 75 Resp: 778

Ion Ratio Lower Upper

75 100

155 40.0 73.8 110.6#

157 6.8 95.0 142.4#



#91

Naphthalene

Concen: 19.256 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014639.D

Acq: 16 Jan 2020 15:34

Tgt Ion: 128 Resp: 365229

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.9 8.9 13.3

