

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
 Data File : VX011678.D
 Acq On : 20 Aug 2019 12:41
 Operator : JC/SP
 Sample : K4391-04
 Misc : 5.06g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BOTTOM-1

Quant Time: Aug 31 00:49:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	357538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	536012	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	488189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	256443	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	188814	56.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.90%	
35) Dibromofluoromethane	5.49	113	149140	42.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.08%	
50) Toluene-d8	8.71	98	624700	57.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.38%	
62) 4-Bromofluorobenzene	11.13	95	237284	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds					Qvalue
5) Bromomethane	1.63	94	1317	0.891	ug/l 86
6) Chloroethane	1.67	64	420	0.269	ug/l # 1
10) Methyl Iodide	2.47	142	2865	0.638	ug/l # 85
13) Acrolein	2.26	56	810	15.262	ug/l # 40
20) Methylene Chloride	2.84	84	2307	0.659	ug/l # 88
25) 2-Butanone	4.65	43	686	0.262	ug/l # 87
36) 1,1-Dichloropropene	5.65	75	22348	4.876	ug/l # 51
38) Carbon Tetrachloride	5.65	117	32708	6.478	ug/l # 15
39) Methylcyclohexane	7.45	83	111634	19.725	ug/l 99
43) Isopropyl Acetate	6.45	43	2429	0.295	ug/l # 89
48) Methyl methacrylate	7.72	41	3784	0.929	ug/l # 53
49) 1,4-Dioxane	7.74	88	175	1.615	ug/l # 63
51) 4-Methyl-2-Pentanone	8.66	43	11091	2.060	ug/l # 49
55) 1,1,2-Trichloroethane	9.16	97	41717	10.812	ug/l # 19
56) Ethyl methacrylate	9.16	69	9267	1.653	ug/l # 5
59) 2-Hexanone	9.44	43	69469	16.731	ug/l # 28
68) m/p-Xylenes	10.35	106	7085	1.062	ug/l 93
71) Bromoform	10.90	173	85	3.313	ug/l # 28
73) Isopropylbenzene	11.02	105	11739	0.705	ug/l 89
74) N-amyl acetate	10.91	43	8649	1.223	ug/l # 1
75) 1,1,2,2-Tetrachloroethane	11.27	83	6366	1.112	ug/l # 27
76) 1,2,3-Trichloropropane	11.13	75	110731	22.771	ug/l # 36
78) n-propylbenzene	11.36	91	21175	1.180	ug/l 97
79) 2-Chlorotoluene	11.43	91	3141	0.285	ug/l # 58
80) 1,3,5-Trimethylbenzene	11.51	105	46903	3.355	ug/l 95
81) trans-1,4-Dichloro-2-buten	11.13	75	110731	60.637	ug/l # 13
82) 4-Chlorotoluene	11.51	91	6858	0.537	ug/l # 70
83) tert-Butylbenzene	11.77	119	3814	0.268	ug/l 87
84) 1,2,4-Trimethylbenzene	11.80	105	81466	5.805	ug/l 98
85) sec-Butylbenzene	11.94	105	11329	0.705	ug/l 97
86) p-Isopropyltoluene	12.23	119	3549	0.235	ug/l 83
89) n-Butylbenzene	12.37	91	8775	0.706	ug/l # 15
90) Hexachloroethane	12.58	117	1021	0.428	ug/l # 15
92) 1,2-Dibromo-3-Chloropropan	13.01	75	267	0.204	ug/l # 14

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QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

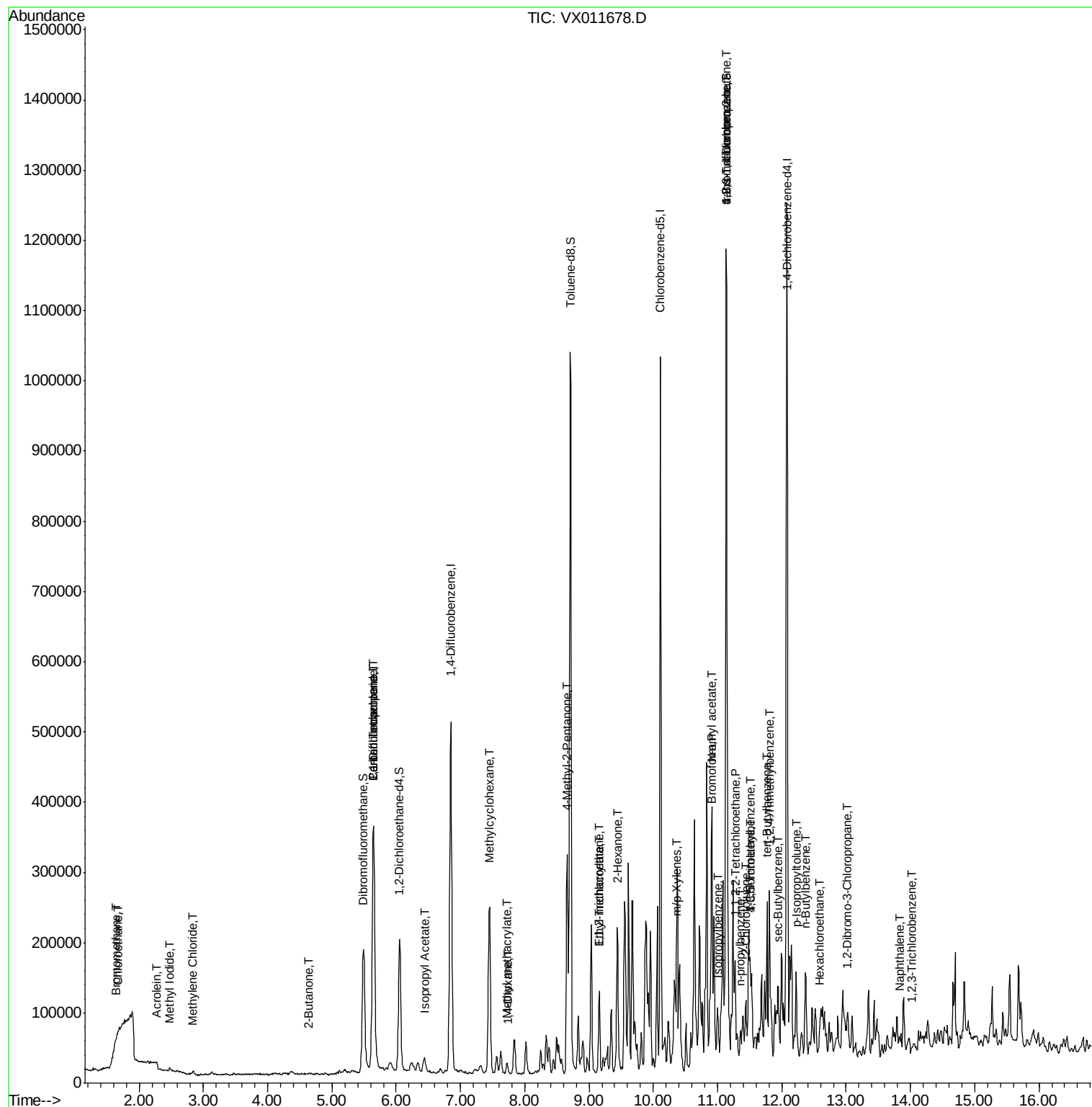
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	14291	0.794	ug/l #	91
96) 1,2,3-Trichlorobenzene	14.02	180	1313	0.205	ug/l #	18

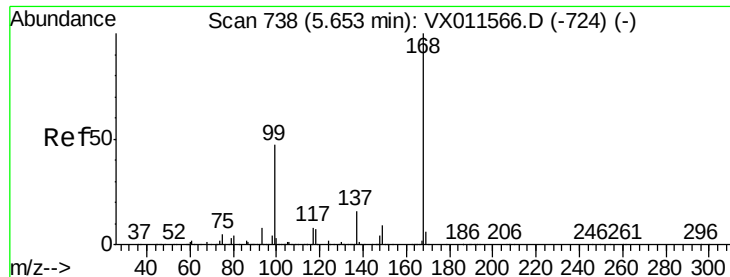
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

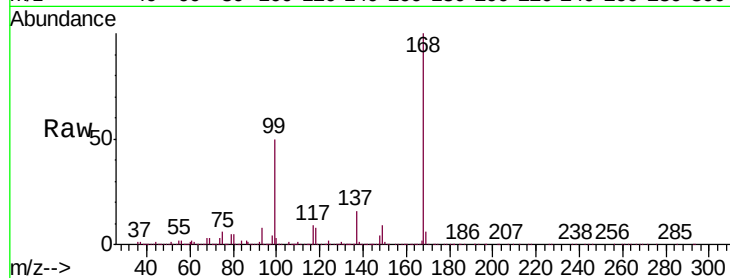
BOTTOM-1

Tgt Ion:168 Resp: 357538

Ion Ratio Lower Upper

168 100

99 50.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

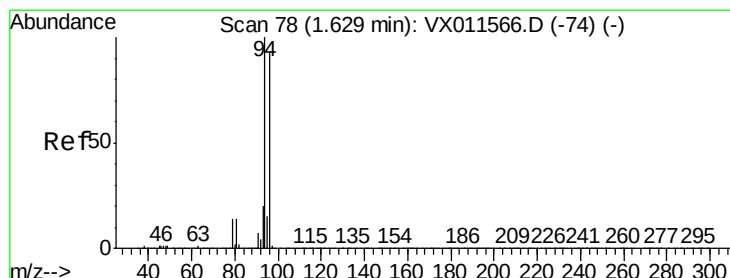
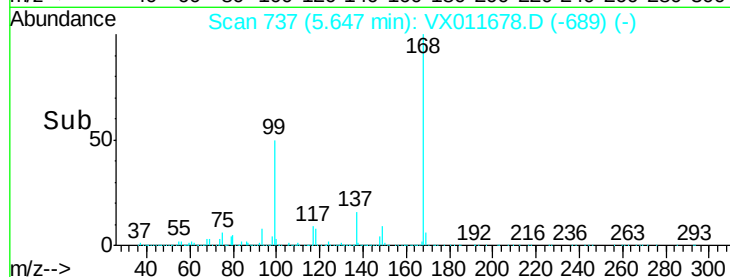
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.891 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011678.D

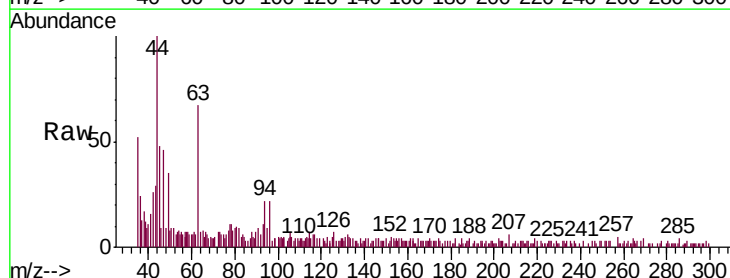
Acq: 20 Aug 2019 12:41

Tgt Ion: 94 Resp: 1317

Ion Ratio Lower Upper

94 100

96 80.3 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

800

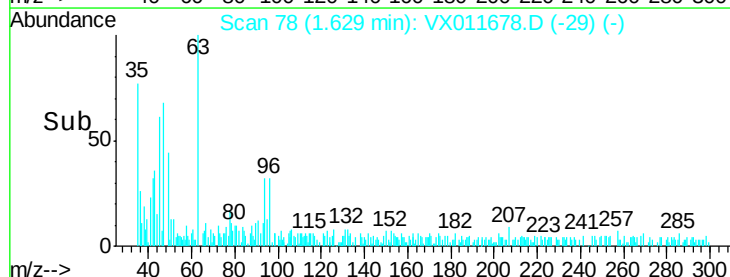
600

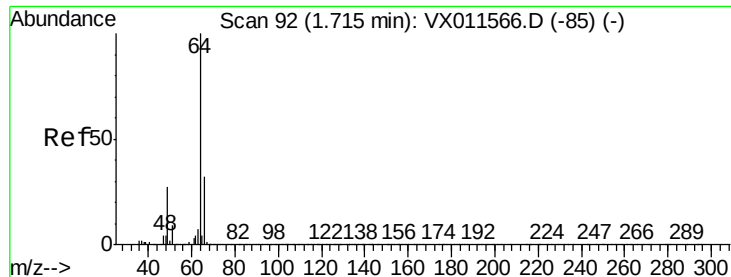
400

200

0

Time-->





#6

Chloroethane

Concen: 0.269 ug/l

RT: 1.67 min Scan# 85

Delta R.T. -0.04 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

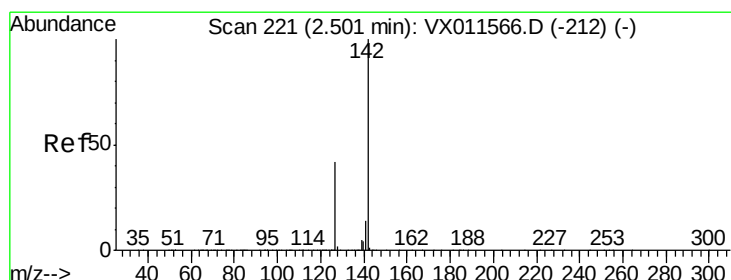
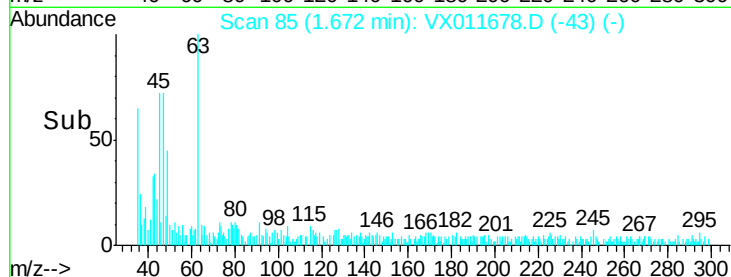
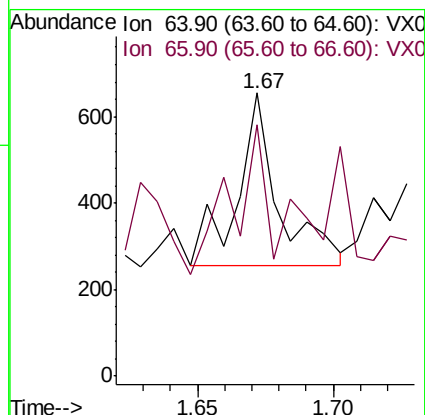
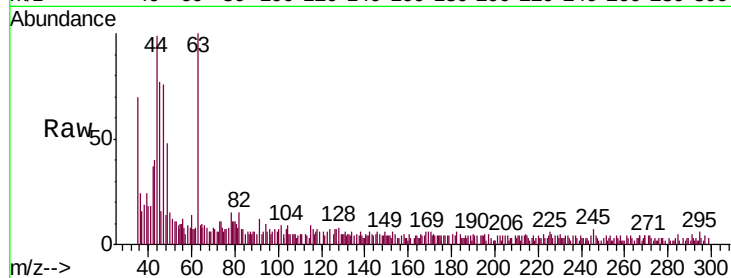
BOTTOM-1

Tgt Ion: 64 Resp: 420

Ion Ratio Lower Upper

64 100

66 87.2 25.3 37.9#



#10

Methyl Iodide

Concen: 0.638 ug/l

RT: 2.47 min Scan# 216

Delta R.T. -0.03 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

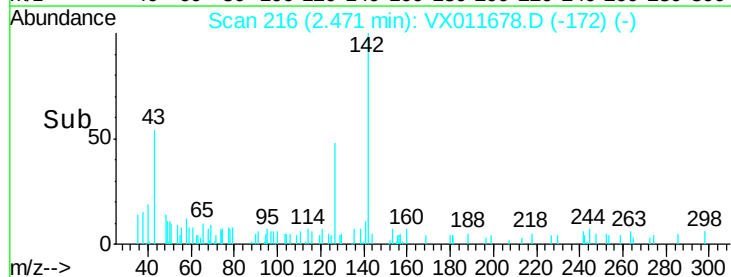
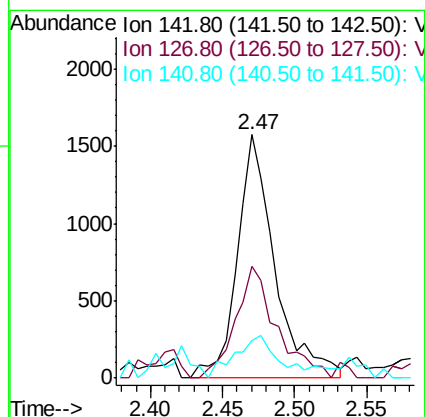
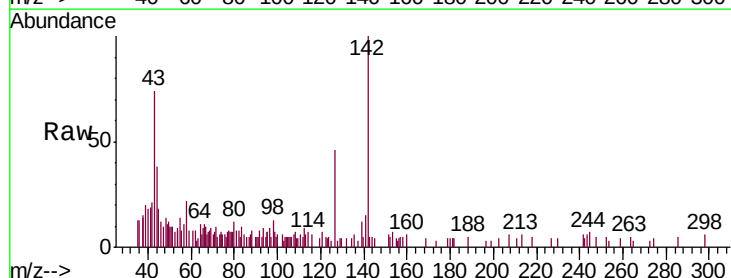
Tgt Ion: 142 Resp: 2865

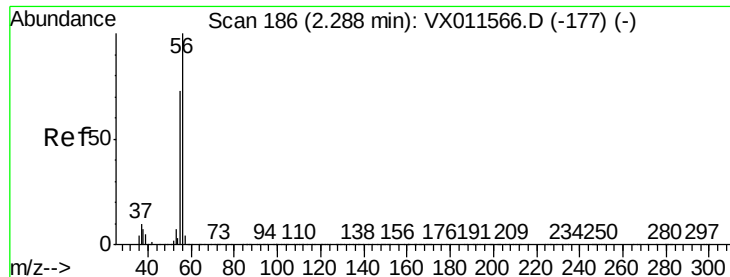
Ion Ratio Lower Upper

142 100

127 49.9 32.8 49.2#

141 21.7 11.4 17.2#





#13

Acrolein

Concen: 15.262 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.02 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

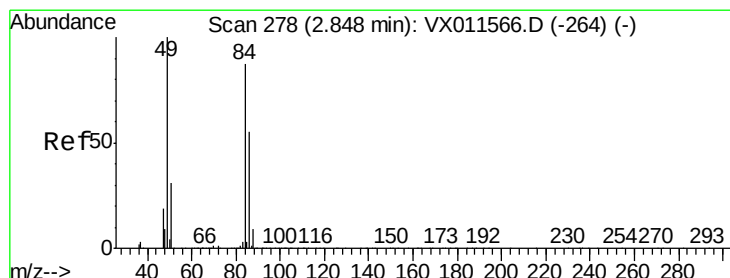
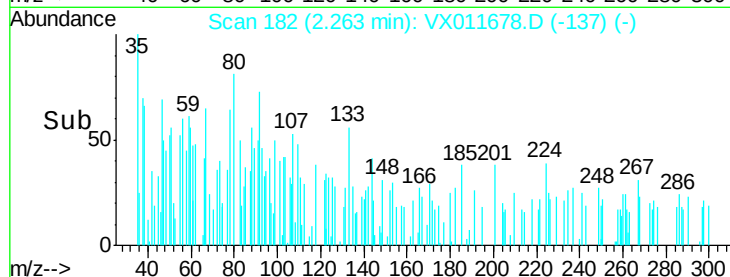
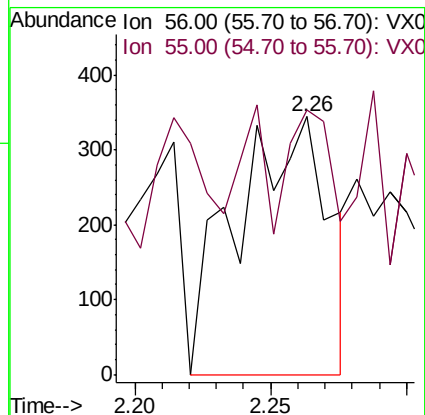
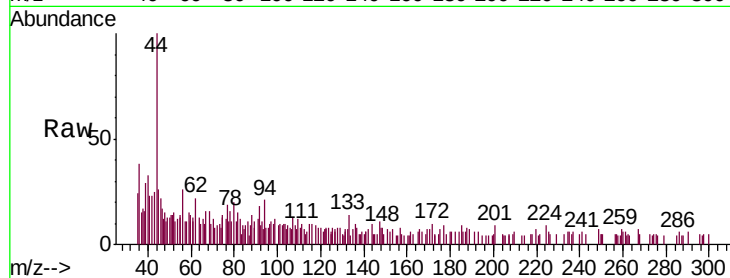
BOTTOM-1

Tgt Ion: 56 Resp: 810

Ion Ratio Lower Upper

56 100

55 20.4 55.5 83.3#



#20

Methylene Chloride

Concen: 0.659 ug/l

RT: 2.84 min Scan# 276

Delta R.T. -0.01 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Tgt Ion: 84 Resp: 2307

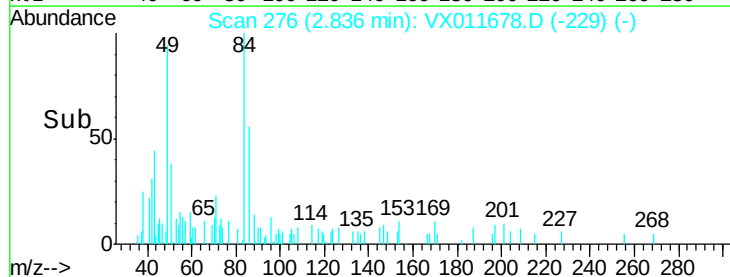
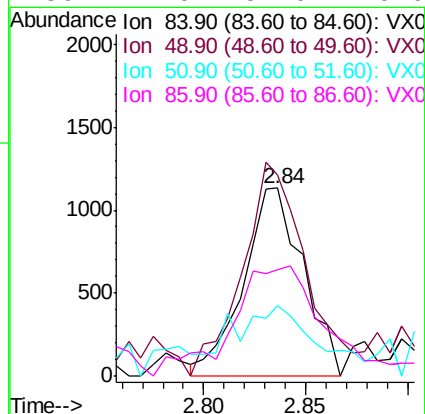
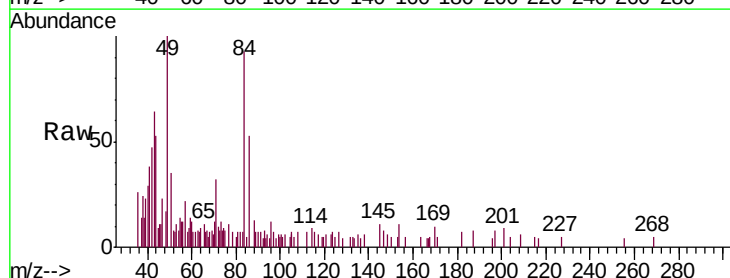
Ion Ratio Lower Upper

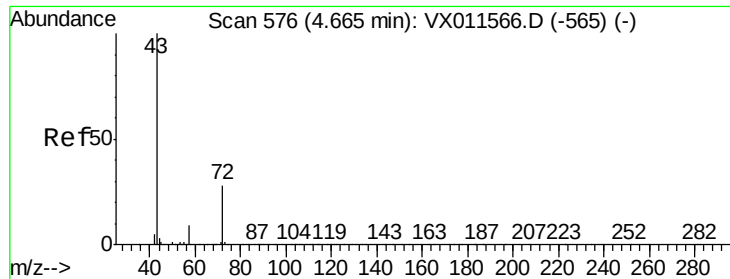
84 100

49 107.2 92.4 138.6

51 35.0 28.5 42.7

86 44.0 51.0 76.6#





#25

2-Butanone

Concen: 0.262 ug/l

RT: 4.65 min Scan# 573

Delta R.T. -0.02 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

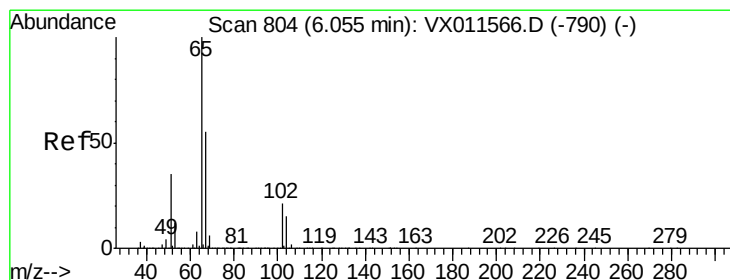
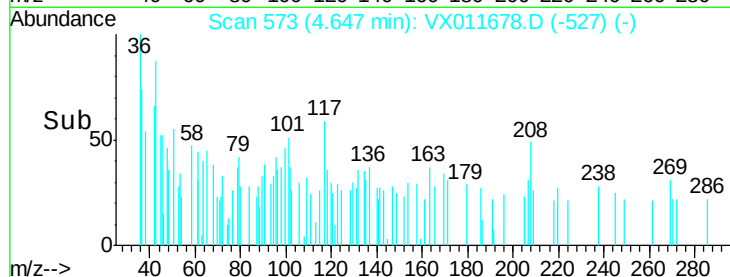
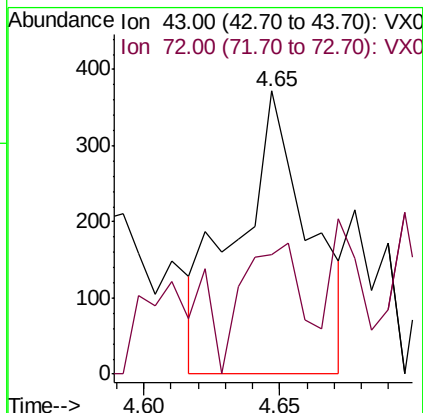
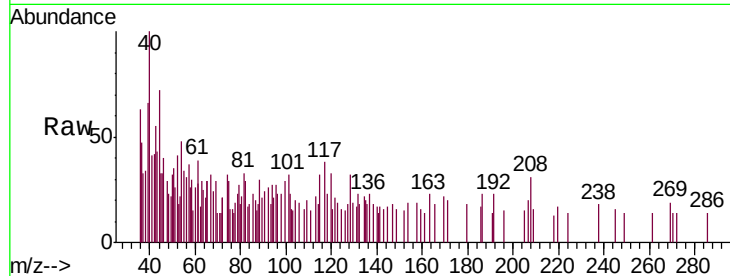
BOTTOM-1

Tgt Ion: 43 Resp: 686

Ion Ratio Lower Upper

43 100

72 34.6 22.2 33.4#



#33

1,2-Dichloroethane-d4

Concen: 56.946 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011678.D

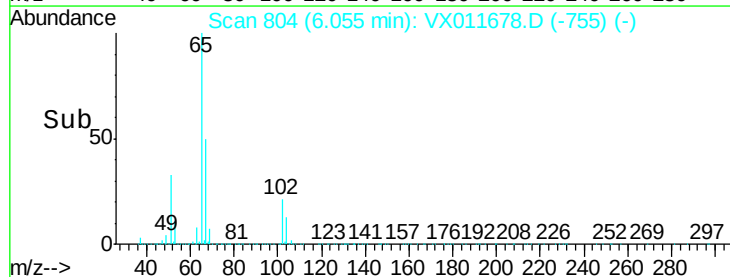
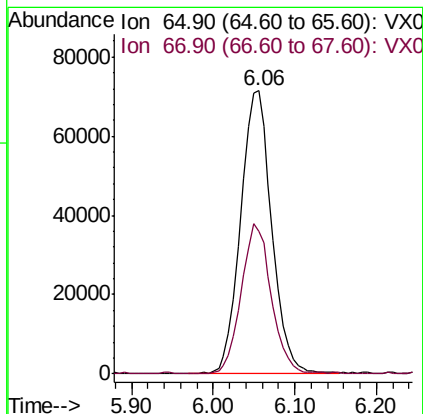
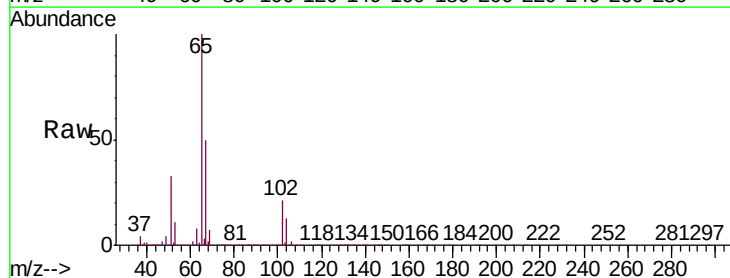
Acq: 20 Aug 2019 12:41

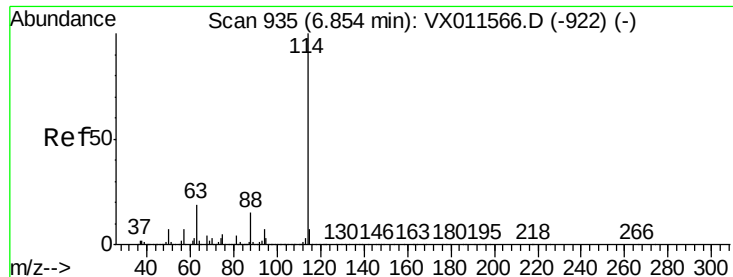
Tgt Ion: 65 Resp: 188814

Ion Ratio Lower Upper

65 100

67 51.2 0.0 107.6

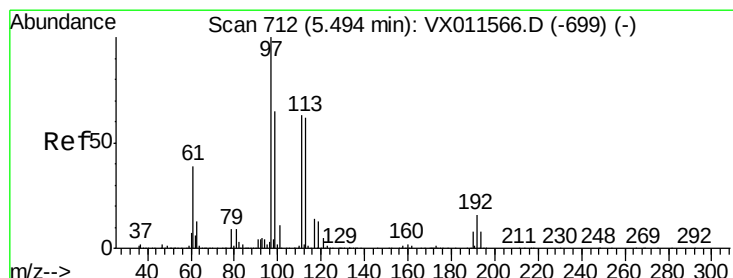
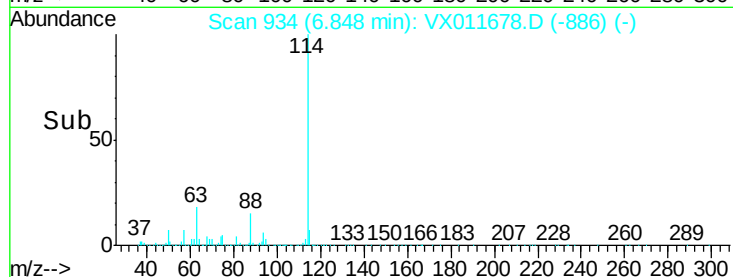
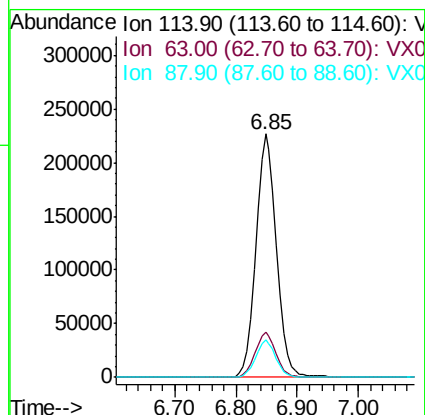
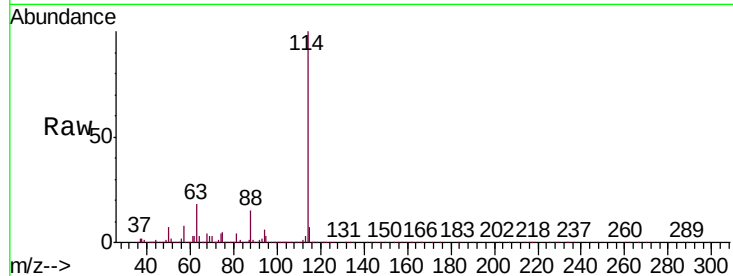




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 934
Delta R.T. -0.01 min
Lab File: VX011678.D
Acq: 20 Aug 2019 12:41

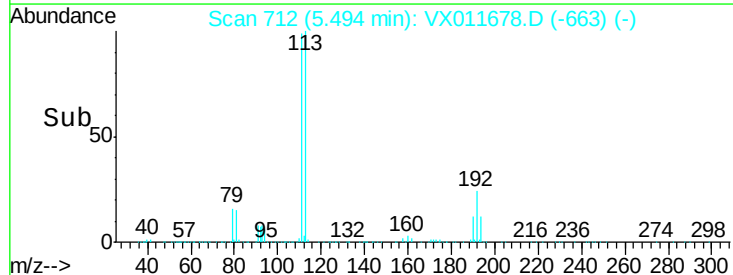
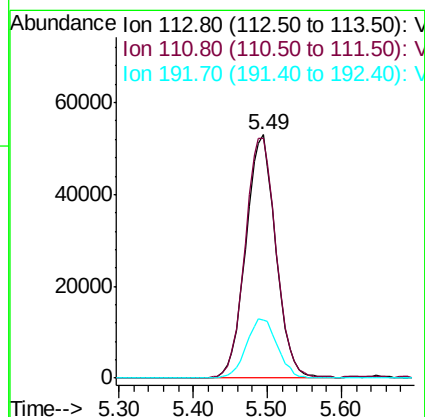
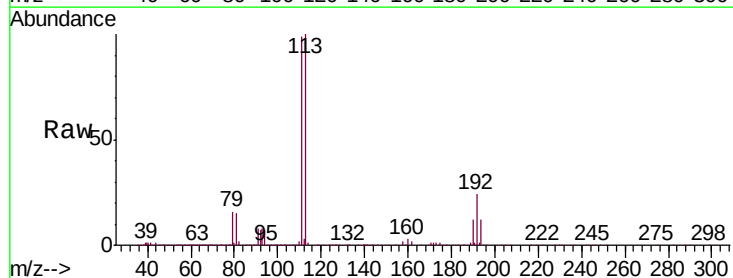
Instrument :
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ClientSampleId :
BOTTOM-1

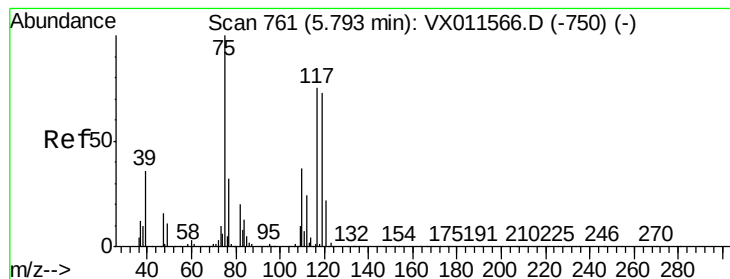
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	37.8
88	15.4	0.0	30.2



#35
Dibromofluoromethane
Concen: 42.540 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011678.D
Acq: 20 Aug 2019 12:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	25.4	20.8	31.2





#36

1,1-Dichloropropene

Concen: 4.876 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.15 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

BOTTOM-1

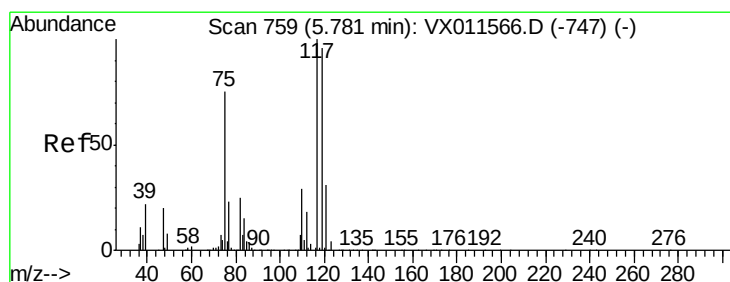
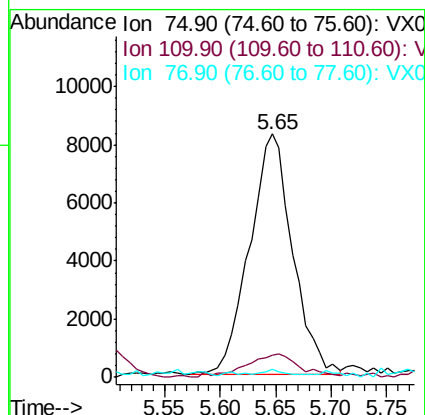
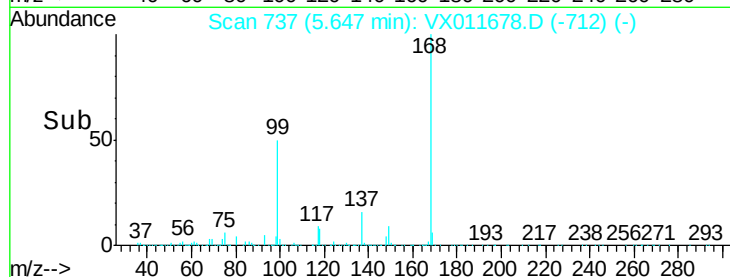
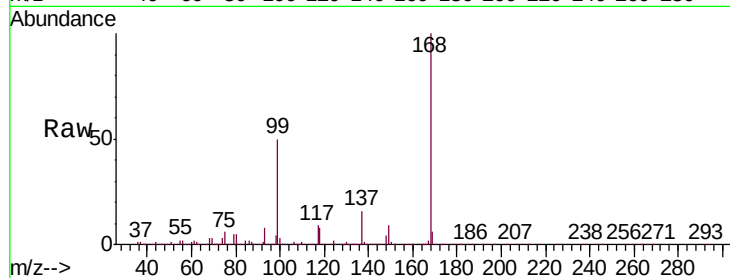
Tgt Ion: 75 Resp: 22348

Ion Ratio Lower Upper

75 100

110 12.2 19.4 58.1#

77 1.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.478 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.13 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

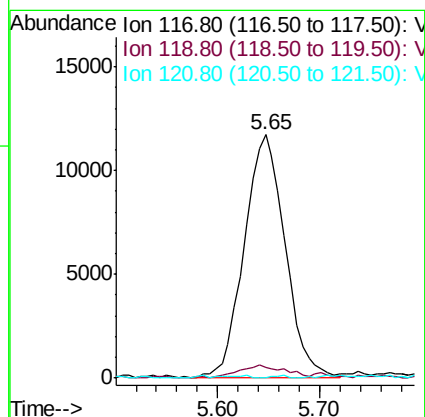
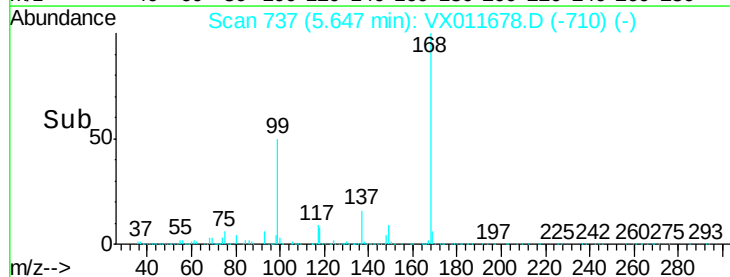
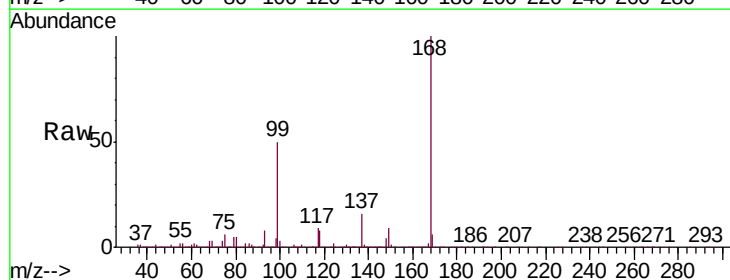
Tgt Ion: 117 Resp: 32708

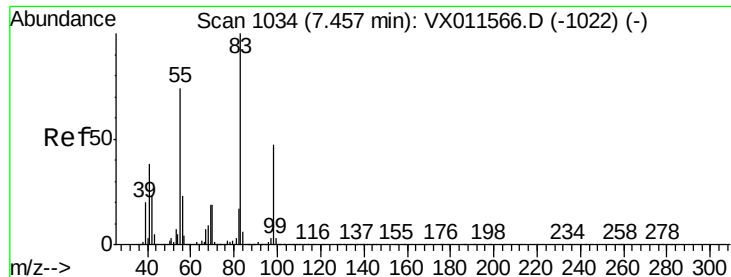
Ion Ratio Lower Upper

117 100

119 4.5 76.9 115.3#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 19.725 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-1

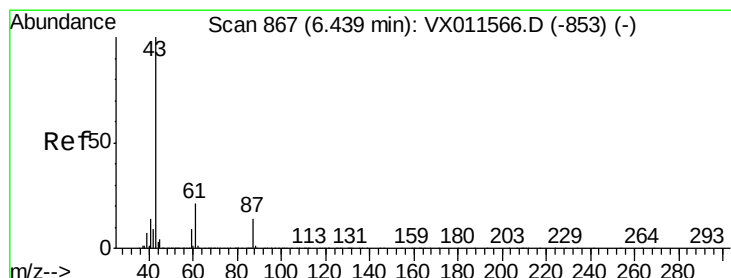
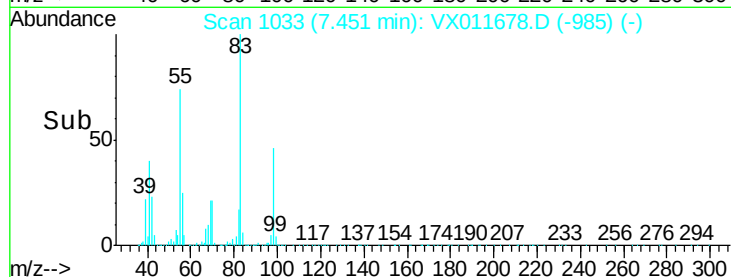
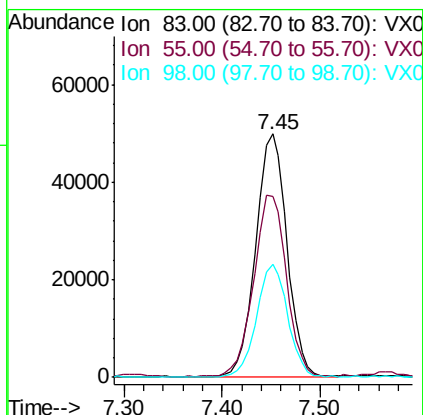
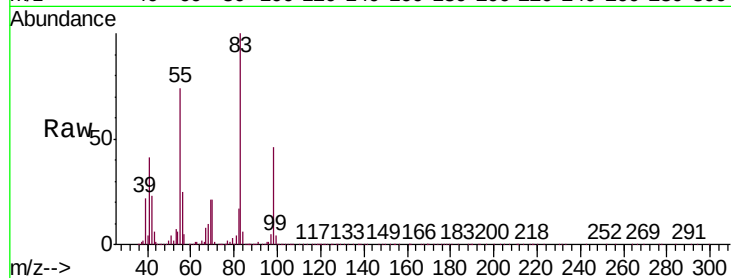
Tgt Ion: 83 Resp: 111634

Ion Ratio Lower Upper

83 100

55 73.9 58.8 88.2

98 46.1 37.8 56.6



#43

Isopropyl Acetate

Concen: 0.295 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

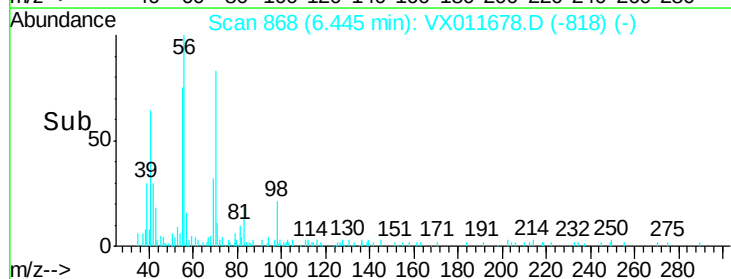
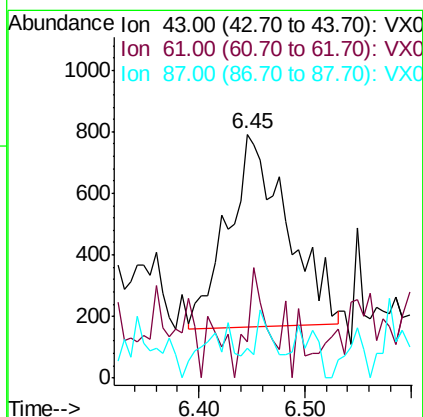
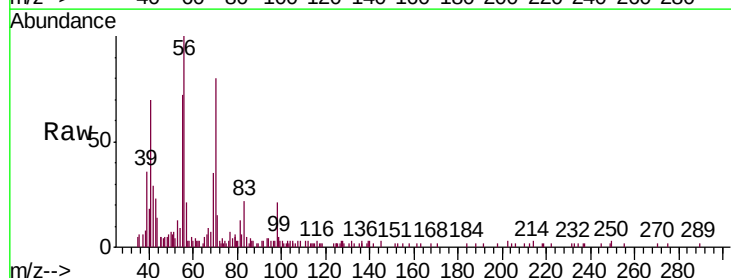
Tgt Ion: 43 Resp: 2429

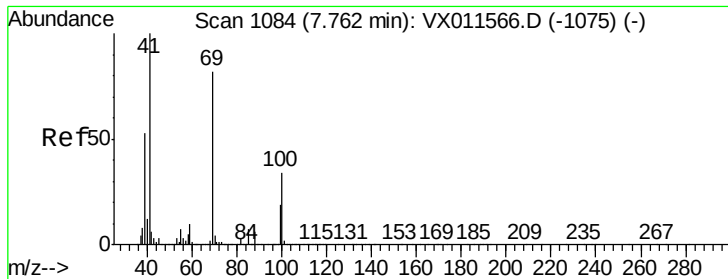
Ion Ratio Lower Upper

43 100

61 18.7 16.6 24.8

87 5.4 11.4 17.2#

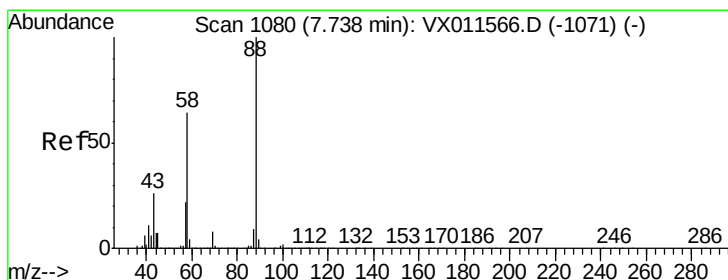
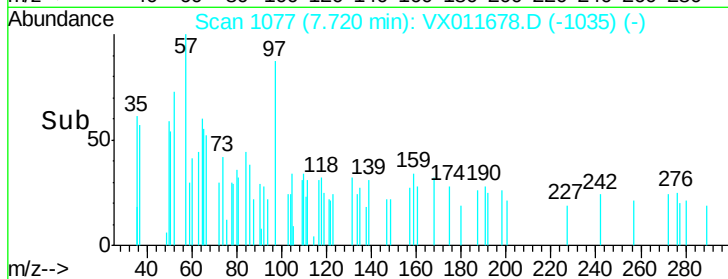
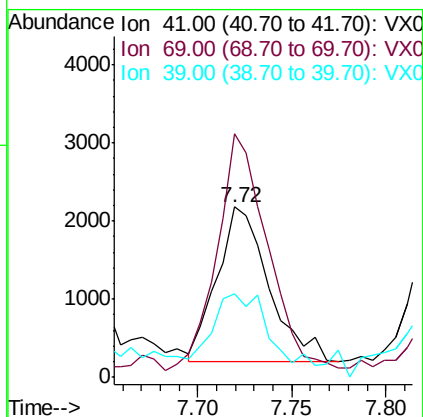
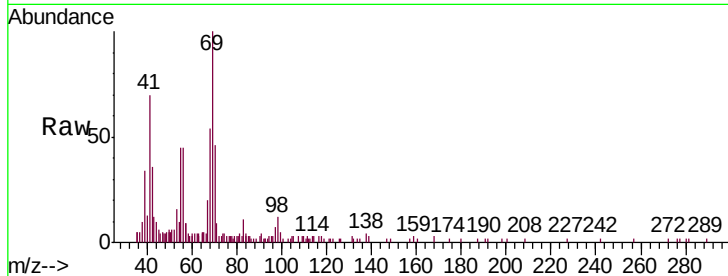




#48
Methyl methacrylate
Concen: 0.929 ug/l
RT: 7.72 min Scan# 1077
Delta R.T. -0.04 min
Lab File: VX011678.D
Acq: 20 Aug 2019 12:41

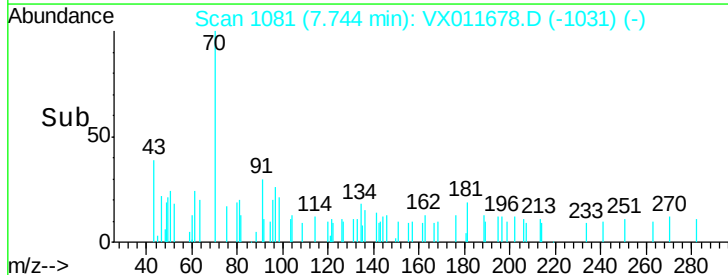
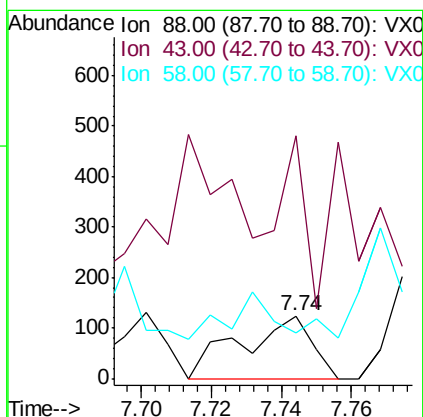
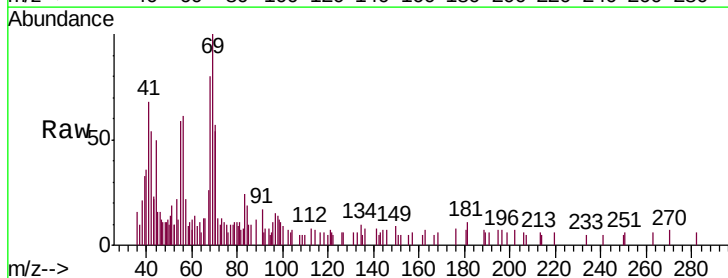
Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-1

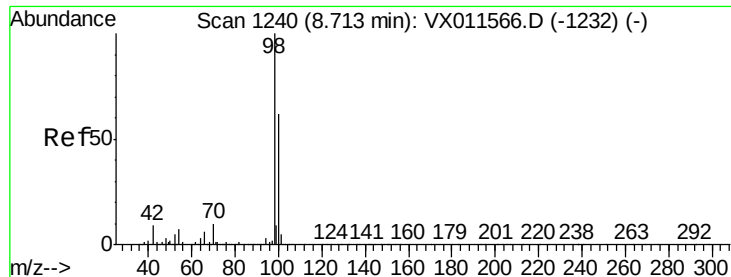
Tgt Ion: 41 Resp: 3784
Ion Ratio Lower Upper
41 100
69 147.5 67.9 101.9#
39 43.6 41.6 62.4



#49
1,4-Dioxane
Concen: 1.615 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX011678.D
Acq: 20 Aug 2019 12:41

Tgt Ion: 88 Resp: 175
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.0#
58 44.6 54.3 81.5#

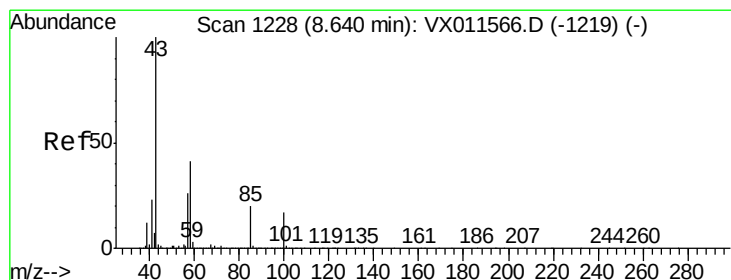
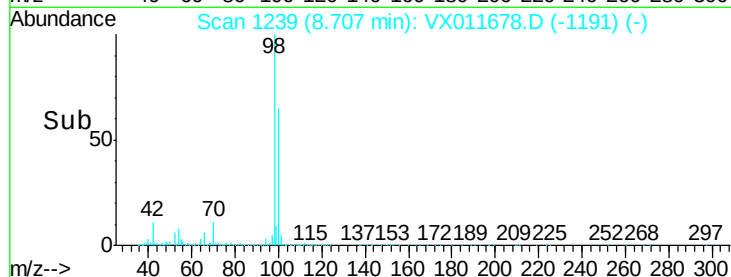
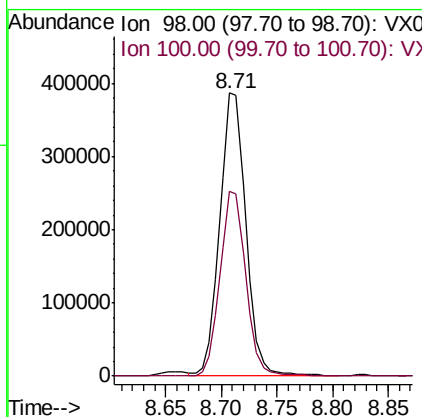
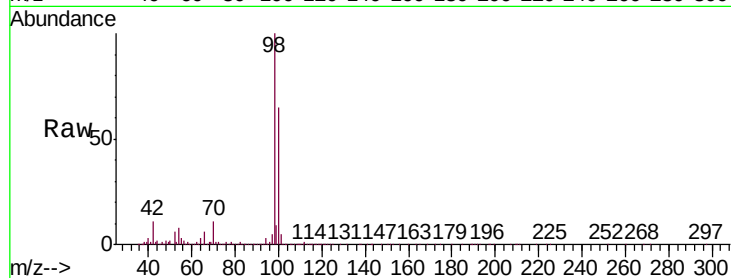




#50
Toluene-d8
Concen: 57.187 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011678.D
Acq: 20 Aug 2019 12:41

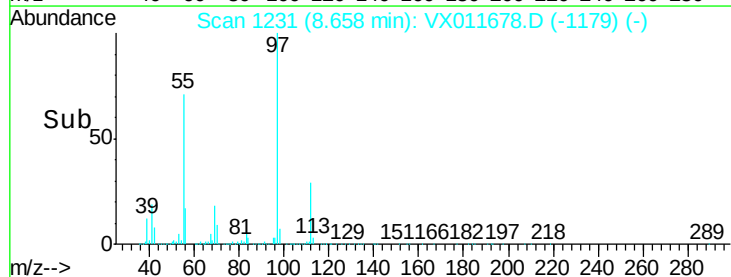
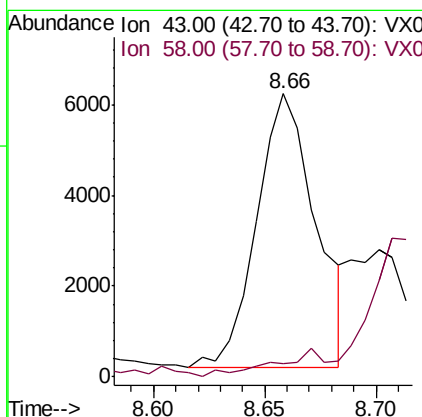
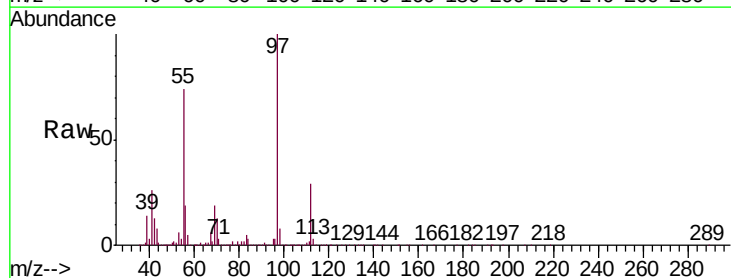
Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-1

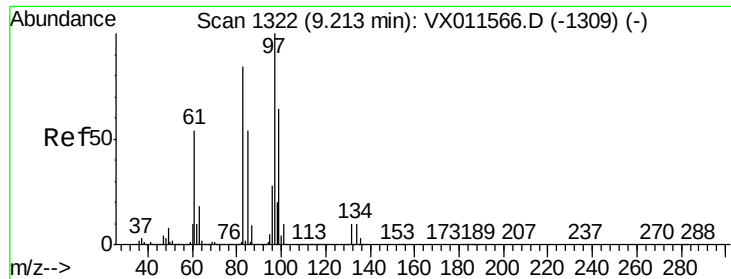
Tgt Ion: 98 Resp: 624700
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 2.060 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.02 min
Lab File: VX011678.D
Acq: 20 Aug 2019 12:41

Tgt Ion: 43 Resp: 11091
Ion Ratio Lower Upper
43 100
58 8.4 31.8 47.6#

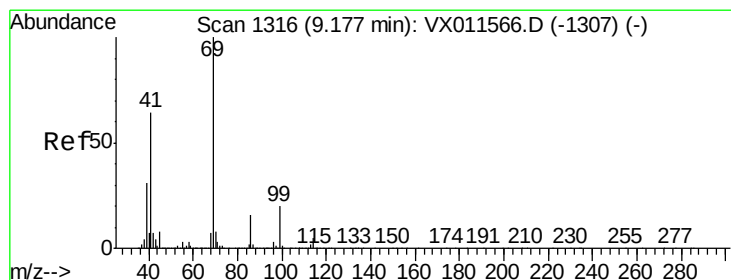
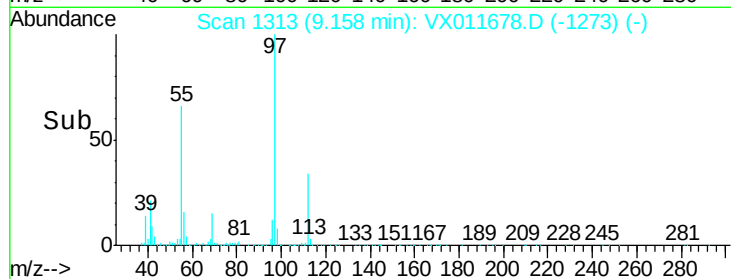
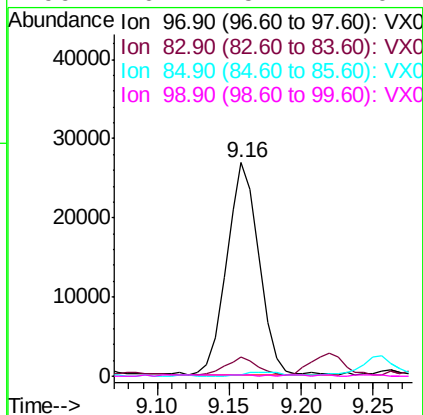
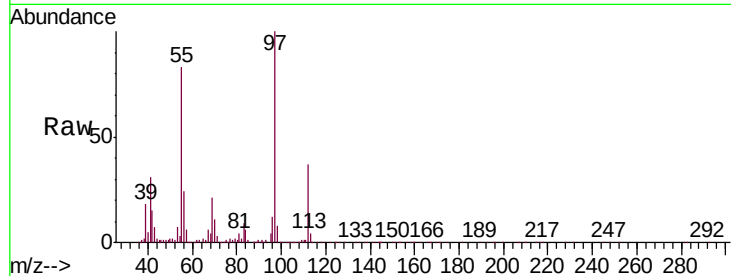




#55
 1,1,2-Trichloroethane
 Concen: 10.812 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.05 min
 Lab File: VX011678.D
 Acq: 20 Aug 2019 12:41

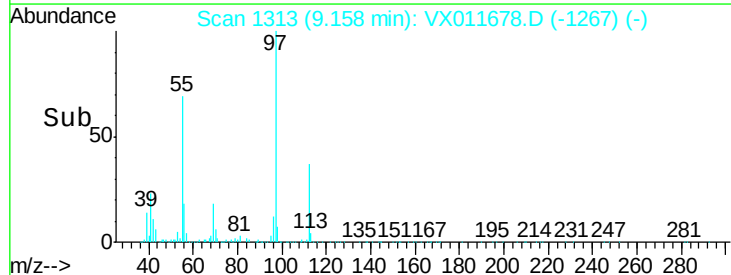
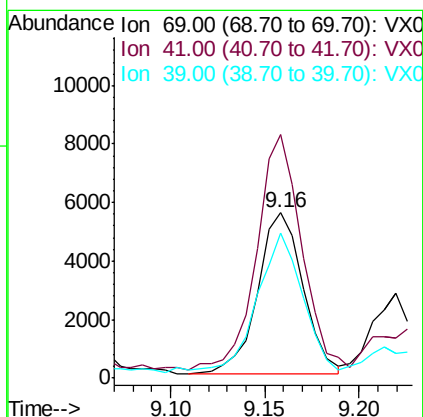
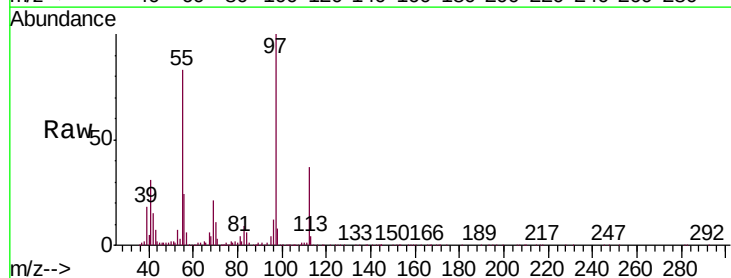
Instrument :
 MSVOA_X
 ClientSampleId :
 BOTTOM-1

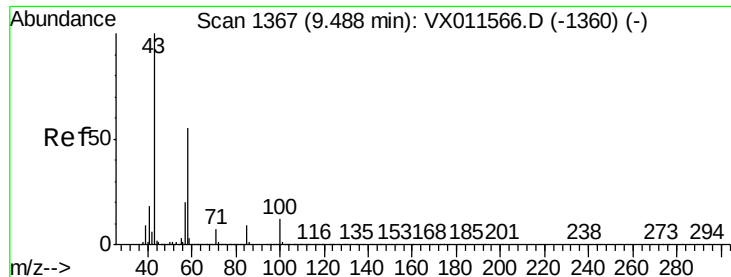
Tgt Ion:	97	Resp:	41717
Ion	Ratio	Lower	Upper
97	100		
83	8.1	67.4	101.0#
85	0.2	43.4	65.2#
99	0.4	51.1	76.7#



#56
 Ethyl methacrylate
 Concen: 1.653 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VX011678.D
 Acq: 20 Aug 2019 12:41

Tgt Ion:	69	Resp:	9267
Ion	Ratio	Lower	Upper
69	100		
41	138.2	52.1	78.1#
39	86.5	25.4	38.0#

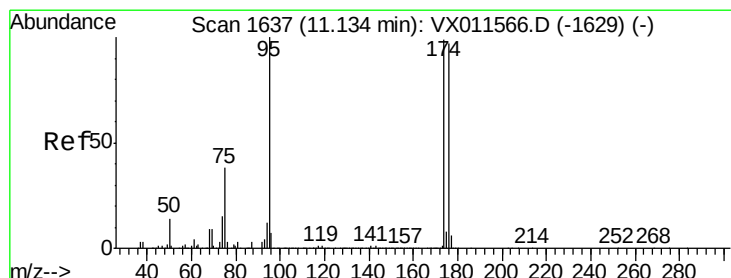
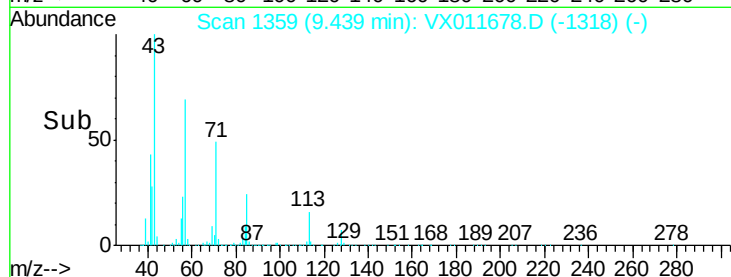
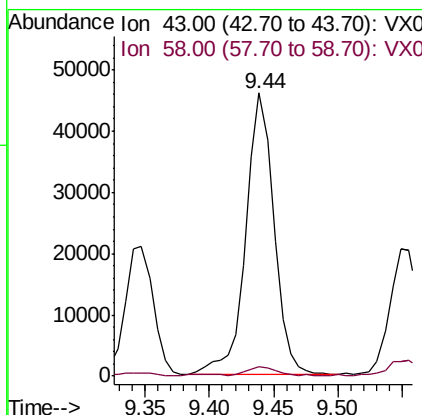
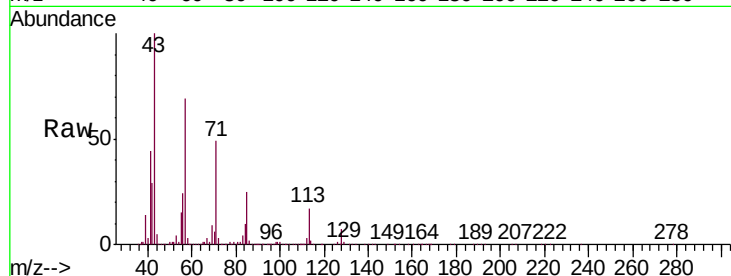




#59
2-Hexanone
Concen: 16.731 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX011678.D
Acq: 20 Aug 2019 12:41

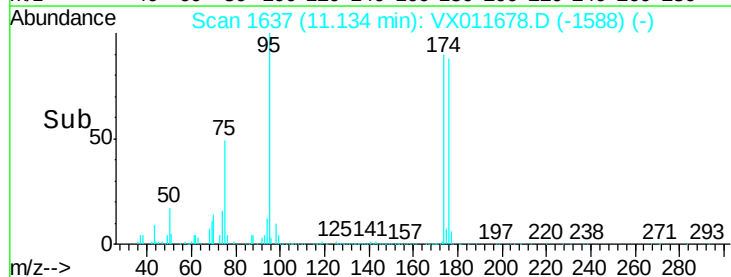
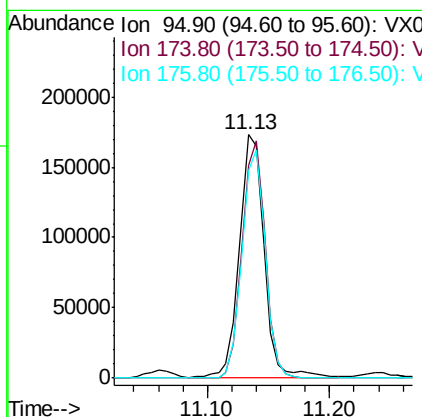
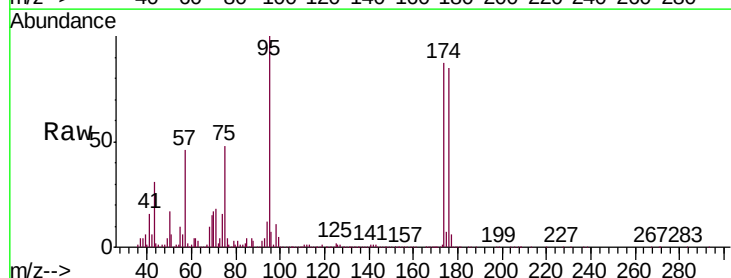
Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-1

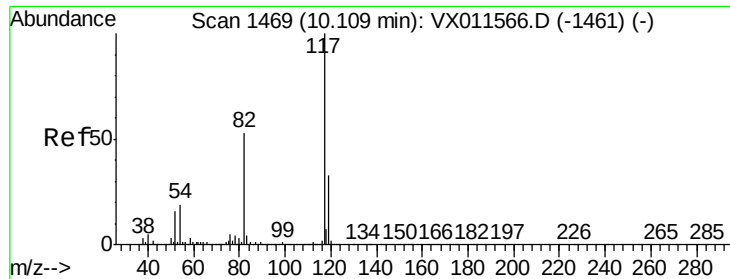
Tgt Ion: 43 Resp: 69469
Ion Ratio Lower Upper
43 100
58 3.1 27.5 82.4#



#62
4-Bromofluorobenzene
Concen: 51.463 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011678.D
Acq: 20 Aug 2019 12:41

Tgt Ion: 95 Resp: 237284
Ion Ratio Lower Upper
95 100
174 93.2 0.0 200.6
176 90.4 0.0 196.6

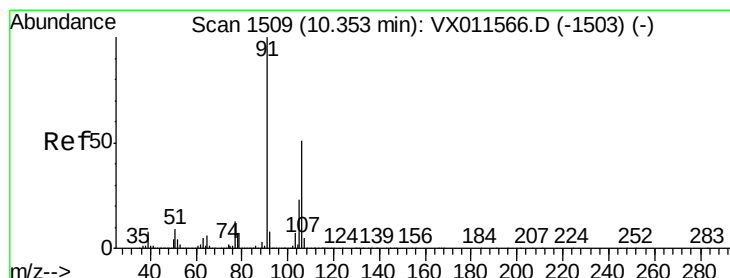
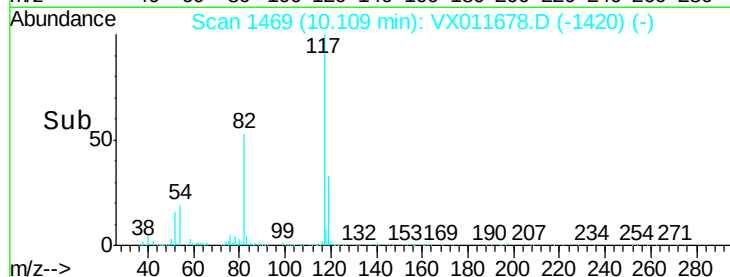
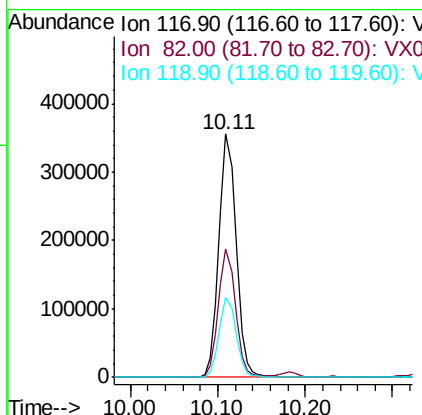
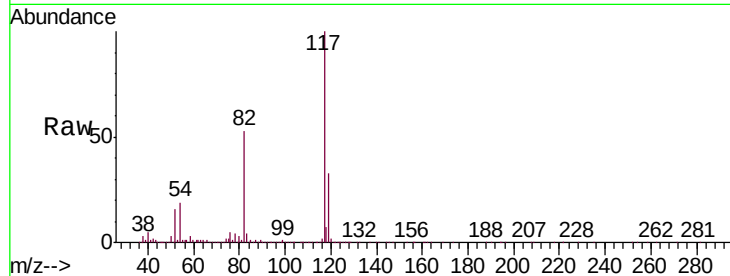




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011678.D
Acq: 20 Aug 2019 12:41

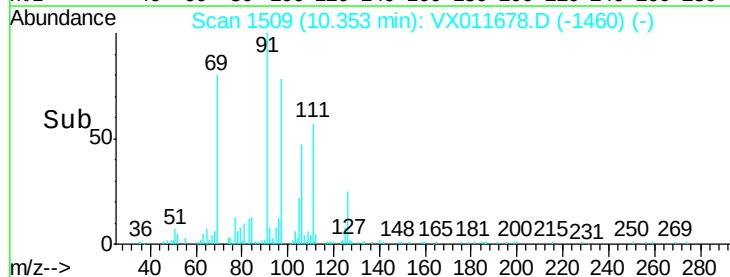
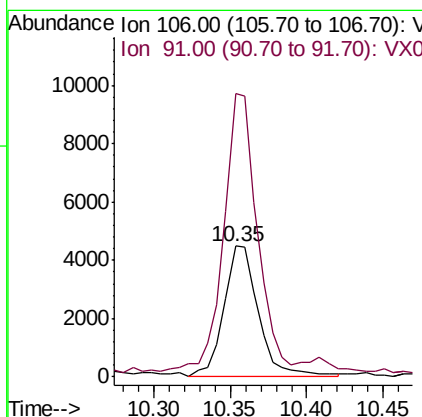
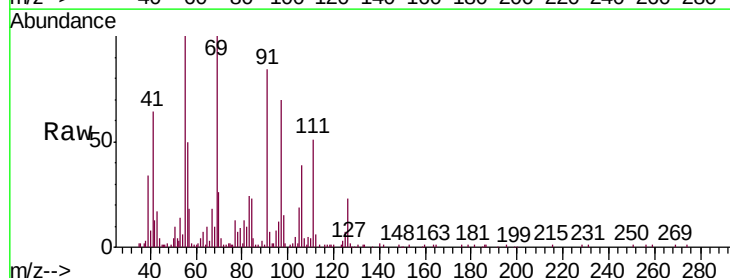
Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-1

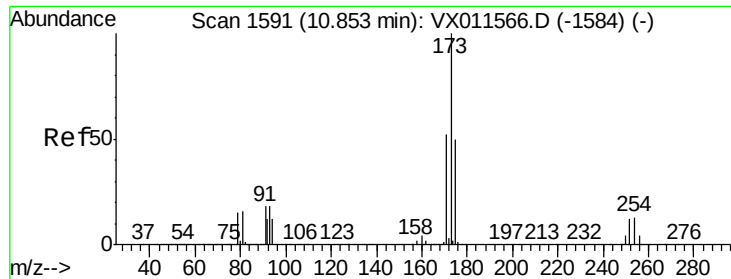
Tgt Ion:117 Resp: 488189
Ion Ratio Lower Upper
117 100
82 52.4 42.0 63.0
119 32.6 26.5 39.7



#68
m/p-Xylenes
Concen: 1.062 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011678.D
Acq: 20 Aug 2019 12:41

Tgt Ion:106 Resp: 7085
Ion Ratio Lower Upper
106 100
91 205.2 156.0 234.0

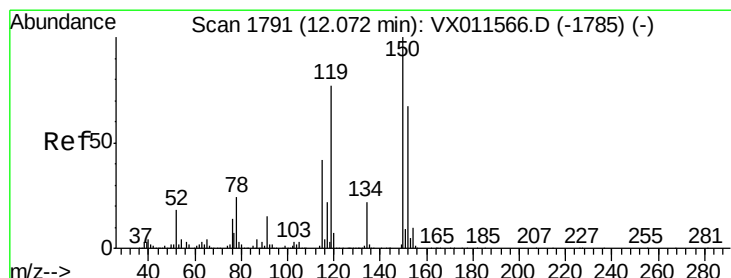
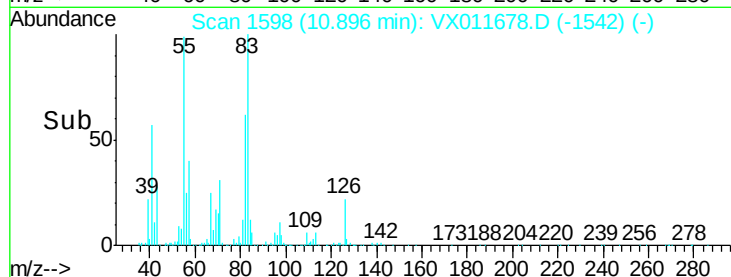
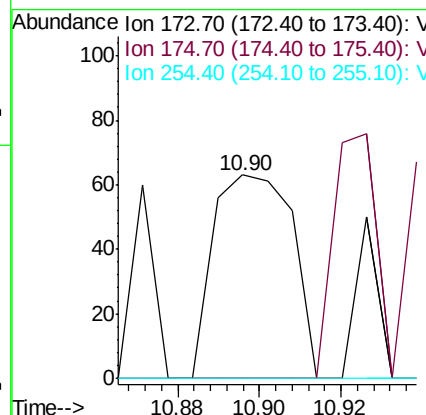
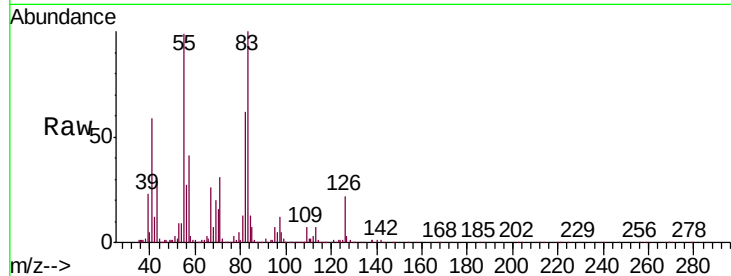




#71
Bromoform
Concen: 3.313 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.04 min
Lab File: VX011678.D
Acq: 20 Aug 2019 12:41

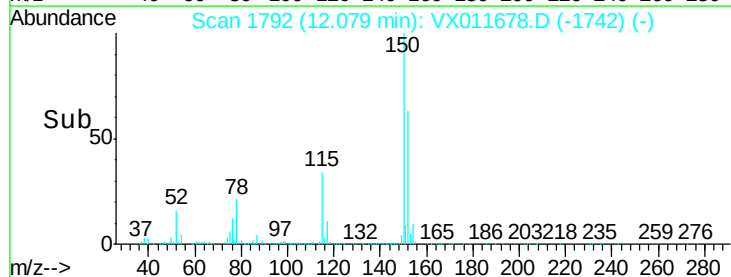
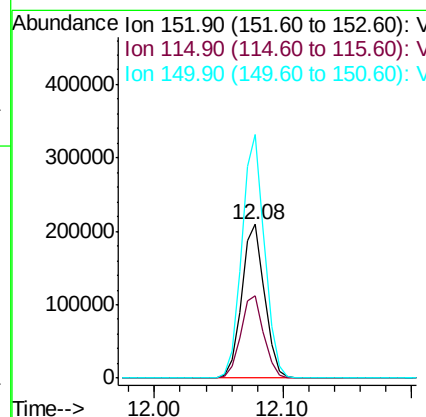
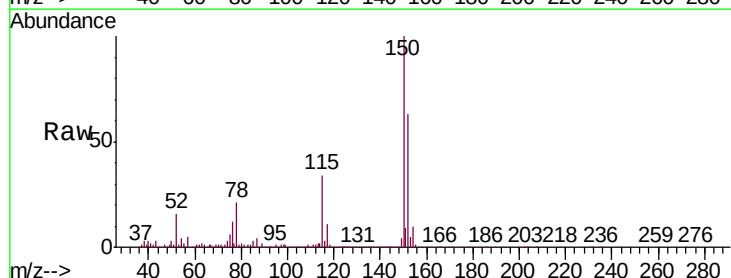
Instrument :
MSVOA_X
ClientSampleId :
BOTTOM-1

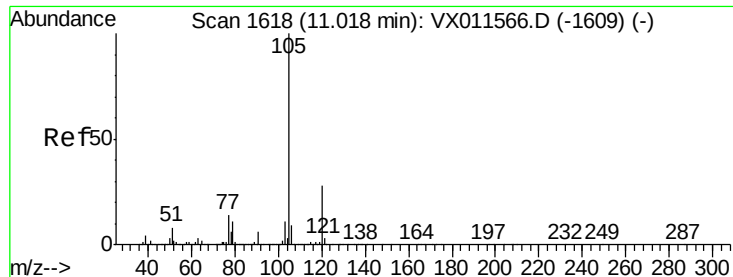
Tgt Ion:173 Resp: 85
Ion Ratio Lower Upper
173 100
175 0.0 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011678.D
Acq: 20 Aug 2019 12:41

Tgt Ion:152 Resp: 256443
Ion Ratio Lower Upper
152 100
115 54.1 37.3 111.9
150 157.6 0.0 346.2





#73

Isopropylbenzene

Concen: 0.705 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

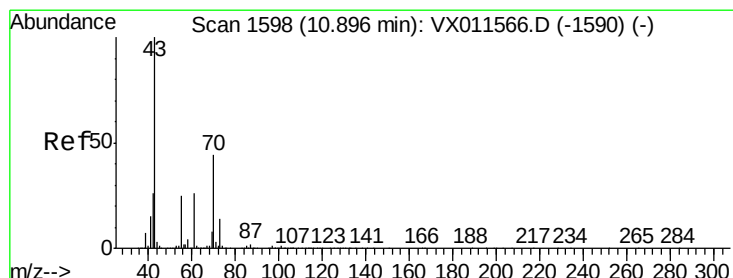
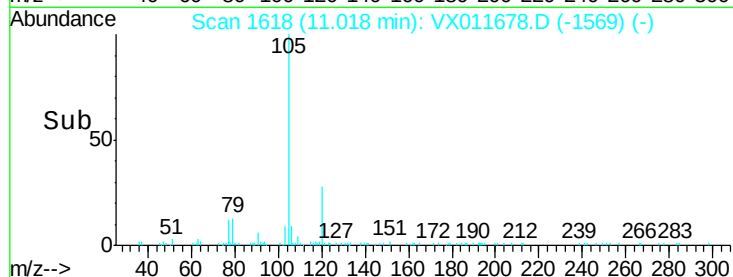
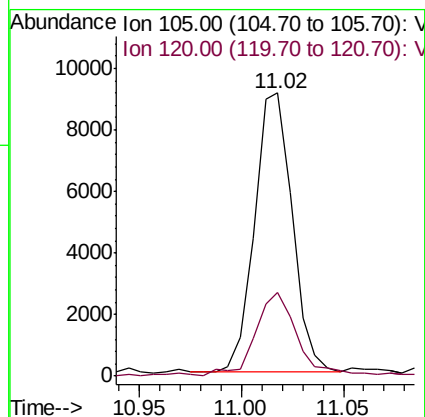
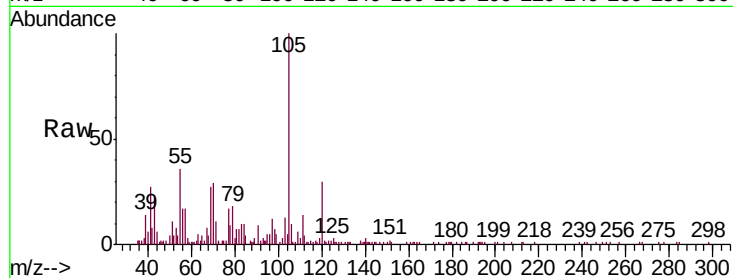
BOTTOM-1

Tgt Ion:105 Resp: 11739

Ion Ratio Lower Upper

105 100

120 33.9 14.0 41.9



#74

N-ethyl acetate

Concen: 1.223 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Tgt Ion: 43 Resp: 8649

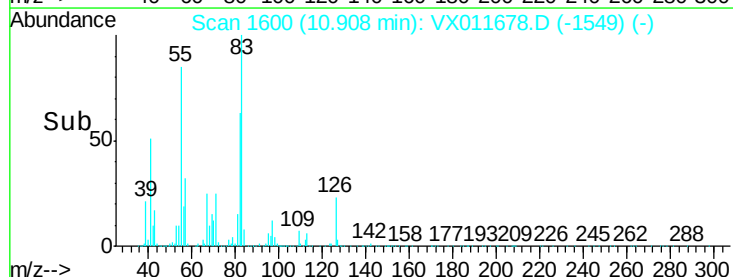
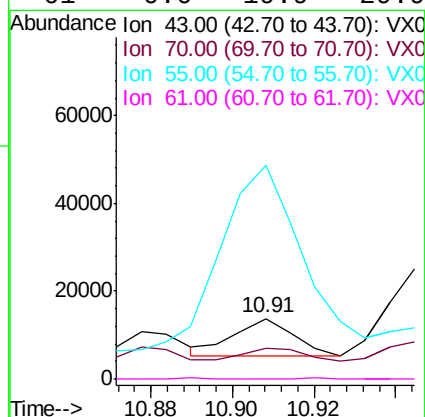
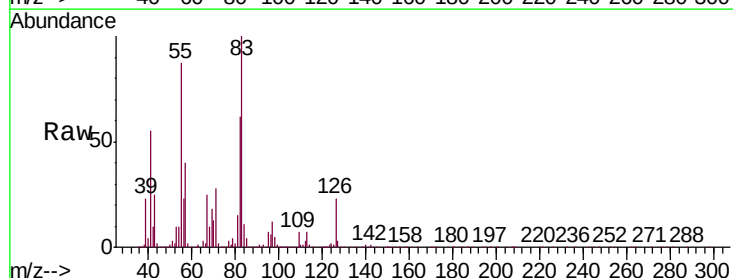
Ion Ratio Lower Upper

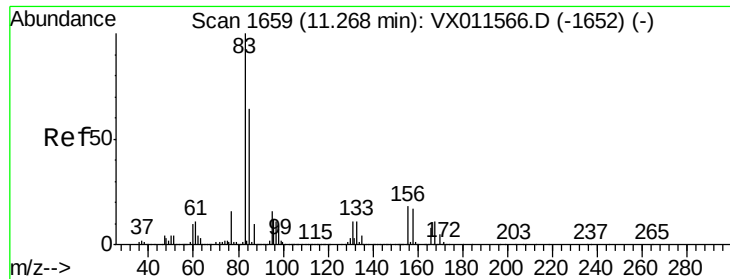
43 100

70 81.7 34.7 52.1#

55 995.2 19.6 29.4#

61 0.0 19.9 29.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.112 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-1

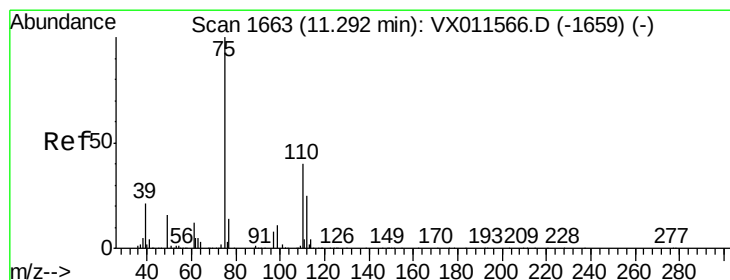
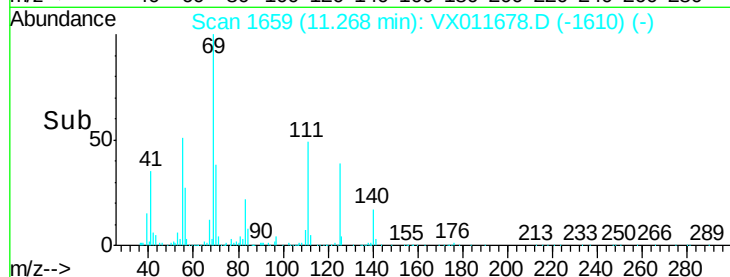
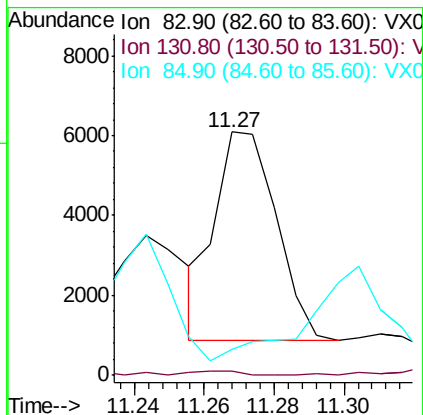
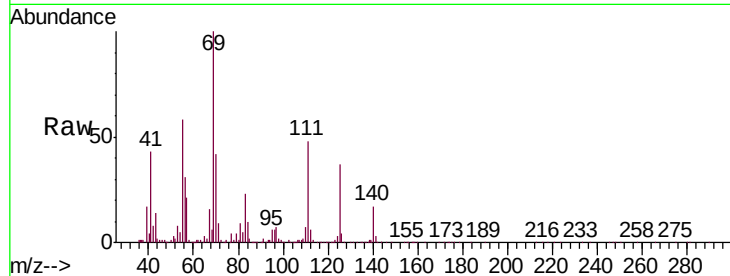
Tgt Ion: 83 Resp: 6366

Ion Ratio Lower Upper

83 100

131 2.3 5.8 17.3#

85 0.0 31.9 95.9#



#76

1,2,3-Trichloropropane

Concen: 22.771 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011678.D

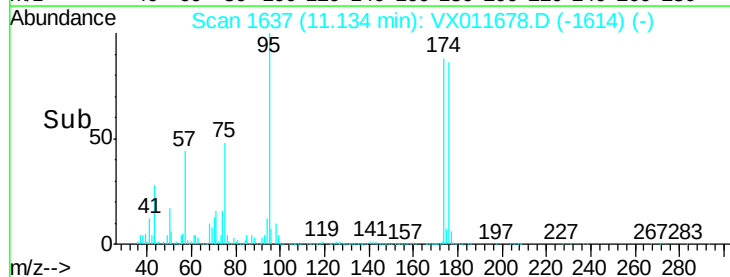
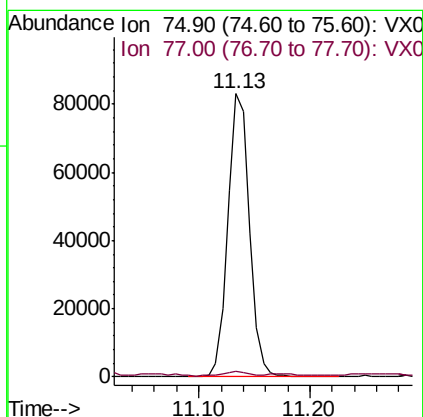
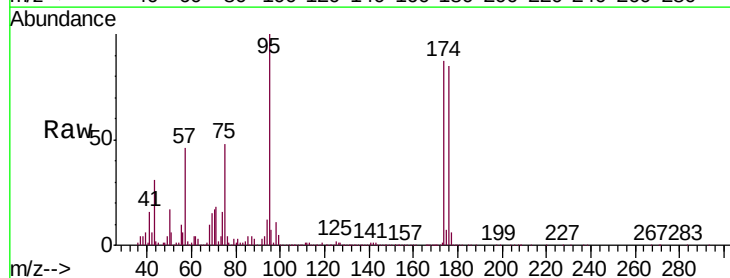
Acq: 20 Aug 2019 12:41

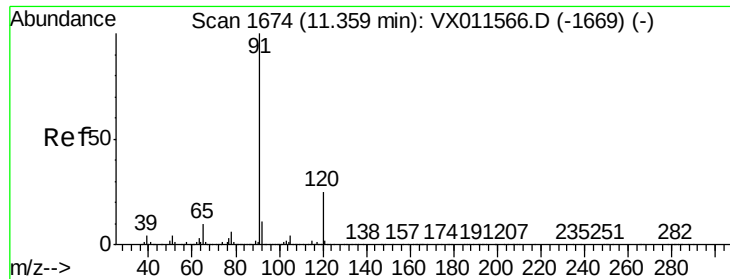
Tgt Ion: 75 Resp: 110731

Ion Ratio Lower Upper

75 100

77 1.7 20.9 62.8#





#78

n-propylbenzene

Concen: 1.180 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

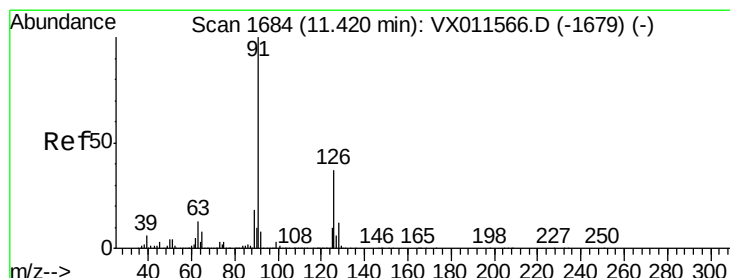
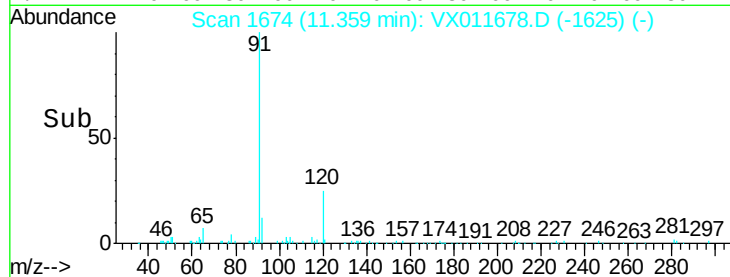
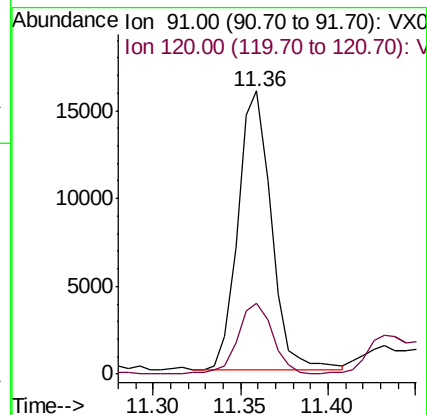
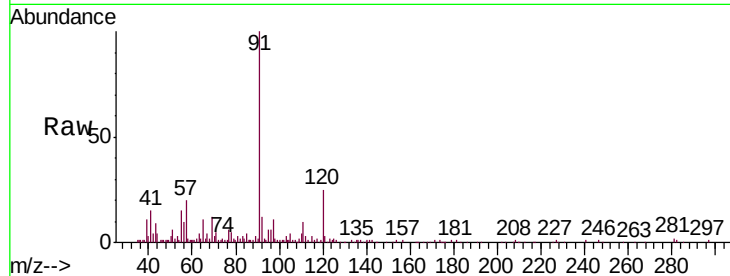
BOTTOM-1

Tgt Ion: 91 Resp: 21175

Ion Ratio Lower Upper

91 100

120 26.6 12.6 37.6



#79

2-Chlorotoluene

Concen: 0.285 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011678.D

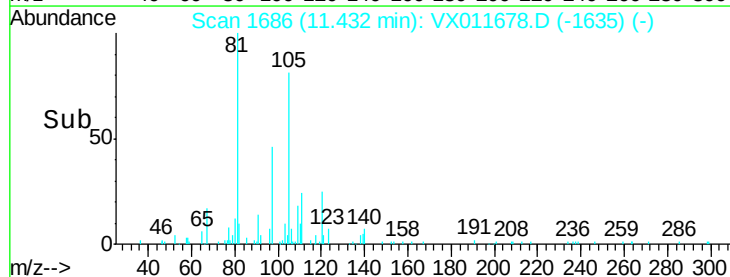
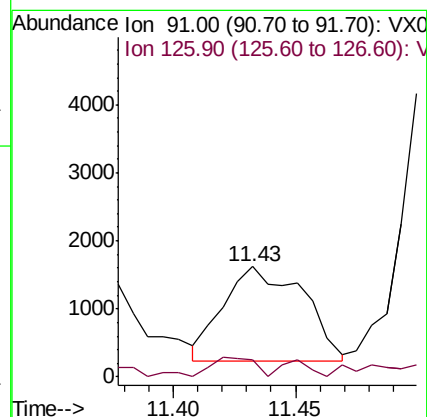
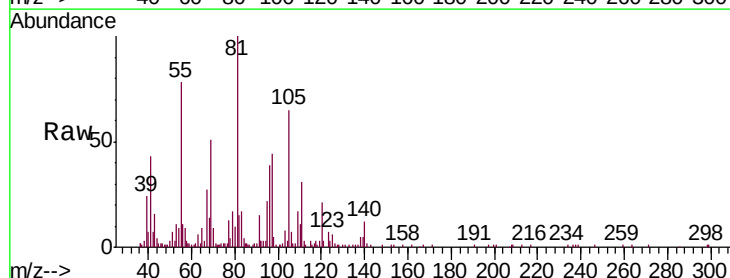
Acq: 20 Aug 2019 12:41

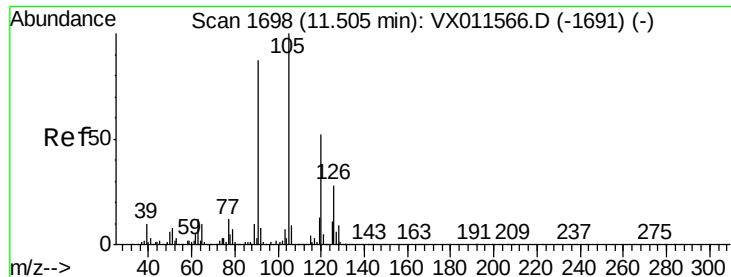
Tgt Ion: 91 Resp: 3141

Ion Ratio Lower Upper

91 100

126 11.8 18.4 55.0#

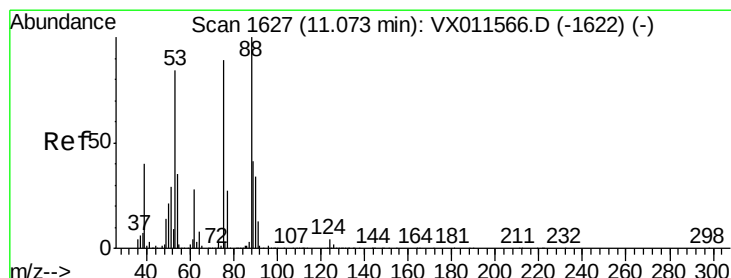
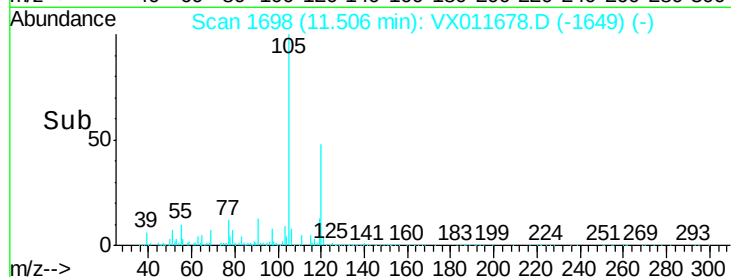
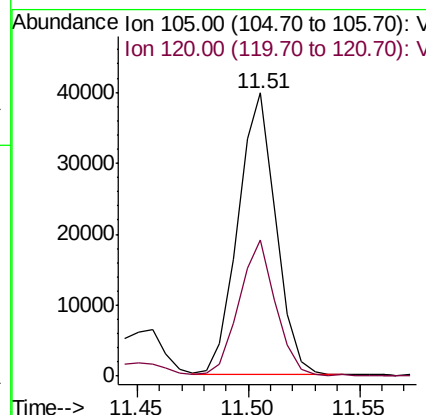
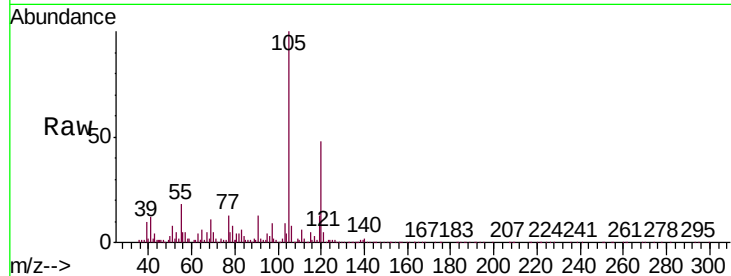




#80
 1,3,5-Trimethylbenzene
 Concen: 3.355 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011678.D
 Acq: 20 Aug 2019 12:41

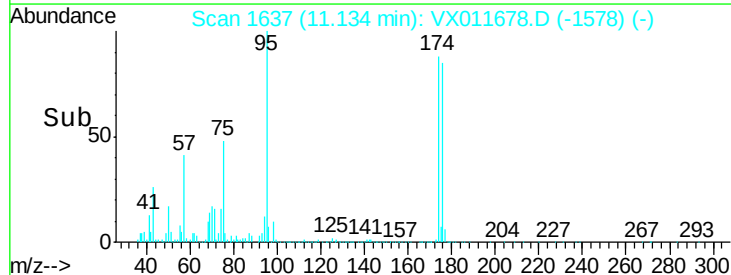
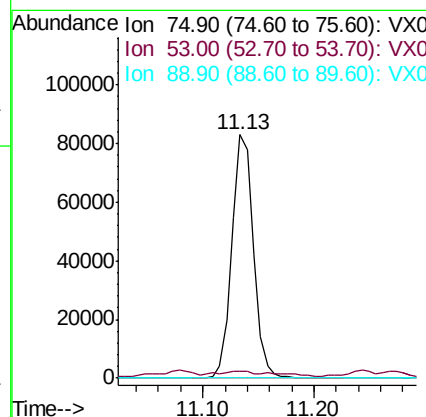
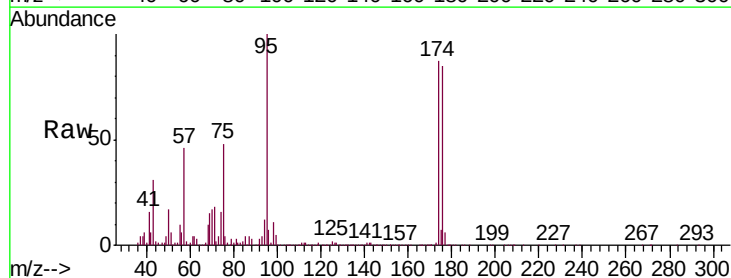
Instrument :
 MSVOA_X
 ClientSampleId :
 BOTTOM-1

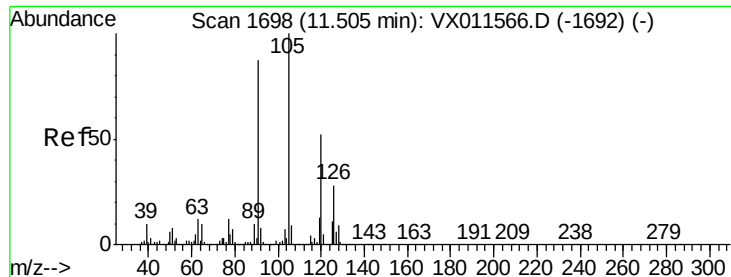
Tgt Ion: 105 Resp: 46903
 Ion Ratio Lower Upper
 105 100
 120 46.8 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.637 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011678.D
 Acq: 20 Aug 2019 12:41

Tgt Ion: 75 Resp: 110731
 Ion Ratio Lower Upper
 75 100
 53 2.8 77.4 116.0#
 89 0.2 37.3 55.9#





#82

4-Chlorotoluene

Concen: 0.537 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

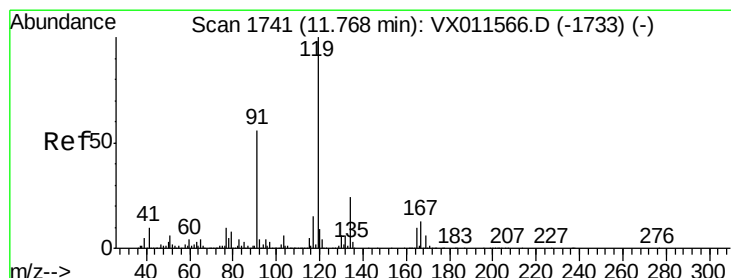
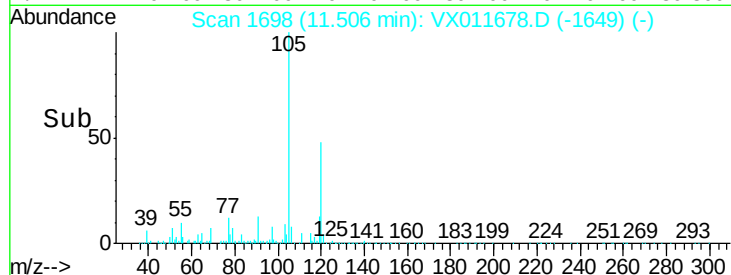
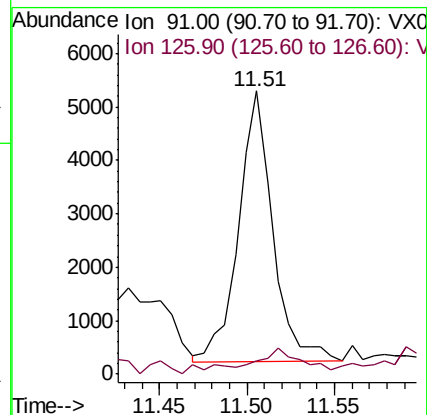
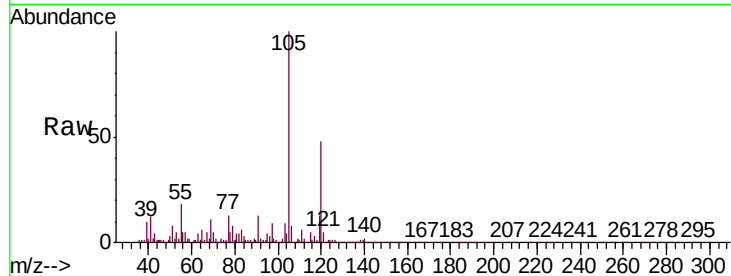
BOTTOM-1

Tgt Ion: 91 Resp: 6858

Ion Ratio Lower Upper

91 100

126 15.6 16.4 49.1#



#83

tert-Butylbenzene

Concen: 0.268 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

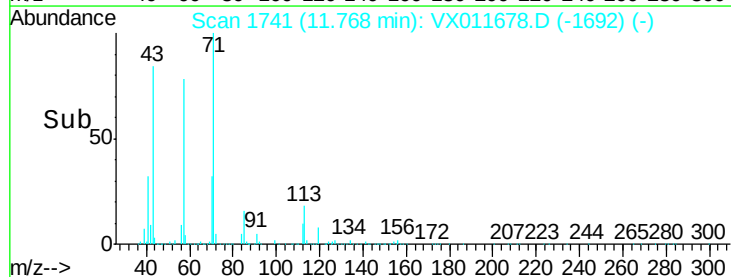
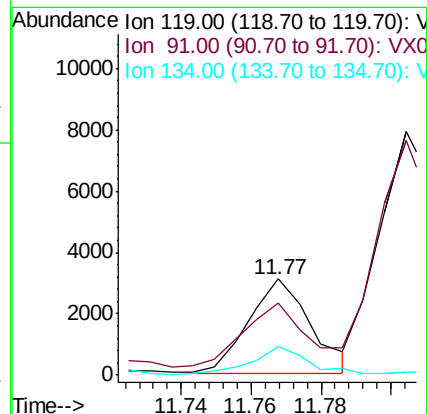
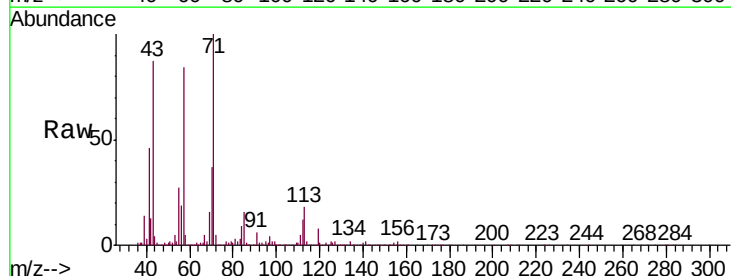
Tgt Ion: 119 Resp: 3814

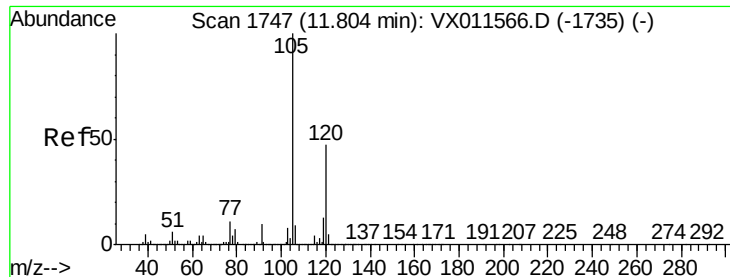
Ion Ratio Lower Upper

119 100

91 63.8 27.1 81.3

134 29.0 11.8 35.3





#84

1,2,4-Trimethylbenzene

Concen: 5.805 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

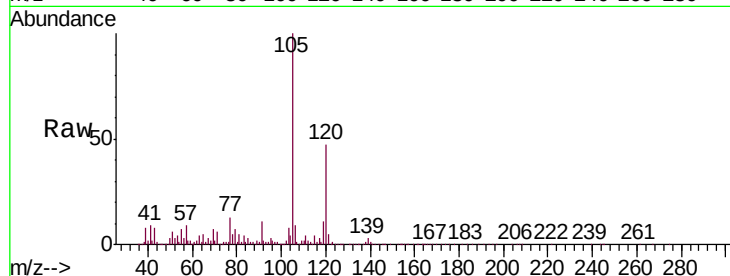
BOTTOM-1

Tgt Ion:105 Resp: 81466

Ion Ratio Lower Upper

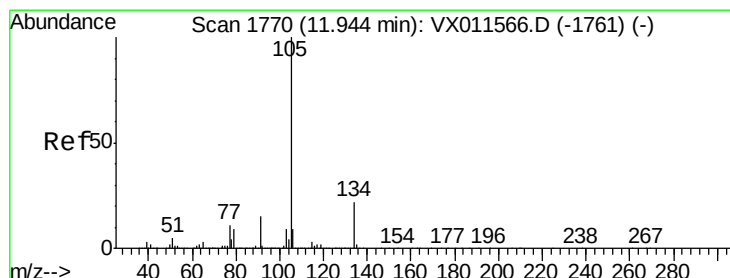
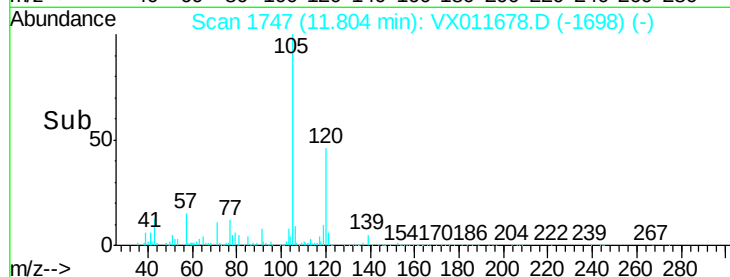
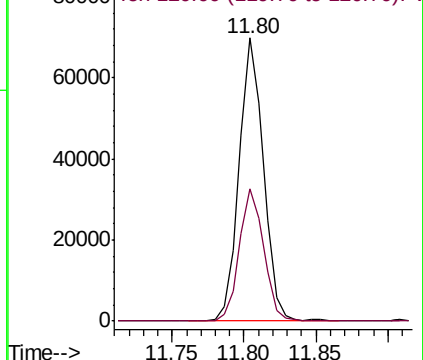
105 100

120 47.8 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.705 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011678.D

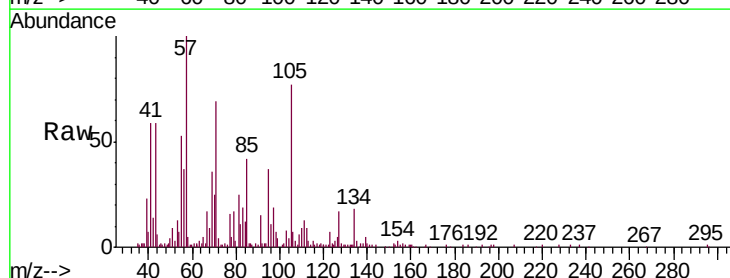
Acq: 20 Aug 2019 12:41

Tgt Ion:105 Resp: 11329

Ion Ratio Lower Upper

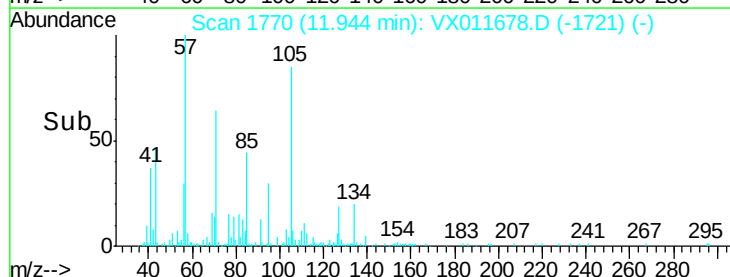
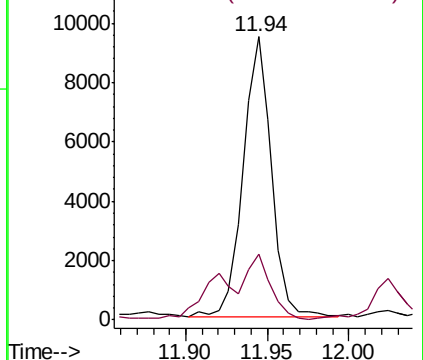
105 100

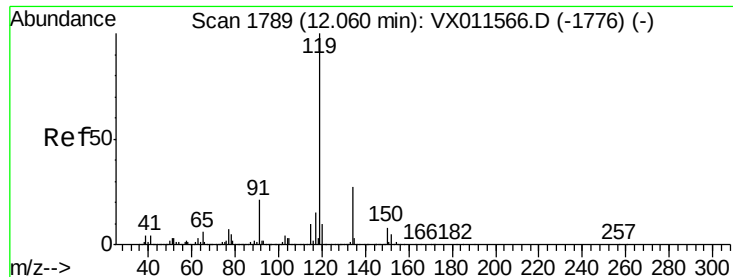
134 20.2 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

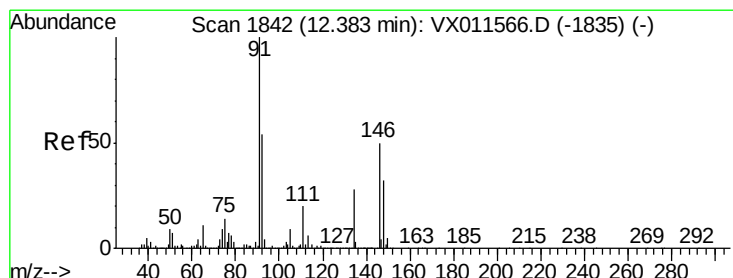
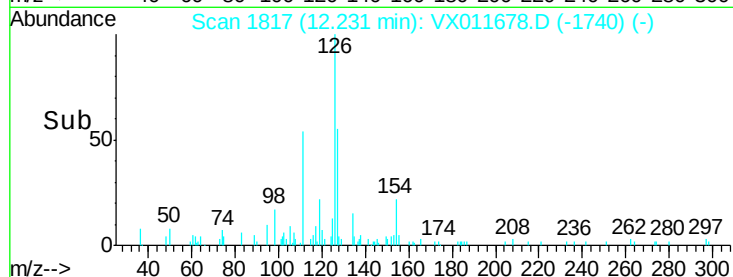
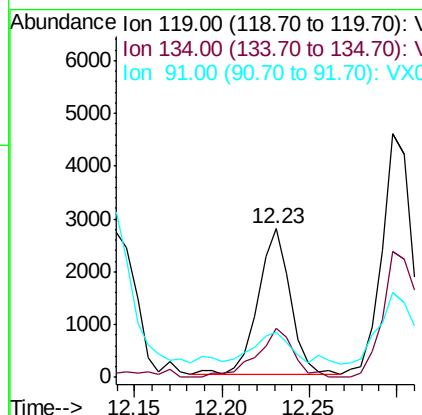
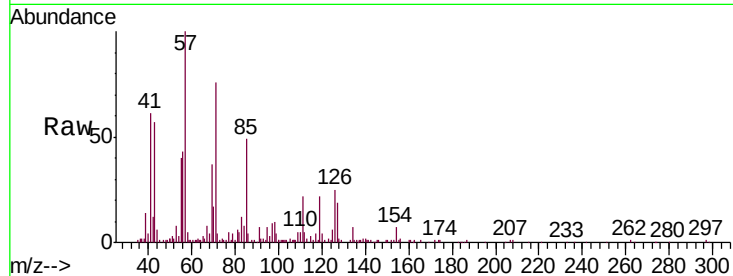




#86
 p-Isopropyltoluene
 Concen: 0.235 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX011678.D
 Acq: 20 Aug 2019 12:41

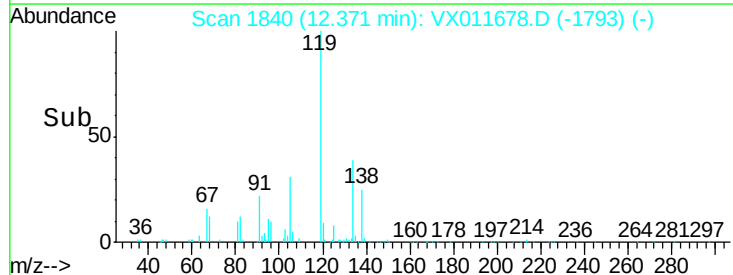
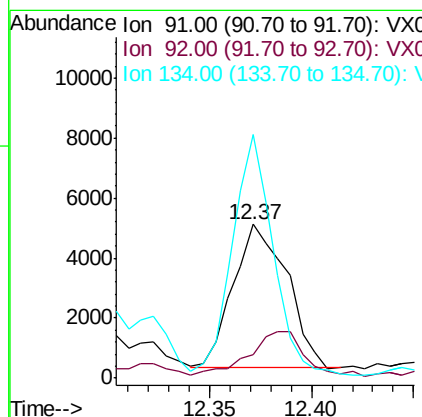
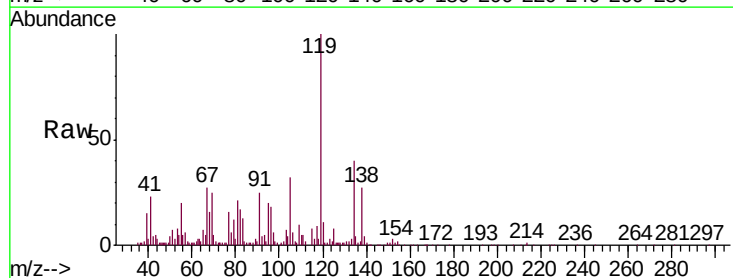
Instrument :
 MSVOA_X
 ClientSampled :
 BOTTOM-1

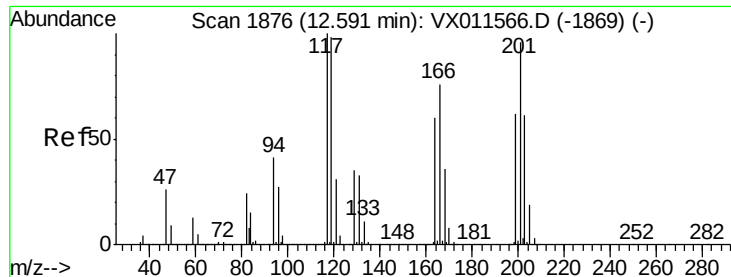
Tgt Ion	Ratio	Lower	Upper
119	100		
134	38.1	13.6	40.8
91	28.1	10.9	32.9



#89
 n-Butylbenzene
 Concen: 0.706 ug/l
 RT: 12.37 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX011678.D
 Acq: 20 Aug 2019 12:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	31.3	26.8	80.3
134	127.0	14.6	44.0





#90

Hexachloroethane

Concen: 0.428 ug/l

RT: 12.58 min Scan# 1874

Delta R.T. -0.01 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

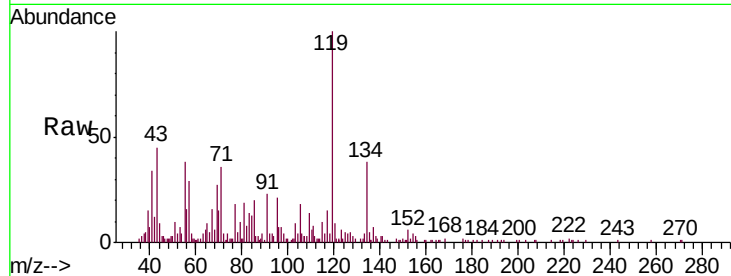
BOTTOM-1

Tgt Ion: 117 Resp: 1021

Ion Ratio Lower Upper

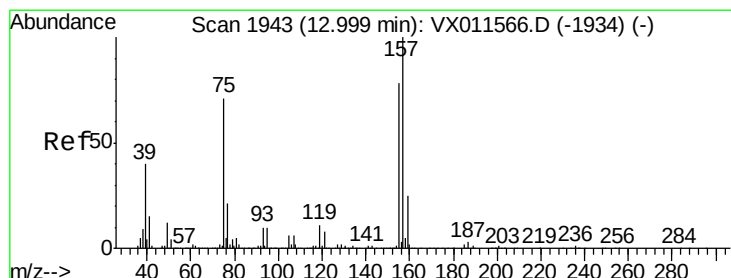
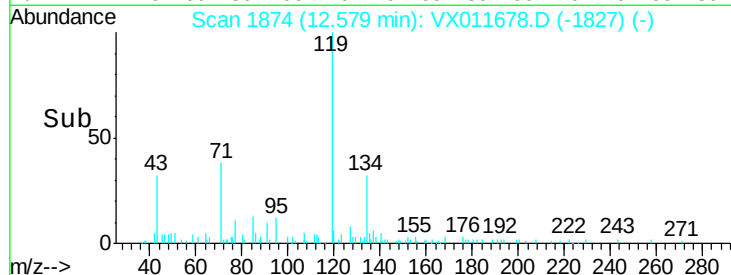
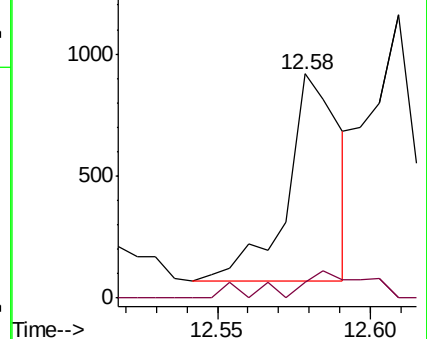
117 100

201 17.0 51.9 155.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.204 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

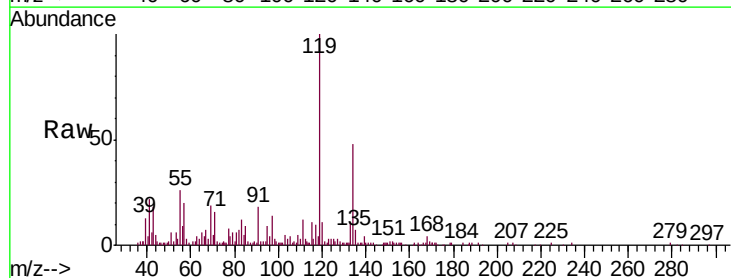
Tgt Ion: 75 Resp: 267

Ion Ratio Lower Upper

75 100

155 158.8 53.0 159.0

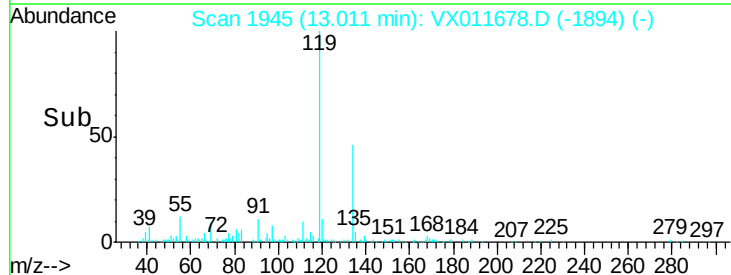
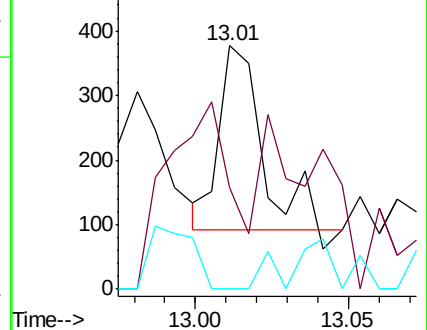
157 0.0 68.3 205.1#

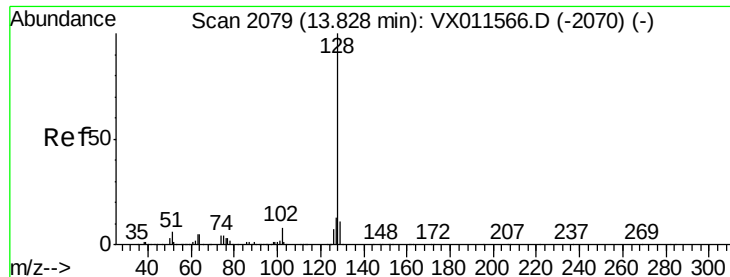


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 0.794 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

BOTTOM-1

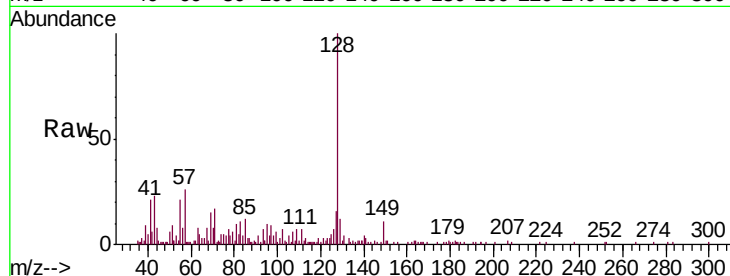
Tgt Ion:128 Resp: 14291

Ion Ratio Lower Upper

128 100

127 15.0 10.3 15.5

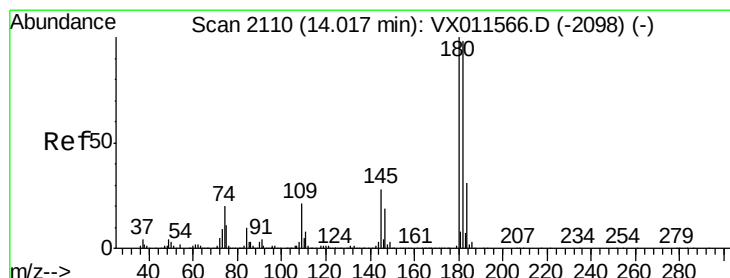
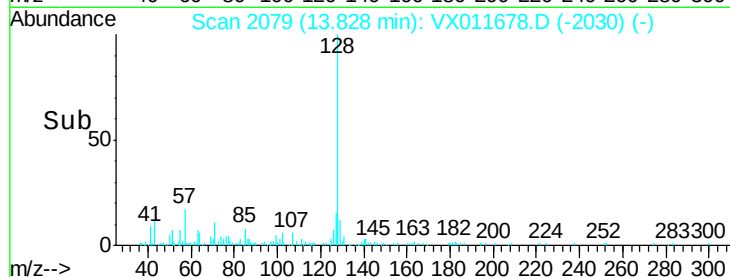
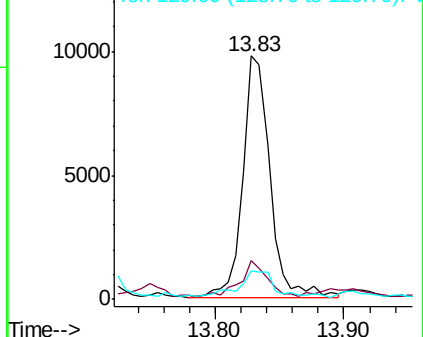
129 15.5 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.205 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011678.D

Acq: 20 Aug 2019 12:41

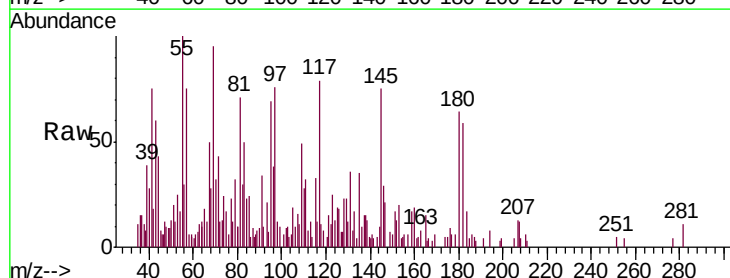
Tgt Ion:180 Resp: 1313

Ion Ratio Lower Upper

180 100

182 64.3 48.0 144.0

145 160.6 14.6 43.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

