

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
 Data File : VX006961.D
 Acq On : 09 Jan 2019 13:26
 Operator : JC/MD
 Sample : K1082-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-1

Quant Time: Jan 10 00:54:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	642179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	977911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	923413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	471199	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	330413	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	5.50	113	298960	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	8.71	98	1174314	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.13	95	432371	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	

Target Compounds

					Qvalue
8) Diethyl Ether	2.19	74	11073	2.608	ug/l 98
10) Methyl Iodide	2.53	142	2253	0.261	ug/l # 74
11) Tert butyl alcohol	3.06	59	7510	4.744	ug/l # 82
13) Acrolein	2.28	56	840	4.299	ug/l # 1
16) Acetone	2.45	43	42610	12.843	ug/l 91
17) Carbon Disulfide	2.57	76	3484	0.229	ug/l # 91
18) Methyl Acetate	2.78	43	2942	0.306	ug/l # 69
20) Methylene Chloride	2.86	84	37629	5.459	ug/l 94
25) 2-Butanone	4.70	43	11734	2.472	ug/l 92
29) Tetrahydrofuran	5.15	42	2084	0.675	ug/l # 86
36) 1,1-Dichloropropene	5.65	75	40081	4.714	ug/l # 49
38) Carbon Tetrachloride	5.66	117	58207	6.805	ug/l # 14
43) Isopropyl Acetate	6.45	43	33646	2.340	ug/l 98
48) Methyl methacrylate	7.68	41	15762	2.135	ug/l # 12
49) 1,4-Dioxane	7.73	88	428	Below Cal	# 1
51) 4-Methyl-2-Pentanone	8.62	43	158751	17.181	ug/l # 48
52) Toluene	8.78	92	114810	6.886	ug/l 100
54) cis-1,3-Dichloropropene	8.62	75	78553	8.222	ug/l # 65
57) 1,3-Dichloropropane	9.54	76	18156	1.661	ug/l # 44
59) 2-Hexanone	9.44	43	25679	3.647	ug/l # 24
67) Ethyl Benzene	10.25	91	86778	2.610	ug/l 100
68) m/p-Xylenes	10.35	106	142987	10.915	ug/l 98
69) o-Xylene	10.69	106	59995	4.696	ug/l 98
73) Isopropylbenzene	11.02	105	9484	0.285	ug/l 97
74) N-amyl acetate	10.69	43	23806	1.780	ug/l # 57
76) 1,2,3-Trichloropropane	11.13	75	200471	20.995	ug/l # 41
78) n-propylbenzene	11.36	91	40366	1.107	ug/l 98
79) 2-Chlorotoluene	11.43	91	24352	1.109	ug/l # 40
80) 1,3,5-Trimethylbenzene	11.51	105	74811	2.695	ug/l 99
81) trans-1,4-Dichloro-2-buten	11.13	75	200471	62.348	ug/l # 10
82) 4-Chlorotoluene	11.51	91	8273	0.325	ug/l # 57
84) 1,2,4-Trimethylbenzene	11.80	105	247458	8.864	ug/l 99
85) sec-Butylbenzene	11.80	105	247458	7.480	ug/l # 55
88) 1,4-Dichlorobenzene	12.03	146	1403	0.234	ug/l 87

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Quant Time: Jan 10 00:54:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

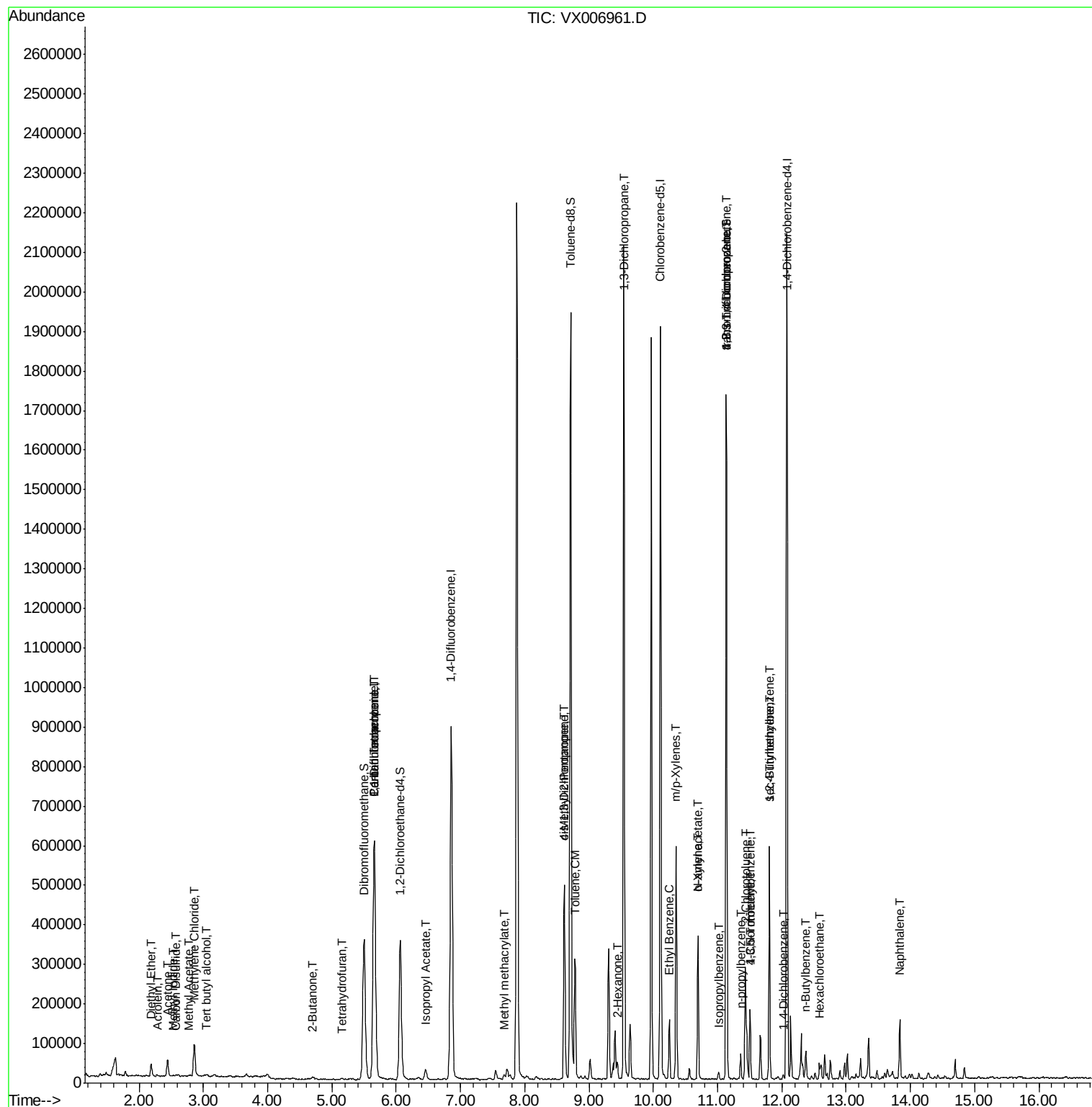
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	9739	0.386	ug/l #	22
90) Hexachloroethane	12.59	117	1987	3.304	ug/l #	9
95) Naphthalene	13.83	128	90343	2.661	ug/l	98

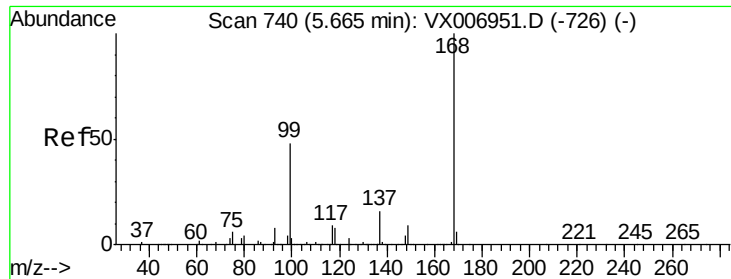
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

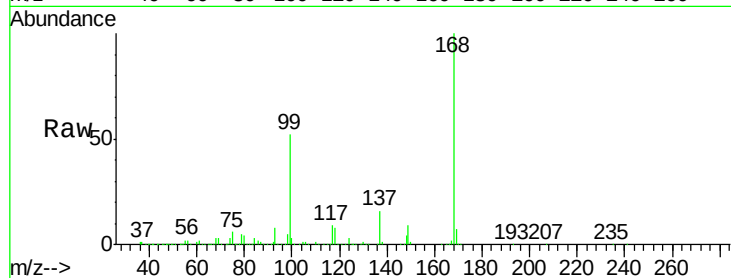
SP-1-1

Tot Ion:168 Resp: 642179

Ion Ratio Lower Upper

168 100

99 51.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

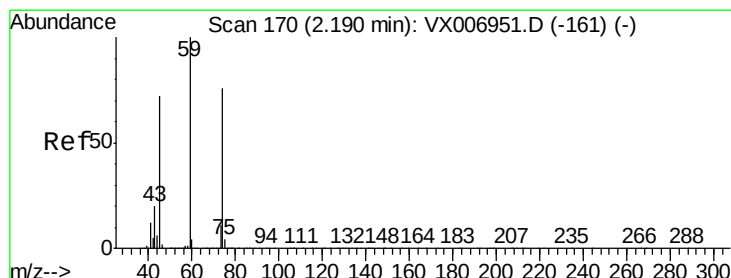
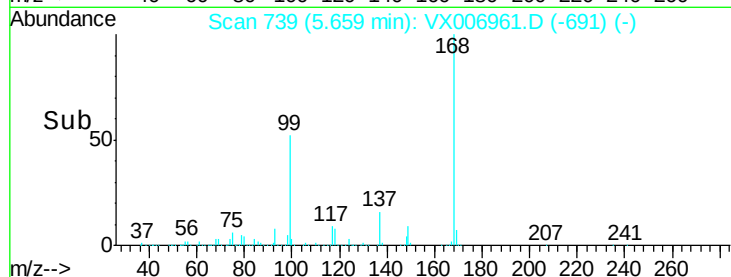
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.608 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX006961.D

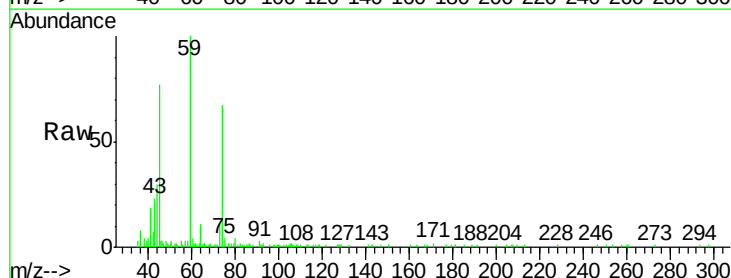
Acq: 09 Jan 2019 13:26

Tgt Ion: 74 Resp: 11073

Ion Ratio Lower Upper

74 100

45 94.4 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

8000

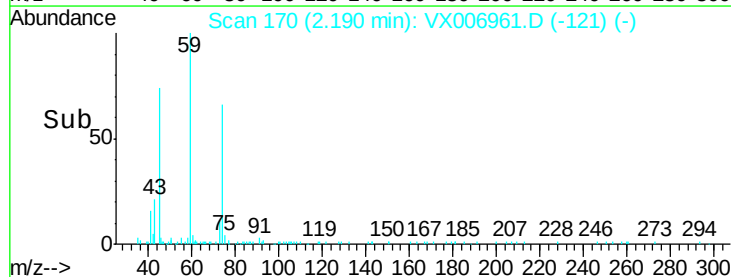
6000

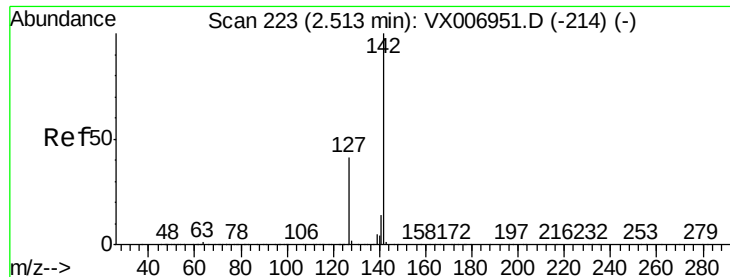
4000

2000

0

Time-->

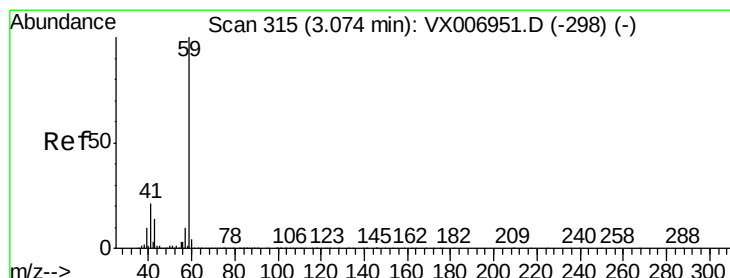
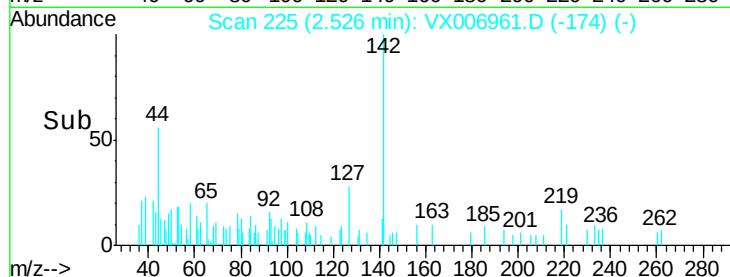
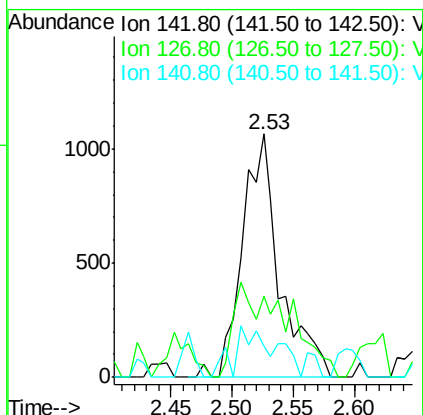
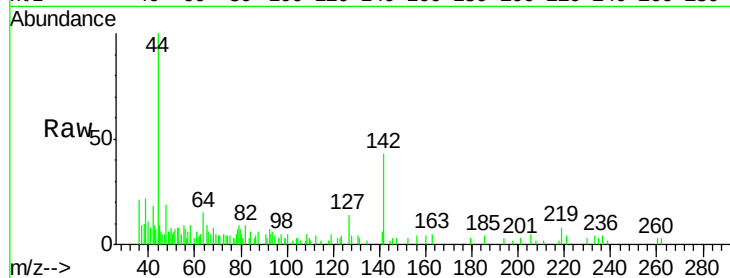




#10
Methvl Iodide
Concen: 0.261 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.01 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

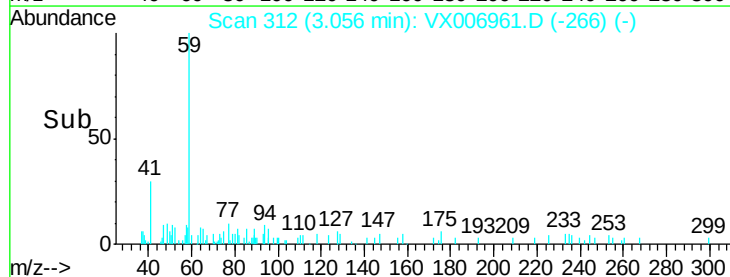
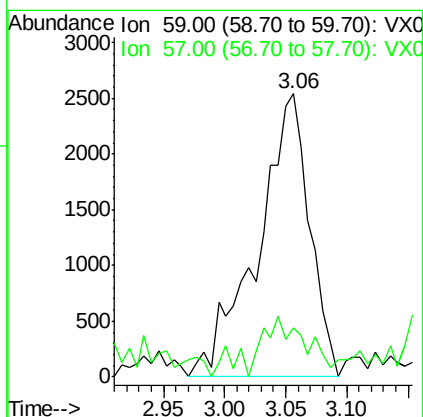
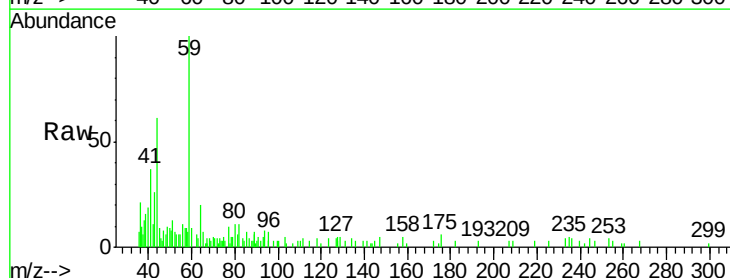
Instrument :
MSVOA_X
ClientSampled :
SP-1-1

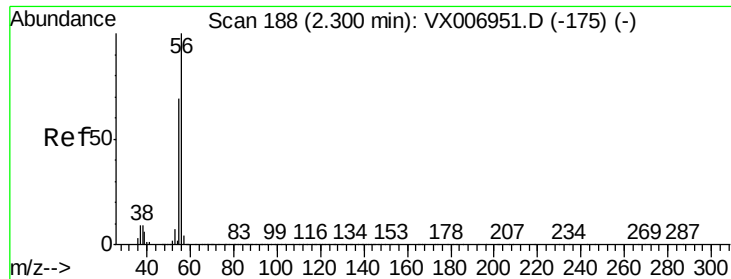
Tot Ion:142 Resp: 2253
Ion Ratio Lower Upper
142 100
127 21.6 33.9 50.9#
141 16.4 11.4 17.0



#11
Tert butyl alcohol
Concen: 4.744 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

Tgt Ion: 59 Resp: 7510
Ion Ratio Lower Upper
59 100
57 17.4 8.5 12.7#

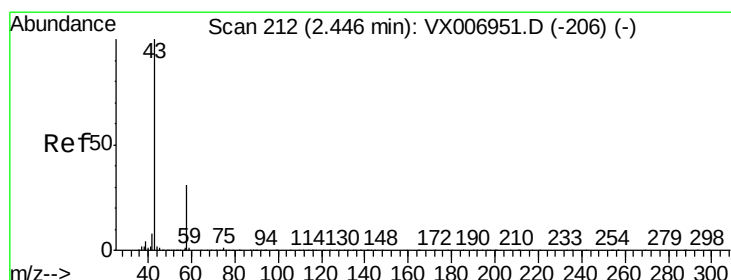
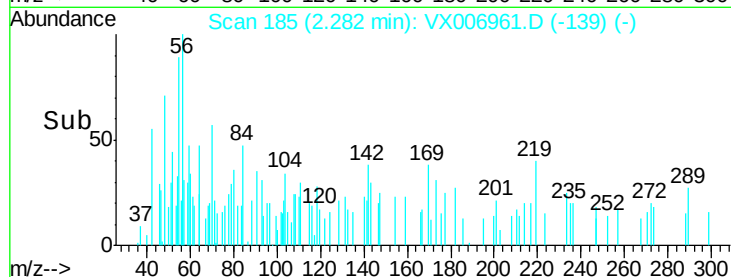
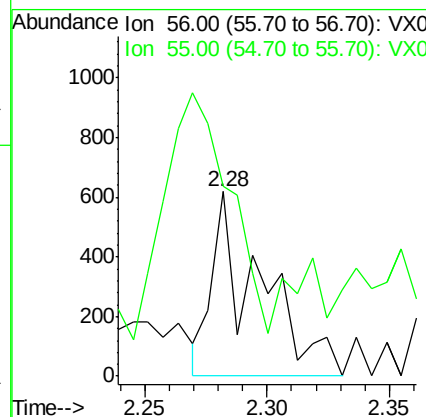
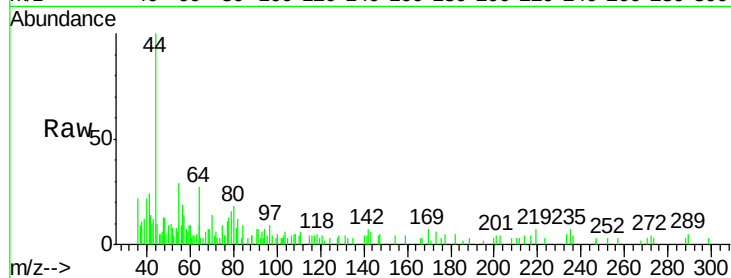




#13
Acrolein
Concen: 4.299 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.02 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

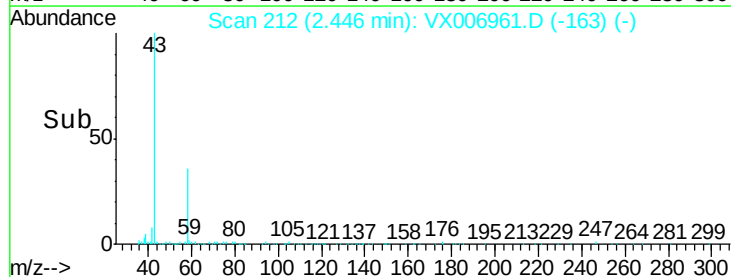
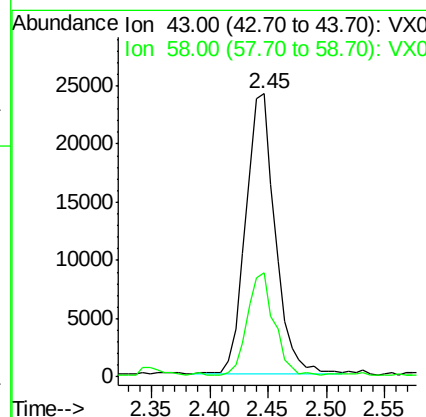
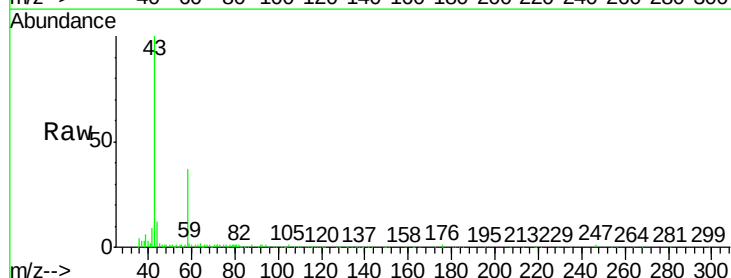
Instrument :
MSVOA_X
ClientSampled :
SP-1-1

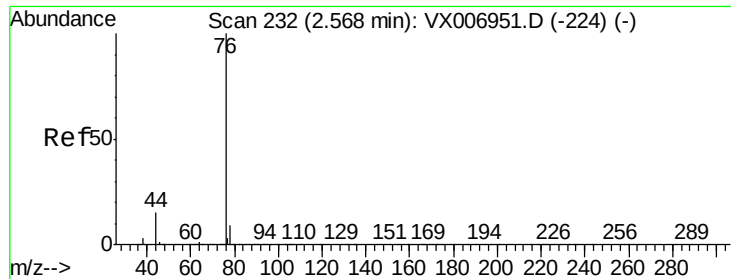
Tot Ion: 56 Resp: 840
Ion Ratio Lower Upper
56 100
55 198.7 58.2 87.4#



#16
Acetone
Concen: 12.843 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

Tgt Ion: 43 Resp: 42610
Ion Ratio Lower Upper
43 100
58 36.0 25.0 37.6





#17

Carbon Disulfide

Concen: 0.229 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

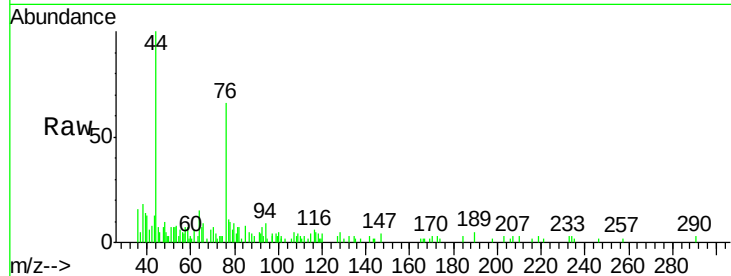
SP-1-1

Tot Ion: 76 Resp: 3484

Ion Ratio Lower Upper

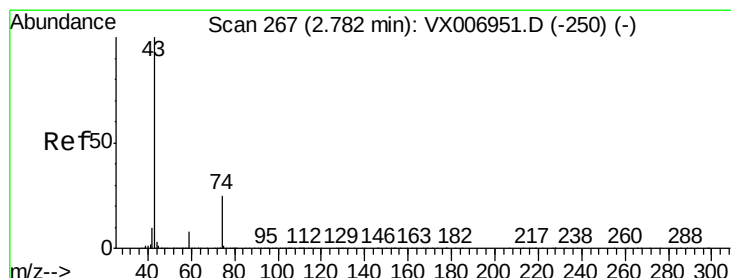
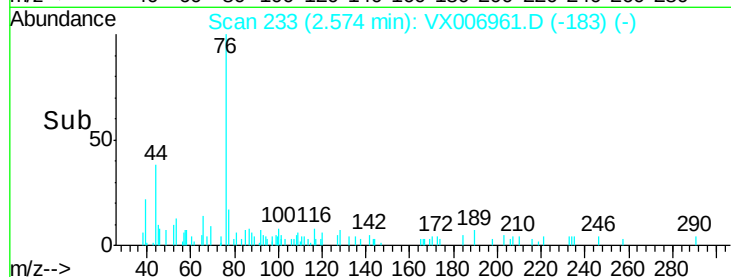
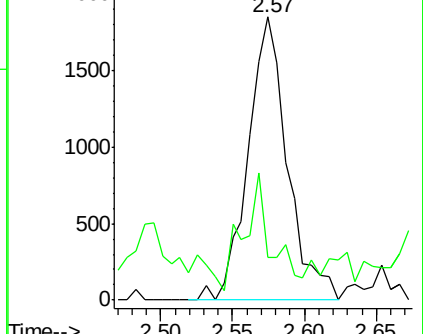
76 100

78 5.5 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.306 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006961.D

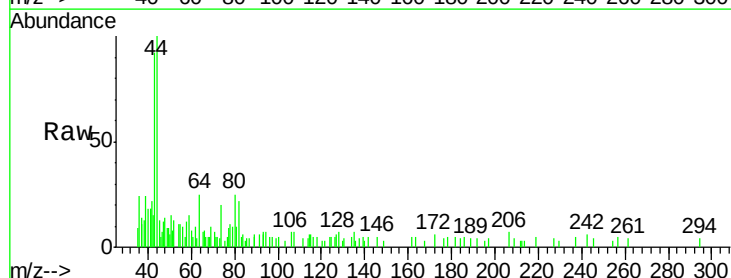
Acq: 09 Jan 2019 13:26

Tgt Ion: 43 Resp: 2942

Ion Ratio Lower Upper

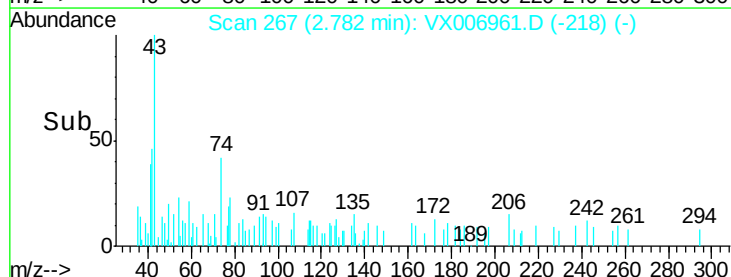
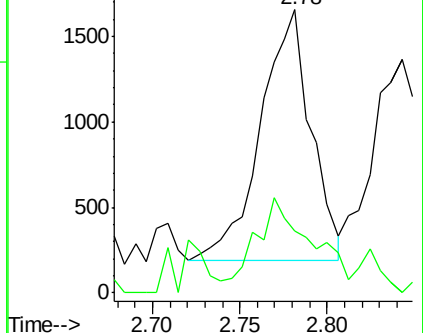
43 100

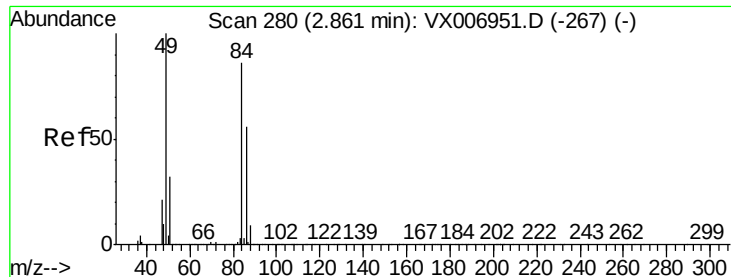
74 38.3 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

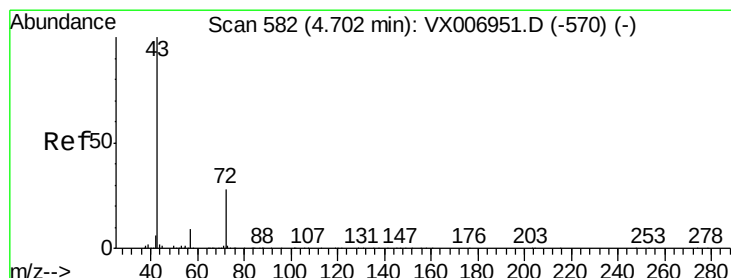
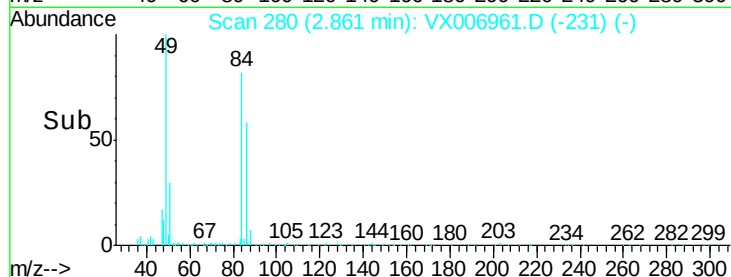
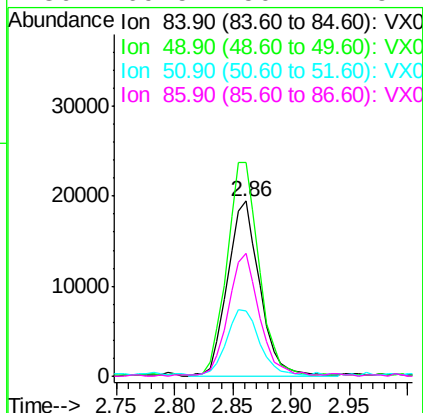
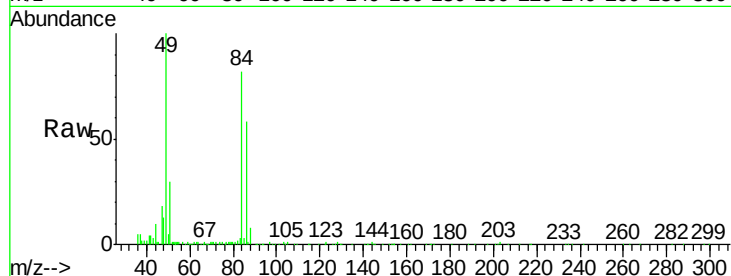




#20
Methvlene Chloride
Concen: 5.459 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

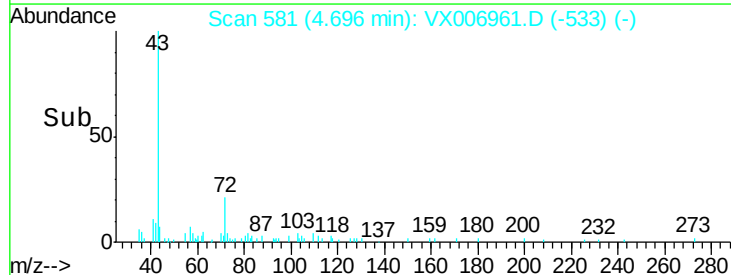
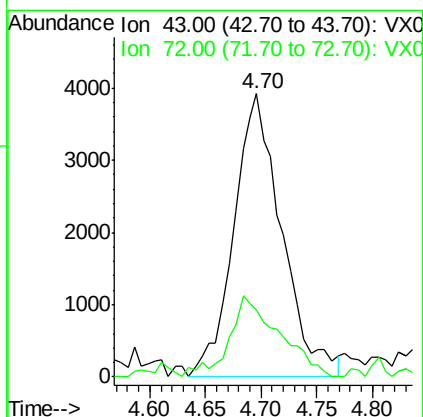
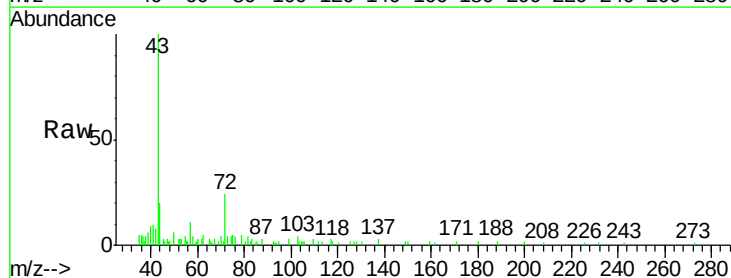
Instrument :
MSVOA_X
ClientSampleId :
SP-1-1

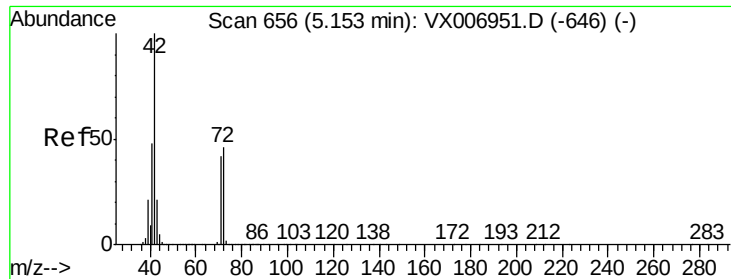
Tot Ion:	84	Resp:	37629
Ion	Ratio	Lower	Upper
84	100		
49	121.0	91.8	137.6
51	35.9	28.5	42.7
86	69.5	50.2	75.2



#25
2-Butanone
Concen: 2.472 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

Tgt Ion:	43	Resp:	11734
Ion	Ratio	Lower	Upper
43	100		
72	23.6	22.4	33.6

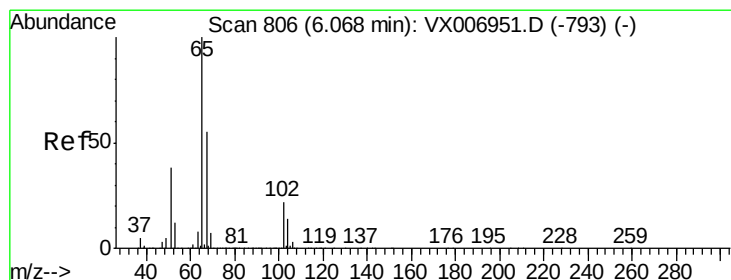
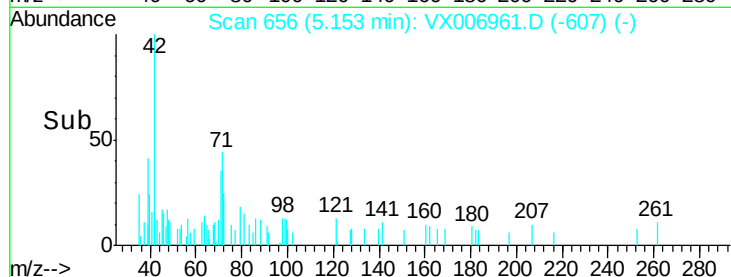
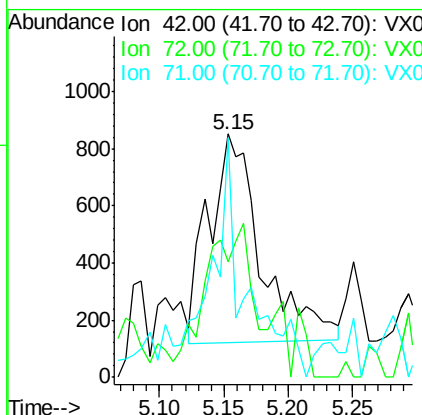
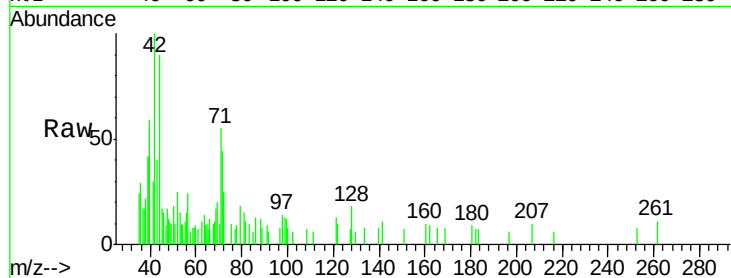




#29
Tetrahydrofuran
Concen: 0.675 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

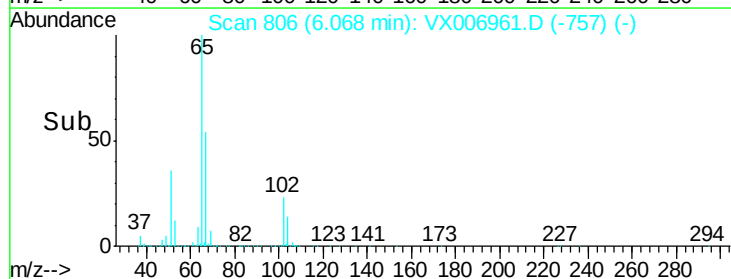
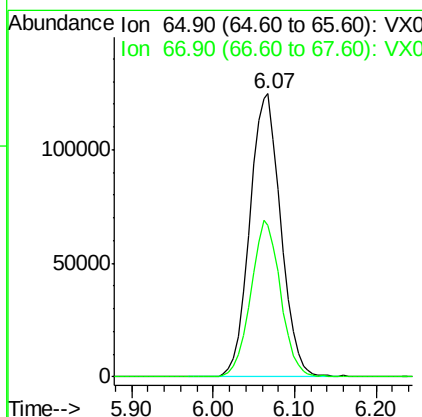
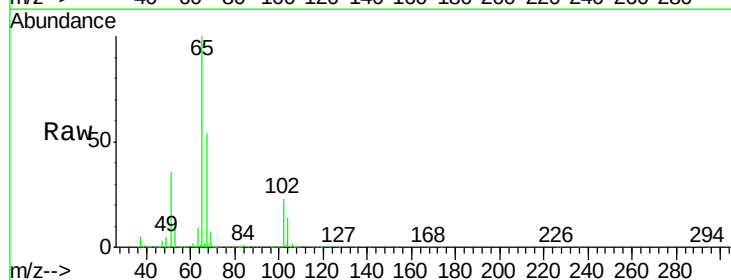
Instrument :
MSVOA_X
ClientSampled :
SP-1-1

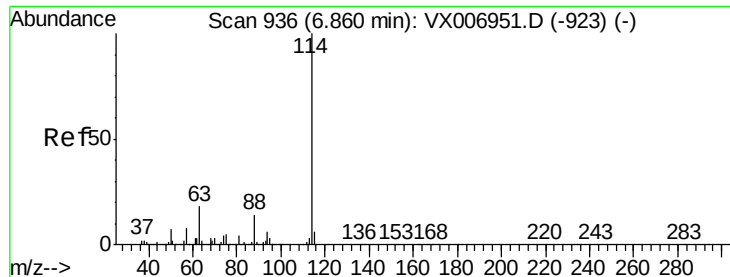
Tot Ion: 42 Resp: 2084
Ion Ratio Lower Upper
42 100
72 30.3 38.9 58.3#
71 44.6 36.2 54.4



#33
1,2-Dichloroethane-d4
Concen: 49.232 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

Tgt Ion: 65 Resp: 330413
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

SP-1-1

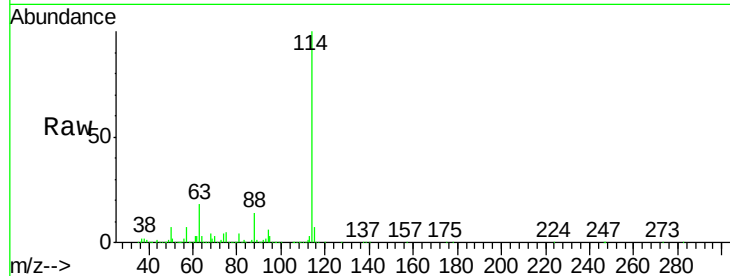
Tot Ion:114 Resp: 977911

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

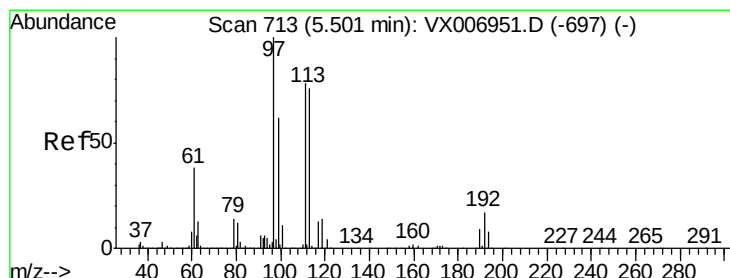
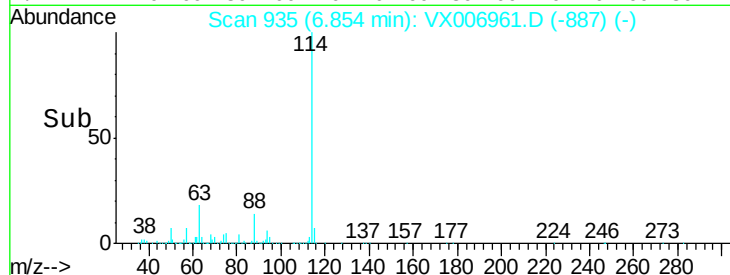
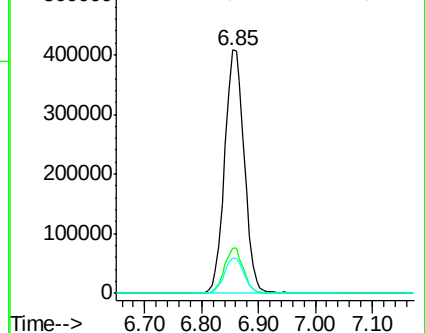
88 14.5 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.738 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

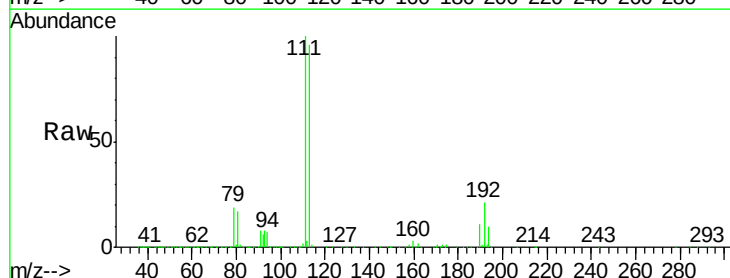
Tgt Ion:113 Resp: 298960

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

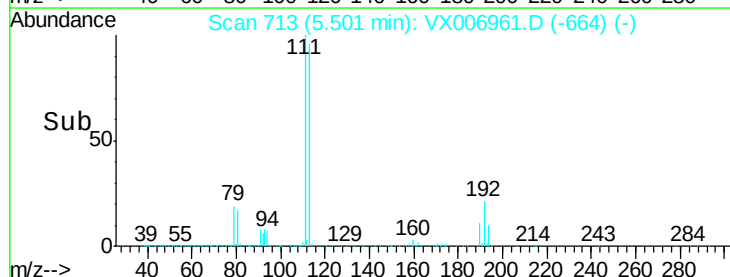
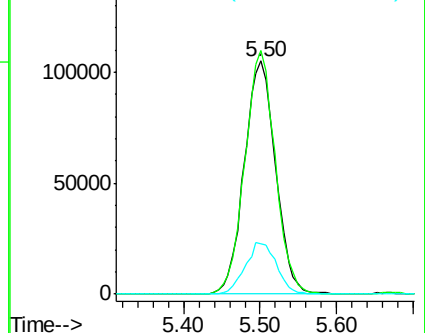
192 22.1 16.7 25.1

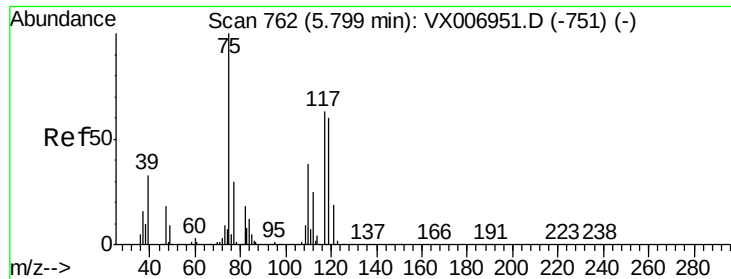


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.714 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

SP-1-1

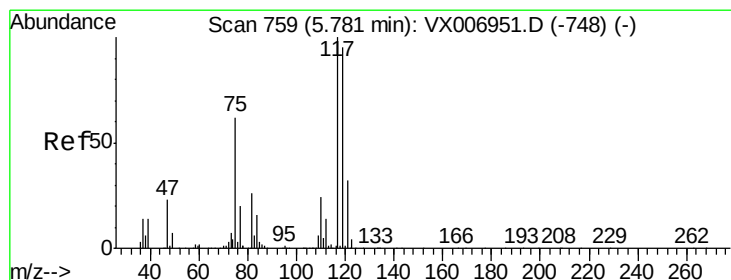
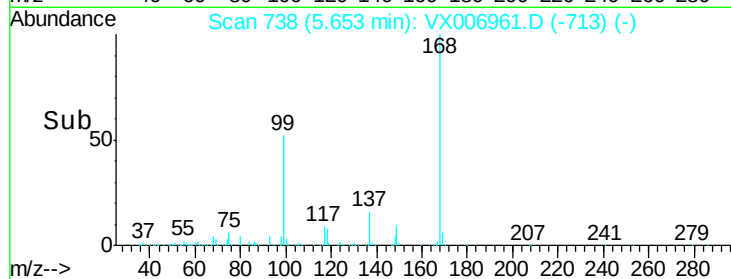
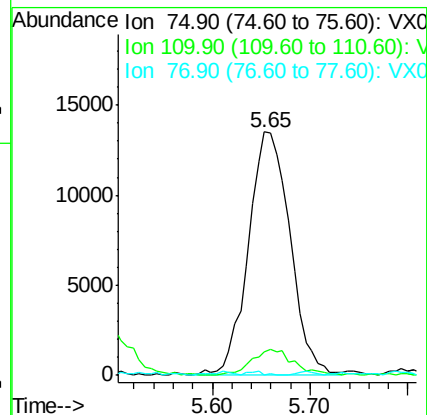
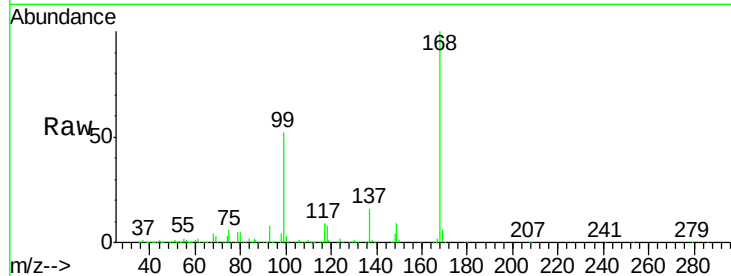
Tot Ion: 75 Resp: 40081

Ion Ratio Lower Upper

75 100

110 10.9 20.2 60.5#

77 0.6 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.805 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

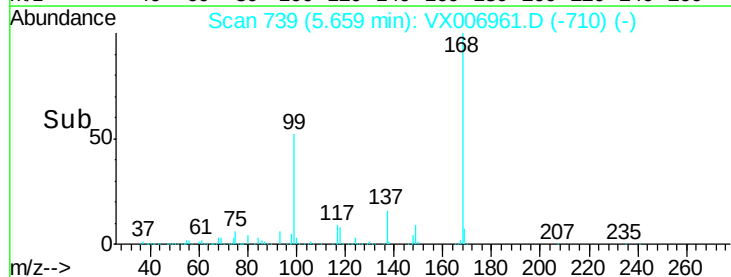
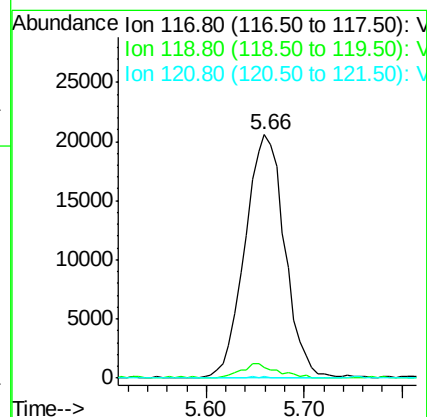
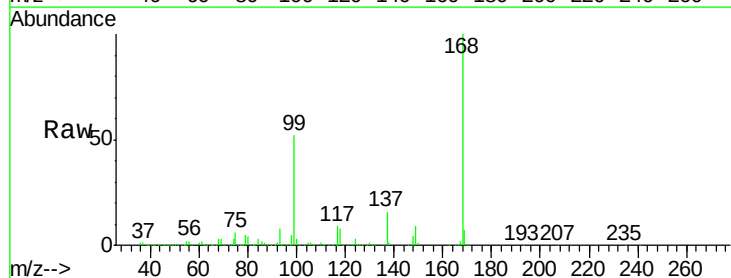
Tgt Ion: 117 Resp: 58207

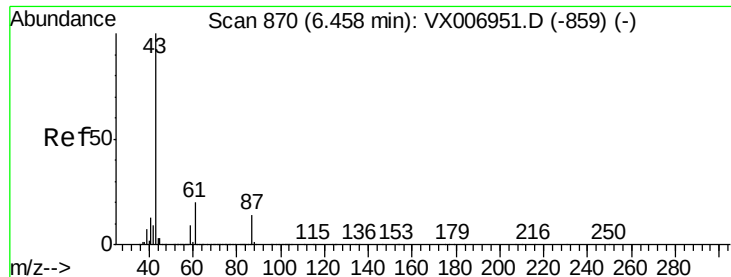
Ion Ratio Lower Upper

117 100

119 4.6 79.4 119.2#

121 0.6 24.0 36.0#





#43

Isopropyl Acetate

Concen: 2.340 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

SP-1-1

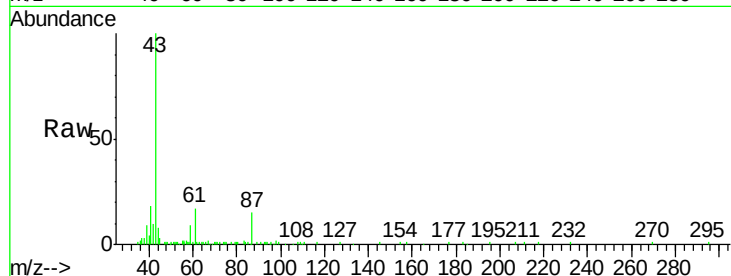
Tot Ion: 43 Resp: 33646

Ion Ratio Lower Upper

43 100

61 19.5 16.8 25.2

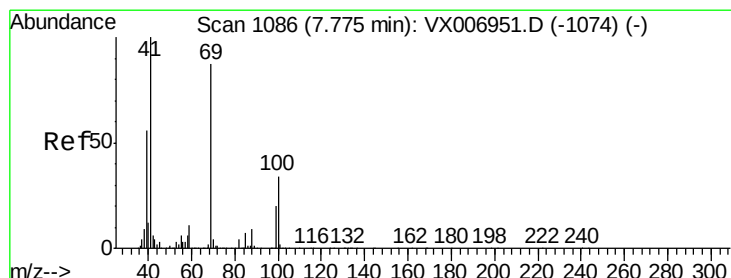
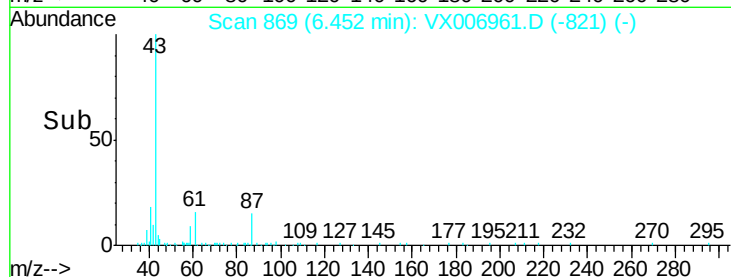
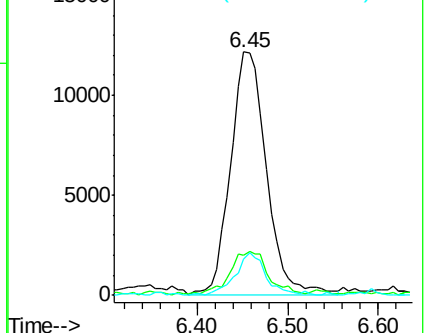
87 15.1 12.4 18.6



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



#48

Methyl methacrylate

Concen: 2.135 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

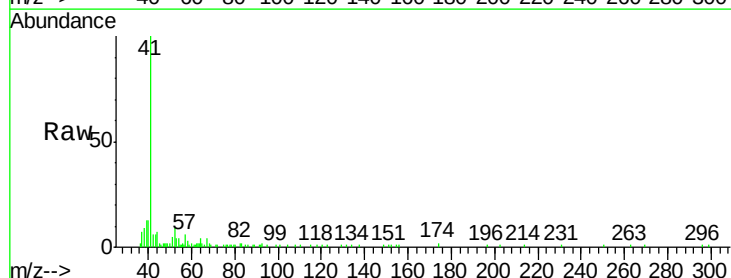
Tgt Ion: 41 Resp: 15762

Ion Ratio Lower Upper

41 100

69 0.6 72.4 108.6#

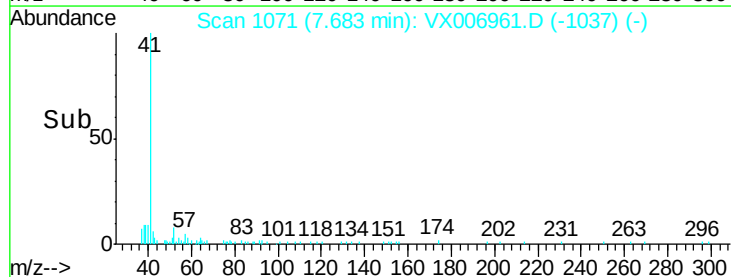
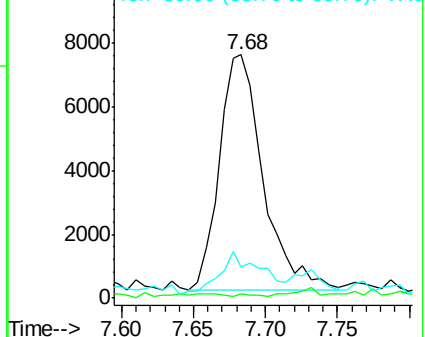
39 0.0 45.8 68.8#

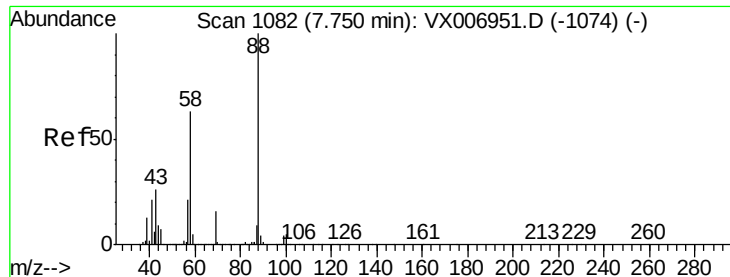


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.73 min Scan# 1078

Delta R.T. -0.02 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

SP-1-1

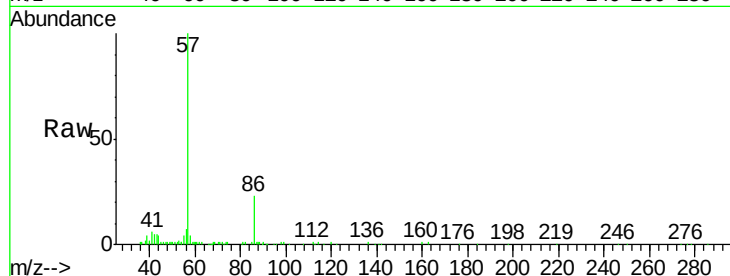
Tot Ion: 88 Resp: 428

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

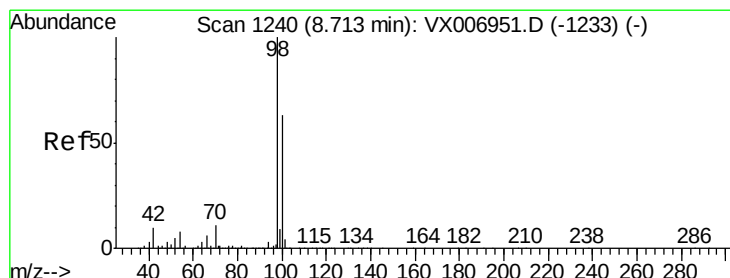
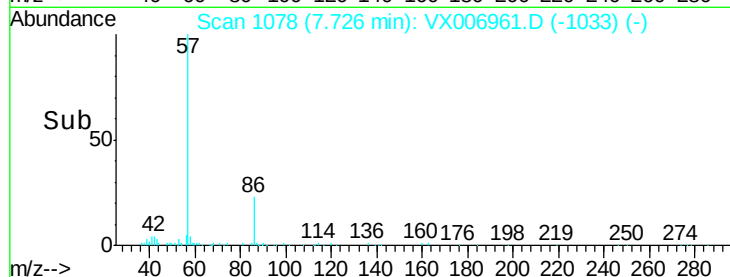
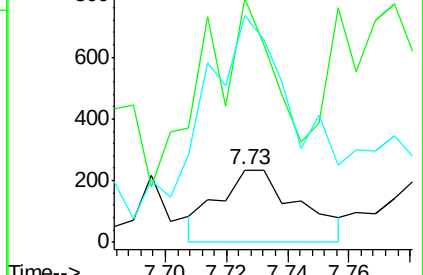
58 361.7 51.0 76.4#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.229 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006961.D

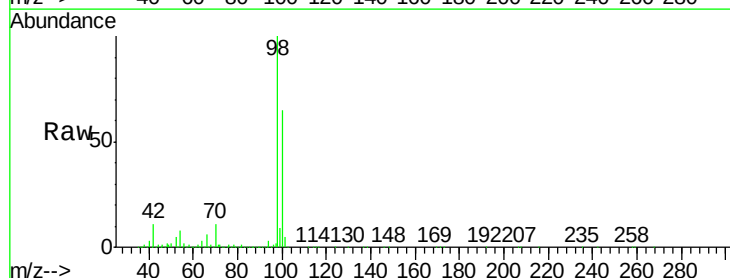
Acq: 09 Jan 2019 13:26

Tgt Ion: 98 Resp: 1174314

Ion Ratio Lower Upper

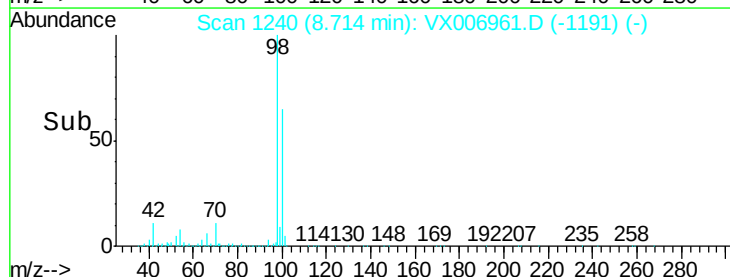
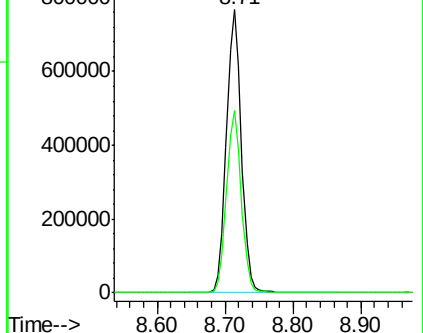
98 100

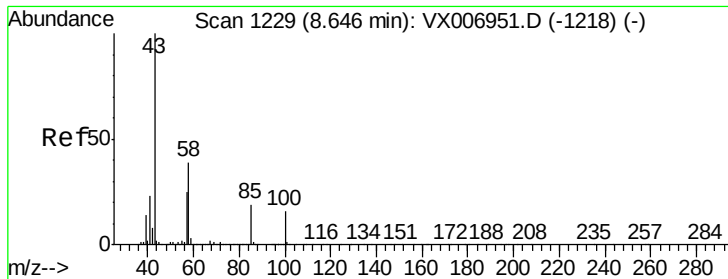
100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 17.181 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

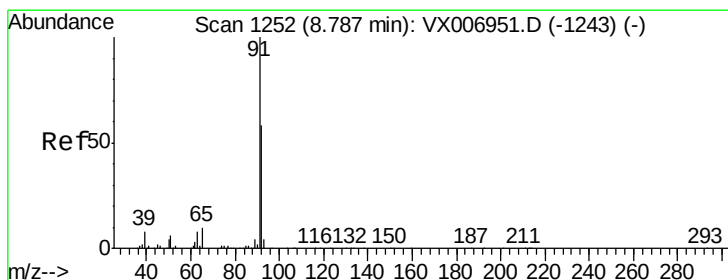
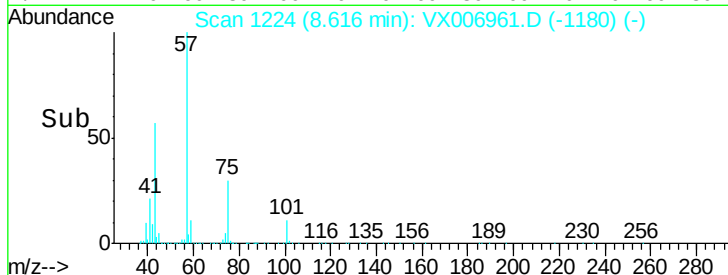
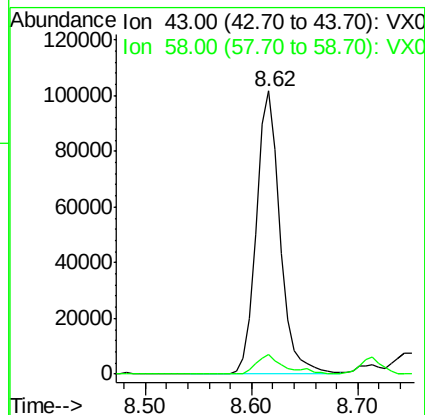
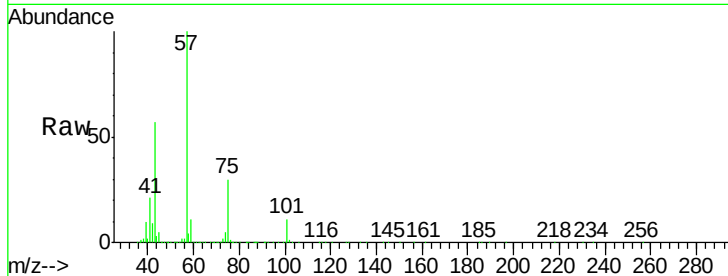
SP-1-1

Tot Ion: 43 Resp: 158751

Ion Ratio Lower Upper

43 100

58 8.0 31.8 47.6#



#52

Toluene

Concen: 6.886 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006961.D

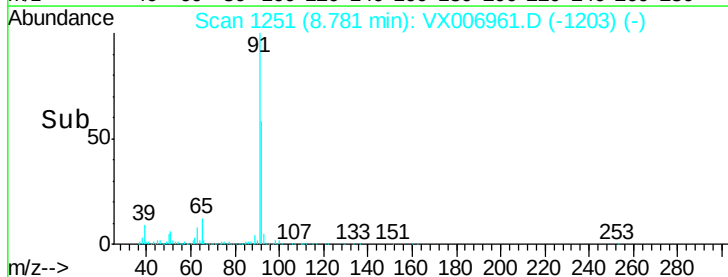
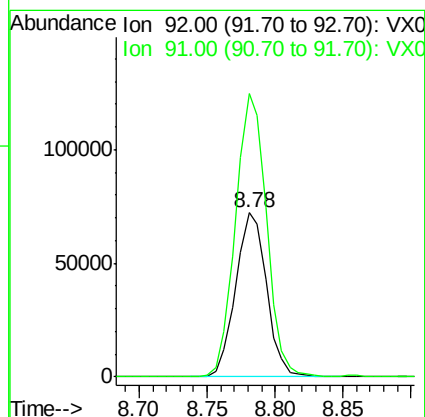
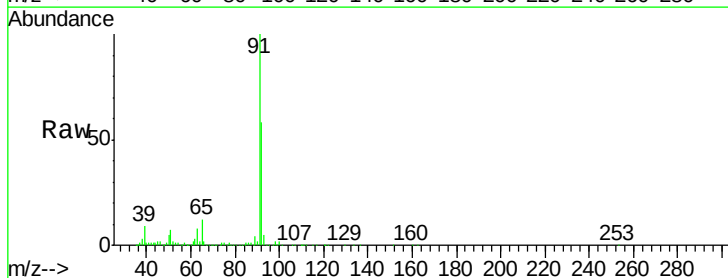
Acq: 09 Jan 2019 13:26

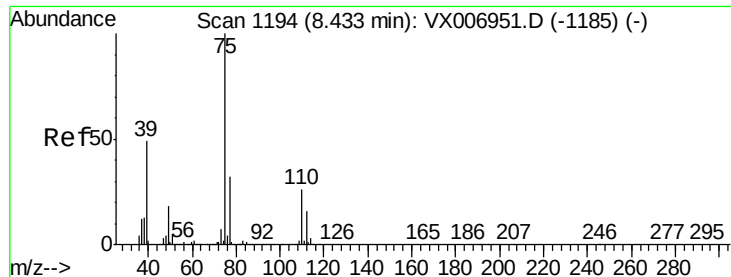
Tgt Ion: 92 Resp: 114810

Ion Ratio Lower Upper

92 100

91 172.2 137.6 206.4





#54

cis-1,3-Dichloropropene

Concen: 8.222 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

SP-1-1

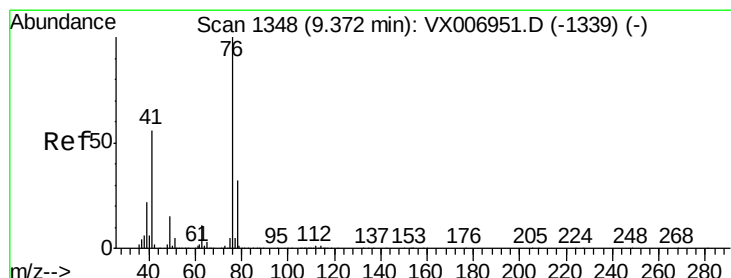
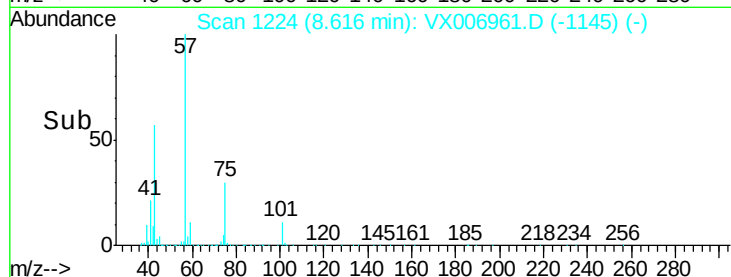
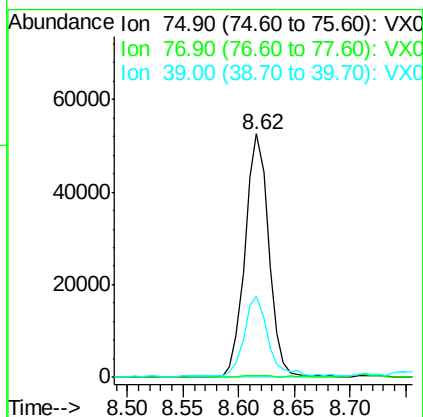
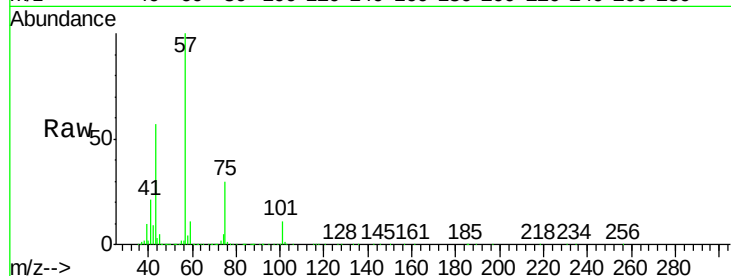
Tot Ion: 75 Resp: 78553

Ion Ratio Lower Upper

75 100

77 0.7 26.2 39.2#

39 33.0 36.7 55.1#



#57

1,3-Dichloropropane

Concen: 1.661 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006961.D

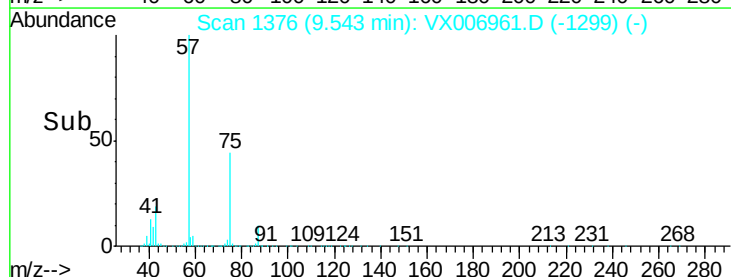
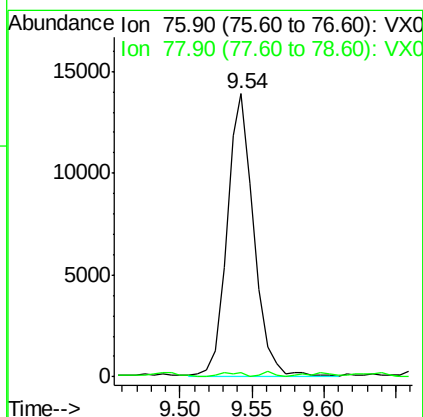
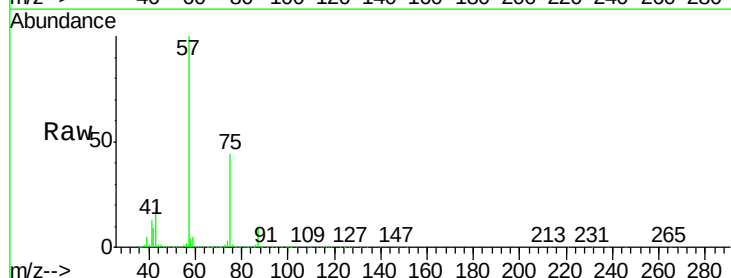
Acq: 09 Jan 2019 13:26

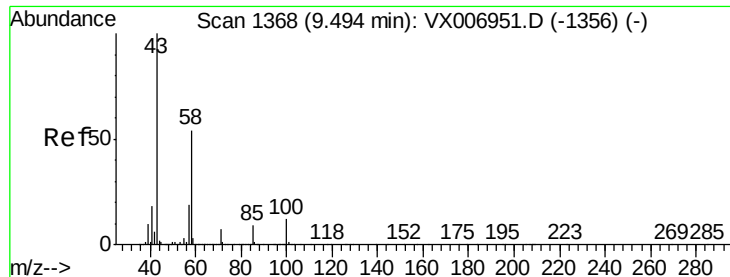
Tgt Ion: 76 Resp: 18156

Ion Ratio Lower Upper

76 100

78 1.3 26.0 39.0#





#59

2-Hexanone

Concen: 3.647 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.05 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

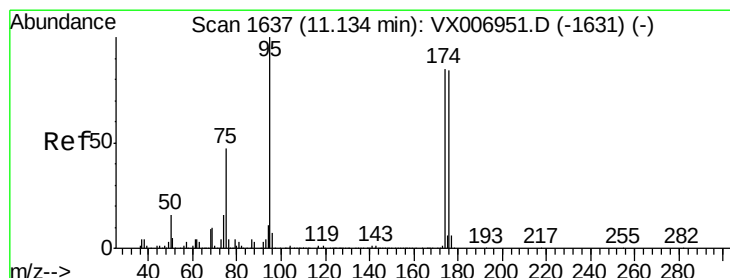
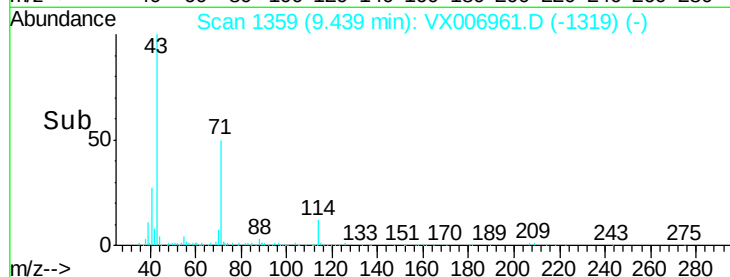
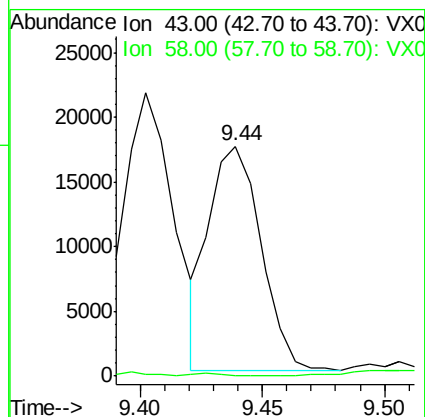
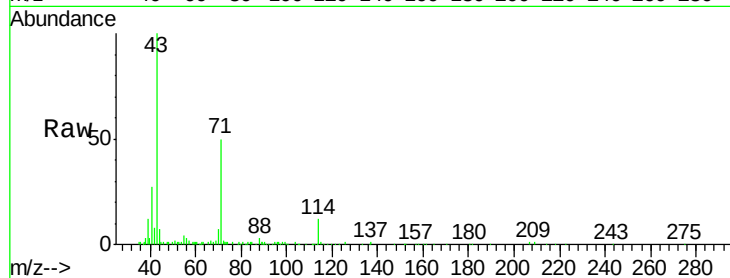
SP-1-1

Tot Ion: 43 Resp: 25679

Ion Ratio Lower Upper

43 100

58 0.0 27.7 83.1#



#62

4-Bromofluorobenzene

Concen: 54.105 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

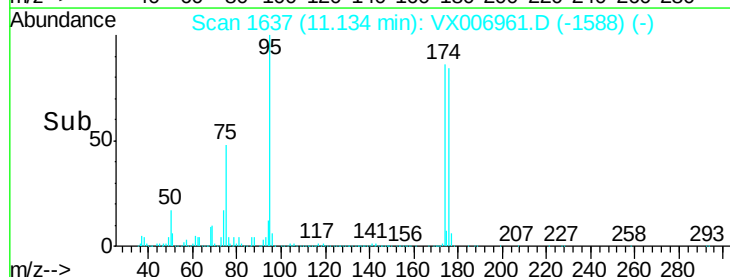
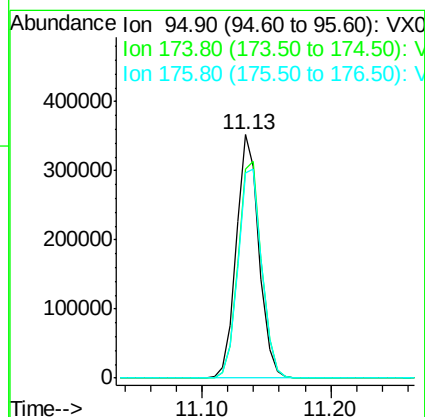
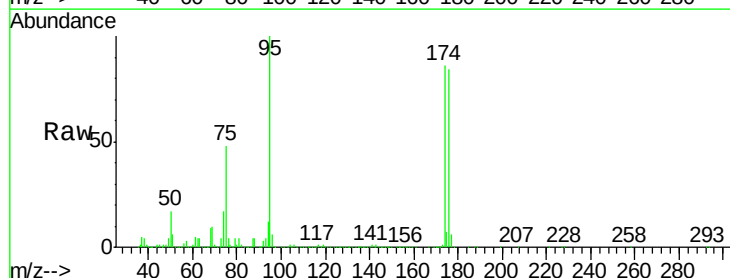
Tgt Ion: 95 Resp: 432371

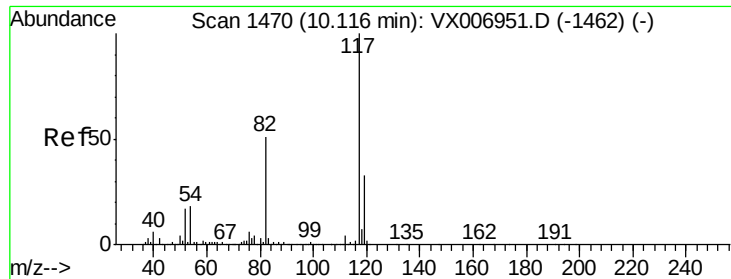
Ion Ratio Lower Upper

95 100

174 92.1 0.0 182.2

176 90.0 0.0 178.8

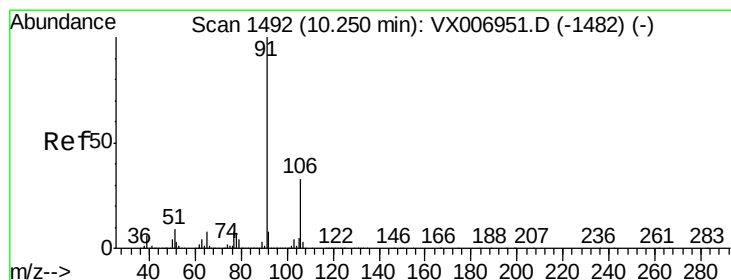
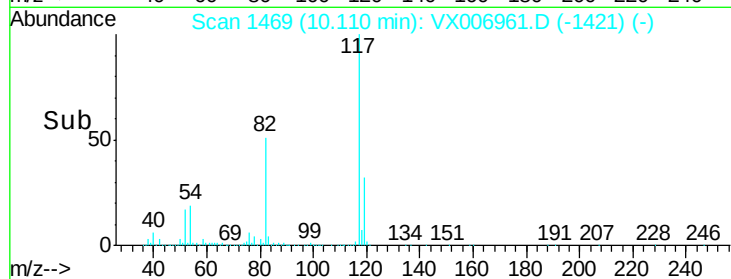
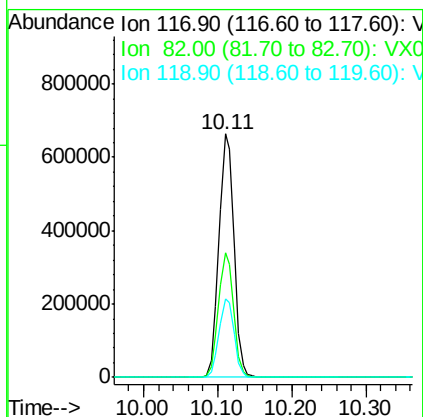
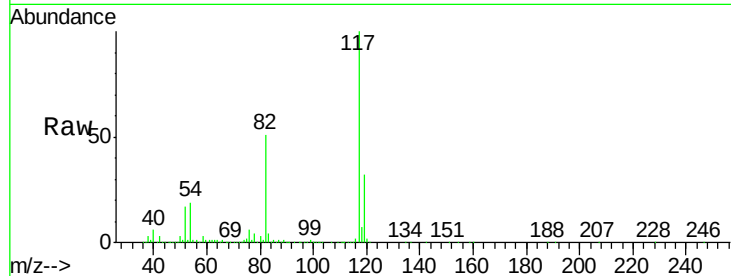




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

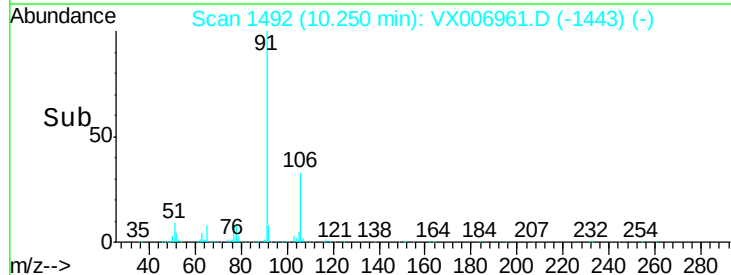
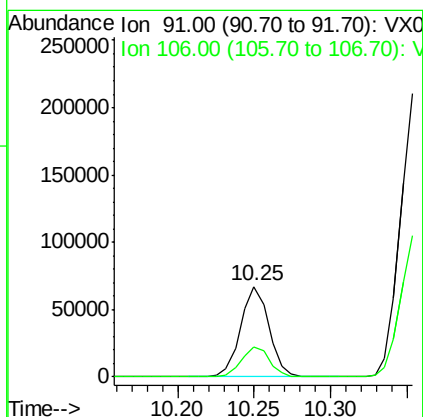
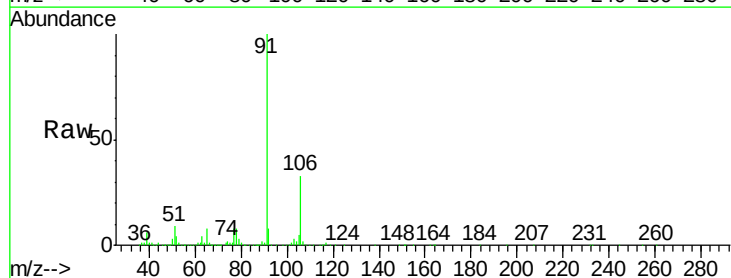
Instrument :
MSVOA_X
ClientSampled :
SP-1-1

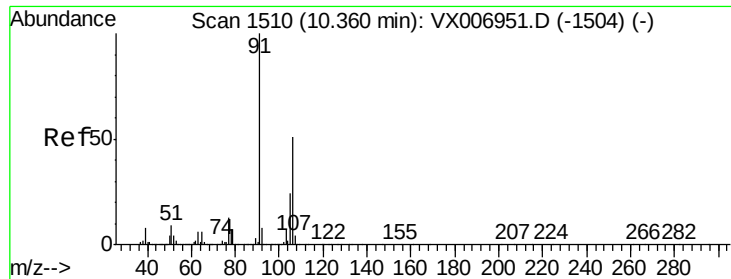
Tot Ion:117 Resp: 923413
Ion Ratio Lower Upper
117 100
82 51.4 41.0 61.6
119 32.2 25.4 38.0



#67
Ethyl Benzene
Concen: 2.610 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

Tgt Ion: 91 Resp: 86778
Ion Ratio Lower Upper
91 100
106 33.0 26.4 39.6

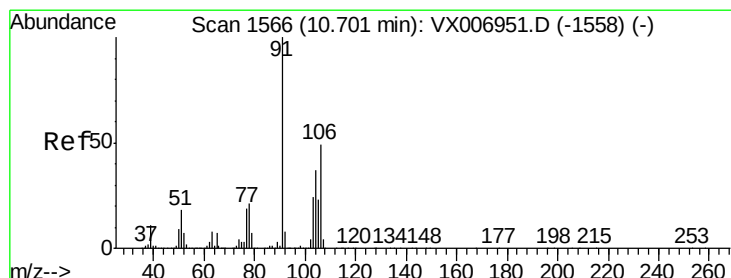
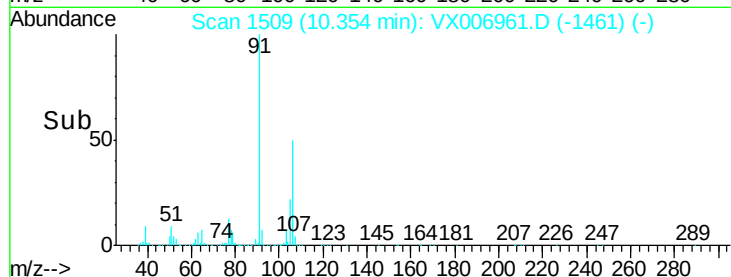
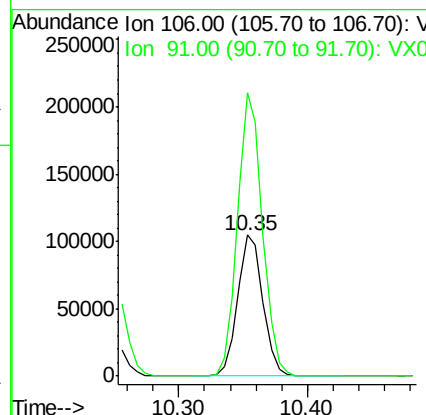
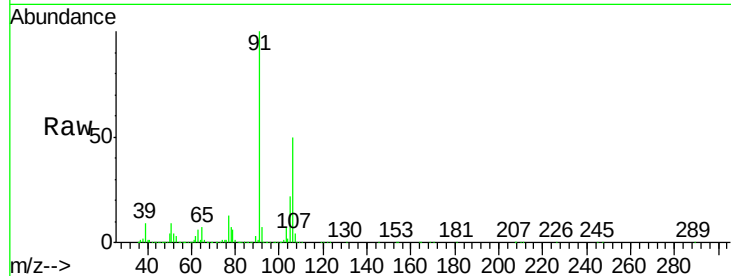




#68
m/p-Xylenes
Concen: 10.915 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

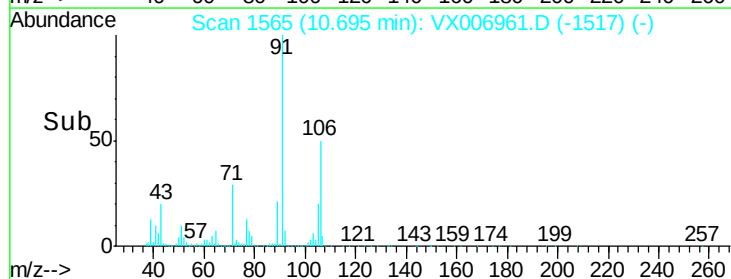
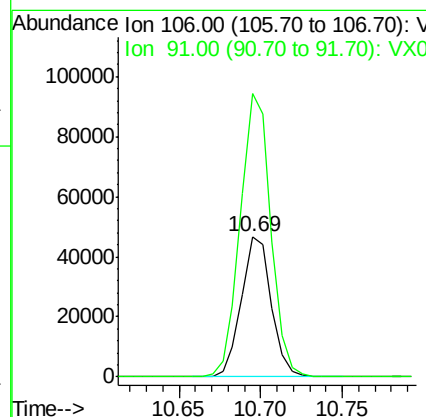
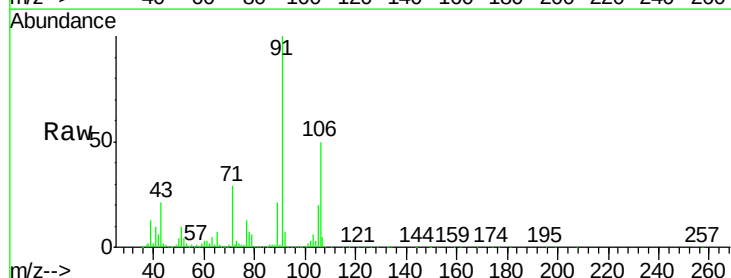
Instrument :
MSVOA_X
ClientSampleId :
SP-1-1

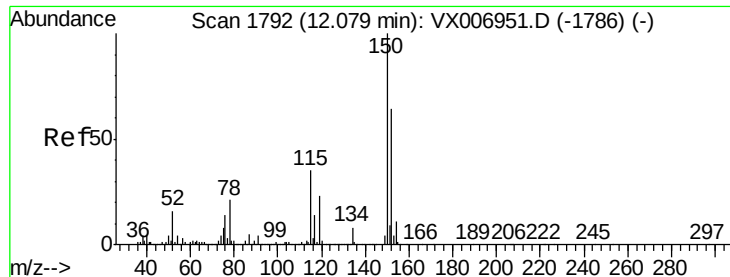
Tot Ion:106 Resp: 142987
Ion Ratio Lower Upper
106 100
91 197.9 155.8 233.6



#69
o-Xylene
Concen: 4.696 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

Tgt Ion:106 Resp: 59995
Ion Ratio Lower Upper
106 100
91 205.7 101.3 303.7

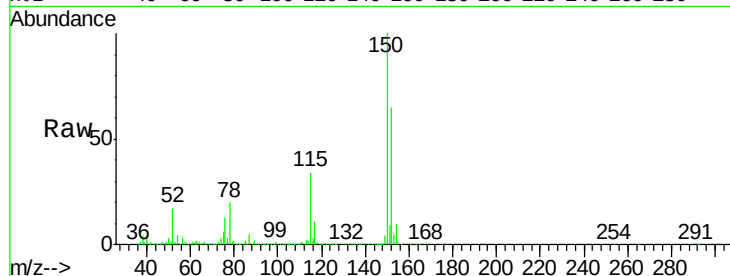




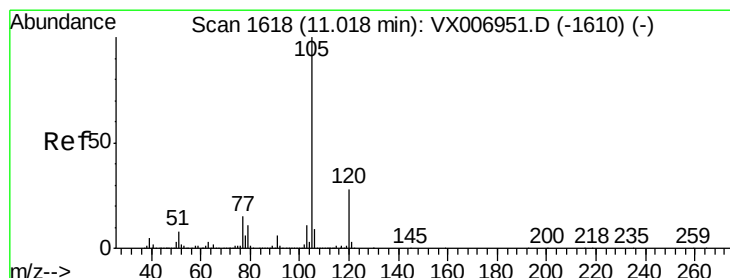
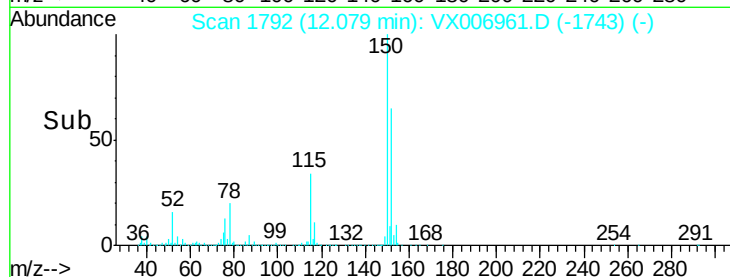
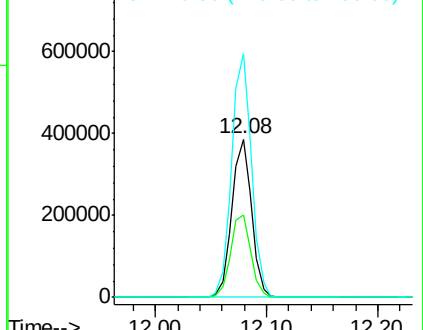
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX006961.D
 Acq: 09 Jan 2019 13:26

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.4	39.1	117.2
150	155.4	0.0	344.8

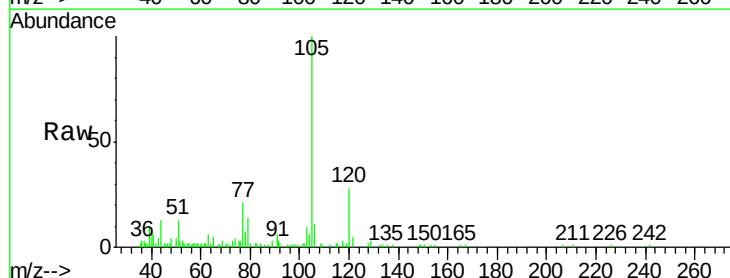


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

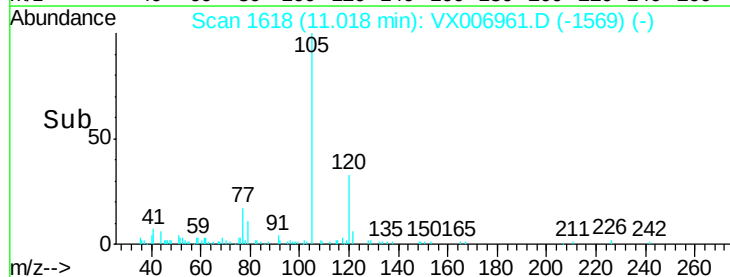
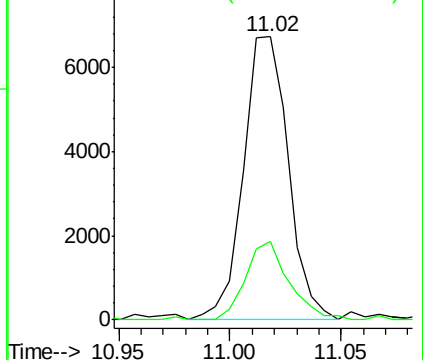


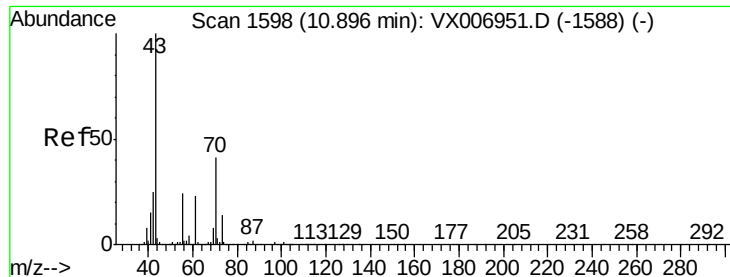
#73
 Isopropylbenzene
 Concen: 0.285 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: VX006961.D
 Acq: 09 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	14.1	42.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.780 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

SP-1-1

Tot Ion: 43 Resp: 23806

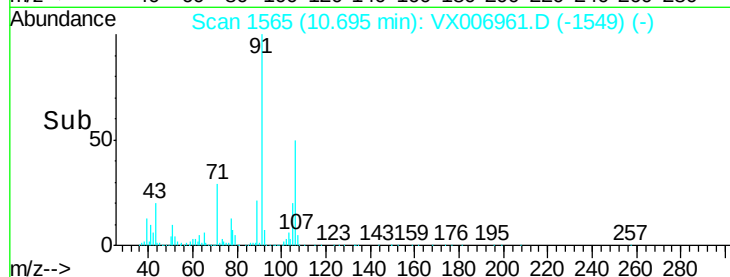
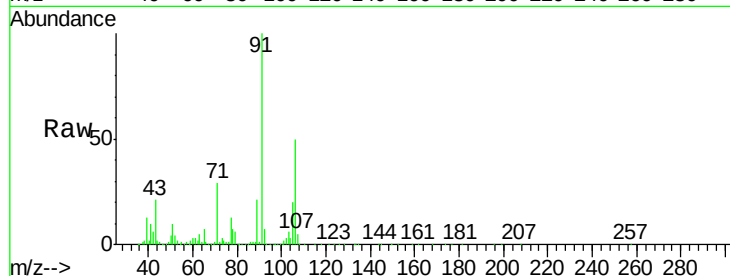
Ion Ratio Lower Upper

43 100

70 3.6 35.8 53.8#

55 6.1 19.4 29.0#

61 17.8 20.1 30.1#

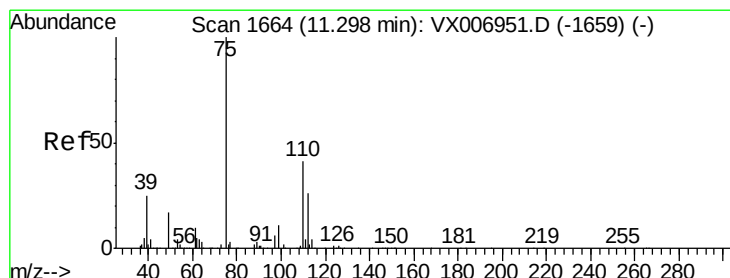
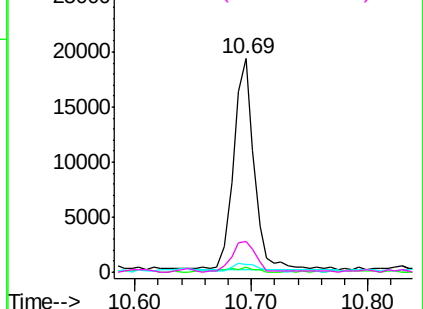


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 20.995 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006961.D

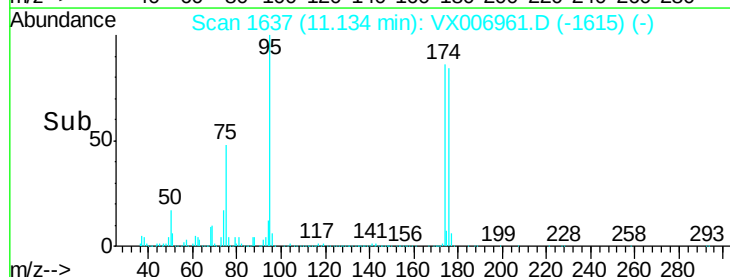
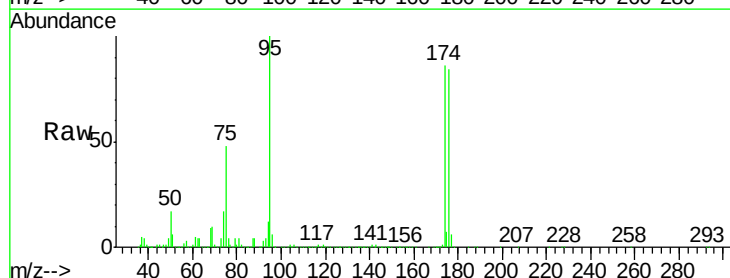
Acq: 09 Jan 2019 13:26

Tgt Ion: 75 Resp: 200471

Ion Ratio Lower Upper

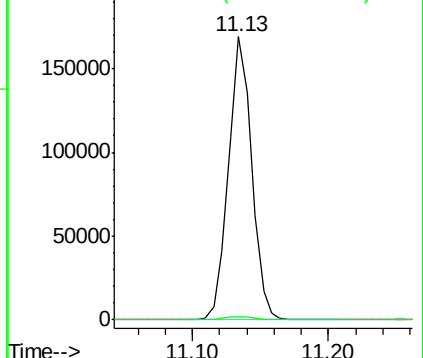
75 100

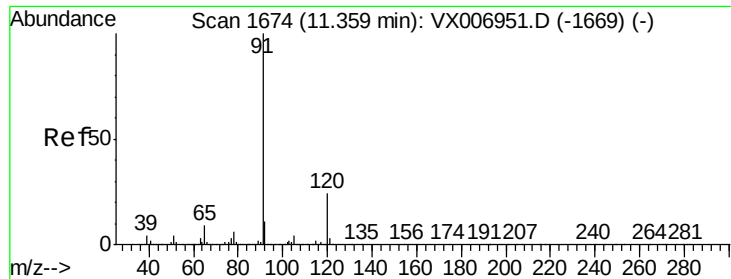
77 1.7 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.107 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

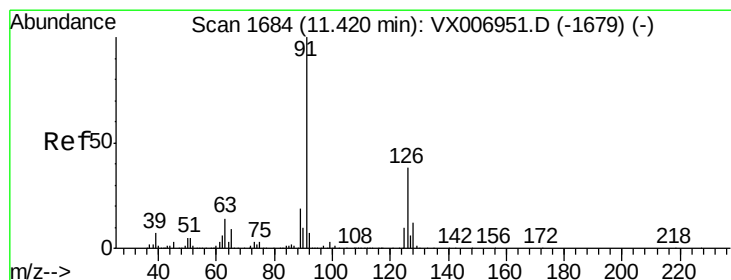
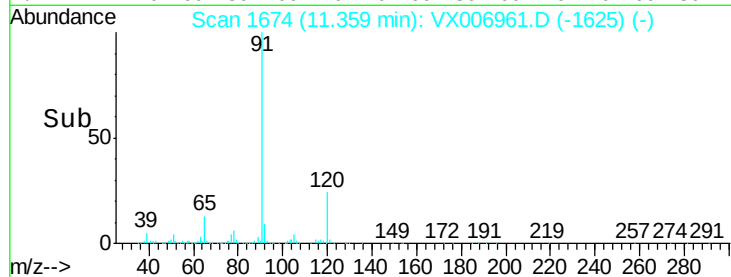
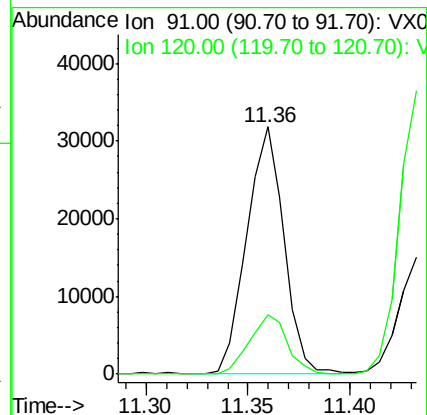
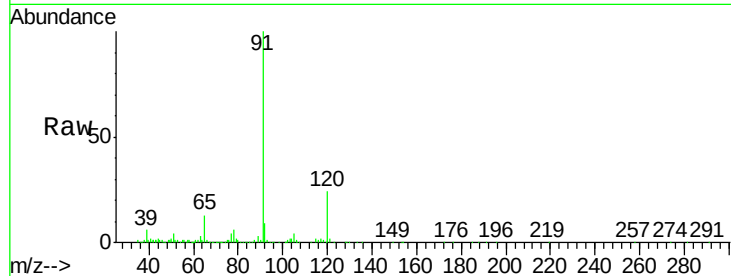
SP-1-1

Tot Ion: 91 Resp: 40366

Ion Ratio Lower Upper

91 100

120 24.5 12.7 38.0



#79

2-Chlorotoluene

Concen: 1.109 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006961.D

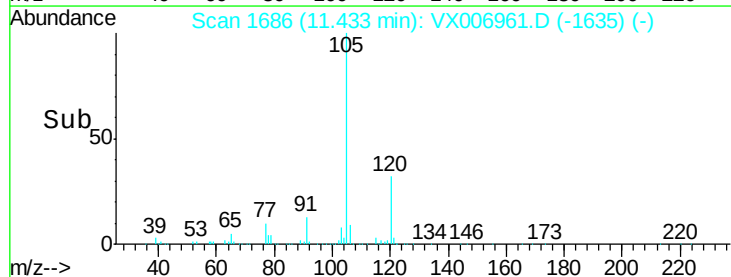
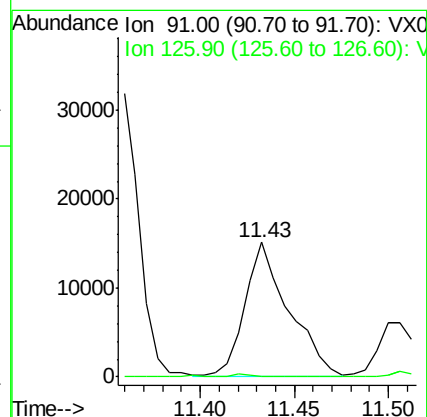
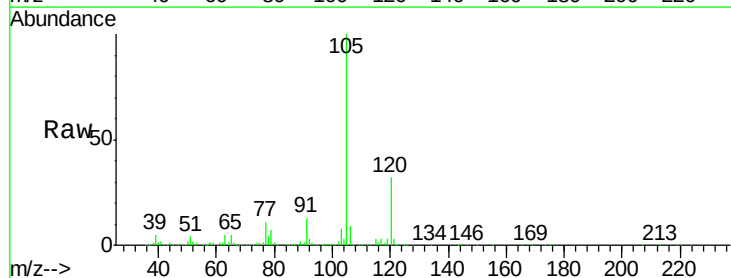
Acq: 09 Jan 2019 13:26

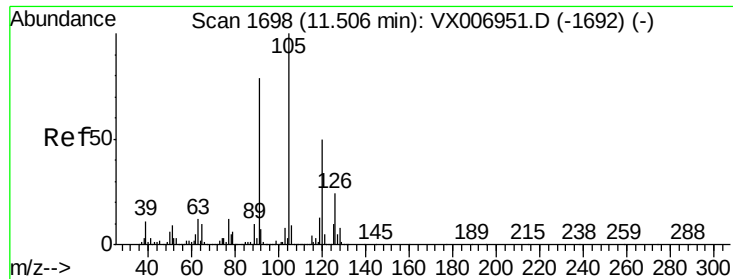
Tgt Ion: 91 Resp: 24352

Ion Ratio Lower Upper

91 100

126 1.4 18.6 56.0#





#80

1,3,5-Trimethylbenzene

Concen: 2.695 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

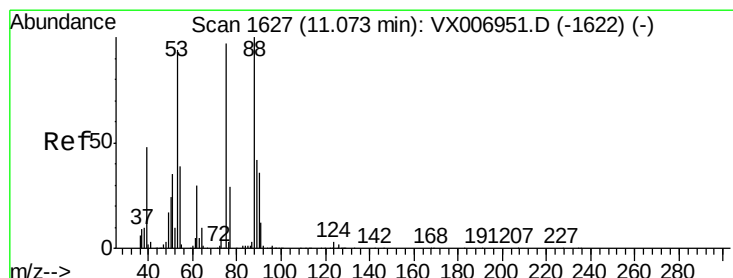
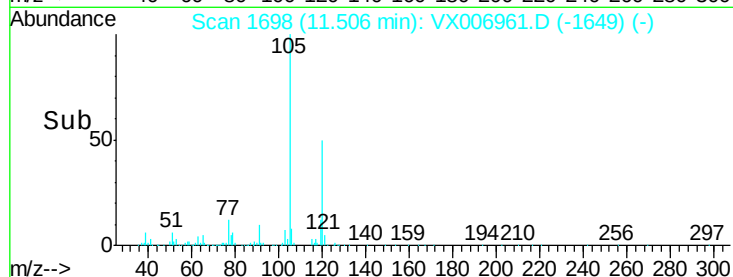
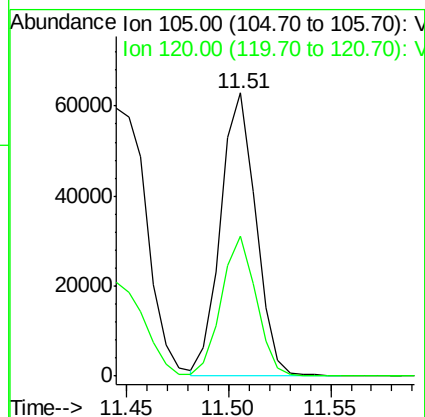
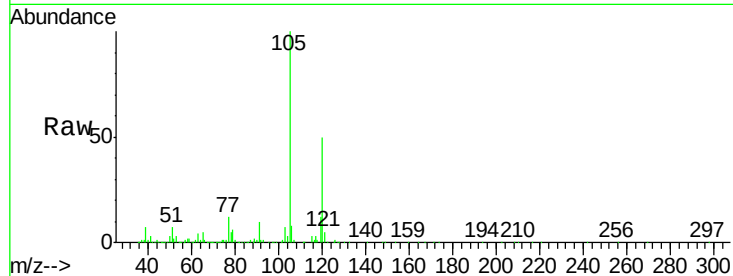
SP-1-1

Tot Ion:105 Resp: 74811

Ion Ratio Lower Upper

105 100

120 49.4 25.1 75.3



#81

trans-1,4-Dichloro-2-butene

Concen: 62.348 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

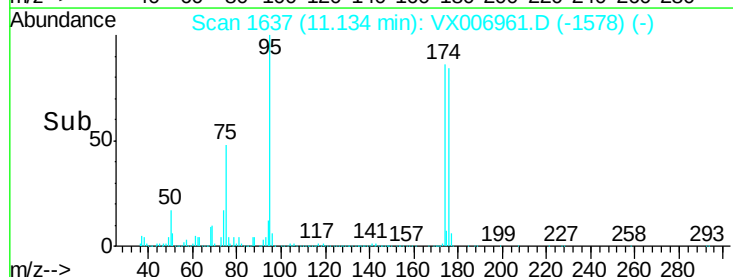
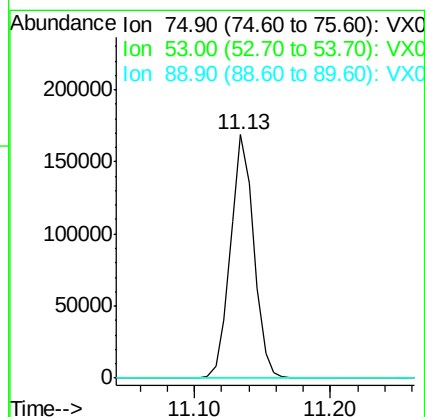
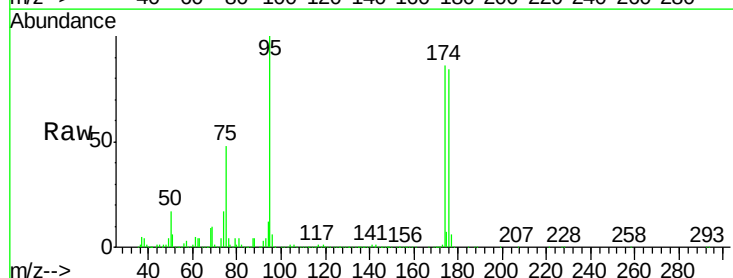
Tgt Ion: 75 Resp: 200471

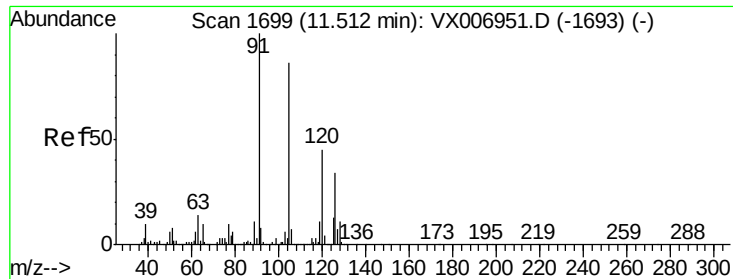
Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

89 0.0 38.0 57.0#

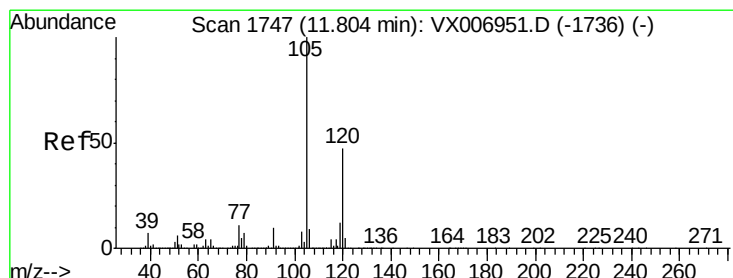
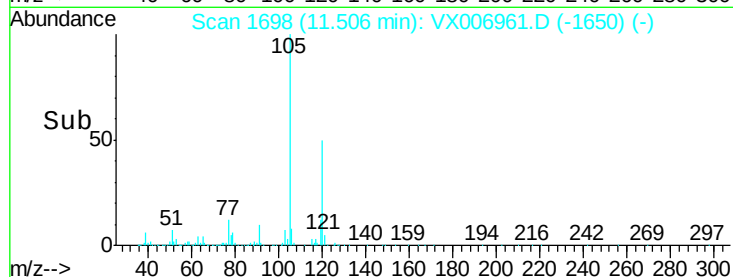
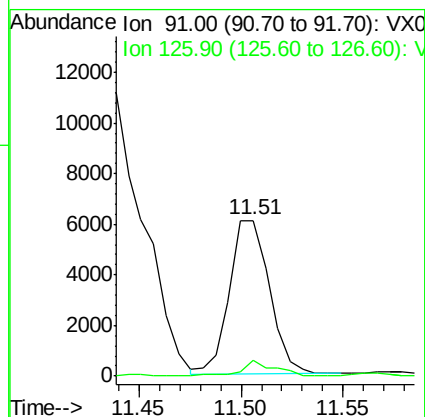
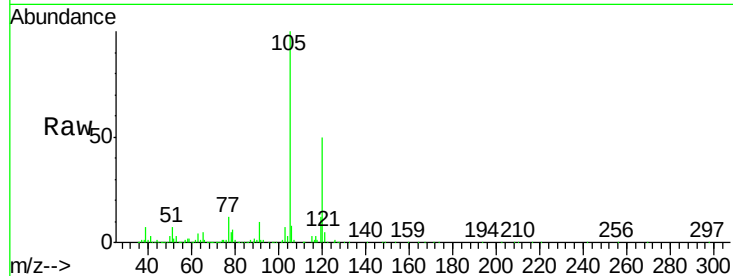




#82
4-Chlorotoluene
Concen: 0.325 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

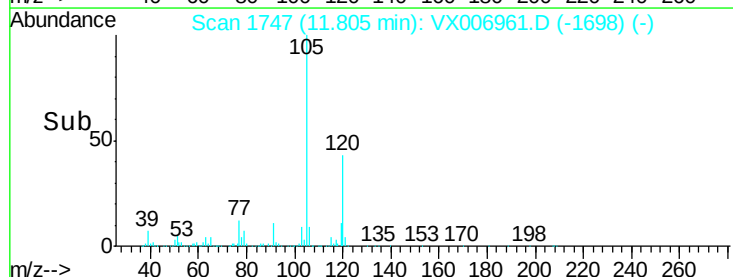
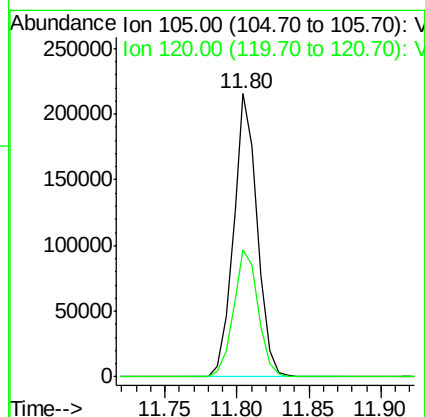
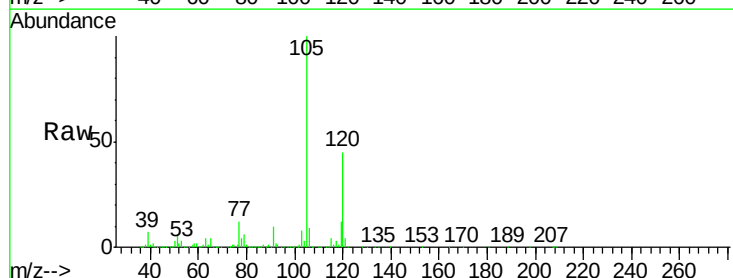
Instrument :
MSVOA_X
ClientSampled :
SP-1-1

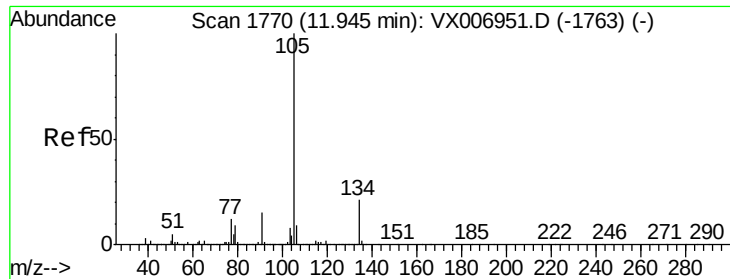
Tot Ion: 91 Resp: 8273
Ion Ratio Lower Upper
91 100
126 8.5 16.3 48.9#



#84
1,2,4-Trimethylbenzene
Concen: 8.864 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

Tgt Ion: 105 Resp: 247458
Ion Ratio Lower Upper
105 100
120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 7.480 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

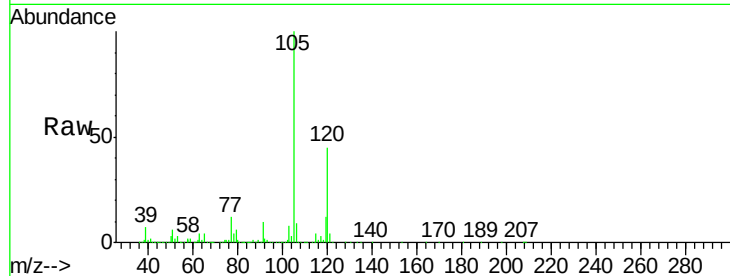
SP-1-1

Tot Ion:105 Resp: 247458

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

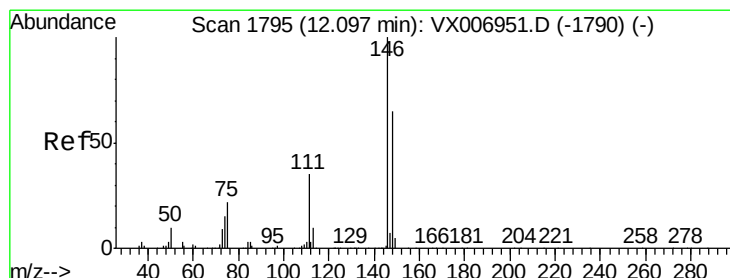
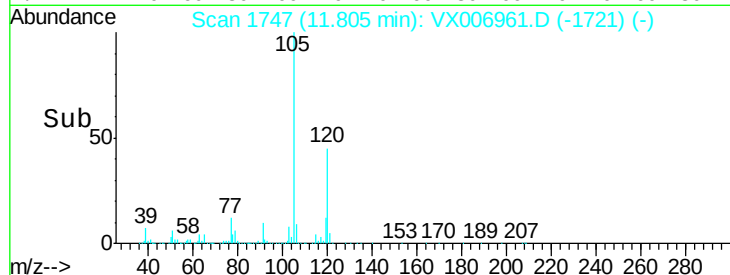
100000

50000

0

11.75 11.80 11.85 11.90

Time-->



#88

1,4-Dichlorobenzene

Concen: 0.234 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.07 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

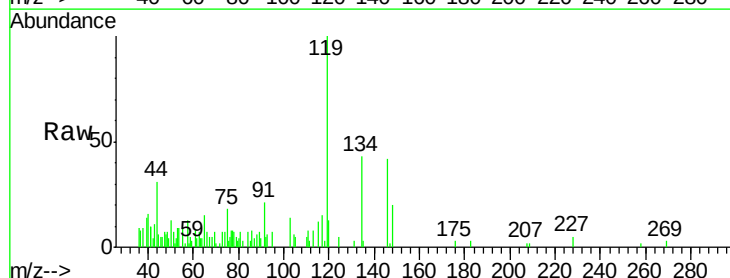
Tgt Ion:146 Resp: 1403

Ion Ratio Lower Upper

146 100

111 37.2 18.1 54.1

148 49.0 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

6000

5000

4000

3000

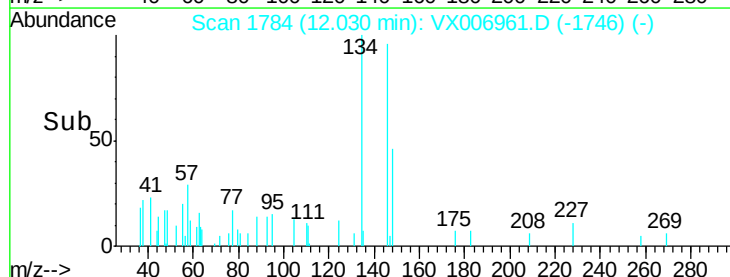
2000

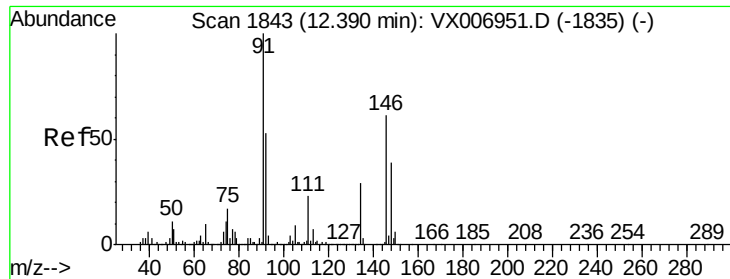
1000

0

12.00 12.05

Time-->

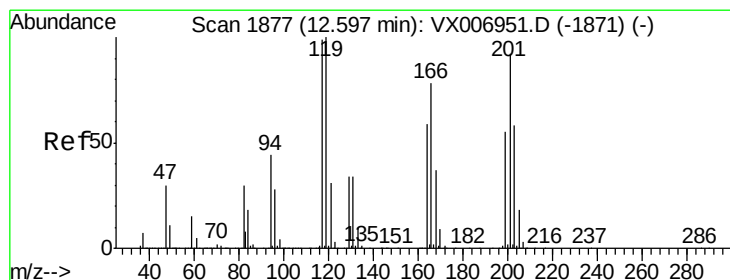
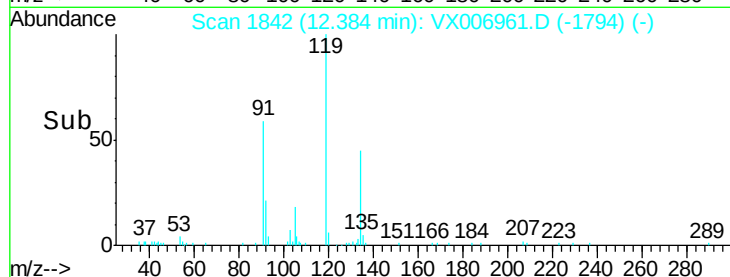
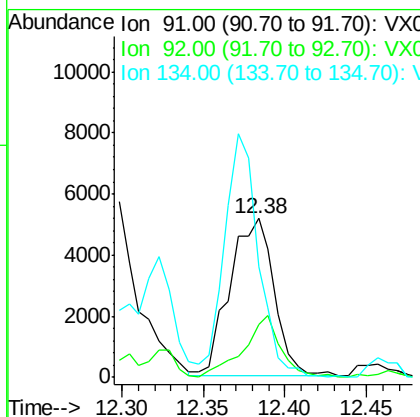
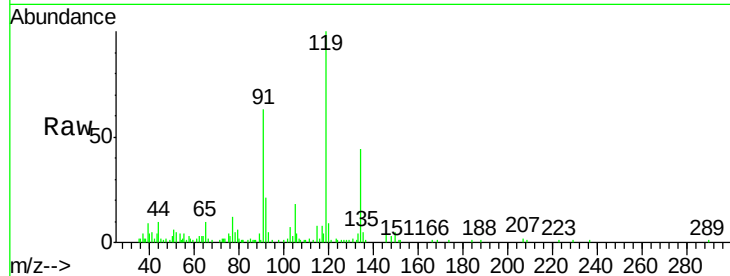




#89
n-Butylbenzene
Concen: 0.386 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

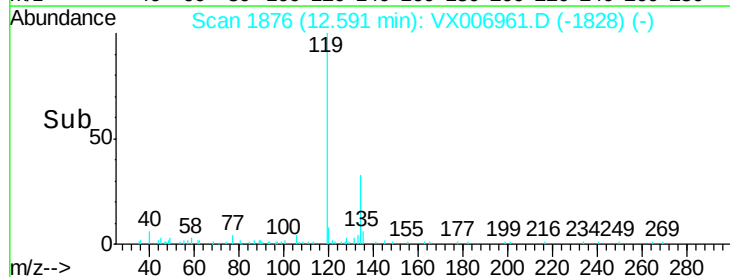
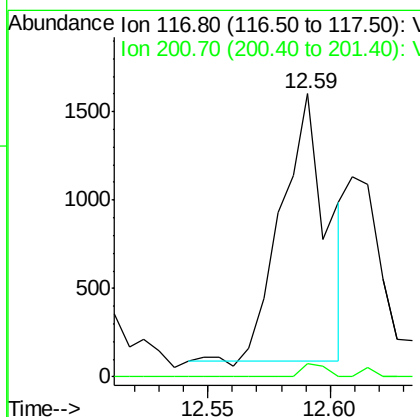
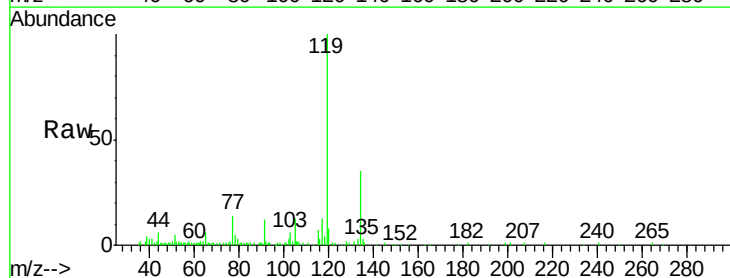
Instrument :
MSVOA_X
ClientSampled :
SP-1-1

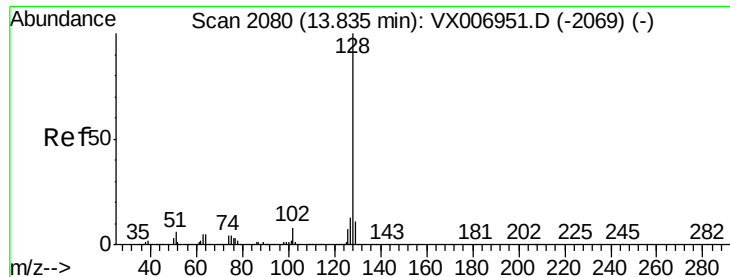
Tot Ion: 91 Resp: 9739
Ion Ratio Lower Upper
91 100
92 32.8 26.8 80.4
134 118.9 14.4 43.2#



#90
Hexachloroethane
Concen: 3.304 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

Tgt Ion: 117 Resp: 1987
Ion Ratio Lower Upper
117 100
201 2.5 42.9 128.7#





#95

Naphthalene

Concen: 2.661 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

SP-1-1

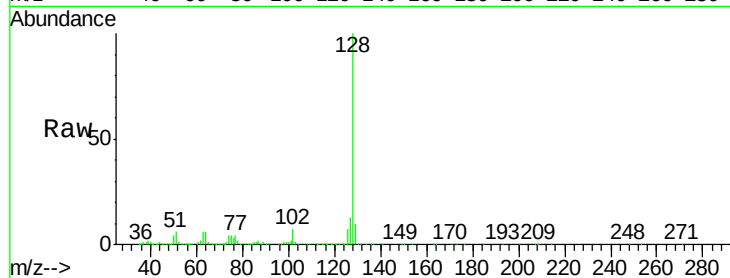
Tot Ion:128 Resp: 90343

Ion Ratio Lower Upper

128 100

127 13.7 10.1 15.1

129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

