

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060596.D
 Acq On : 6 Nov 2018 5:45
 Operator : VA/AP
 Sample : J5767-05
 Misc : 7.52/5mL/MSVOA-F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Nov 06 07:43:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	53809	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	72729	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	38954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	29951	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.86	65	28717	52.82	ug/l	0.01
Spiked Amount			Recovery	=	105.64%	
35) Dibromofluoromethane	4.12	113	33231	59.14	ug/l	0.01
Spiked Amount			Recovery	=	118.28%	
50) Toluene-d8	7.56	98	16958	10.19	ug/l	0.00
Spiked Amount			Recovery	=	20.38%	
62) 4-Bromofluorobenzene	11.42	95	32964	45.27	ug/l	0.00
Spiked Amount			Recovery	=	90.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.95	85	354	Below Cal	#	41
5) Bromomethane	1.36	94	542	2.225	ug/l #	69
6) Chloroethane	1.38	64	282	Below Cal	#	46
8) Diethyl Ether	1.62	74	933	6.198	ug/l	74
11) Tert butyl alcohol	2.57	59	596	14.550	ug/l #	1
12) 1,1-Dichloroethene	1.80	96	533	1.364	ug/l #	1
13) Acrolein	2.06	56	361	Below Cal		86
14) Allyl chloride	2.14	41	1763	2.762	ug/l #	64
15) Acrylonitrile	3.01	53	314	4.846	ug/l #	40
16) Acetone	2.25	43	10368	80.931	ug/l	94
18) Methyl Acetate	2.35	43	3254	16.675	ug/l	98
20) Methylene Chloride	2.19	84	4650	7.609	ug/l	85
21) trans-1,2-Dichloroethene	2.29	96	626	1.526	ug/l #	1
23) Vinyl Acetate	3.26	43	1780	2.191	ug/l #	75
25) 2-Butanone	4.35	43	5276	Below Cal	#	74
29) Tetrahydrofuran	4.08	42	466	Below Cal	#	36
37) Ethyl Acetate	4.14	43	1634	4.251	ug/l #	21
40) Benzene	4.64	78	4141	2.130	ug/l #	54
41) Methacrylonitrile	4.78	41	903	4.148	ug/l #	62
43) Isopropyl Acetate	6.99	43	814	1.674	ug/l #	45
48) Methyl methacrylate	6.75	41	549	1.796	ug/l #	86
49) 1,4-Dioxane	7.05	88	65	20.332	ug/l #	1
51) 4-Methyl-2-Pentanone	8.27	43	3174	9.707	ug/l #	86
52) Toluene	7.63	92	28310	22.358	ug/l	93
56) Ethyl methacrylate	8.64	69	772	1.628	ug/l #	54
58) 2-Chloroethyl Vinyl ether	7.63	63	3878	116.767	ug/l	100
59) 2-Hexanone	9.51	43	4460	Below Cal	#	55
67) Ethyl Benzene	9.91	91	12308	8.514	ug/l #	82
68) m/p-Xylenes	10.14	106	22095	40.576	ug/l #	65
69) o-Xylene	10.72	106	8556	14.390	ug/l	87
75) 1,1,2,2-Tetrachloroethane	11.71	83	940	2.205	ug/l #	57
84) 1,2,4-Trimethylbenzene	12.21	105	3381	1.793	ug/l	81
92) 1,2-Dibromo-3-Chloropropan	13.61	75	165	2.228	ug/l #	1
95) Naphthalene	14.46	128	2266	1.776	ug/l #	94

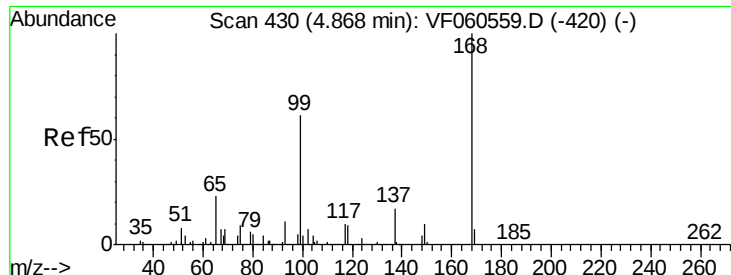
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110518\
Data File : VF060596.D
Acq On : 6 Nov 2018 5:45
Operator : VA/AP
Sample : J5767-05
Misc : 7.52/5mL/MSVOA-F/SOIL
ALS Vial : 38 Sample Multiplier: 1

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Quant Time: Nov 06 07:43:11 2018
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Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF060596.D

Acq: 6 Nov 2018 5:45

Instrument :

MSVOA_F

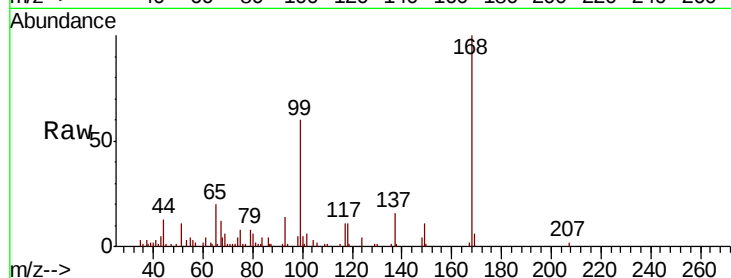
ClientSampleId :

Tot Ion:168 Resp: 53809

Ion Ratio Lower Upper

168 100

99 59.8 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

20000

15000

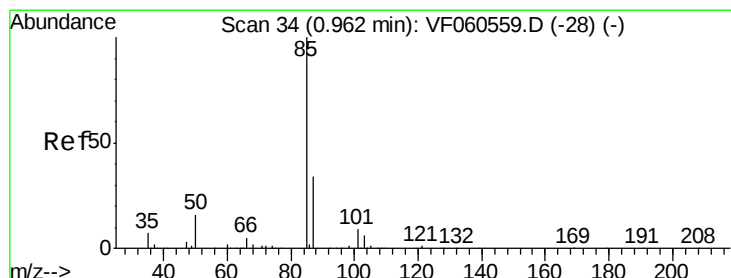
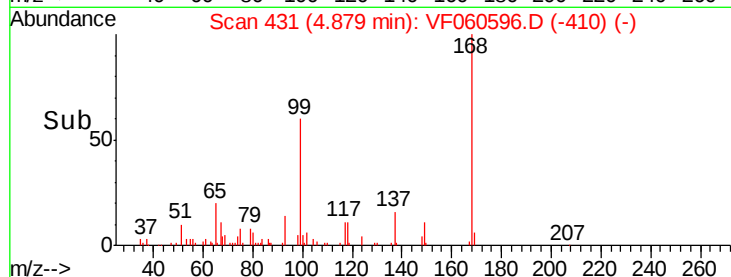
10000

5000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.95 min Scan# 33

Delta R.T. -0.01 min

Lab File: VF060596.D

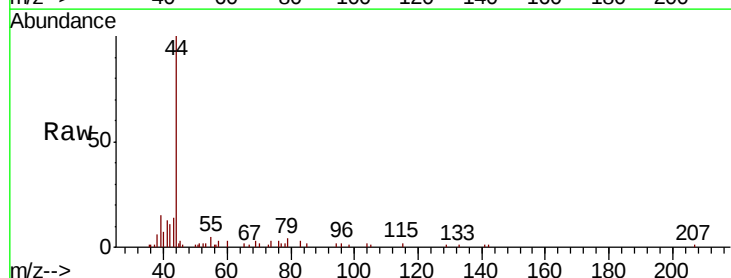
Acq: 6 Nov 2018 5:45

Tgt Ion: 85 Resp: 354

Ion Ratio Lower Upper

85 100

87 0.0 16.9 50.7#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.95

200

150

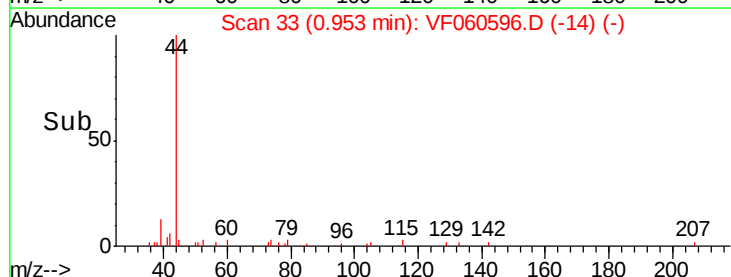
100

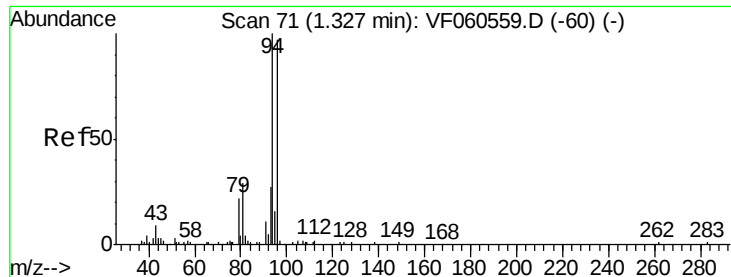
50

0

0.90 0.92 0.94 0.96 0.98

Time-->





#5

Bromomethane

Concen: 2.225 ug/l

RT: 1.36 min Scan# 74

Delta R.T. 0.03 min

Lab File: VF060596.D

Acq: 6 Nov 2018 5:45

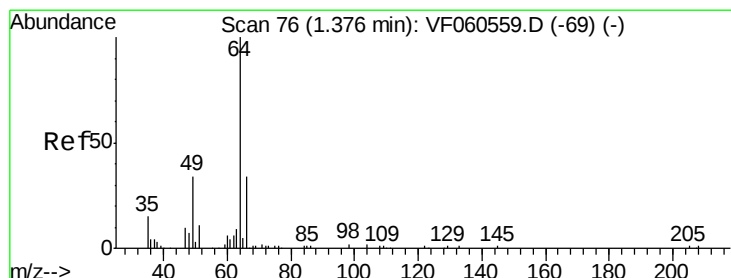
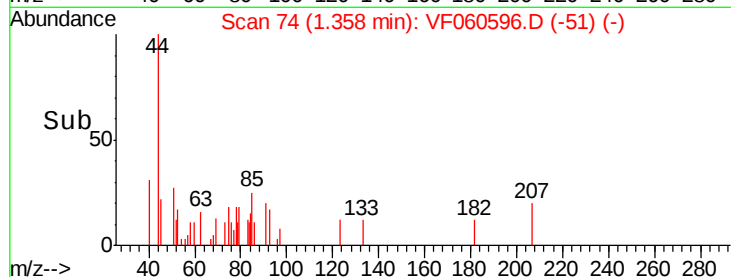
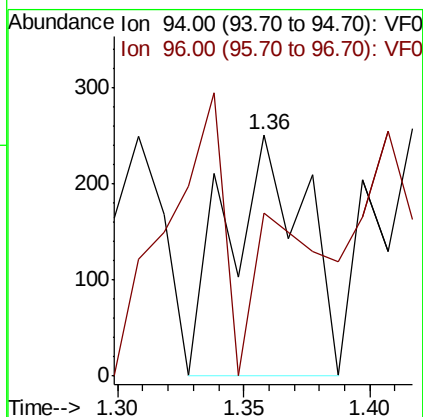
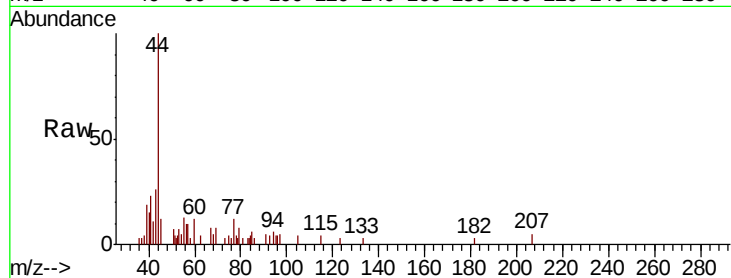
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 94 Resp: 542

Ion Ratio Lower Upper

94 100

96 67.3 77.9 116.9#



#6

Chloroethane

Concen: Below Cal

RT: 1.38 min Scan# 76

Delta R.T. 0.00 min

Lab File: VF060596.D

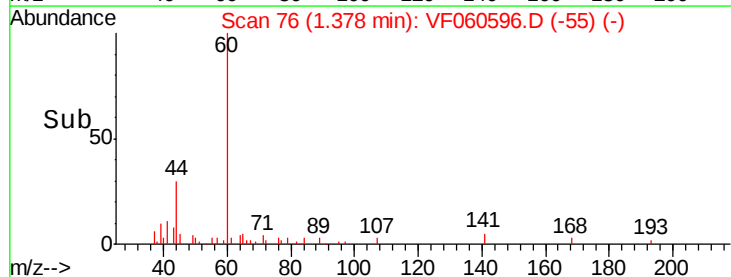
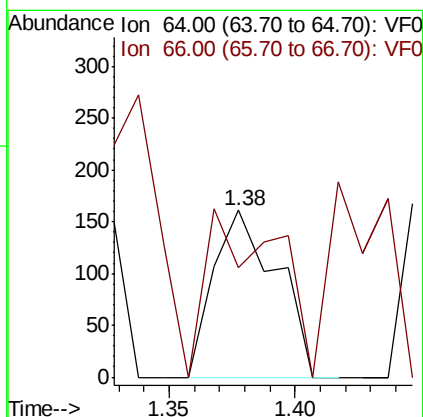
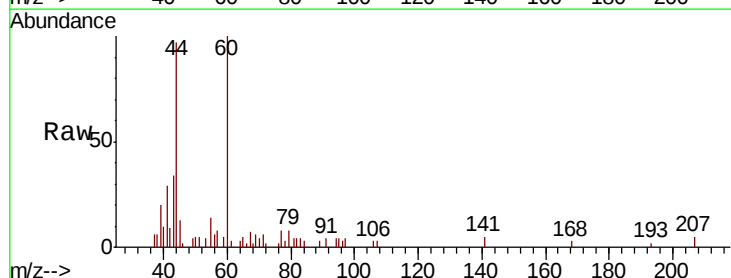
Acq: 6 Nov 2018 5:45

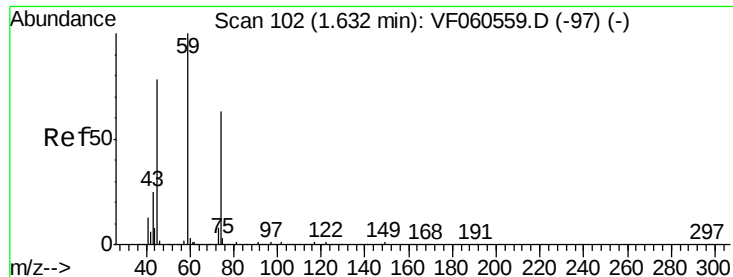
Tgt Ion: 64 Resp: 282

Ion Ratio Lower Upper

64 100

66 65.8 27.8 41.8#





#8

Diethyl Ether

Concen: 6.198 ug/l

RT: 1.62 min Scan# 101

Delta R.T. -0.01 min

Lab File: VF060596.D

Acq: 6 Nov 2018 5:45

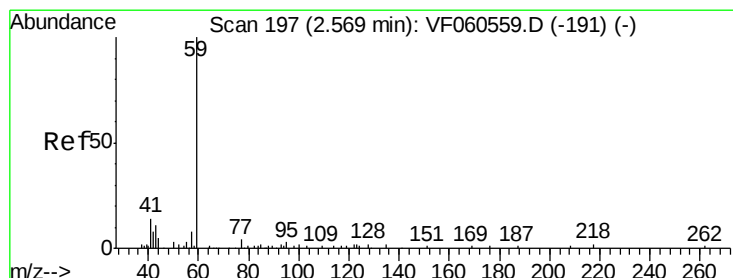
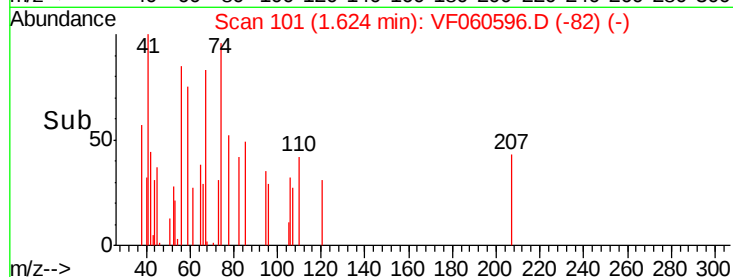
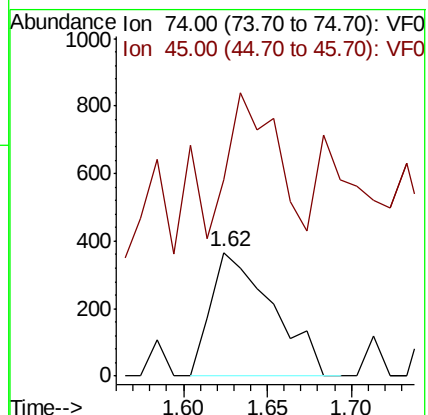
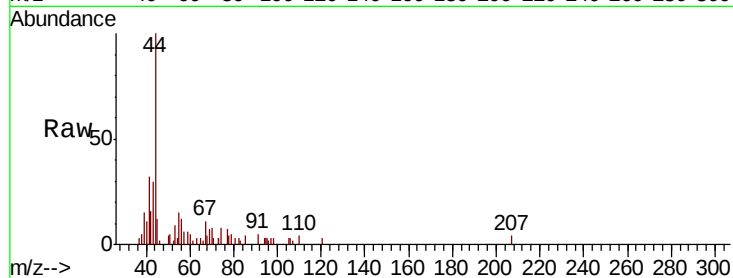
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 74 Resp: 933

Ion Ratio Lower Upper

74 100

45 158.0 63.8 191.5



#11

Tert butyl alcohol

Concen: 14.550 ug/l

RT: 2.57 min Scan# 197

Delta R.T. 0.00 min

Lab File: VF060596.D

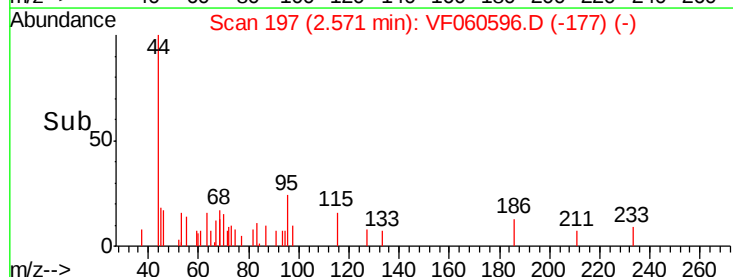
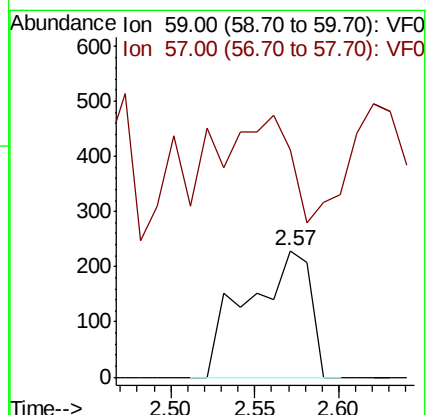
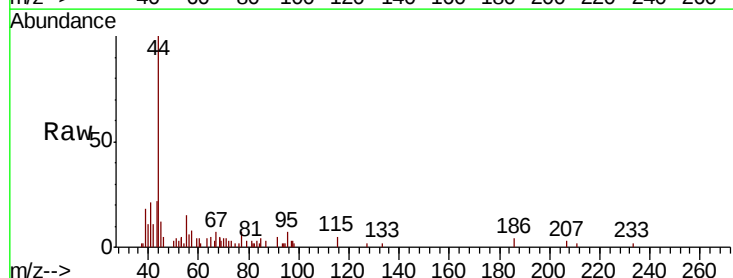
Acq: 6 Nov 2018 5:45

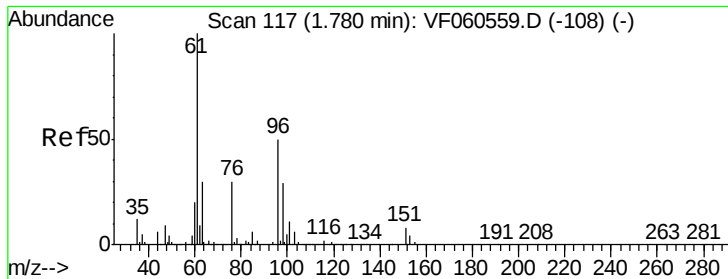
Tgt Ion: 59 Resp: 596

Ion Ratio Lower Upper

59 100

57 179.9 19.0 28.4#





#12

1,1-Dichloroethene

Concen: 1.364 ug/l

RT: 1.80 min Scan# 119

Delta R.T. 0.02 min

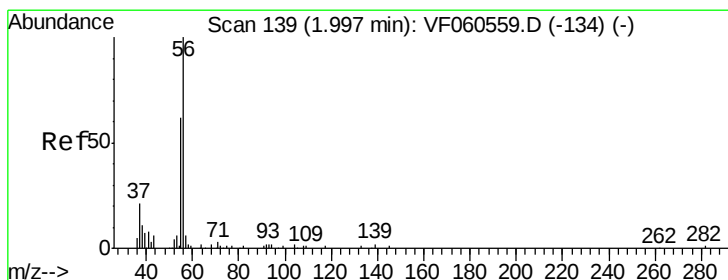
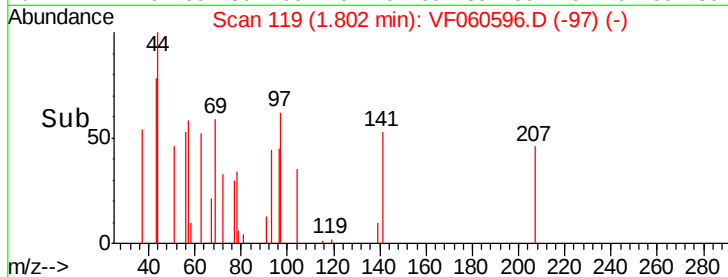
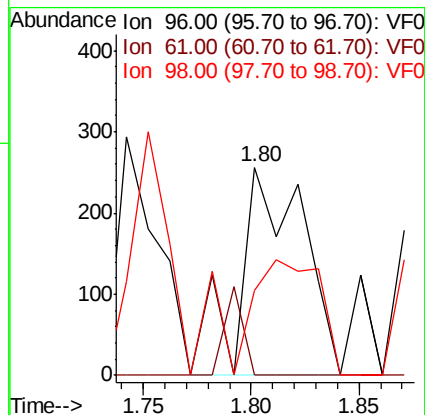
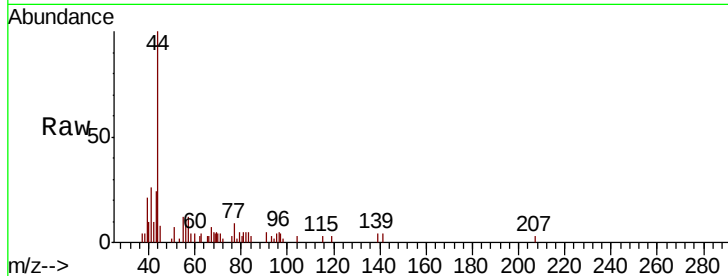
Lab File: VF060596.D

Acq: 6 Nov 2018 5:45

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 96 Resp: 533

Ion	Ratio	Lower	Upper
96	100		
61	0.0	158.1	237.1#
98	40.6	47.0	70.6#



#13

Acrolein

Concen: Below Cal

RT: 2.06 min Scan# 145

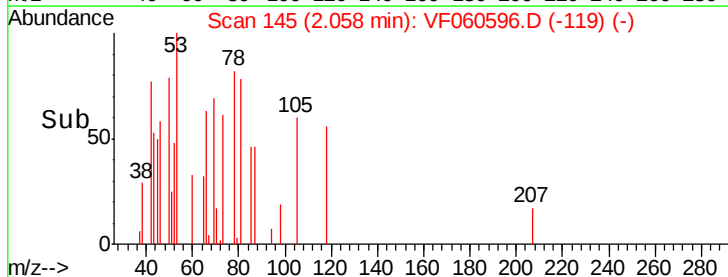
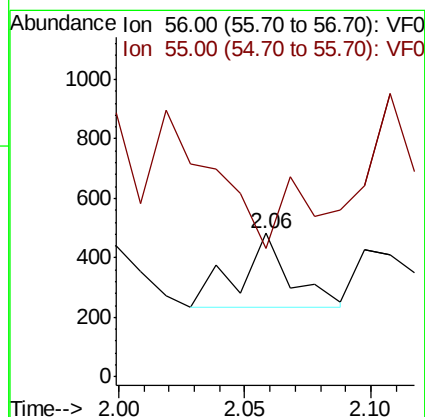
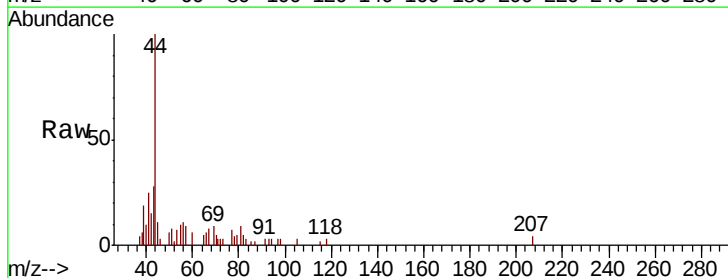
Delta R.T. 0.06 min

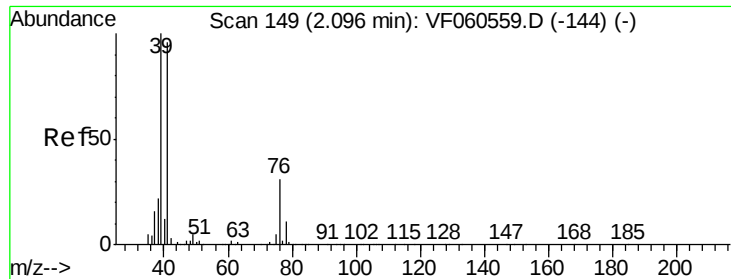
Lab File: VF060596.D

Acq: 6 Nov 2018 5:45

Tgt Ion: 56 Resp: 361

Ion	Ratio	Lower	Upper
56	100		
55	89.6	61.8	92.6

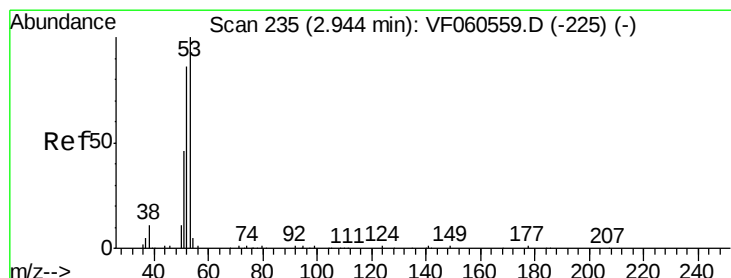
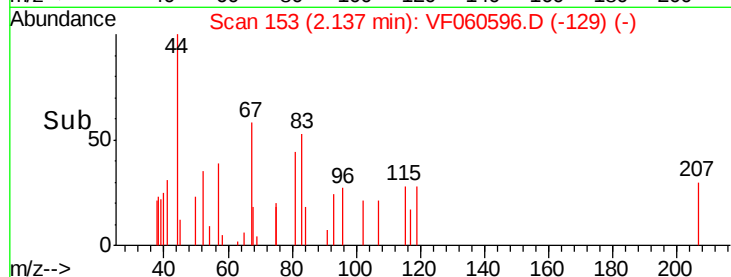
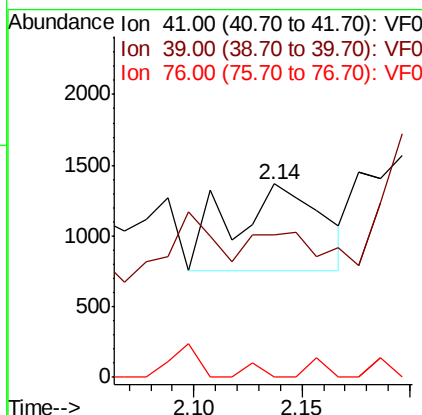
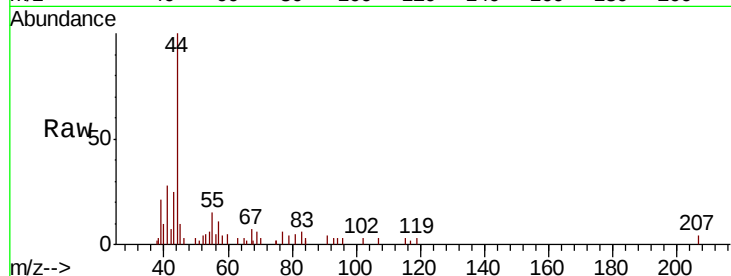




#14
Allvl chloride
Concen: 2.762 ug/l
RT: 2.14 min Scan# 153
Delta R.T. 0.04 min
Lab File: VF060596.D
Acq: 6 Nov 2018 5:45

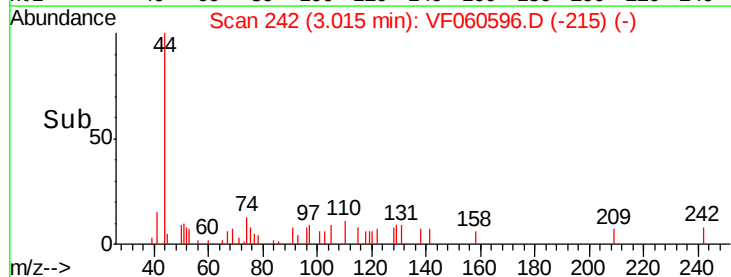
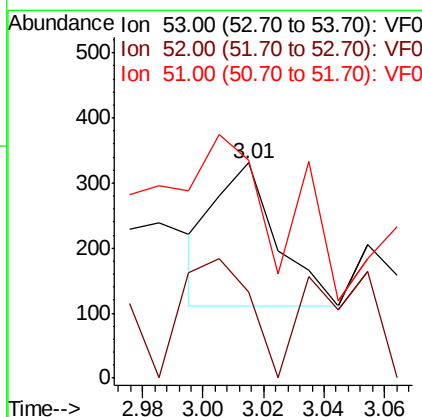
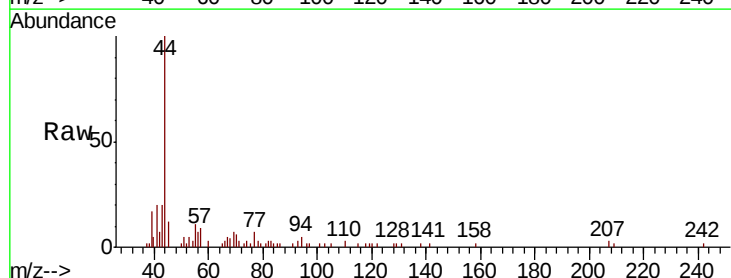
Instrument :
MSVOA_F
ClientSampled :

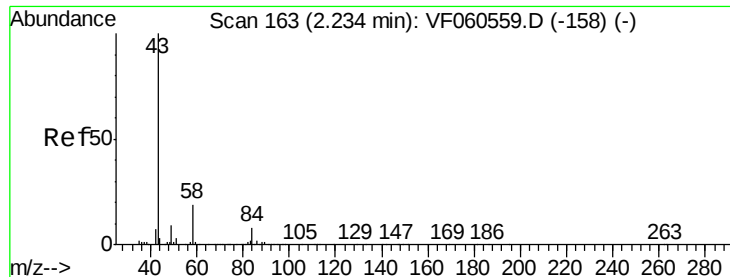
Tot Ion: 41 Resp: 1763
Ion Ratio Lower Upper
41 100
39 74.0 82.6 124.0#
76 0.0 26.7 40.1#



#15
Acrylonitrile
Concen: 4.846 ug/l
RT: 3.01 min Scan# 242
Delta R.T. 0.07 min
Lab File: VF060596.D
Acq: 6 Nov 2018 5:45

Tgt Ion: 53 Resp: 314
Ion Ratio Lower Upper
53 100
52 40.2 68.5 102.7#
51 101.2 38.2 57.2#





#16

Acetone

Concen: 80.931 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF060596.D

Acq: 6 Nov 2018 5:45

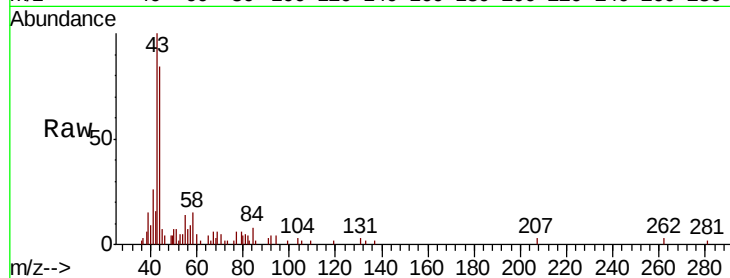
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 10368

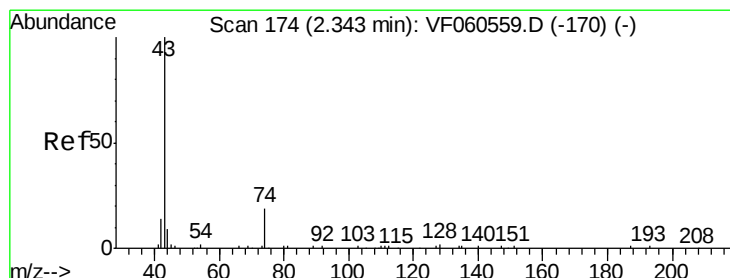
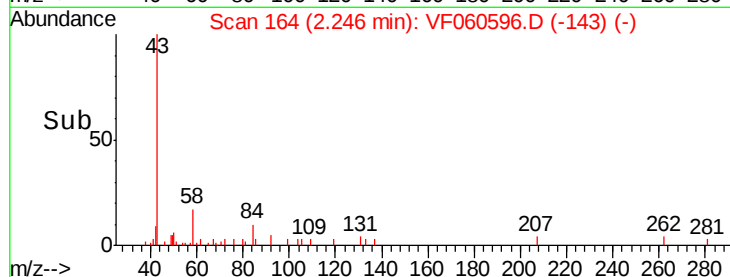
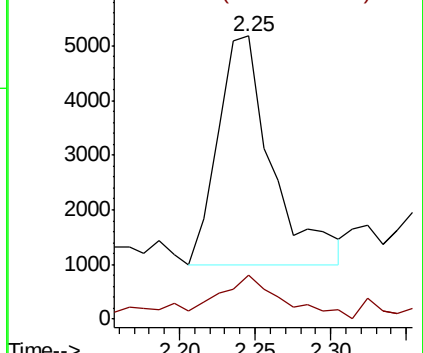
Ion Ratio Lower Upper

43 100

58 15.5 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0



#18

Methyl Acetate

Concen: 16.675 ug/l

RT: 2.35 min Scan# 175

Delta R.T. 0.01 min

Lab File: VF060596.D

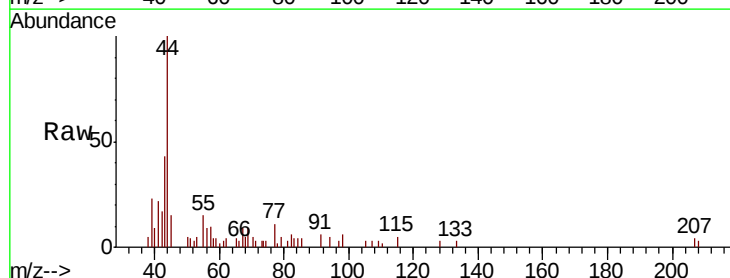
Acq: 6 Nov 2018 5:45

Tgt Ion: 43 Resp: 3254

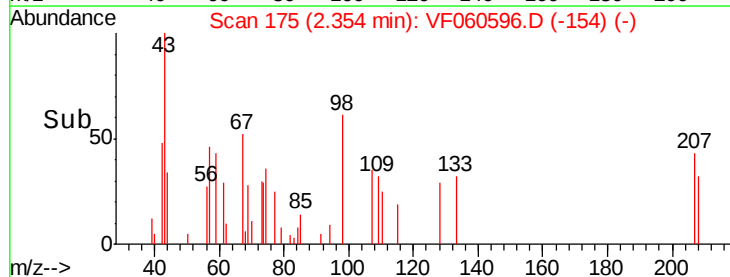
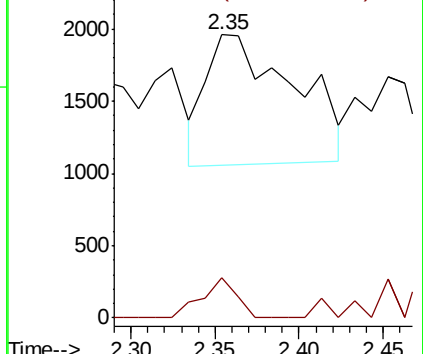
Ion Ratio Lower Upper

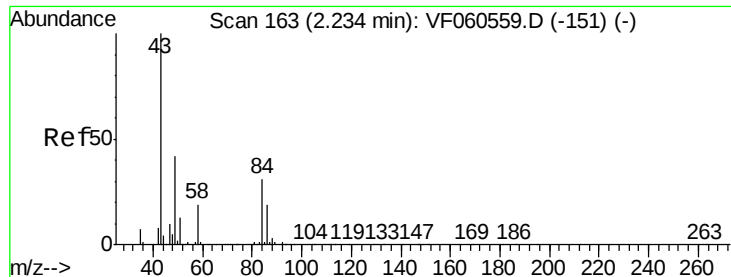
43 100

74 14.1 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 74.00 (73.70 to 74.70): VF0

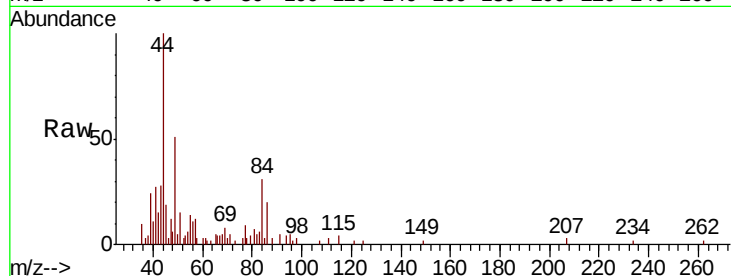




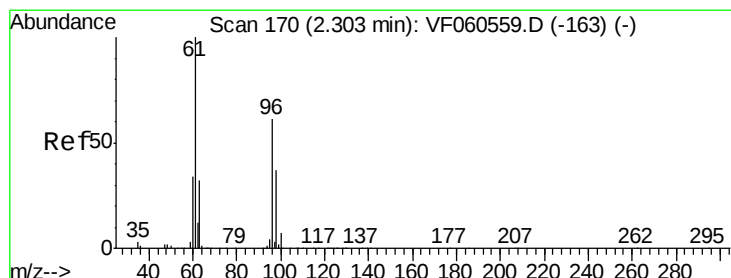
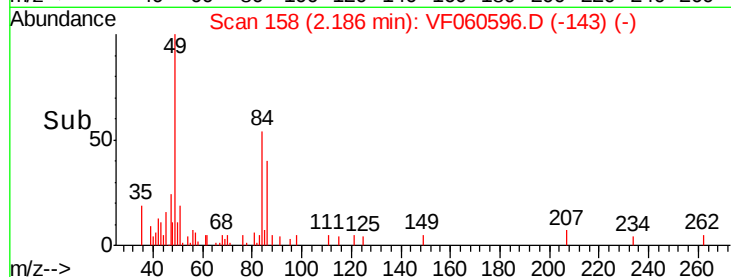
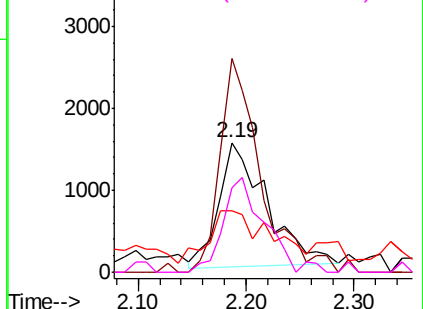
#20
Methvlene Chloride
Concen: 7.609 ug/l
RT: 2.19 min Scan# 158
Delta R.T. -0.05 min
Lab File: VF060596.D
Acq: 6 Nov 2018 5:45

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 84 Resp: 4650
Ion Ratio Lower Upper
84 100
49 164.6 109.9 164.9
51 47.3 35.8 53.8
86 65.5 48.3 72.5

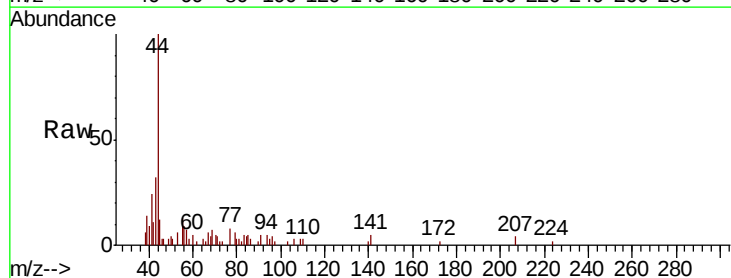


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

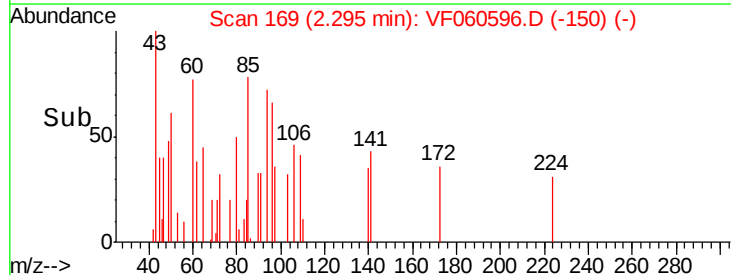
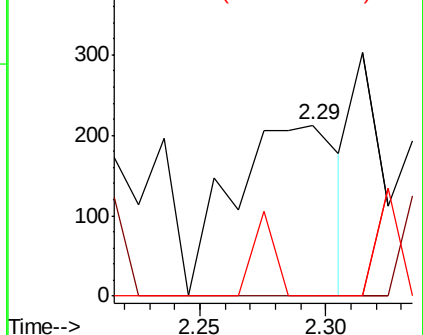


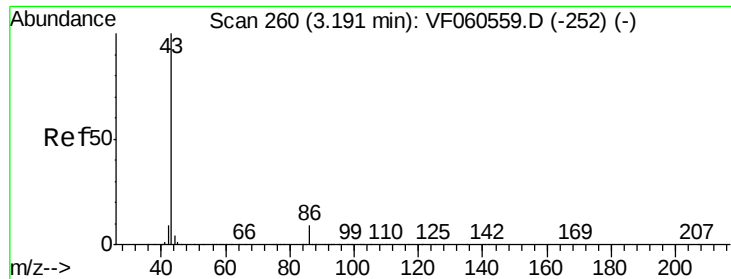
#21
trans-1,2-Dichloroethene
Concen: 1.526 ug/l
RT: 2.29 min Scan# 169
Delta R.T. -0.01 min
Lab File: VF060596.D
Acq: 6 Nov 2018 5:45

Tgt Ion: 96 Resp: 626
Ion Ratio Lower Upper
96 100
61 0.0 131.3 196.9#
98 0.0 48.6 73.0#



Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0





#23

Vinyl Acetate

Concen: 2.191 ug/l

RT: 3.26 min Scan# 267

Delta R.T. 0.07 min

Lab File: VF060596.D

Acq: 6 Nov 2018 5:45

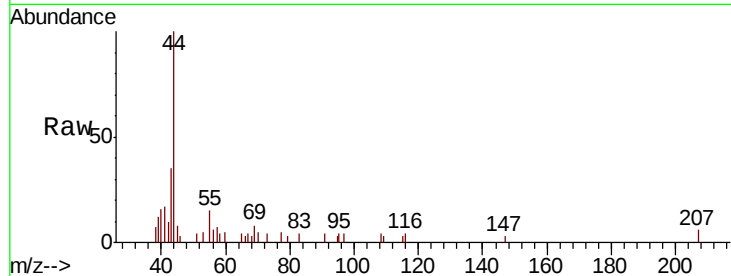
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 1780

Ion Ratio Lower Upper

43 100

86 0.0 7.1 10.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

1500

1000

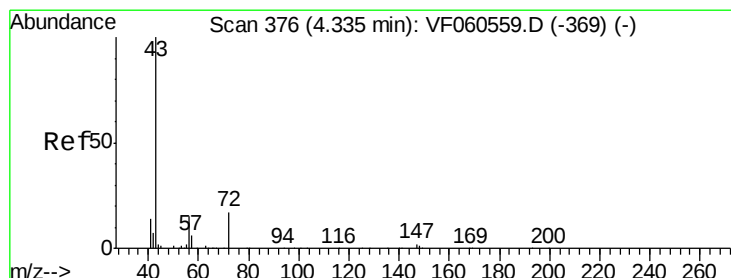
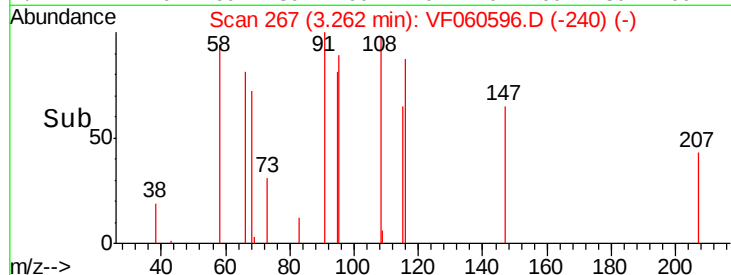
500

0

Time-->

3.20 3.25 3.30

3.26



#25

2-Butanone

Concen: Below Cal

RT: 4.35 min Scan# 377

Delta R.T. 0.01 min

Lab File: VF060596.D

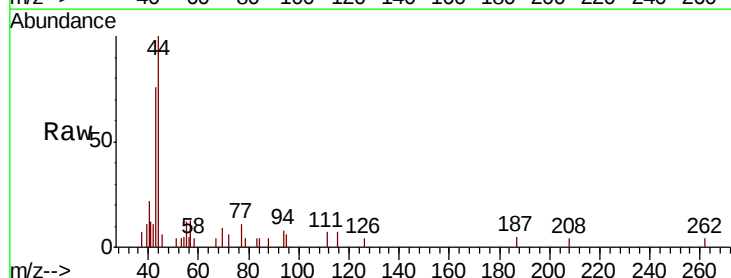
Acq: 6 Nov 2018 5:45

Tgt Ion: 43 Resp: 5276

Ion Ratio Lower Upper

43 100

72 8.1 16.2 24.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

2500

2000

1500

1000

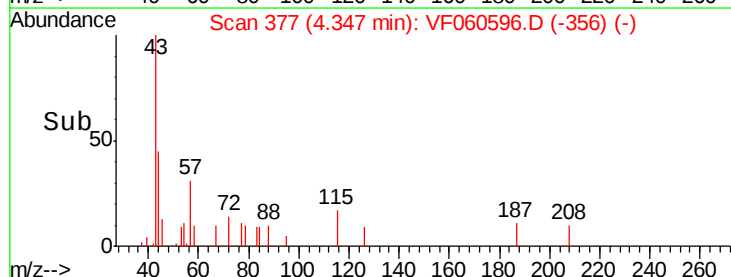
500

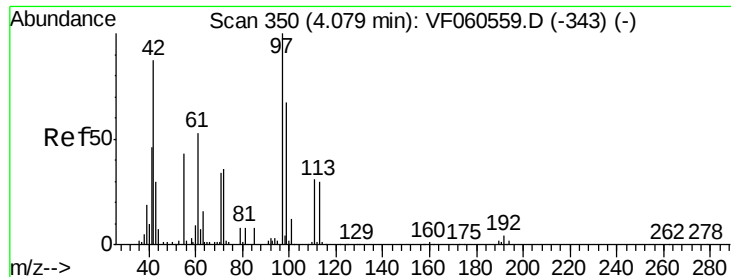
0

Time-->

4.25 4.30 4.35 4.40

4.35

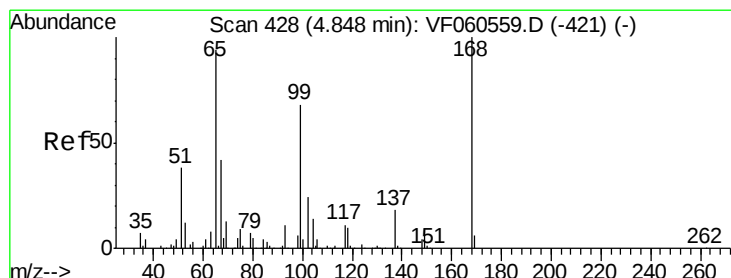
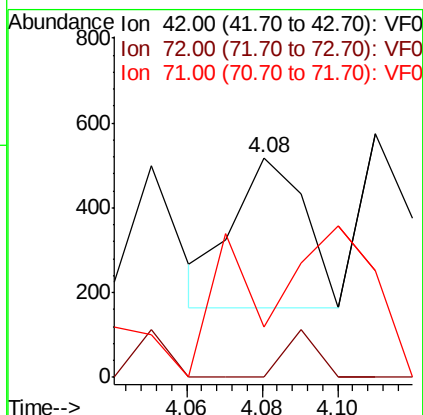
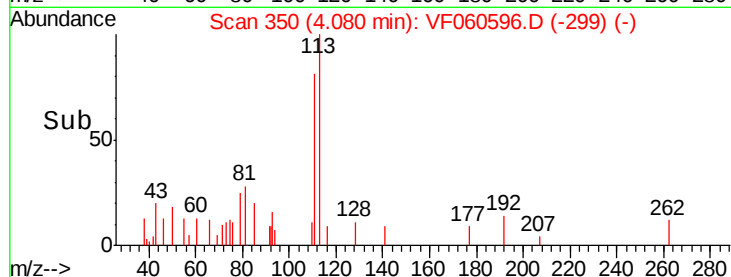
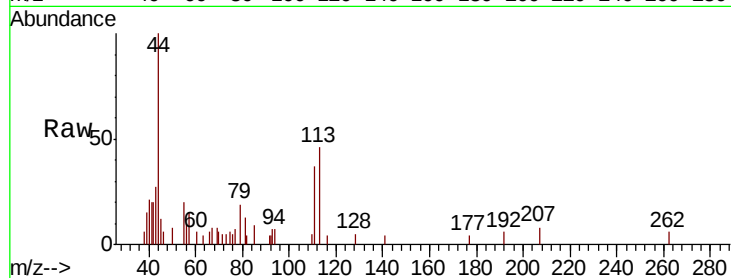




#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.08 min Scan# 350
Delta R.T. 0.00 min
Lab File: VF060596.D
Acq: 6 Nov 2018 5:45

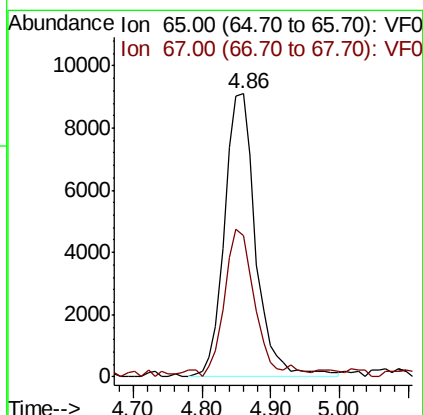
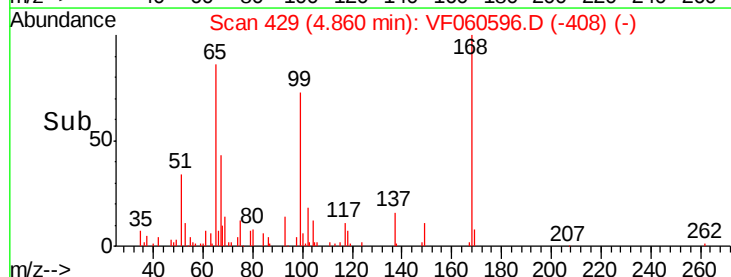
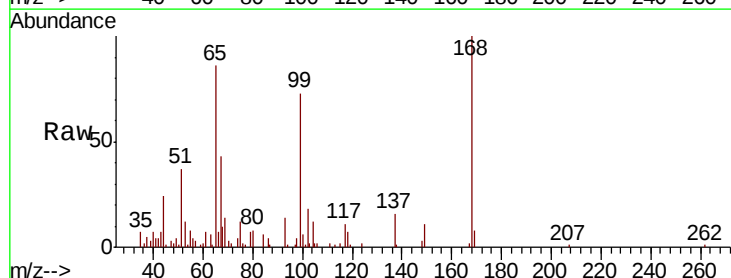
Instrument :
MSVOA_F
ClientSampleId :

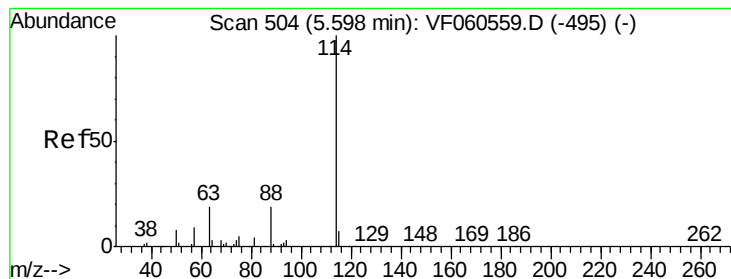
Tot Ion: 42 Resp: 466
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.0#
71 0.0 31.8 47.6#



#33
1,2-Dichloroethane-d4
Concen: 52.821 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.01 min
Lab File: VF060596.D
Acq: 6 Nov 2018 5:45

Tgt Ion: 65 Resp: 28717
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF060596.D

Acq: 6 Nov 2018 5:45

Instrument :

MSVOA_F

ClientSampleId :

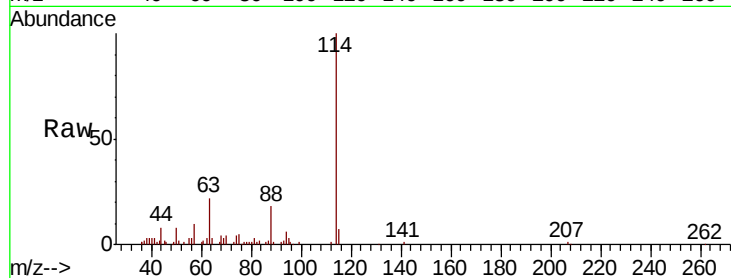
Tot Ion:114 Resp: 72729

Ion Ratio Lower Upper

114 100

63 22.3 0.0 39.0

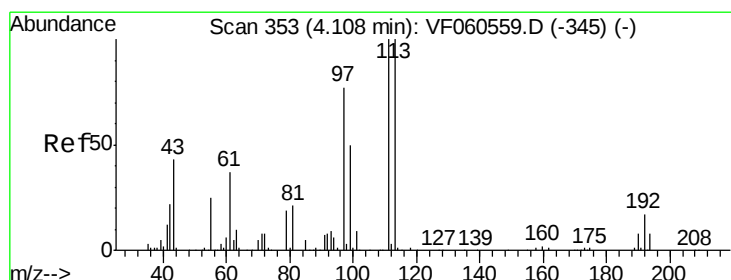
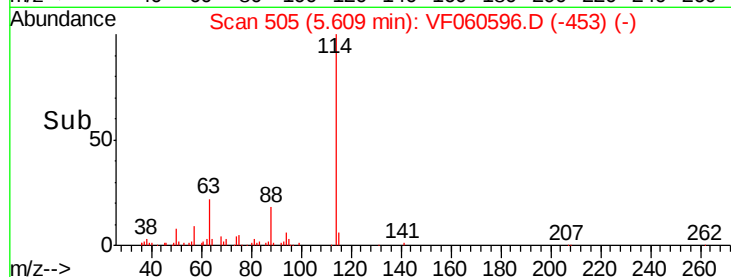
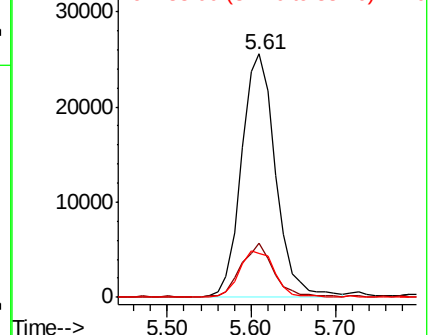
88 17.8 0.0 38.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 59.140 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF060596.D

Acq: 6 Nov 2018 5:45

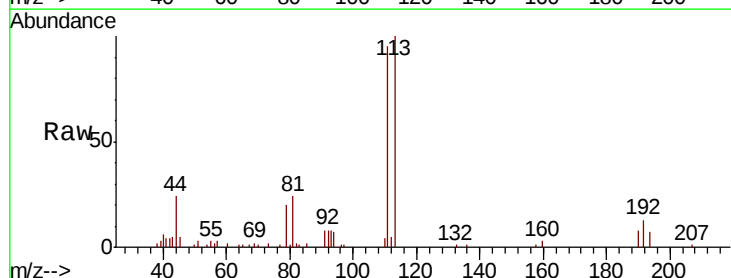
Tgt Ion:113 Resp: 33231

Ion Ratio Lower Upper

113 100

111 95.5 79.9 119.9

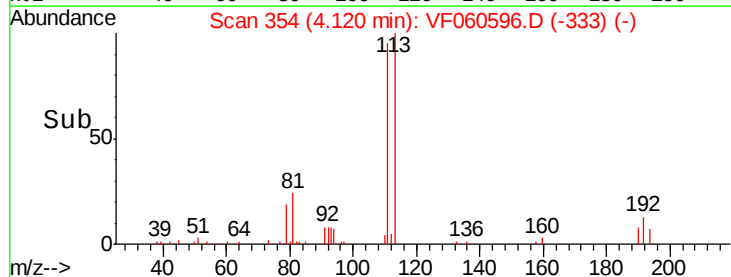
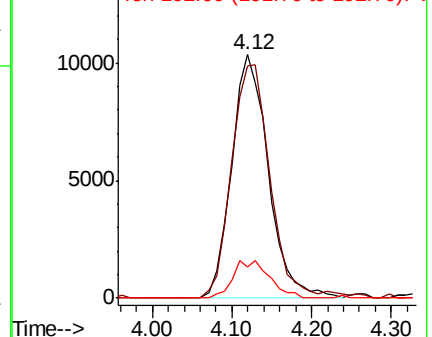
192 12.8 13.3 19.9#

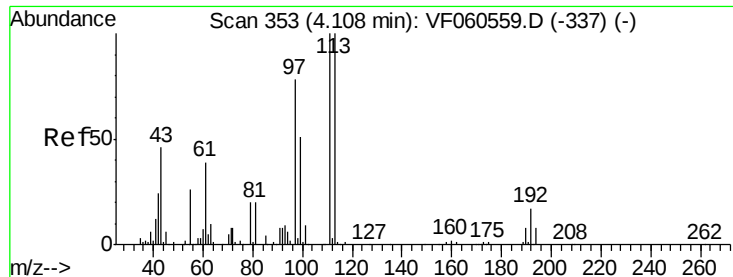


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

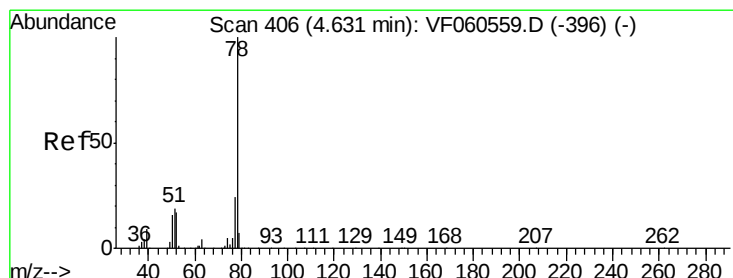
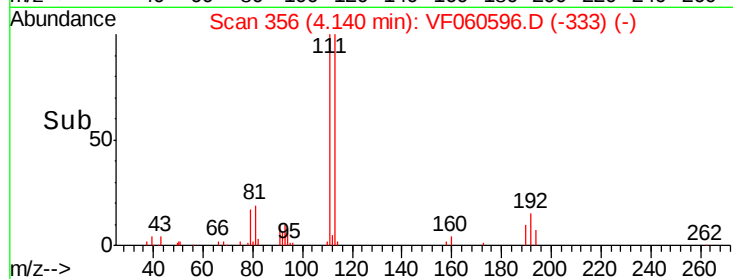
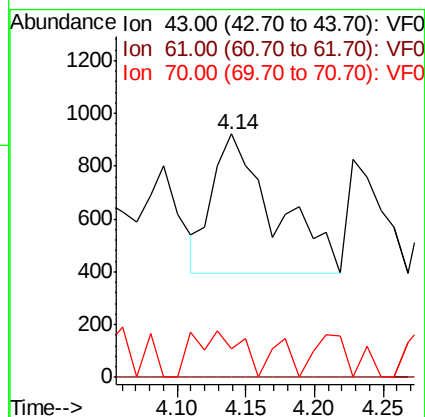
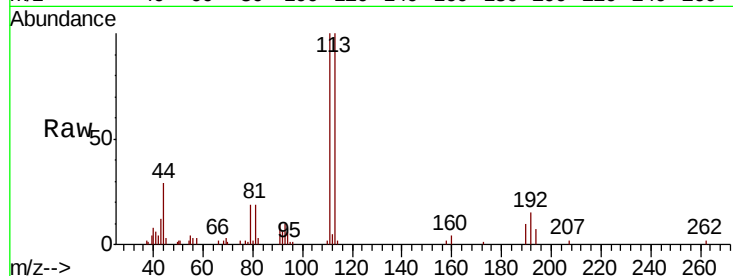




#37
Ethyl Acetate
Concen: 4.251 ug/l
RT: 4.14 min Scan# 356
Delta R.T. 0.03 min
Lab File: VF060596.D
Acq: 6 Nov 2018 5:45

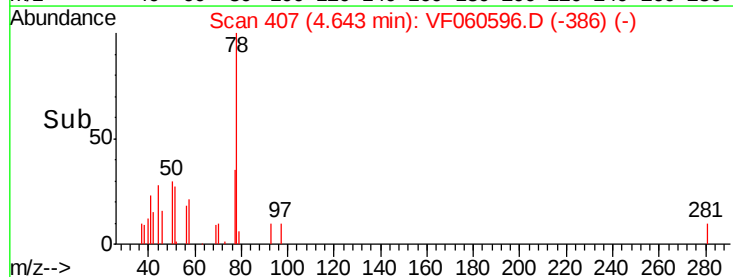
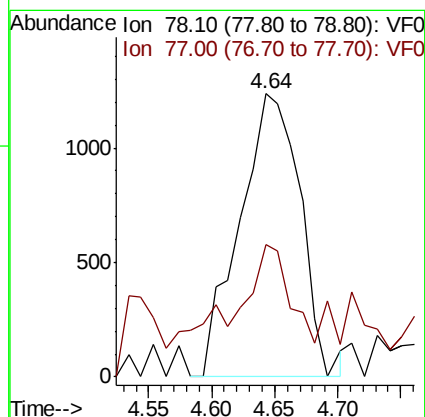
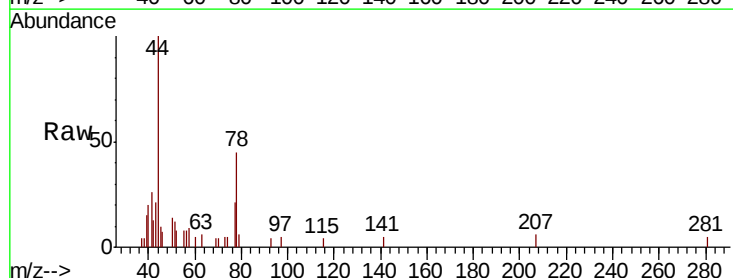
Instrument :
MSVOA_F
ClientSampleId :

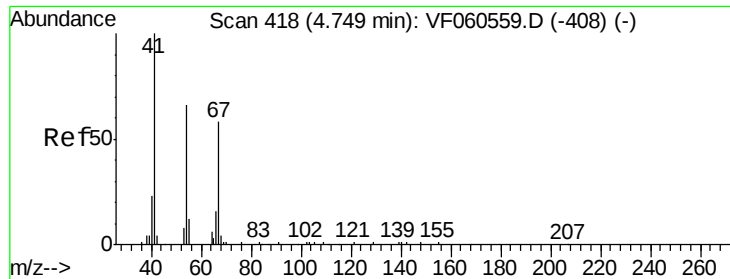
Tot Ion: 43 Resp: 1634
Ion Ratio Lower Upper
43 100
61 0.0 63.4 95.2#
70 11.6 9.3 13.9



#40
Benzene
Concen: 2.130 ug/l
RT: 4.64 min Scan# 407
Delta R.T. 0.01 min
Lab File: VF060596.D
Acq: 6 Nov 2018 5:45

Tgt Ion: 78 Resp: 4141
Ion Ratio Lower Upper
78 100
77 46.8 19.3 28.9#

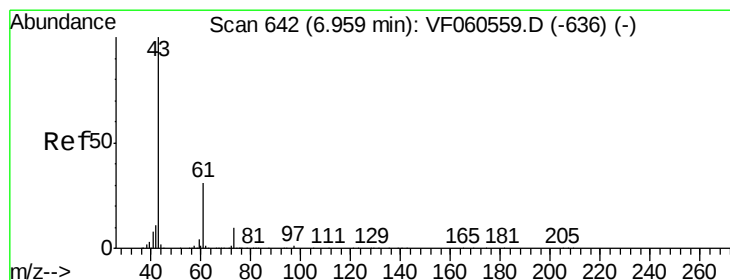
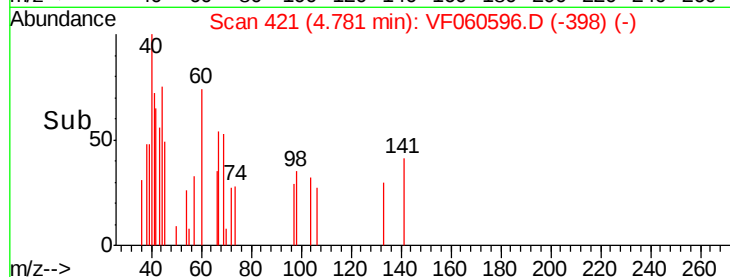
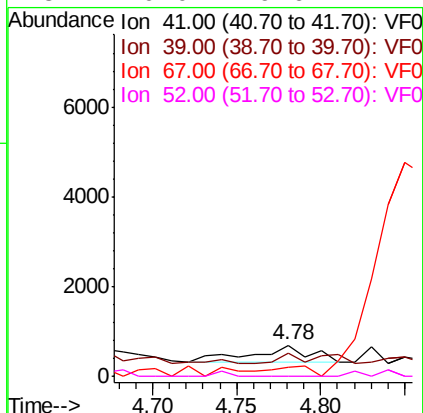
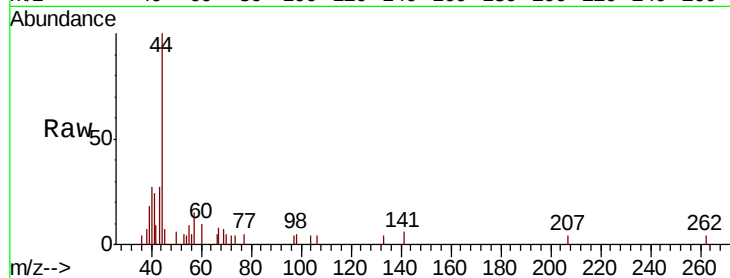




#41
Methacrylonitrile
Concen: 4.148 ug/l
RT: 4.78 min Scan# 421
Delta R.T. 0.03 min
Lab File: VF060596.D
Acq: 6 Nov 2018 5:45

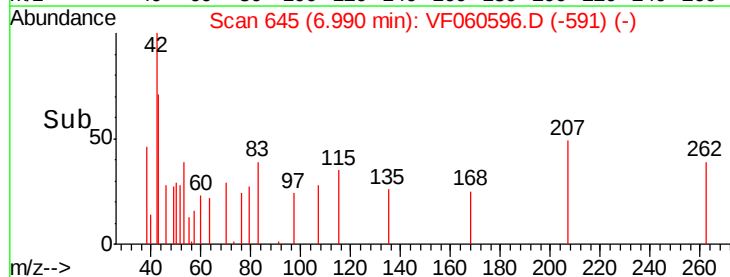
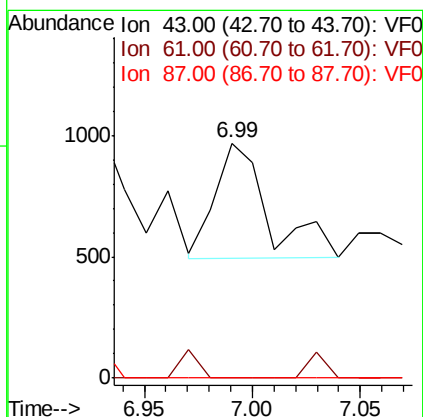
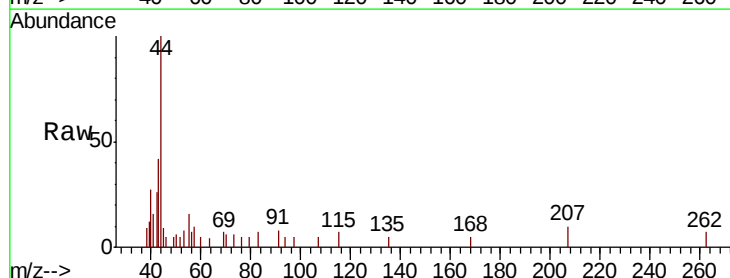
Instrument :
MSVOA_F
ClientSampleId :

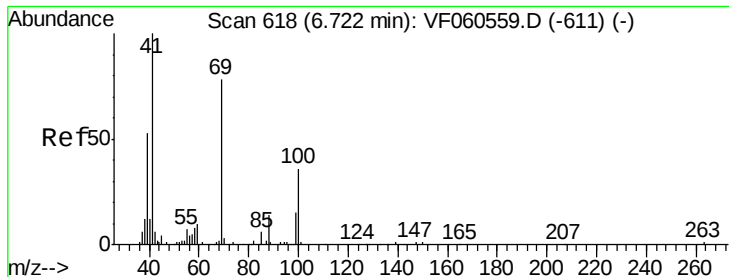
Tot Ion:	41	Resp:	903
Ion	Ratio	Lower	Upper
41	100		
39	74.8	45.6	68.4#
67	30.7	45.3	67.9#
52	0.0	29.6	44.4#



#43
Isopropyl Acetate
Concen: 1.674 ug/l
RT: 6.99 min Scan# 645
Delta R.T. 0.03 min
Lab File: VF060596.D
Acq: 6 Nov 2018 5:45

Tgt Ion:	43	Resp:	814
Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.2	36.2#
87	0.0	0.2	0.4#

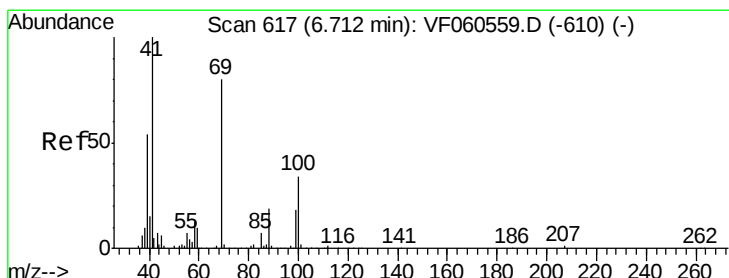
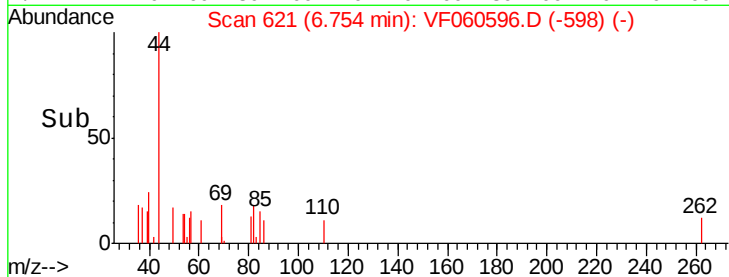
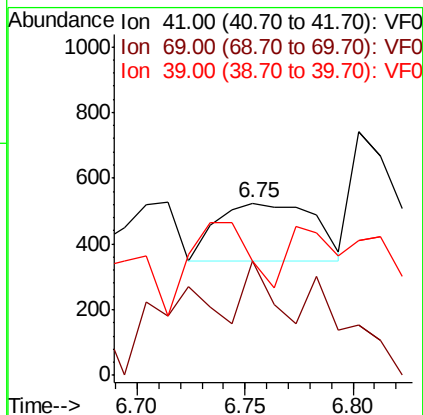
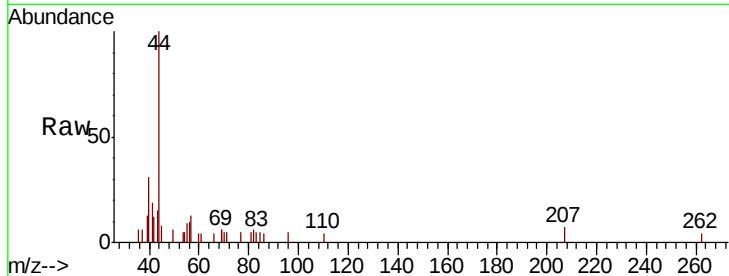




#48
Methyl methacrylate
Concen: 1.796 ug/l
RT: 6.75 min Scan# 621
Delta R.T. 0.03 min
Lab File: VF060596.D
Acq: 6 Nov 2018 5:45

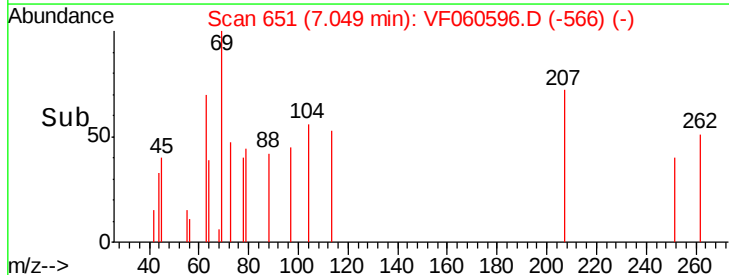
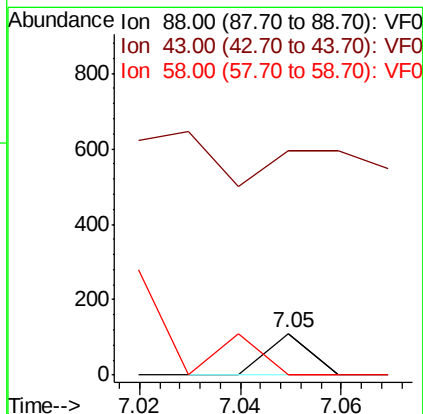
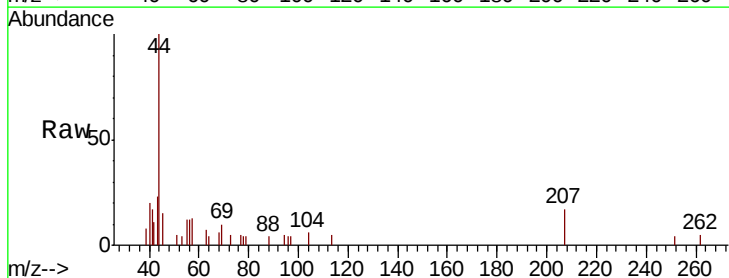
Instrument :
MSVOA_F
ClientSampled :

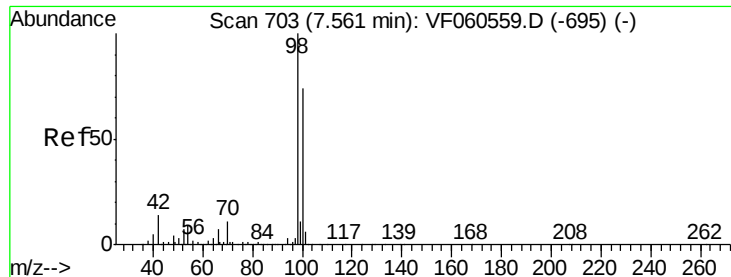
Tot Ion: 41 Resp: 549
Ion Ratio Lower Upper
41 100
69 66.5 61.1 91.7
39 66.1 43.0 64.6#



#49
1,4-Dioxane
Concen: 20.332 ug/l
RT: 7.05 min Scan# 651
Delta R.T. 0.34 min
Lab File: VF060596.D
Acq: 6 Nov 2018 5:45

Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 540.9 61.2 91.8#
58 0.0 56.9 85.3#





#50

Toluene-d8

Concen: 10.188 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.00 min

Lab File: VF060596.D

Acq: 6 Nov 2018 5:45

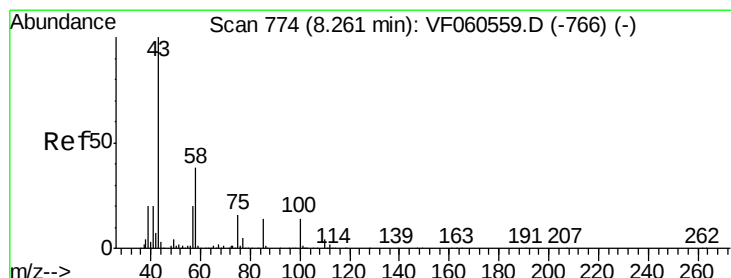
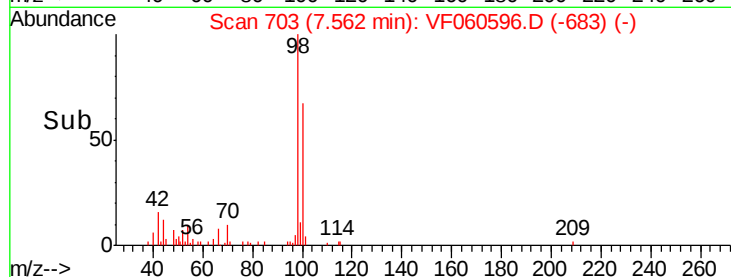
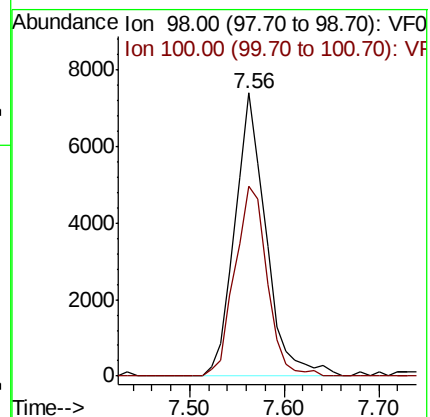
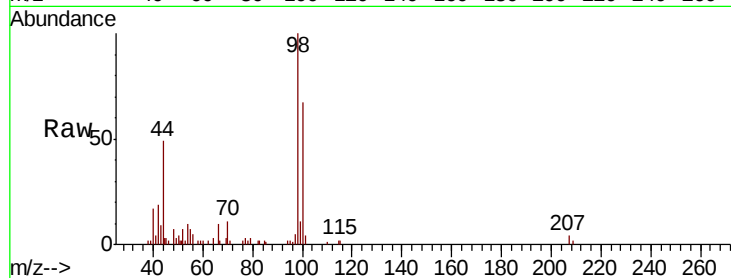
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 98 Resp: 16958

Ion Ratio Lower Upper

98 100

100 67.0 59.4 89.2



#51

4-Methyl-2-Pentanone

Concen: 9.707 ug/l

RT: 8.27 min Scan# 775

Delta R.T. 0.01 min

Lab File: VF060596.D

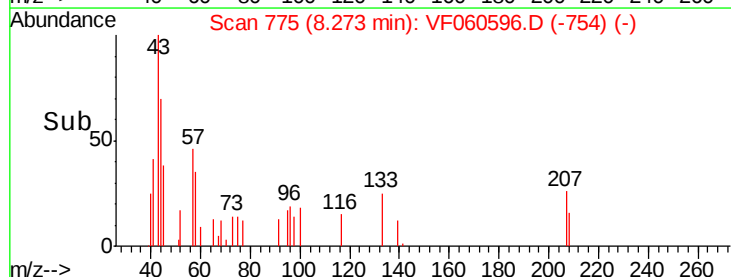
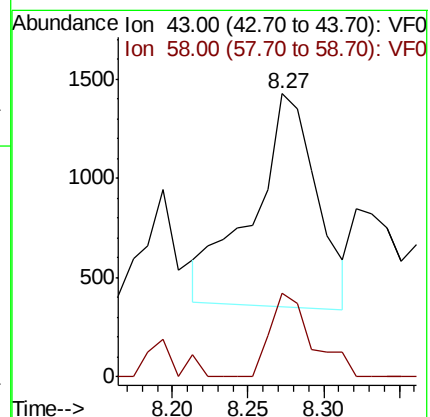
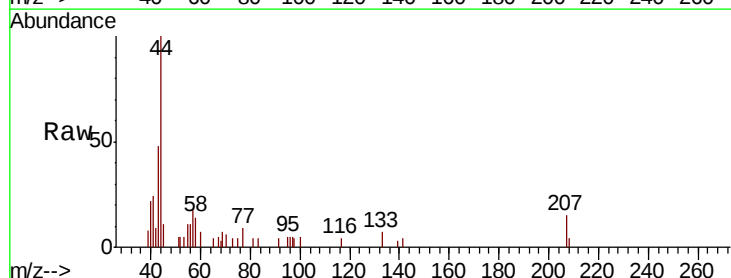
Acq: 6 Nov 2018 5:45

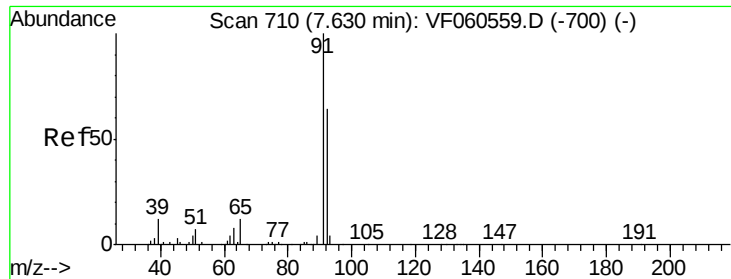
Tgt Ion: 43 Resp: 3174

Ion Ratio Lower Upper

43 100

58 29.5 30.1 45.1#





#52

Toluene

Concen: 22.358 ug/l

RT: 7.63 min Scan# 710

Delta R.T. 0.00 min

Lab File: VF060596.D

Acq: 6 Nov 2018 5:45

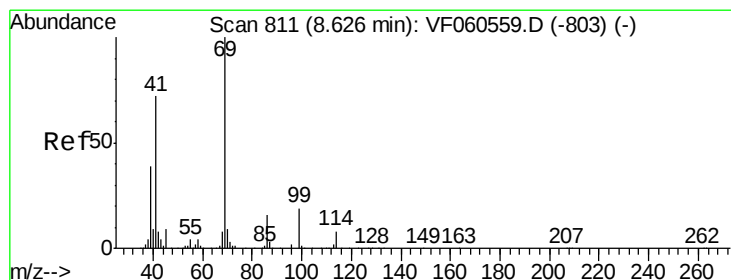
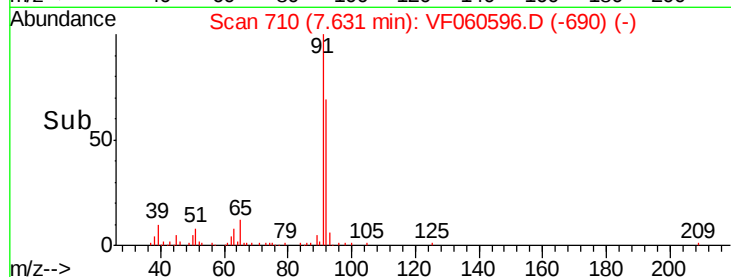
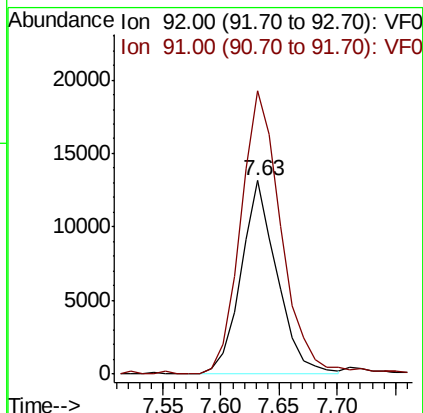
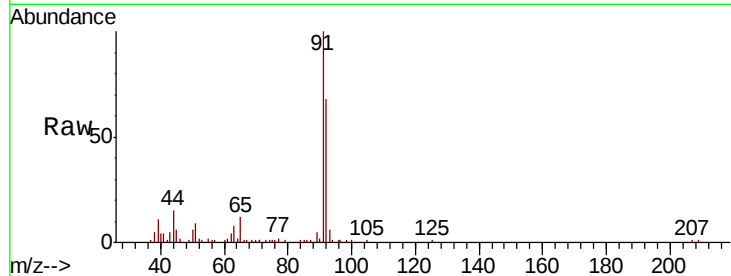
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 92 Resp: 28310

Ion Ratio Lower Upper

92 100

91 146.2 124.5 186.7



#56

Ethyl methacrylate

Concen: 1.628 ug/l

RT: 8.64 min Scan# 812

Delta R.T. 0.01 min

Lab File: VF060596.D

Acq: 6 Nov 2018 5:45

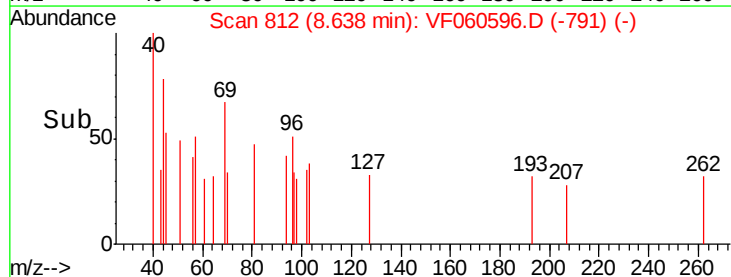
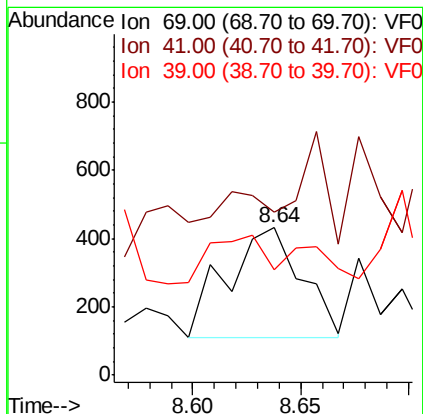
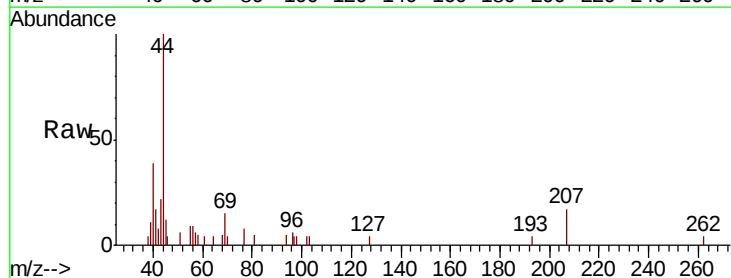
Tgt Ion: 69 Resp: 772

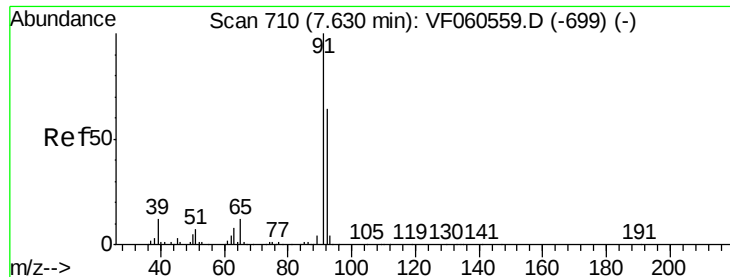
Ion Ratio Lower Upper

69 100

41 110.6 59.2 88.8#

39 71.3 32.3 48.5#

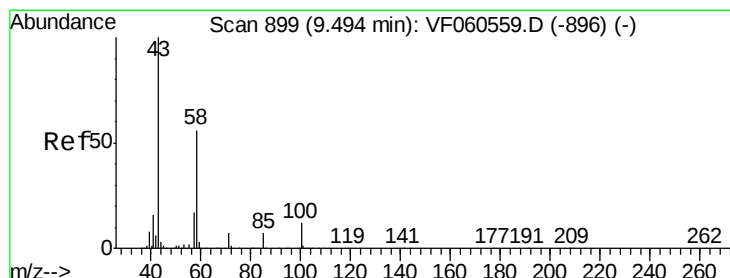
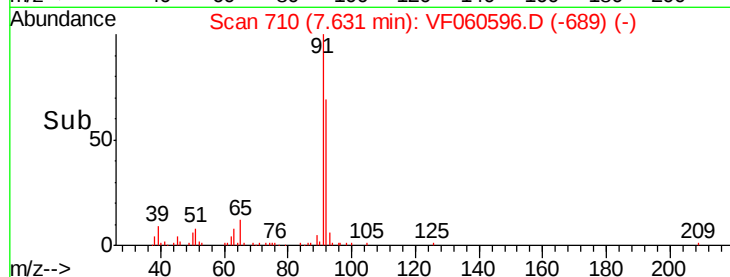
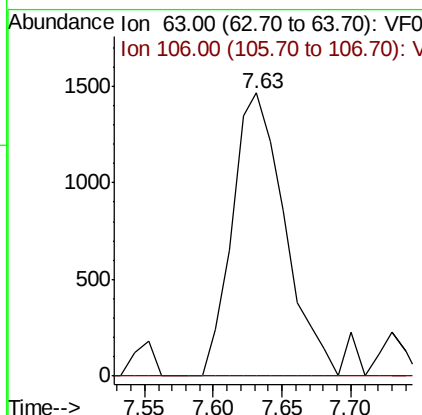
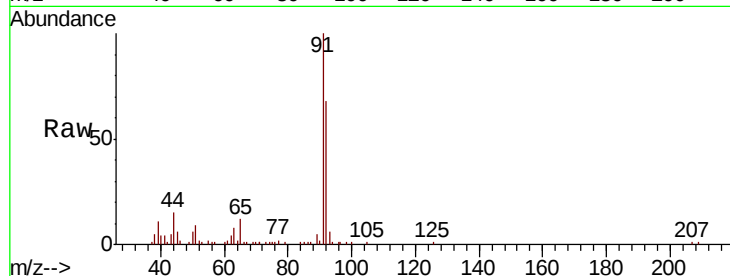




#58
 2-Chloroethyl Vinyl ether
 Concen: 116.767 ug/l
 RT: 7.63 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: VF060596.D
 Acq: 6 Nov 2018 5:45

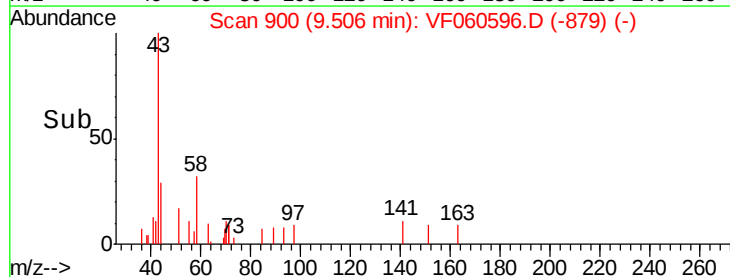
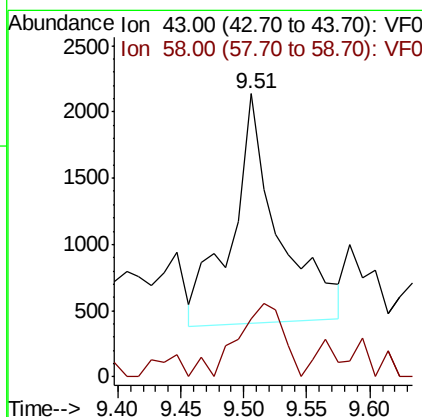
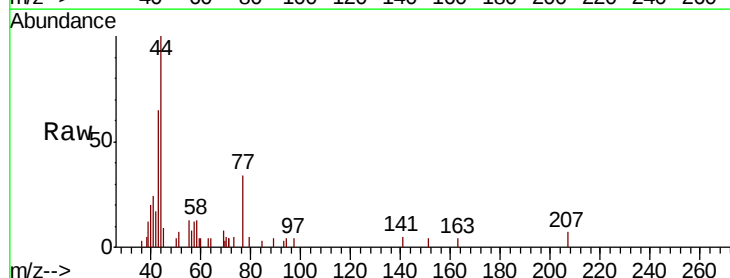
Instrument :
 MSVOA_F
 ClientSampleId :

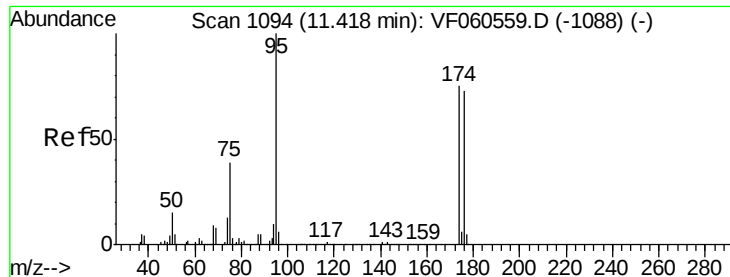
Tot Ion: 63 Resp: 3878
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#59
 2-Hexanone
 Concen: Below Cal
 RT: 9.51 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VF060596.D
 Acq: 6 Nov 2018 5:45

Tgt Ion: 43 Resp: 4460
 Ion Ratio Lower Upper
 43 100
 58 20.7 26.1 78.3#

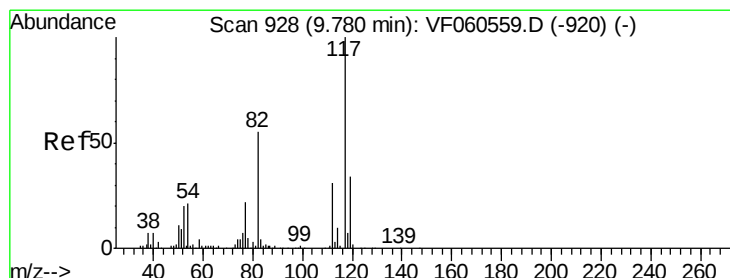
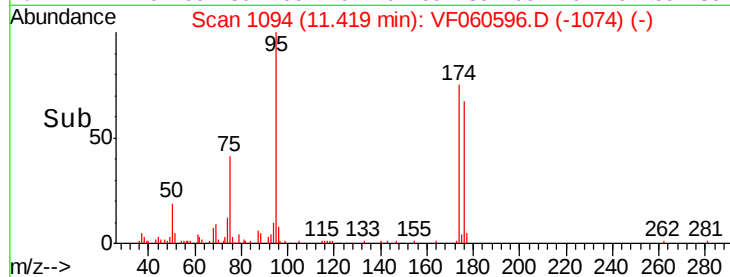
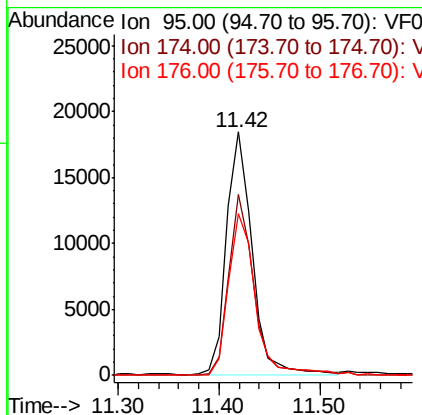
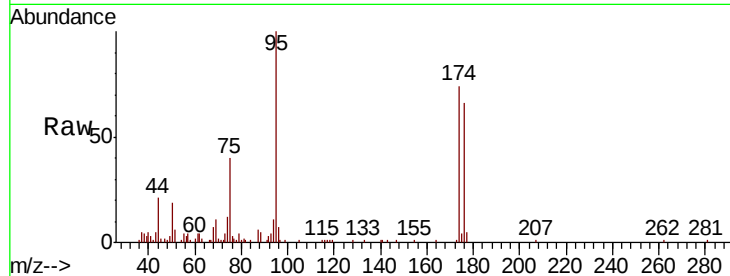




#62
4-Bromofluorobenzene
Concen: 45.275 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060596.D
Acq: 6 Nov 2018 5:45

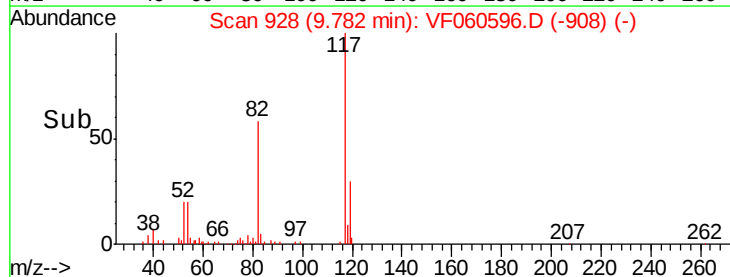
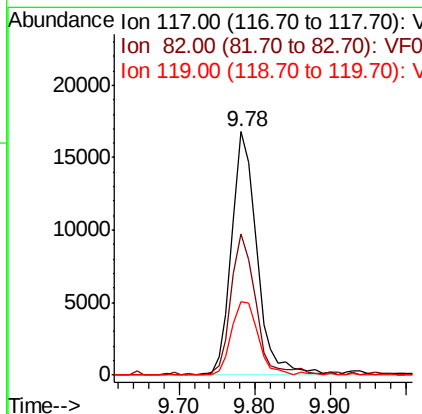
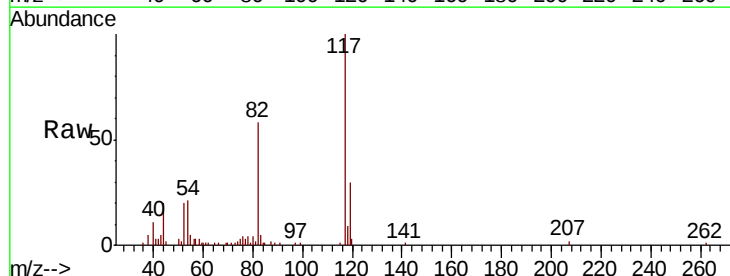
Instrument :
MSVOA_F
ClientSampleId :

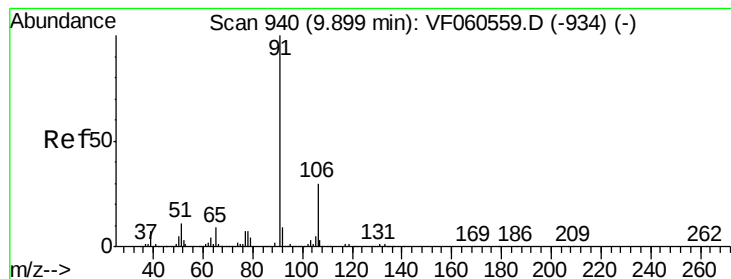
Tot Ion: 95 Resp: 32964
Ion Ratio Lower Upper
95 100
174 74.4 0.0 149.0
176 66.5 0.0 145.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060596.D
Acq: 6 Nov 2018 5:45

Tgt Ion: 117 Resp: 38954
Ion Ratio Lower Upper
117 100
82 58.1 43.9 65.9
119 30.0 27.4 41.0





#67

Ethyl Benzene

Concen: 8.514 ug/l

RT: 9.91 min Scan# 941

Delta R.T. 0.01 min

Lab File: VF060596.D

Acq: 6 Nov 2018 5:45

Instrument :

MSVOA_F

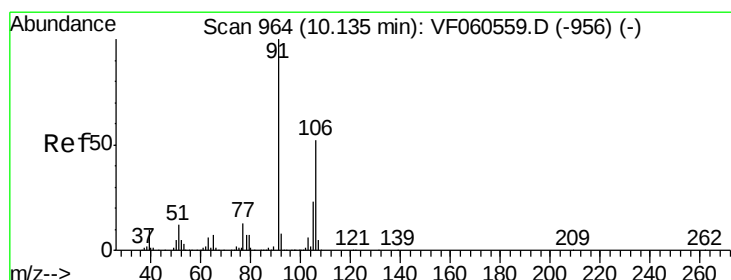
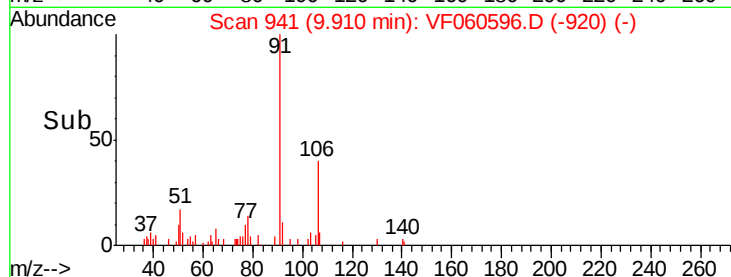
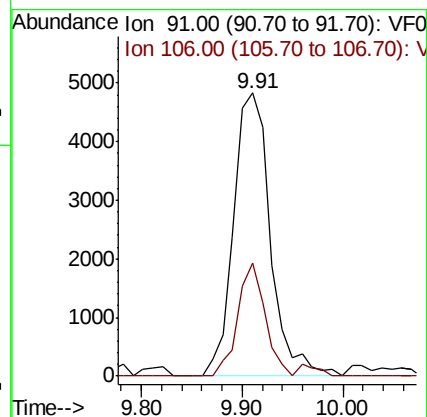
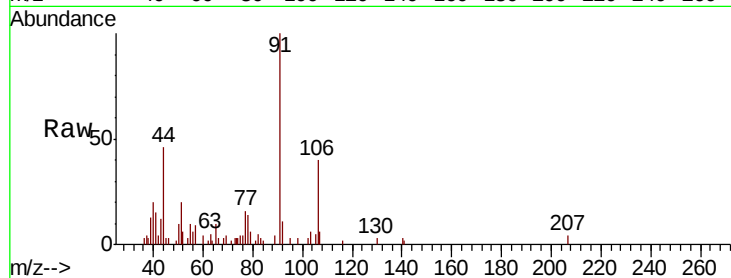
ClientSampled :

Tot Ion: 91 Resp: 12308

Ion Ratio Lower Upper

91 100

106 40.1 24.2 36.4#



#68

m/p-Xylenes

Concen: 40.576 ug/l

RT: 10.14 min Scan# 964

Delta R.T. 0.00 min

Lab File: VF060596.D

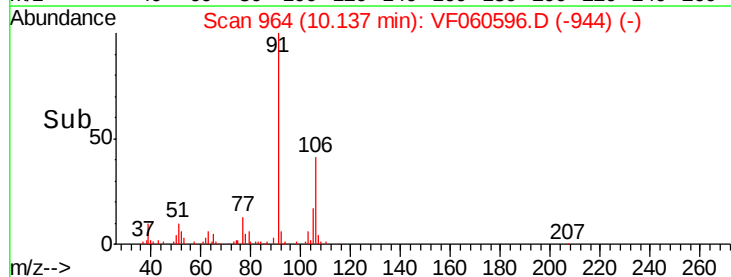
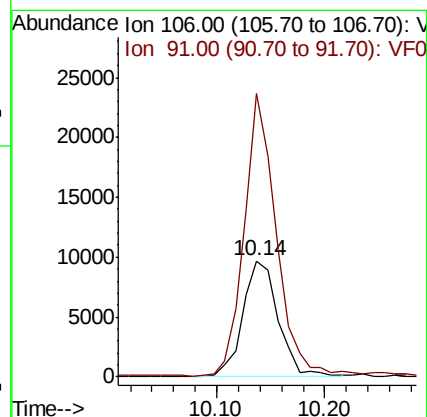
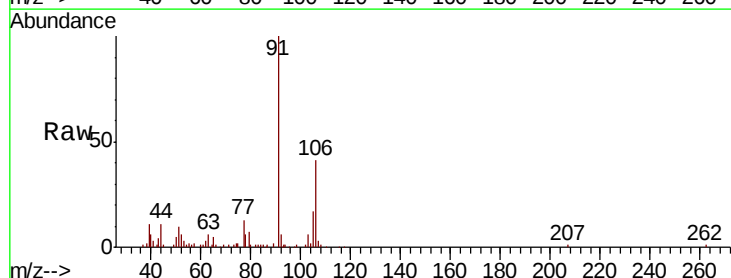
Acq: 6 Nov 2018 5:45

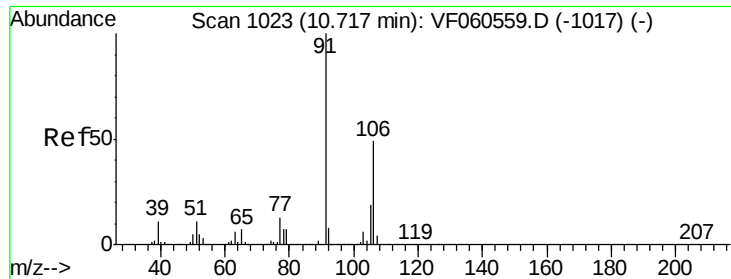
Tgt Ion:106 Resp: 22095

Ion Ratio Lower Upper

106 100

91 244.1 153.9 230.9#

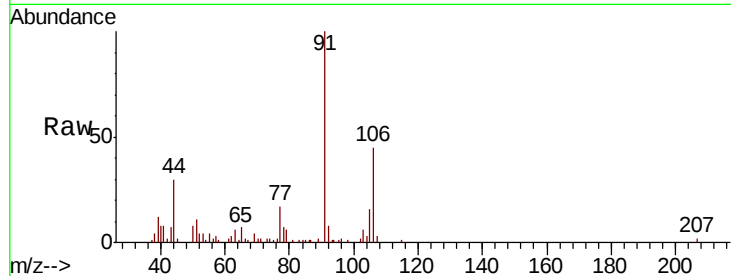




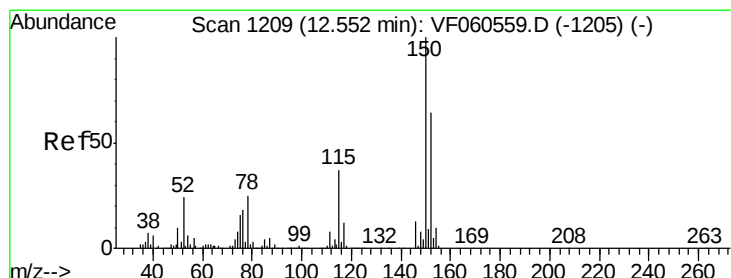
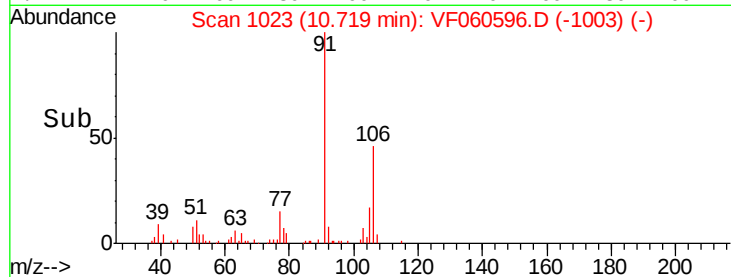
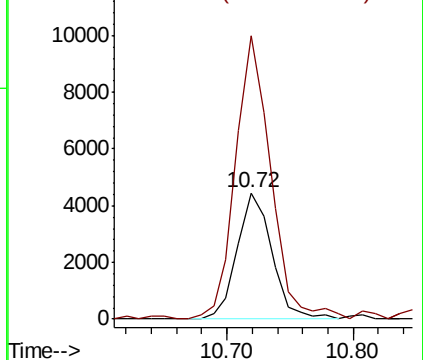
#69
o-Xylene
Concen: 14.390 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. 0.00 min
Lab File: VF060596.D
Acq: 6 Nov 2018 5:45

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:106 Resp: 8556
Ion Ratio Lower Upper
106 100
91 224.1 101.8 305.3

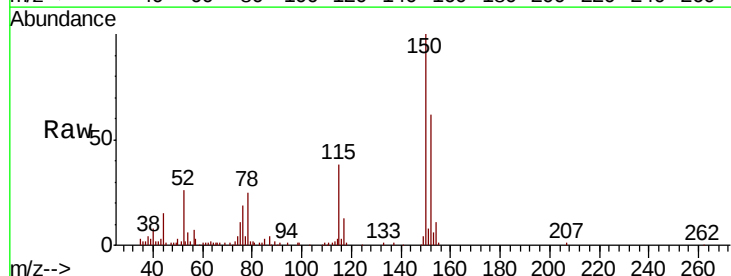


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

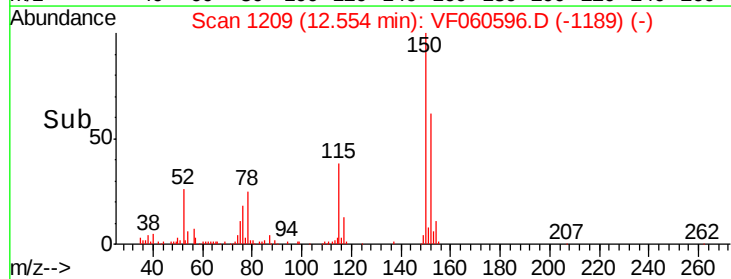
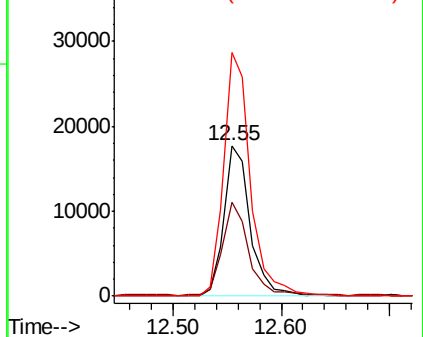


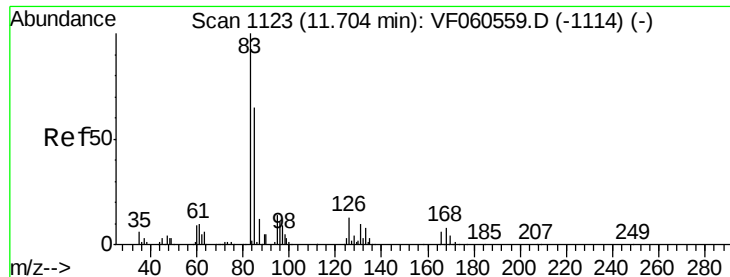
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060596.D
Acq: 6 Nov 2018 5:45

Tgt Ion:152 Resp: 29951
Ion Ratio Lower Upper
152 100
115 62.0 29.6 88.8
150 161.5 0.0 315.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 2.205 ug/l

RT: 11.71 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF060596.D

Acq: 6 Nov 2018 5:45

Instrument :

MSVOA_F

ClientSampleId :

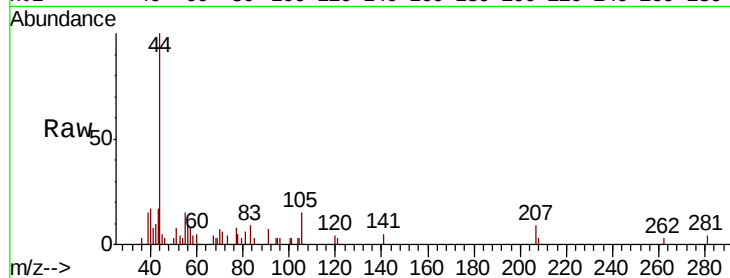
Tot Ion: 83 Resp: 940

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 30.1 32.9 98.7#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0

11.71

300

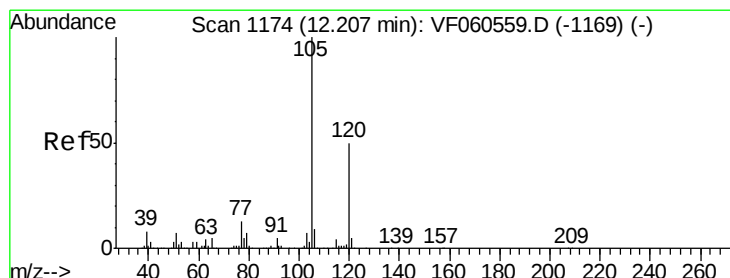
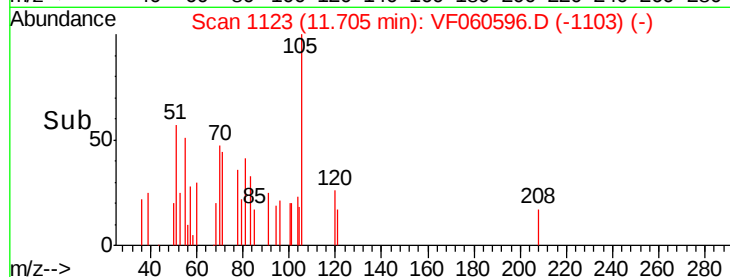
200

100

0

11.65 11.70 11.75

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 1.793 ug/l

RT: 12.21 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VF060596.D

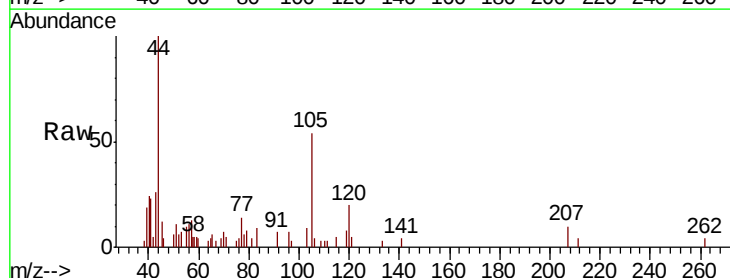
Acq: 6 Nov 2018 5:45

Tgt Ion: 105 Resp: 3381

Ion Ratio Lower Upper

105 100

120 37.7 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000

1500

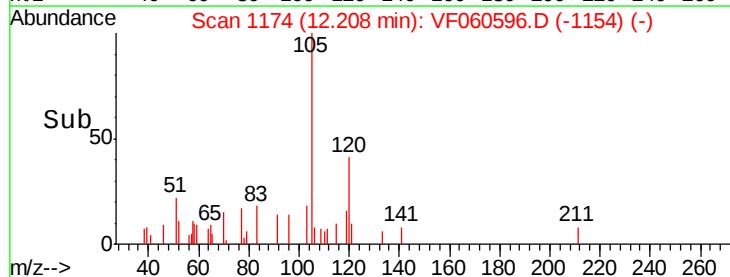
1000

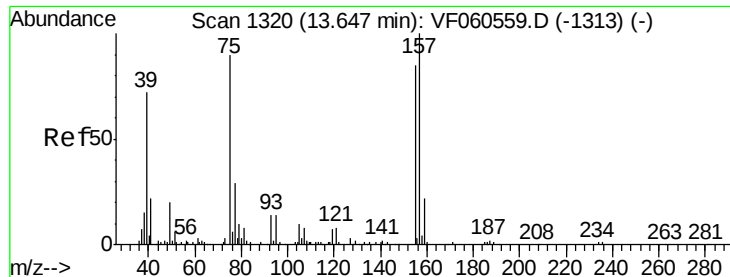
500

0

12.15 12.20 12.25

Time-->

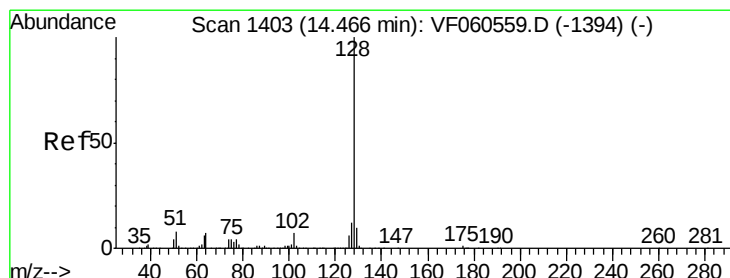
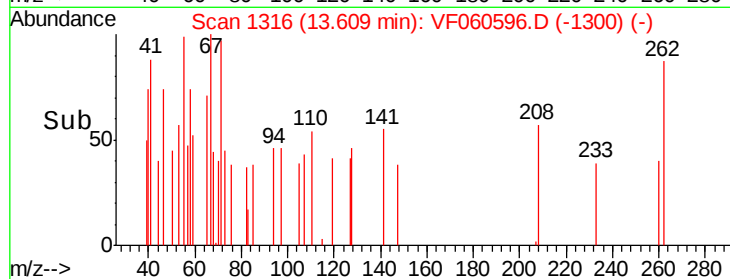
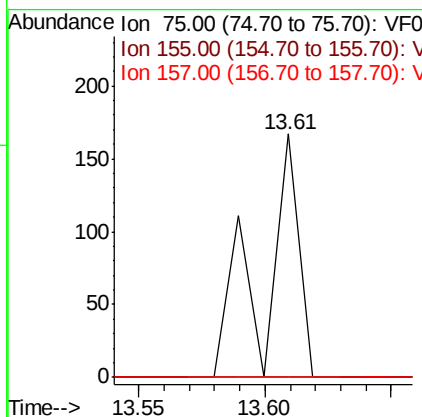
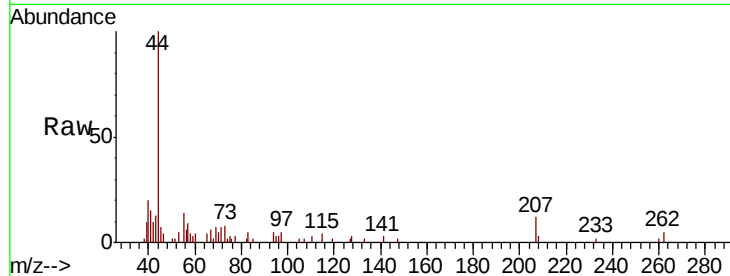




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.228 ug/l
 RT: 13.61 min Scan# 1316
 Delta R.T. -0.04 min
 Lab File: VF060596.D
 Acq: 6 Nov 2018 5:45

Instrument :
 MSVOA_F
 ClientSampled :

Tot Ion: 75 Resp: 165
 Ion Ratio Lower Upper
 75 100
 155 0.0 47.3 141.8#
 157 0.0 55.3 165.9#



#95
 Naphthalene
 Concen: 1.776 ug/l
 RT: 14.46 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: VF060596.D
 Acq: 6 Nov 2018 5:45

Tgt Ion:128 Resp: 2266
 Ion Ratio Lower Upper
 128 100
 127 11.1 9.4 14.0
 129 14.7 8.4 12.6#

