

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
 Data File : VF061167.D
 Acq On : 24 Dec 2018 16:10
 Operator : VA/AP
 Sample : J6511-06RE
 Misc : 4.05µ/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Dec 24 23:48:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	9299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	11622	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	3890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	70	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	3017	25.23	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	50.46%	
35) Dibromofluoromethane	4.12	113	4508	48.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.84%	
50) Toluene-d8	7.56	98	9704	36.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	73.56%	
62) 4-Bromofluorobenzene	11.41	95	623	5.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	10.24%	

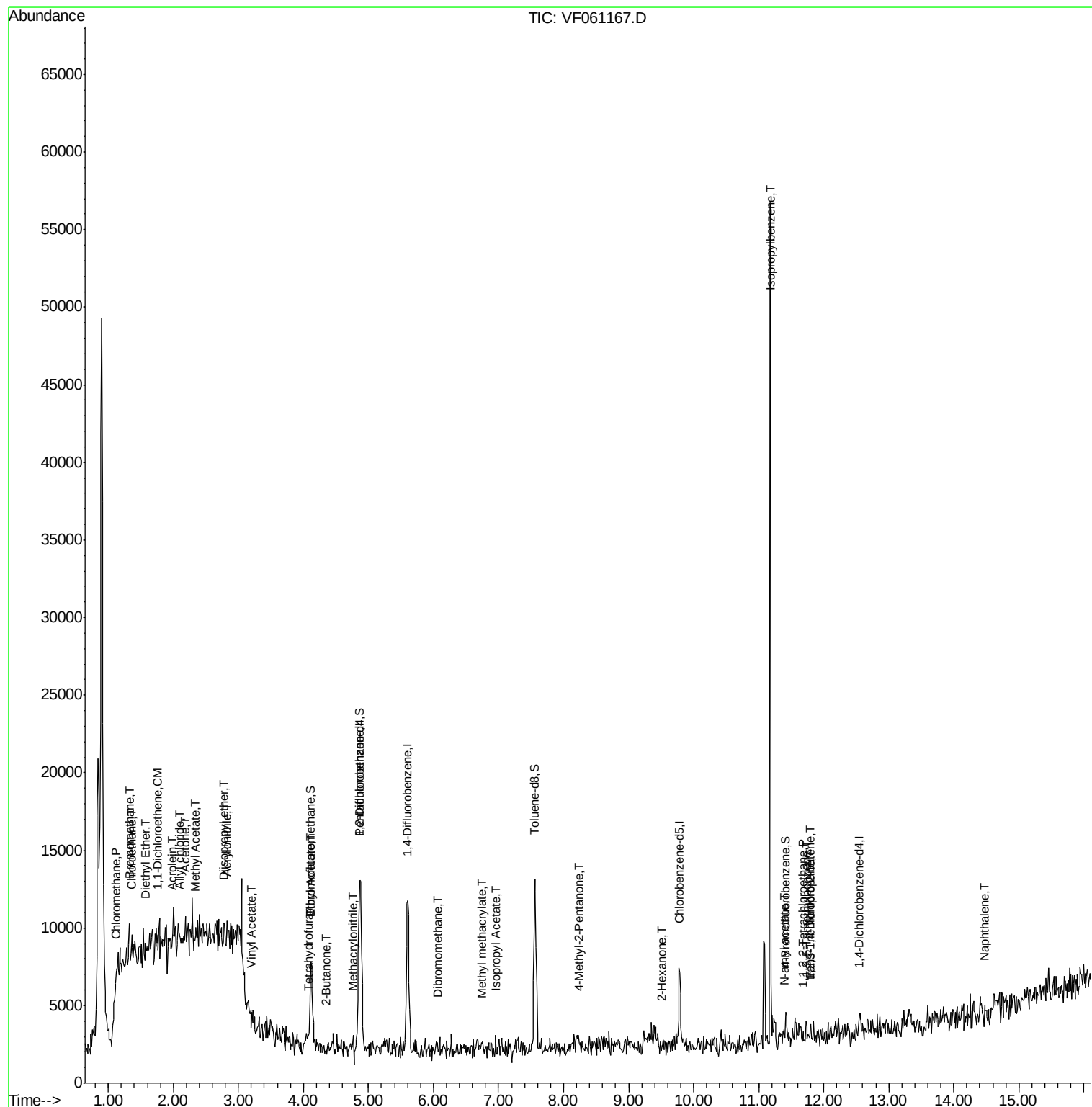
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.11	50	185	1.562	ug/l #	42
5) Bromomethane	1.32	94	787	10.330	ug/l #	3
6) Chloroethane	1.36	64	75	1.482	ug/l #	36
8) Diethyl Ether	1.58	74	159	5.536	ug/l	97
12) 1,1-Dichloroethene	1.76	96	83	1.013	ug/l #	17
13) Acrolein	1.98	56	1018	291.897	ug/l	91
14) Allyl chloride	2.10	41	208	2.438	ug/l #	29
15) Acrylonitrile	2.82	53	415	37.185	ug/l	92
16) Acetone	2.17	43	625	26.140	ug/l	94
18) Methyl Acetate	2.33	43	670	13.544	ug/l #	66
20) Methylene Chloride	2.32	84	63	Below Cal	#	1
22) Diisopropyl ether	2.76	45	733	2.580	ug/l #	1
23) Vinyl Acetate	3.21	43	506	3.860	ug/l #	78
25) 2-Butanone	4.34	43	75	1.934	ug/l #	57
29) Tetrahydrofuran	4.07	42	204	12.926	ug/l #	37
37) Ethyl Acetate	4.12	43	436	6.820	ug/l #	21
41) Methacrylonitrile	4.77	41	126	4.253	ug/l #	27
43) Isopropyl Acetate	6.95	43	273	4.030	ug/l #	45
46) Dibromomethane	6.07	93	66	1.240	ug/l #	5
48) Methyl methacrylate	6.74	41	116	2.453	ug/l #	38
51) 4-Methyl-2-Pentanone	8.23	43	388	8.352	ug/l #	38
59) 2-Hexanone	9.51	43	294	8.751	ug/l #	27
73) Isopropylbenzene	11.18	105	82	13.594	ug/l #	49
74) N-ethyl acetate	11.39	43	150	112.002	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.67	83	60	59.930	ug/l #	23
76) 1,2,3-Trichloropropane	11.80	75	61	81.873	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.73	105	66	13.287	ug/l #	27
81) trans-1,4-Dichloro-2-buten	11.80	75	61	190.530	ug/l #	11
95) Naphthalene	14.47	128	82	27.276	ug/l #	70

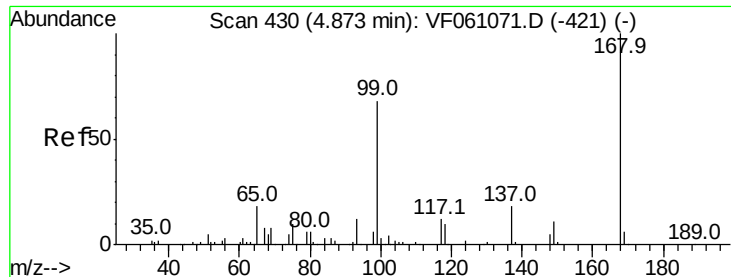
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

Instrument :

MSVOA_F

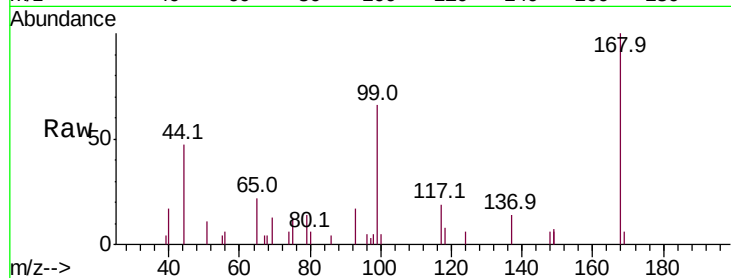
ClientSampleId :

Tot Ion:168 Resp: 9299

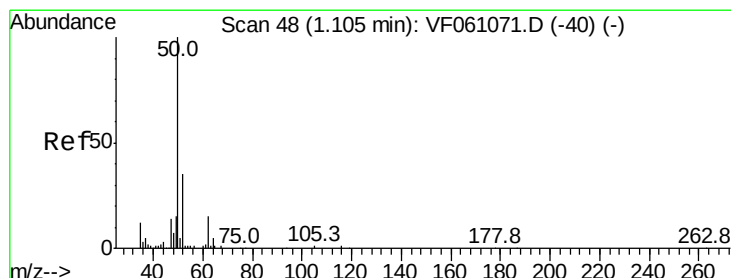
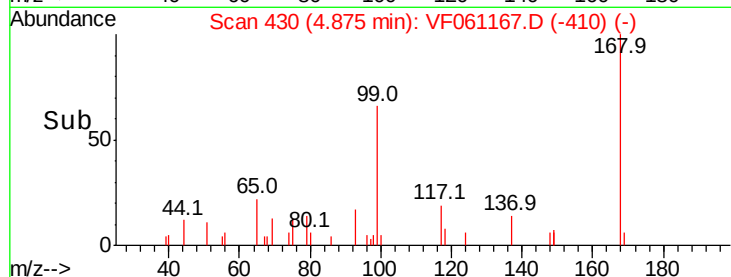
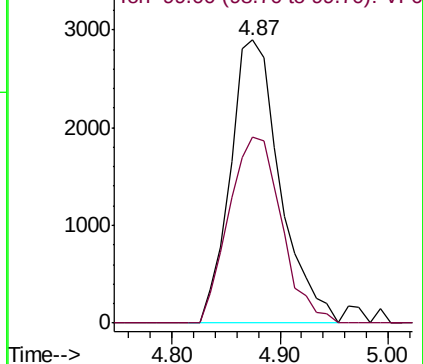
Ion Ratio Lower Upper

168 100

99 65.7 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0



#3

Chloromethane

Concen: 1.562 ug/l

RT: 1.11 min Scan# 48

Delta R.T. 0.00 min

Lab File: VF061167.D

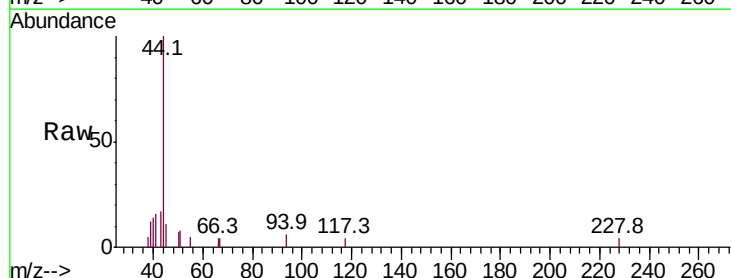
Acq: 24 Dec 2018 16:10

Tgt Ion: 50 Resp: 185

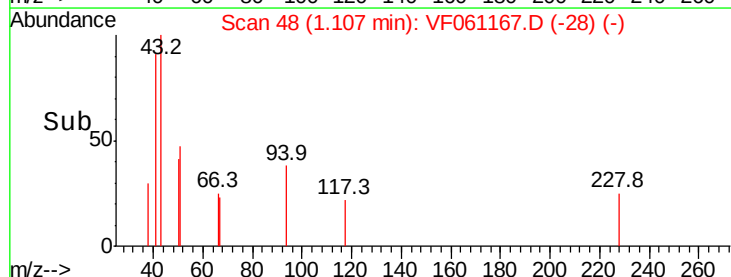
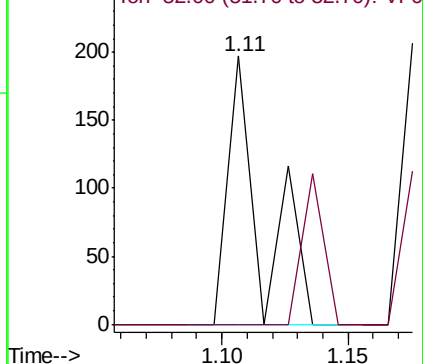
Ion Ratio Lower Upper

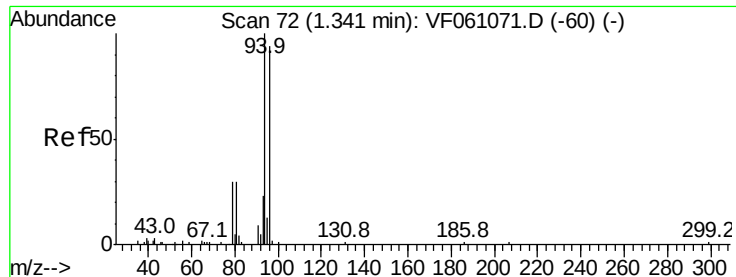
50 100

52 0.0 26.3 39.5#



Abundance Ion 50.00 (49.70 to 50.70): VF0





#5

Bromomethane

Concen: 10.330 ug/l

RT: 1.32 min Scan# 70

Delta R.T. -0.02 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

Instrument :

MSVOA_F

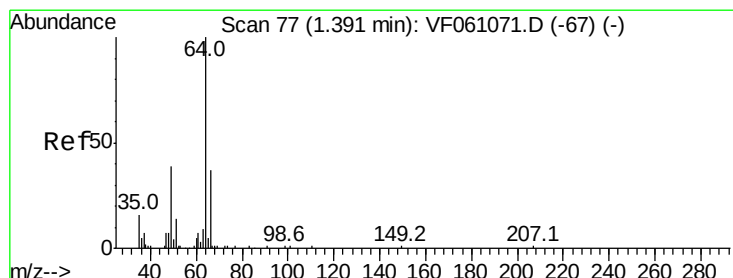
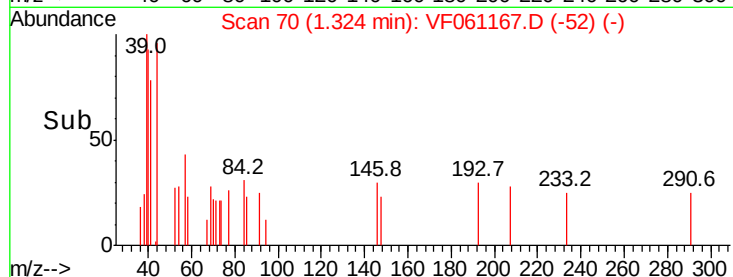
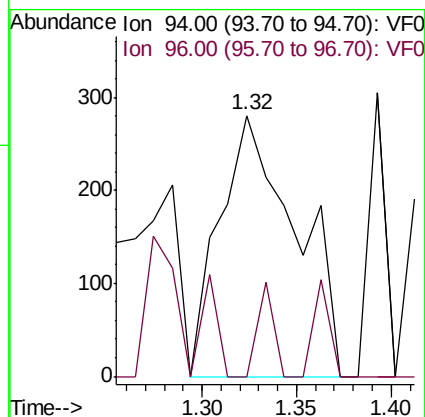
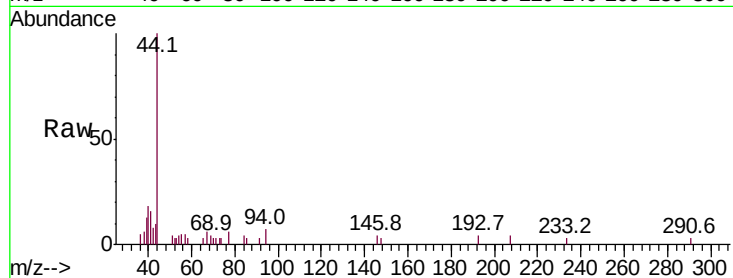
ClientSampleId :

Tot Ion: 94 Resp: 787

Ion Ratio Lower Upper

94 100

96 0.0 74.4 111.6#



#6

Chloroethane

Concen: 1.482 ug/l

RT: 1.36 min Scan# 74

Delta R.T. -0.03 min

Lab File: VF061167.D

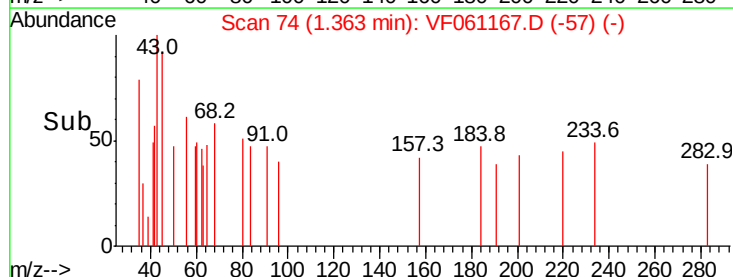
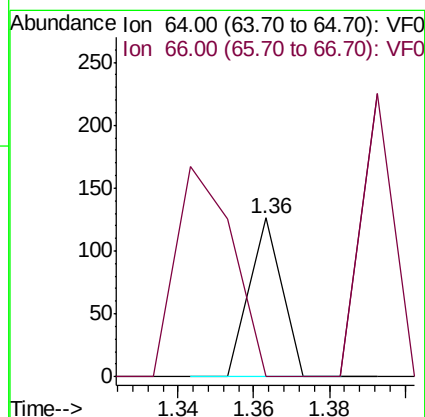
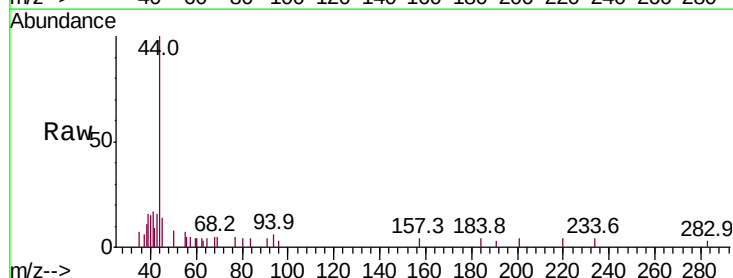
Acq: 24 Dec 2018 16:10

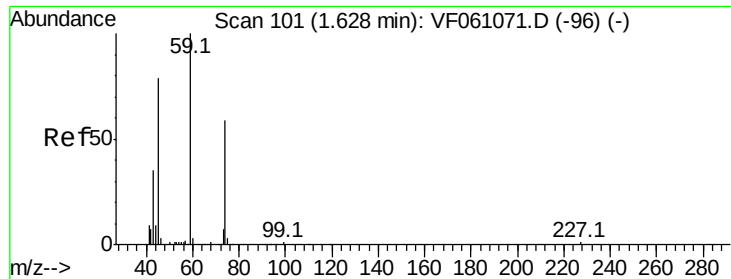
Tgt Ion: 64 Resp: 75

Ion Ratio Lower Upper

64 100

66 0.0 30.9 46.3#





#8

Diethyl Ether

Concen: 5.536 ug/l

RT: 1.58 min Scan# 96

Delta R.T. -0.05 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

Instrument :

MSVOA_F

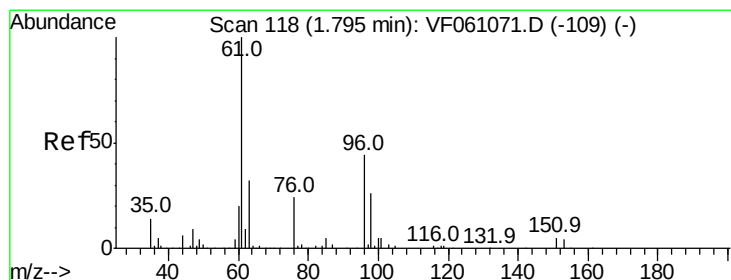
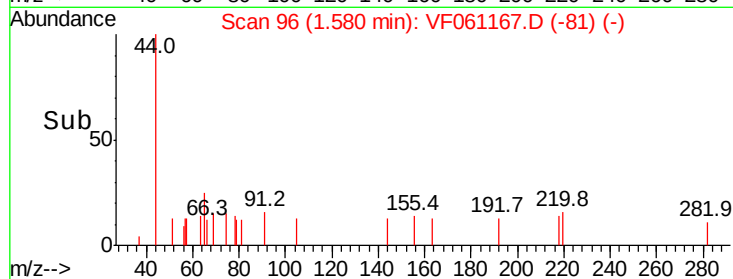
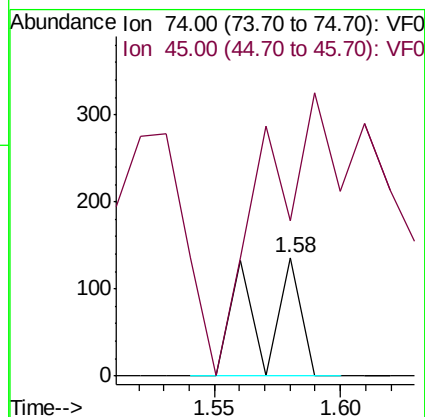
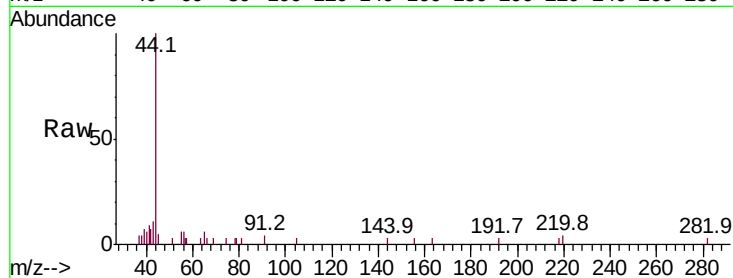
ClientSampleId :

Tot Ion: 74 Resp: 159

Ion Ratio Lower Upper

74 100

45 131.6 67.8 203.4



#12

1,1-Dichloroethene

Concen: 1.013 ug/l

RT: 1.76 min Scan# 114

Delta R.T. -0.04 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

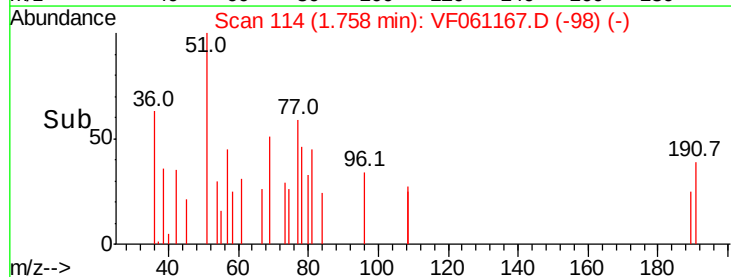
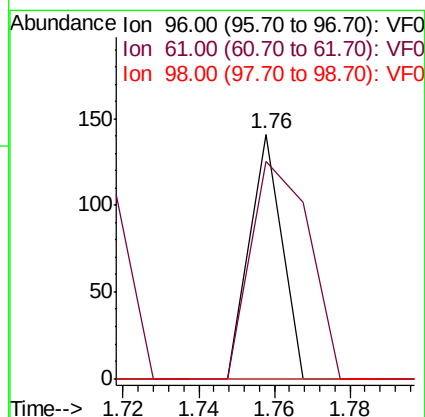
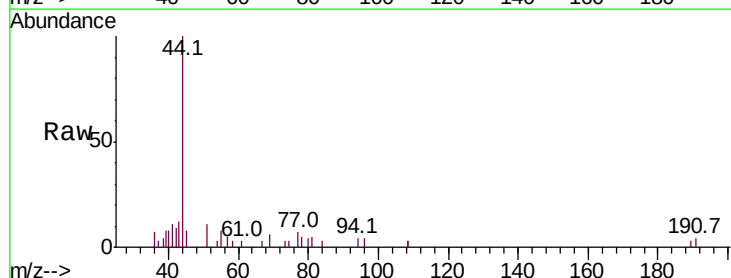
Tgt Ion: 96 Resp: 83

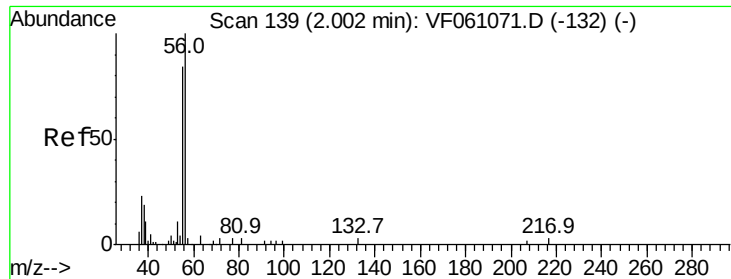
Ion Ratio Lower Upper

96 100

61 88.7 182.0 273.0#

98 0.0 46.5 69.7#





#13

Acrolein

Concen: 291.897 ug/l

RT: 1.98 min Scan# 137

Delta R.T. -0.02 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

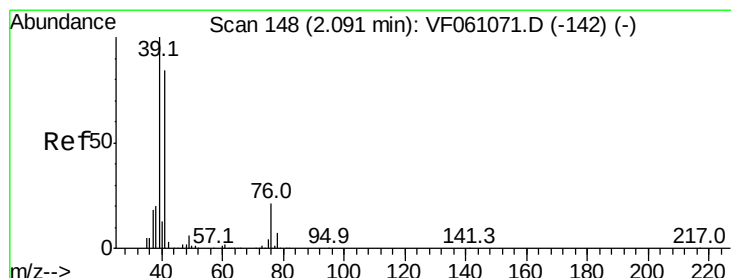
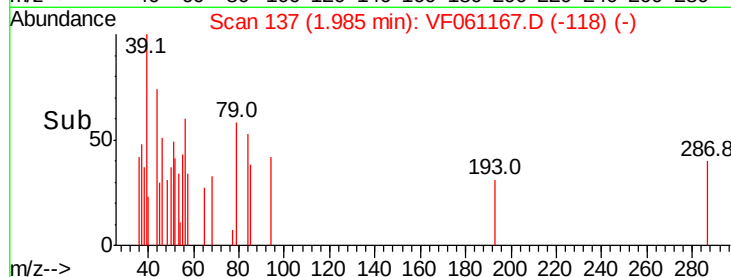
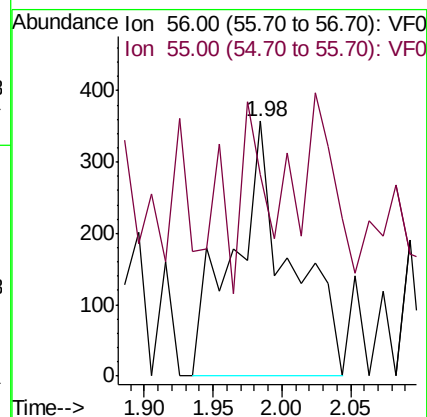
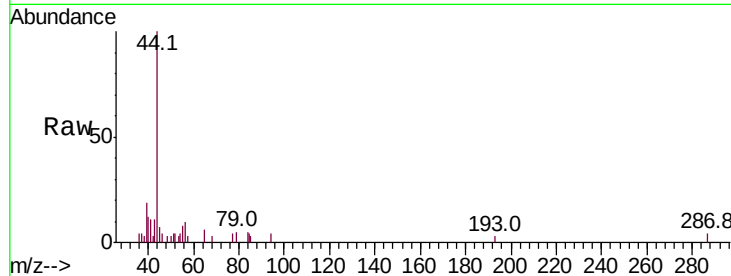
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 56 Resp: 1018

Ion Ratio Lower Upper

56 100

55 79.0 70.2 105.2



#14

Allyl chloride

Concen: 2.438 ug/l

RT: 2.10 min Scan# 149

Delta R.T. 0.01 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

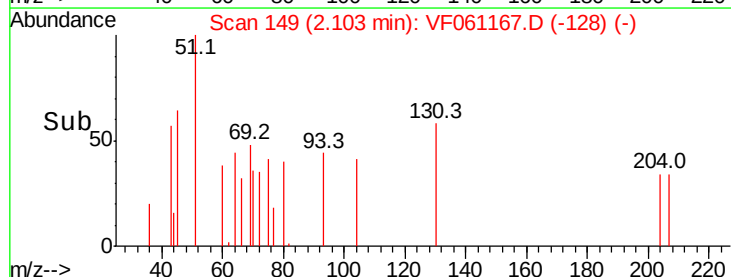
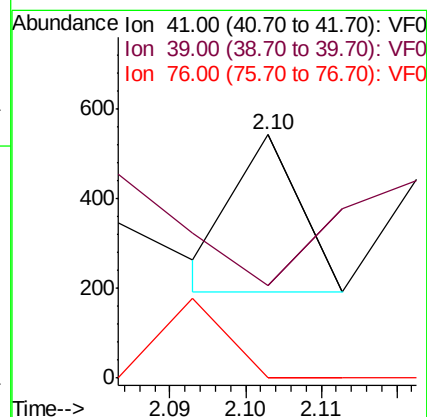
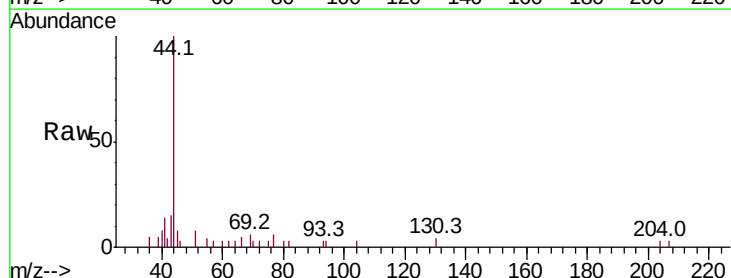
Tgt Ion: 41 Resp: 208

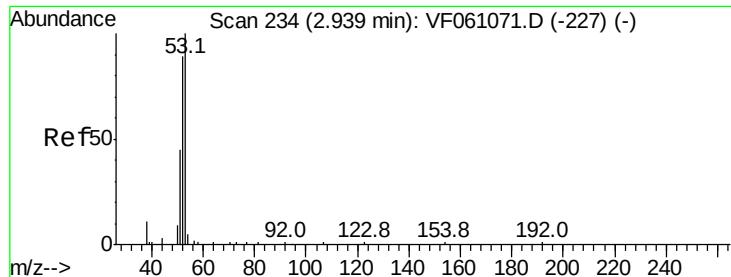
Ion Ratio Lower Upper

41 100

39 37.9 96.4 144.6#

76 0.0 25.4 38.0#





#15

Acrylonitrile

Concen: 37.185 ug/l

RT: 2.82 min Scan# 222

Delta R.T. -0.12 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

Instrument :
MSVOA_F
ClientSampleId :

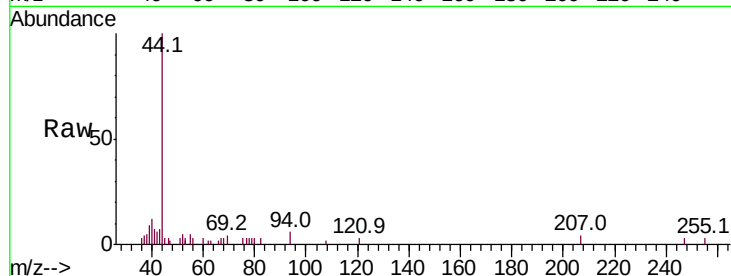
Tot Ion: 53 Resp: 415

Ion Ratio Lower Upper

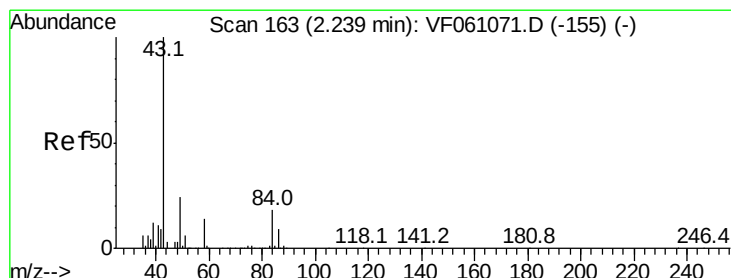
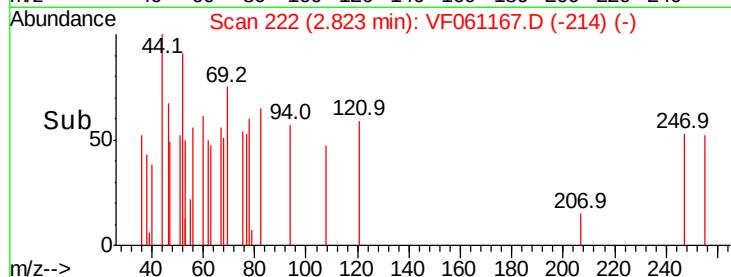
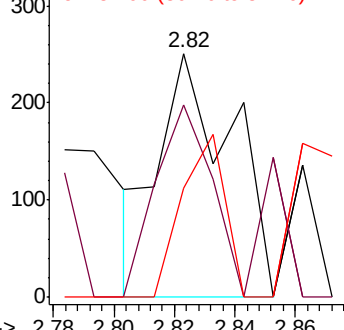
53 100

52 78.9 71.3 106.9

51 44.6 36.8 55.2



Abundance Ion 53.00 (52.70 to 53.70): VF0
Ion 52.00 (51.70 to 52.70): VF0
Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 26.140 ug/l

RT: 2.17 min Scan# 156

Delta R.T. -0.07 min

Lab File: VF061167.D

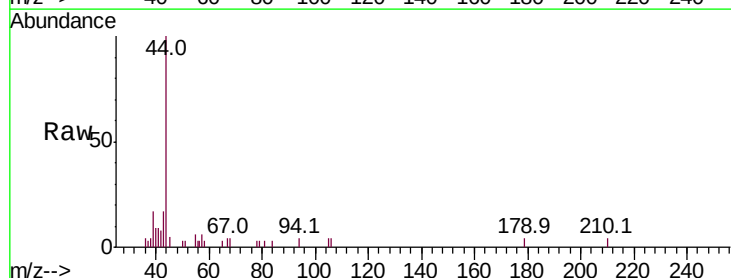
Acq: 24 Dec 2018 16:10

Tgt Ion: 43 Resp: 625

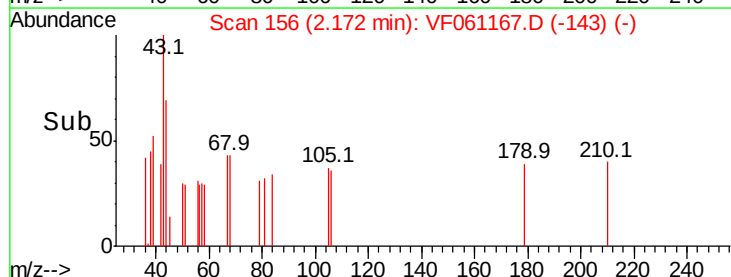
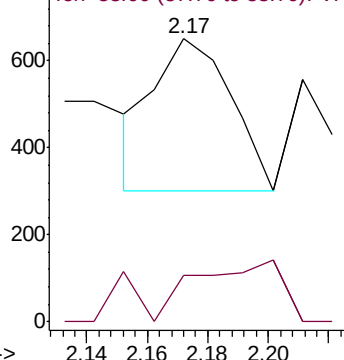
Ion Ratio Lower Upper

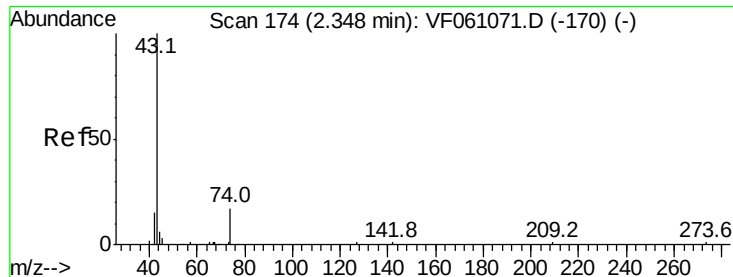
43 100

58 16.4 11.1 16.7



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

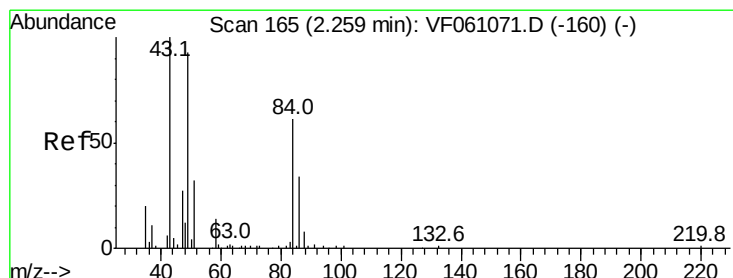
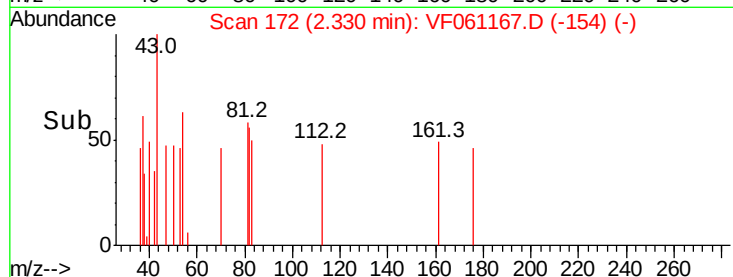
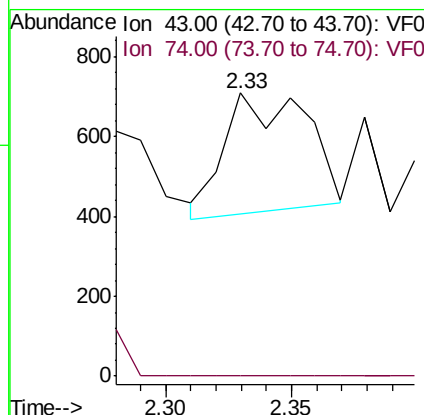
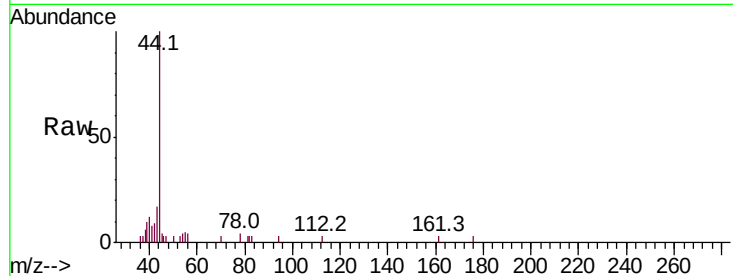




#18
Methyl Acetate
Concen: 13.544 ug/l
RT: 2.33 min Scan# 172
Delta R.T. -0.02 min
Lab File: VF061167.D
Acq: 24 Dec 2018 16:10

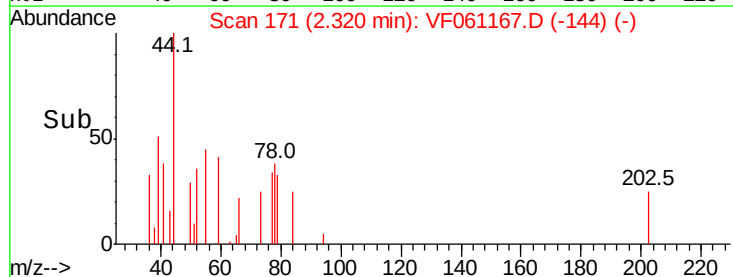
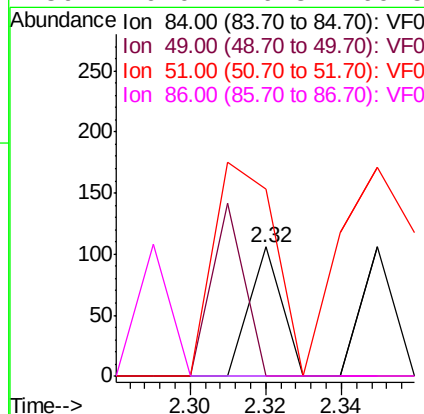
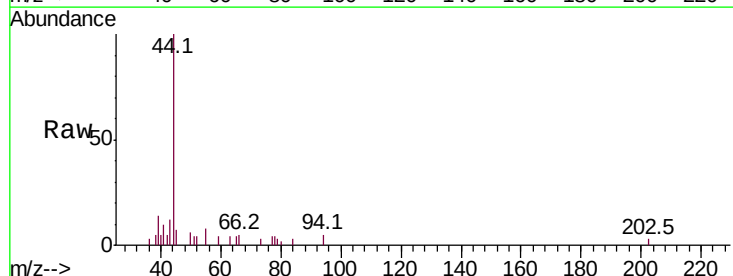
Instrument :
MSVOA_F
ClientSampleId :

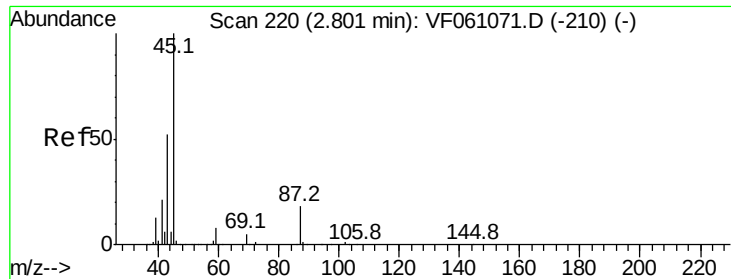
Tot Ion: 43 Resp: 670
Ion Ratio Lower Upper
43 100
74 0.0 11.0 16.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.32 min Scan# 171
Delta R.T. 0.06 min
Lab File: VF061167.D
Acq: 24 Dec 2018 16:10

Tgt Ion: 84 Resp: 63
Ion Ratio Lower Upper
84 100
49 0.0 129.4 194.2#
51 144.3 44.0 66.0#
86 0.0 46.3 69.5#





#22

Diisopropyl ether

Concen: 2.580 ug/l

RT: 2.76 min Scan# 216

Delta R.T. -0.04 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion: 45 Resp: 733

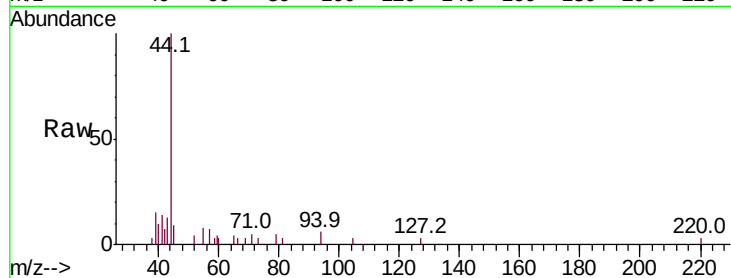
Ion Ratio Lower Upper

45 100

43 140.2 42.2 63.2#

87 0.0 14.6 22.0#

59 42.2 7.0 10.4#

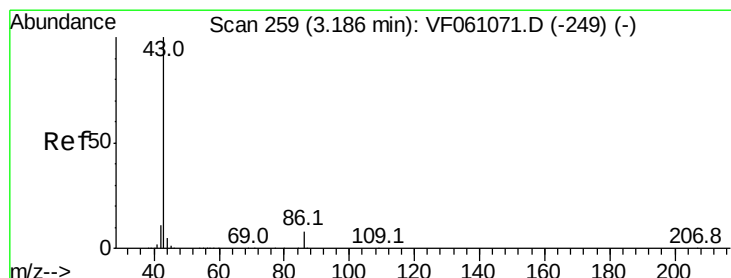
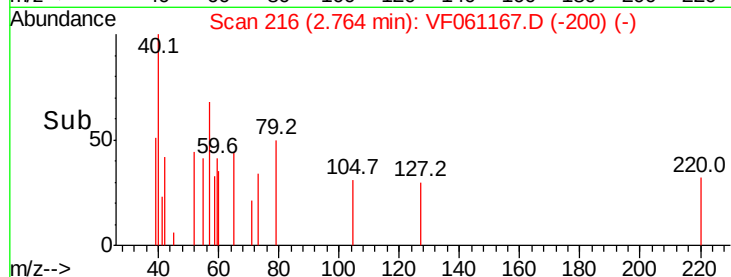
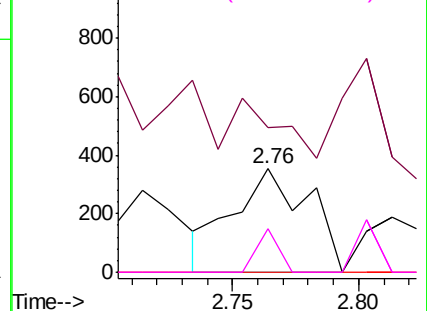


Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0



#23

Vinyl Acetate

Concen: 3.860 ug/l

RT: 3.21 min Scan# 261

Delta R.T. 0.02 min

Lab File: VF061167.D

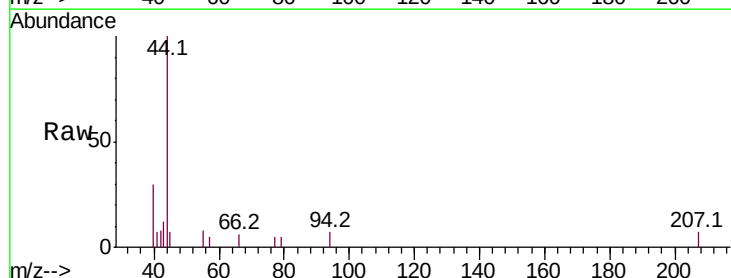
Acq: 24 Dec 2018 16:10

Tgt Ion: 43 Resp: 506

Ion Ratio Lower Upper

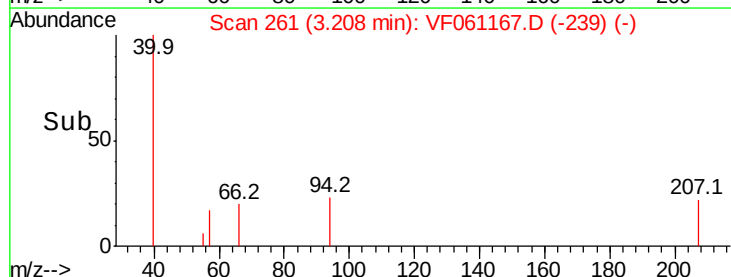
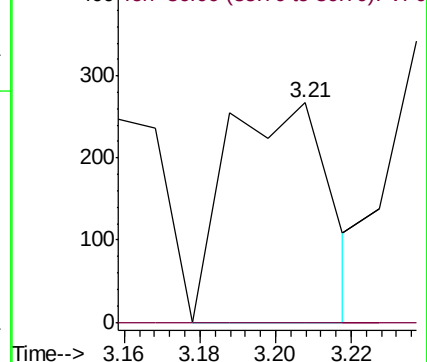
43 100

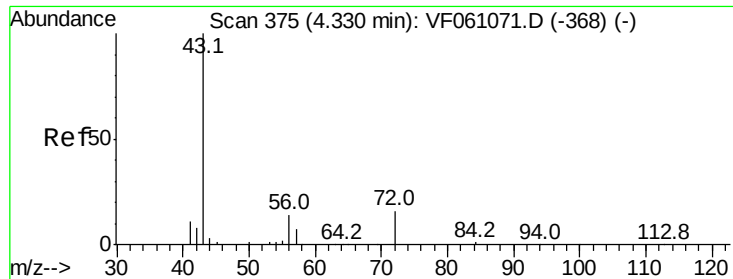
86 0.0 6.3 9.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#25

2-Butanone

Concen: 1.934 ug/l

RT: 4.34 min Scan# 376

Delta R.T. 0.01 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

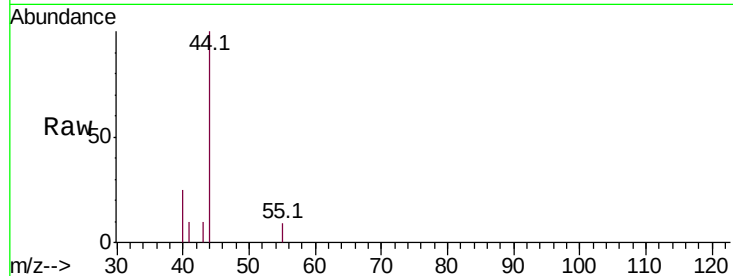
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 75

Ion Ratio Lower Upper

43 100

72 0.0 15.6 23.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

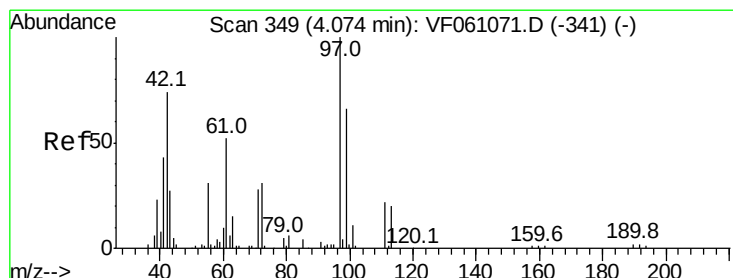
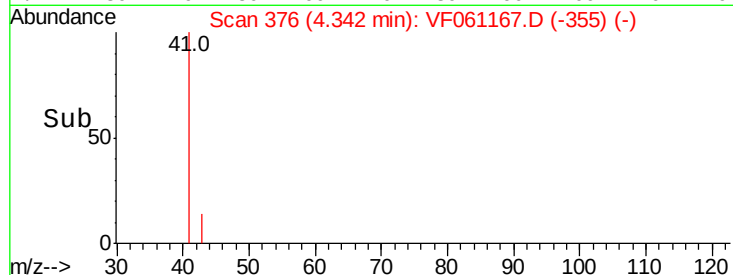
4.34

100

50

0

Time-->



#29

Tetrahydrofuran

Concen: 12.926 ug/l

RT: 4.07 min Scan# 348

Delta R.T. -0.01 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

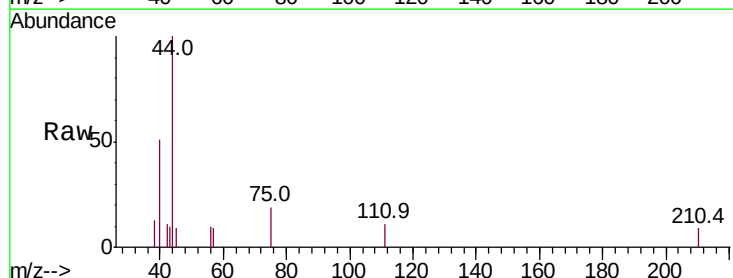
Tgt Ion: 42 Resp: 204

Ion Ratio Lower Upper

42 100

72 0.0 31.8 47.8#

71 0.0 29.7 44.5#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0

200

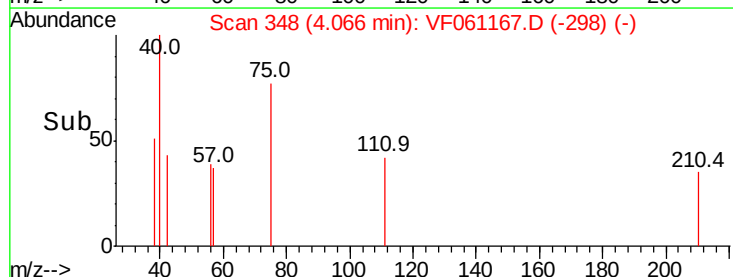
150

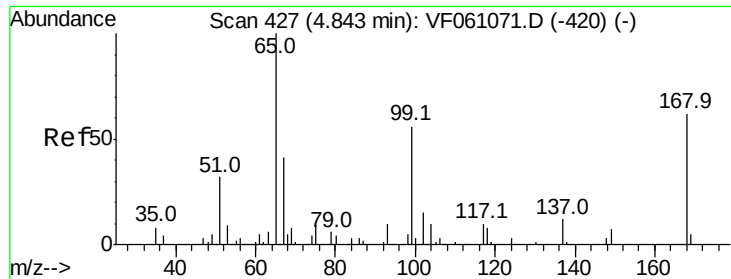
100

50

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 25.226 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.02 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

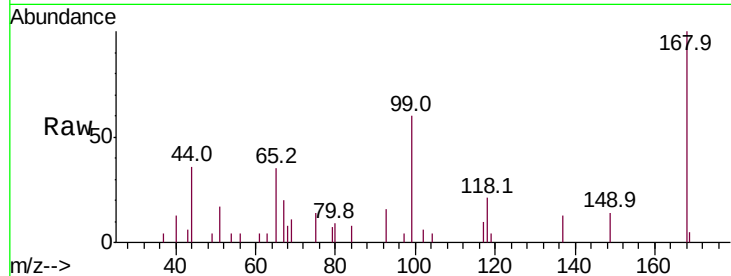
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 65 Resp: 3017

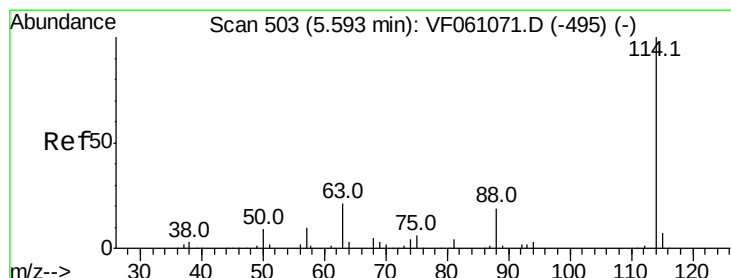
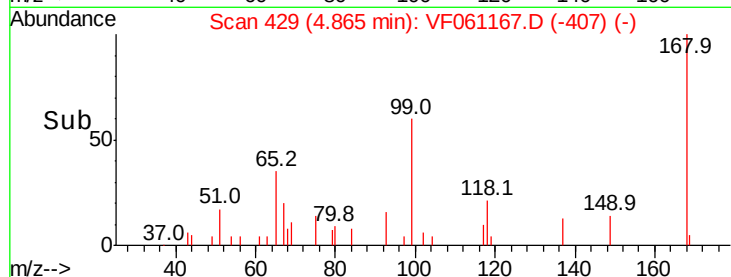
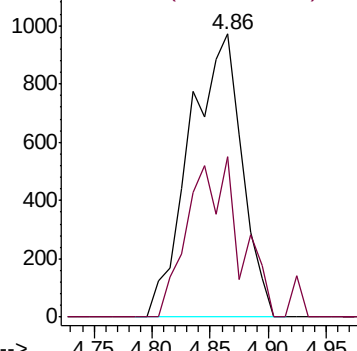
Ion Ratio Lower Upper

65 100

67 56.5 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.01 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

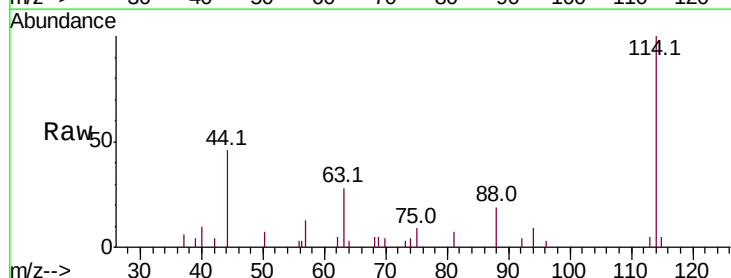
Tgt Ion: 114 Resp: 11622

Ion Ratio Lower Upper

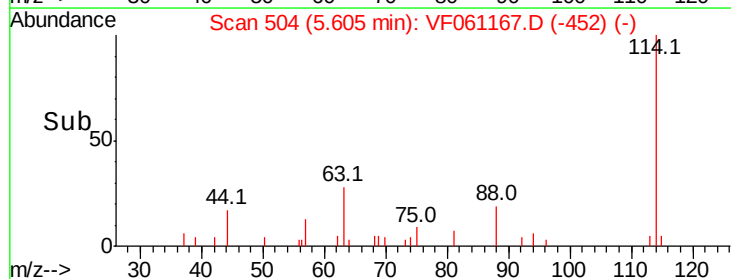
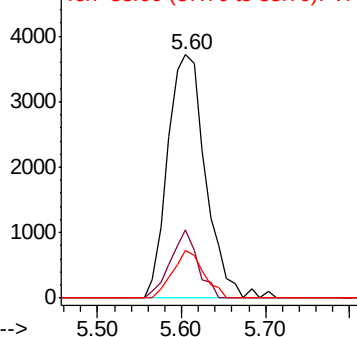
114 100

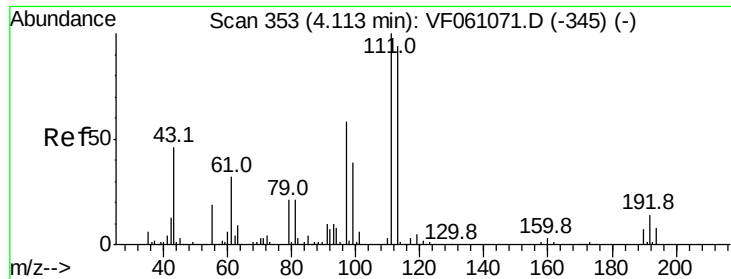
63 28.0 0.0 41.6

88 19.5 0.0 38.0



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: 48.422 ug/l

RT: 4.12 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

Instrument :
MSVOA_F
ClientSampleId :

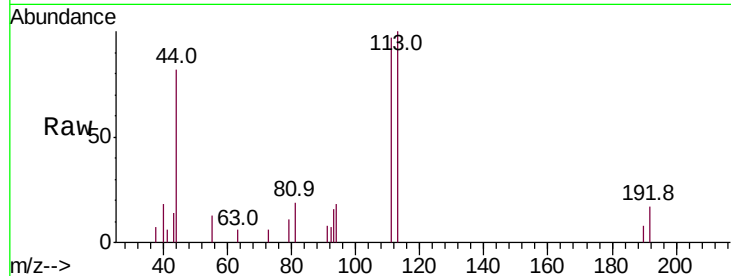
Tot Ion:113 Resp: 4508

Ion Ratio Lower Upper

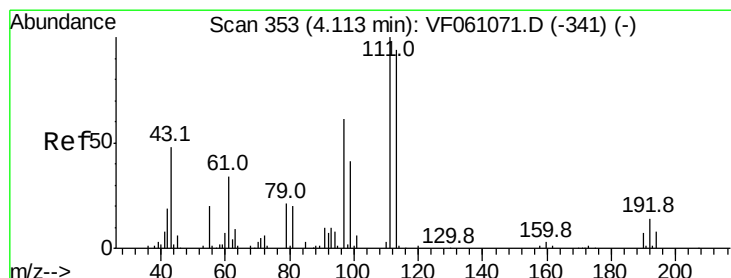
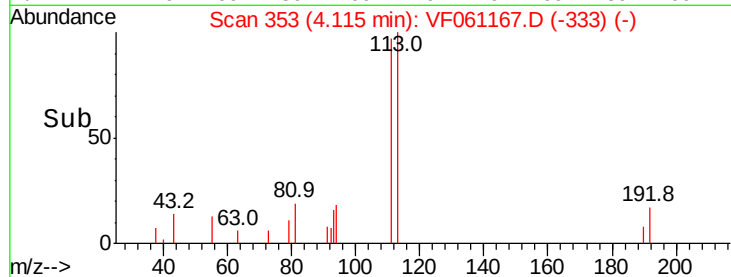
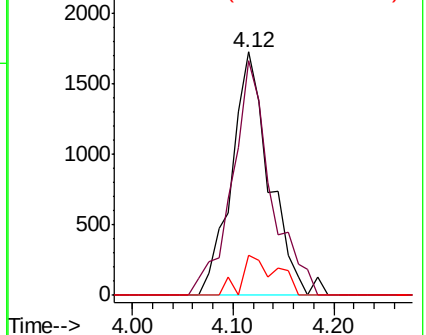
113 100

111 96.5 85.2 127.8

192 16.6 12.8 19.2



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: 6.820 ug/l

RT: 4.12 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

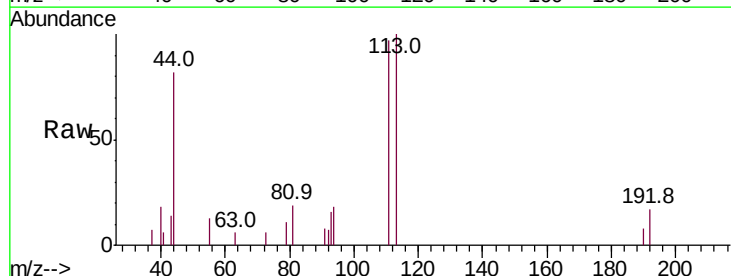
Tgt Ion: 43 Resp: 436

Ion Ratio Lower Upper

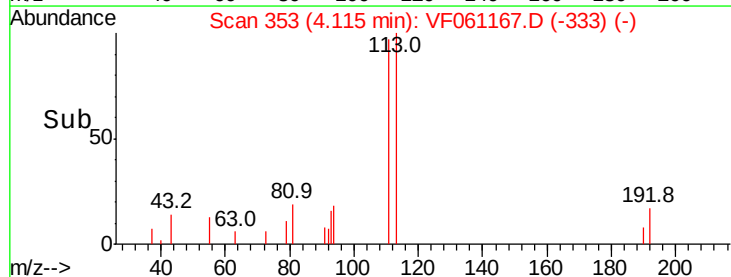
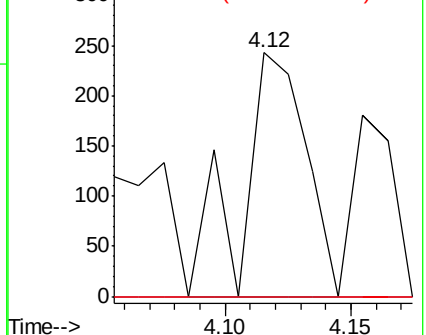
43 100

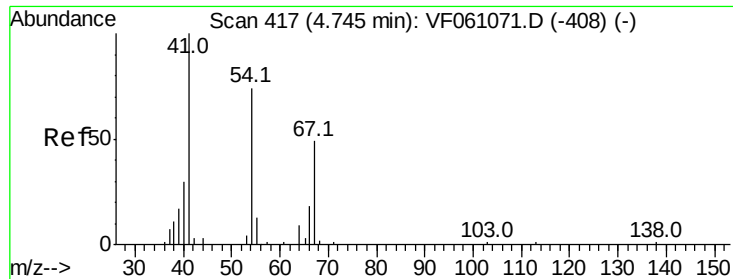
61 0.0 56.6 84.8#

70 0.0 6.3 9.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0





#41

Methacrylonitrile

Concen: 4.253 ug/l

RT: 4.77 min Scan# 419

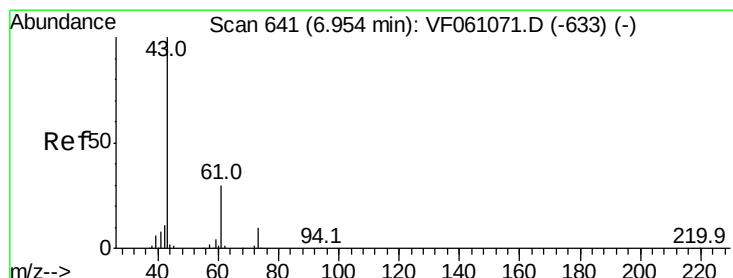
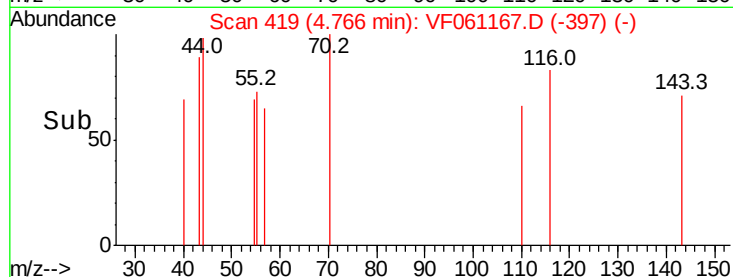
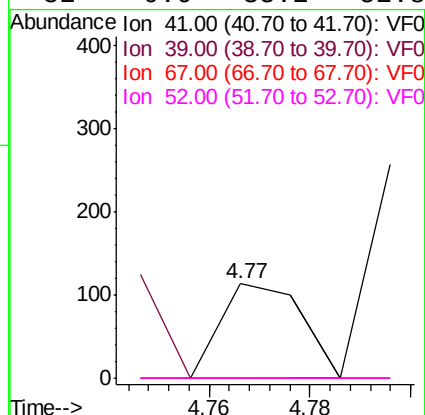
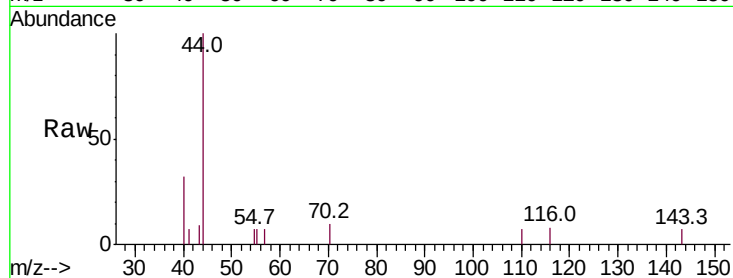
Delta R.T. 0.02 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	41	Resp:	126
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.7	68.5#
67	0.0	38.9	58.3#
52	0.0	35.2	52.8#



#43

Isopropyl Acetate

Concen: 4.030 ug/l

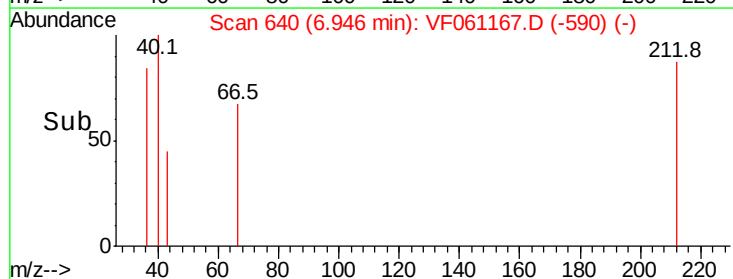
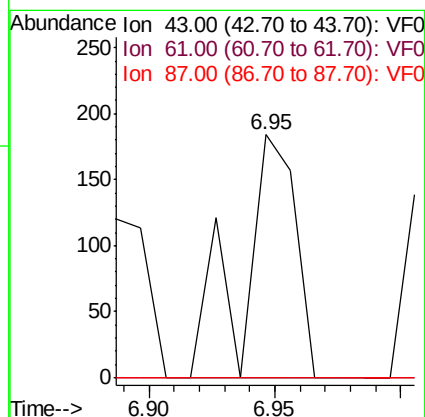
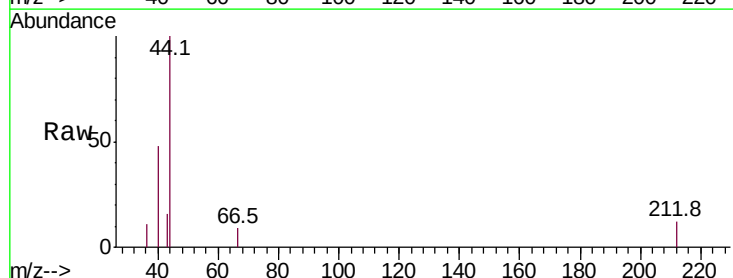
RT: 6.95 min Scan# 640

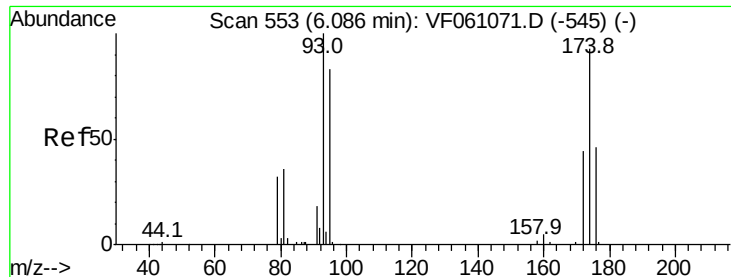
Delta R.T. -0.01 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

Tgt Ion:	43	Resp:	273
Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.8	35.8#
87	0.0	0.0	0.0





#46

Dibromomethane

Concen: 1.240 ug/l

RT: 6.07 min Scan# 551

Delta R.T. -0.02 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

Instrument :
MSVOA_F
ClientSampleId :

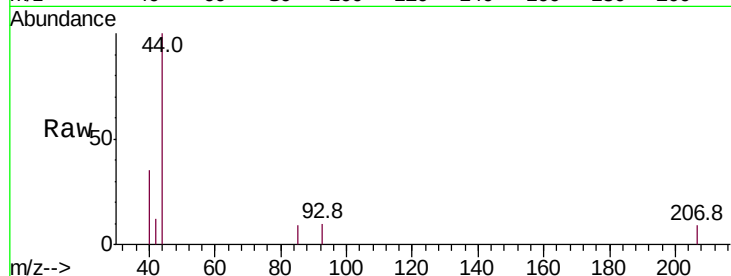
Tot Ion: 93 Resp: 66

Ion Ratio Lower Upper

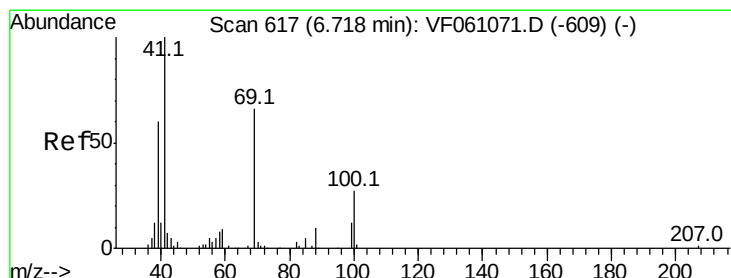
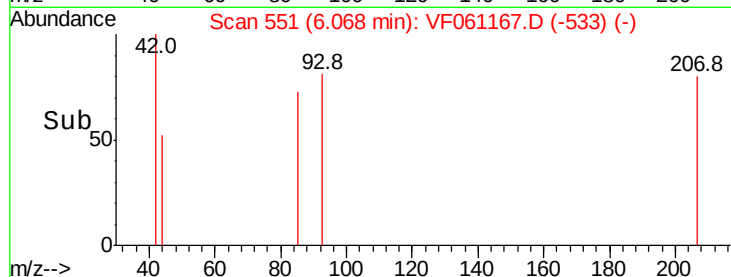
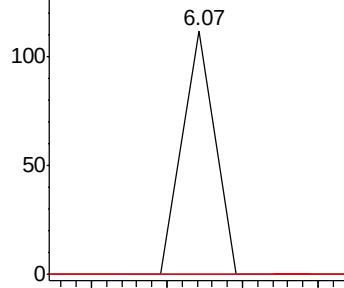
93 100

95 0.0 66.9 100.3#

174 0.0 74.1 111.1#



Abundance Ion 93.00 (92.70 to 93.70): VF0
Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V



#48

Methyl methacrylate

Concen: 2.453 ug/l

RT: 6.74 min Scan# 619

Delta R.T. 0.02 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

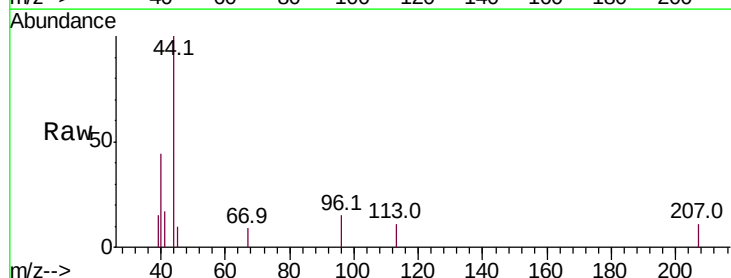
Tgt Ion: 41 Resp: 116

Ion Ratio Lower Upper

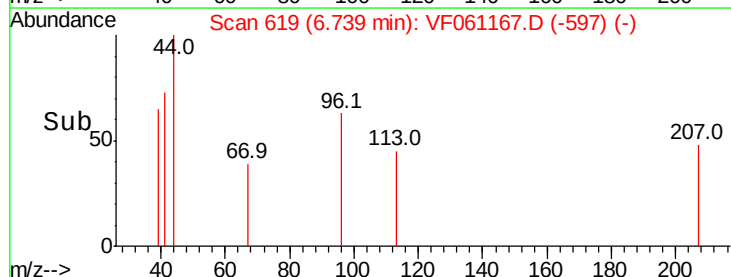
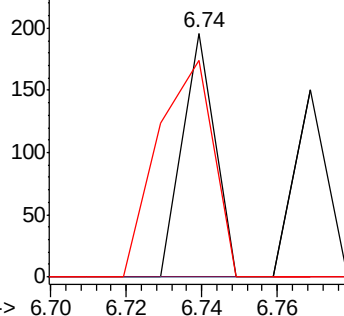
41 100

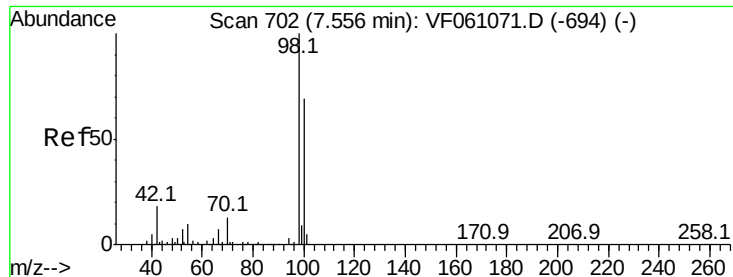
69 0.0 52.7 79.1#

39 88.8 47.8 71.6#



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0

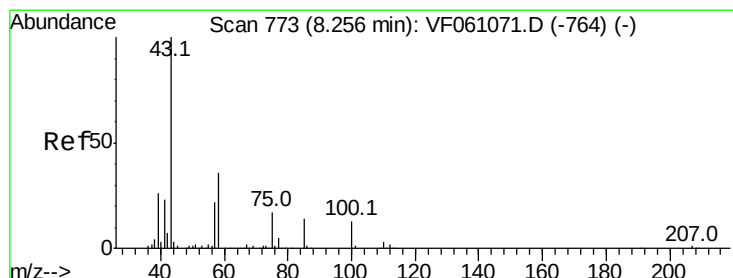
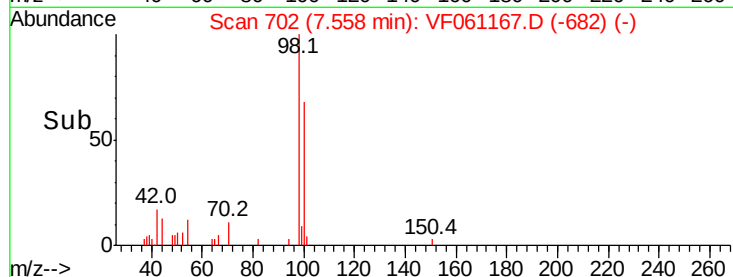
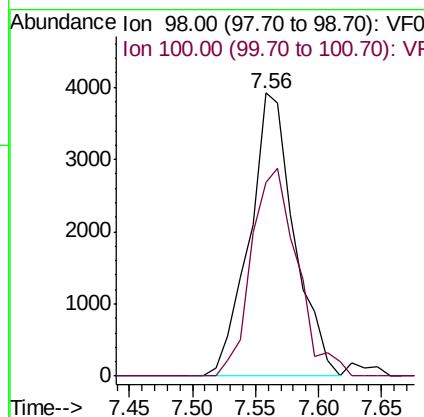
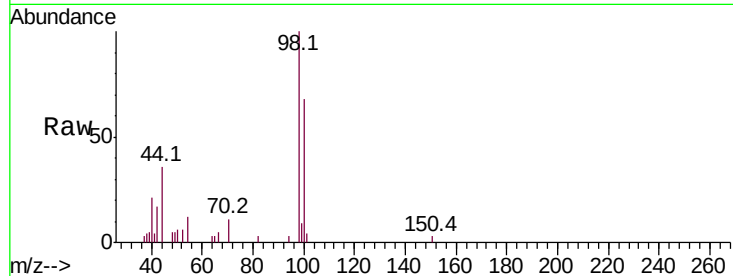




#50
Toluene-d8
Concen: 36.781 ug/l
RT: 7.56 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF061167.D
Acq: 24 Dec 2018 16:10

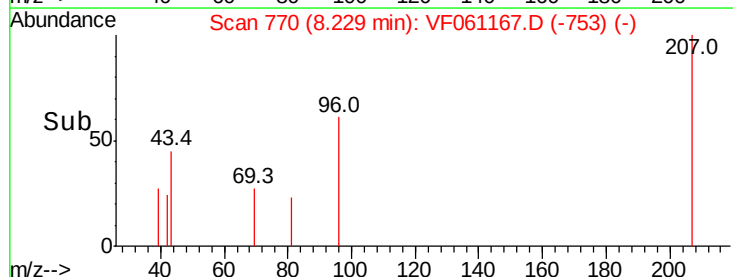
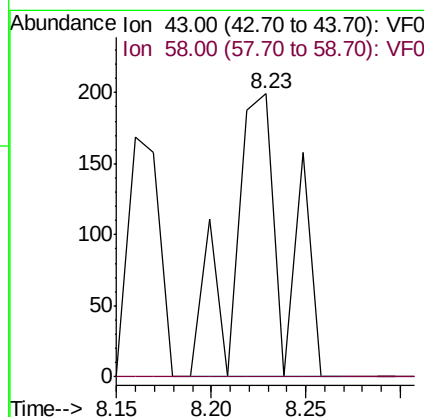
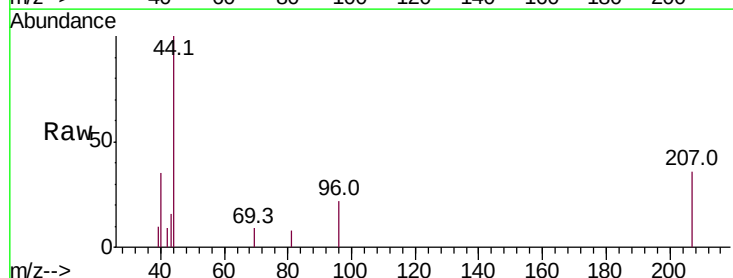
Instrument :
MSVOA_F
ClientSampleId :

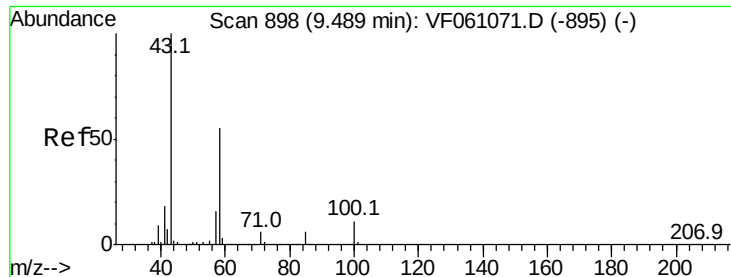
Tot Ion: 98 Resp: 9704
Ion Ratio Lower Upper
98 100
100 68.3 55.3 82.9



#51
4-Methyl-2-Pentanone
Concen: 8.352 ug/l
RT: 8.23 min Scan# 770
Delta R.T. -0.03 min
Lab File: VF061167.D
Acq: 24 Dec 2018 16:10

Tgt Ion: 43 Resp: 388
Ion Ratio Lower Upper
43 100
58 0.0 29.1 43.7#

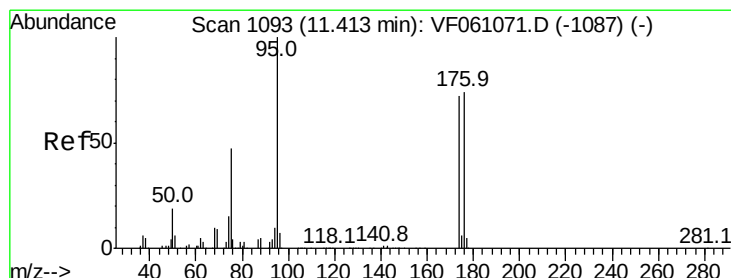
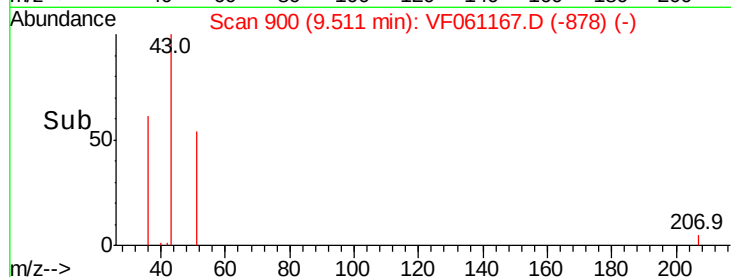
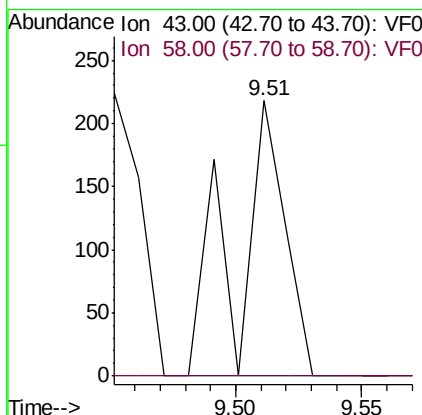
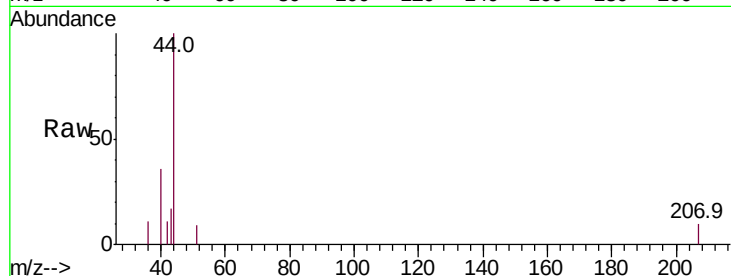




#59
2-Hexanone
Concen: 8.751 ug/l
RT: 9.51 min Scan# 900
Delta R.T. 0.02 min
Lab File: VF061167.D
Acq: 24 Dec 2018 16:10

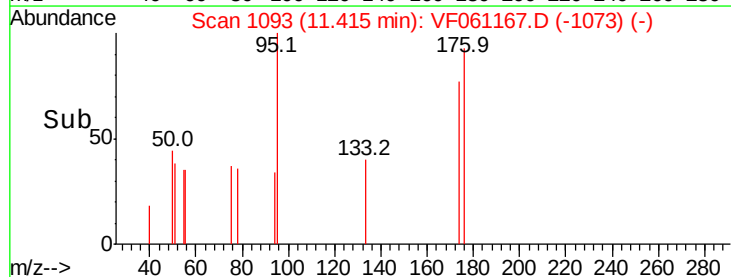
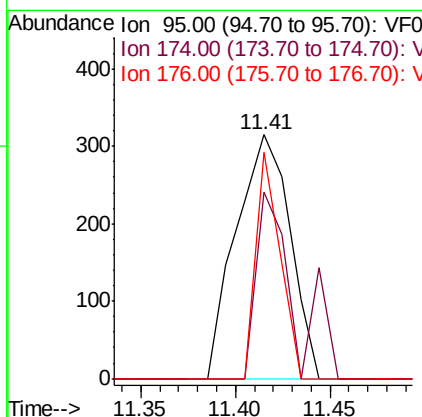
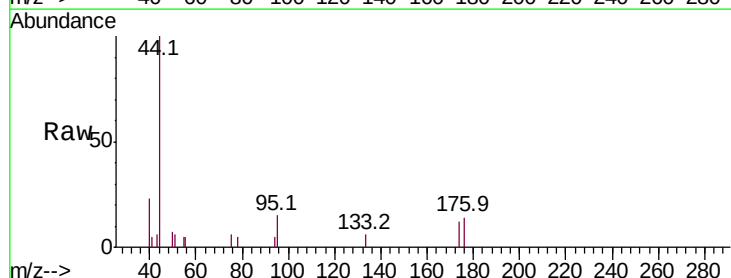
Instrument :
MSVOA_F
ClientSampleId :

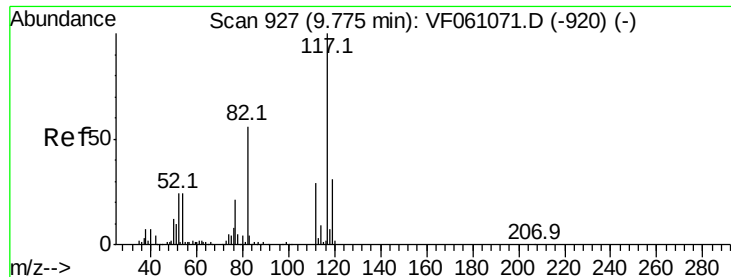
Tot Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
58 0.0 25.1 75.2#



#62
4-Bromofluorobenzene
Concen: 5.122 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF061167.D
Acq: 24 Dec 2018 16:10

Tgt Ion: 95 Resp: 623
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 92.7 0.0 147.6

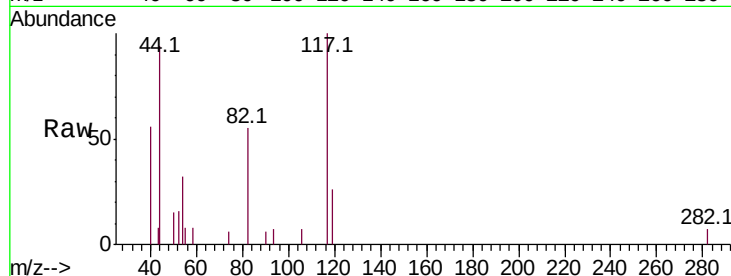




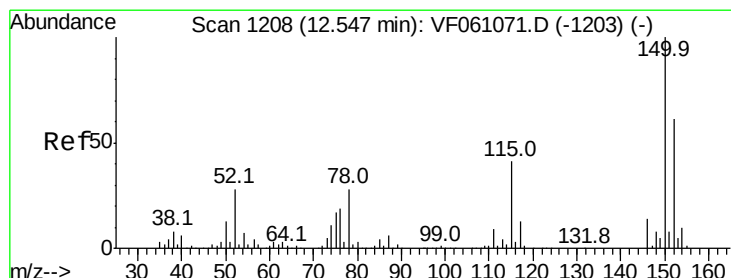
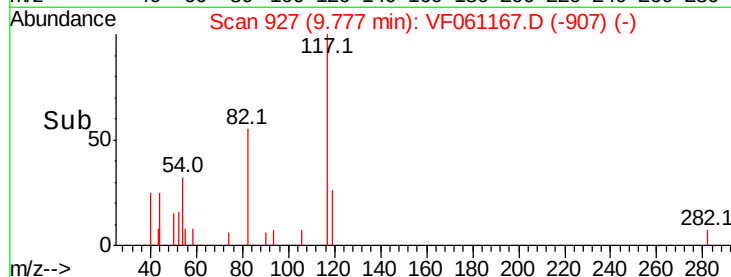
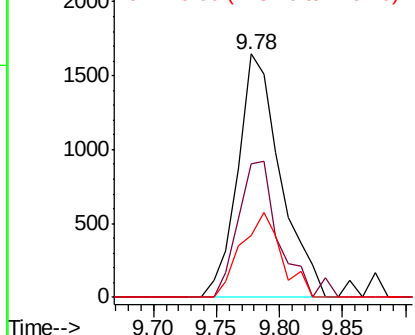
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. 0.00 min
Lab File: VF061167.D
Acq: 24 Dec 2018 16:10

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:117 Resp: 3890
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 25.6 24.8 37.2

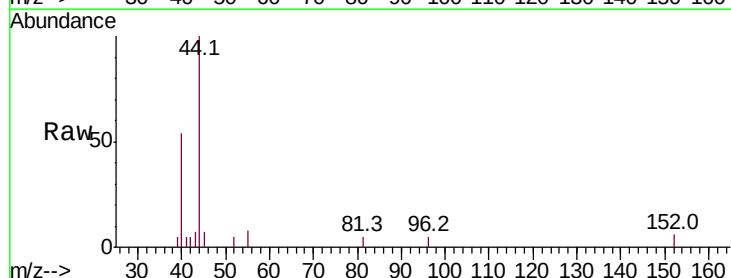


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

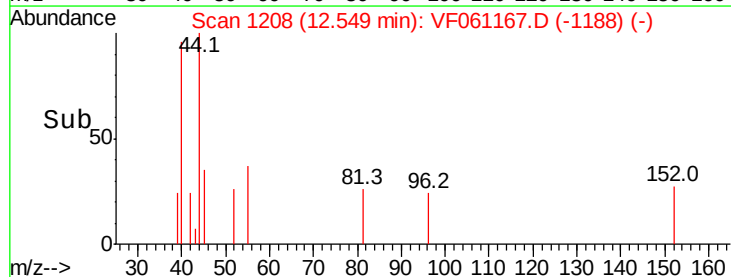
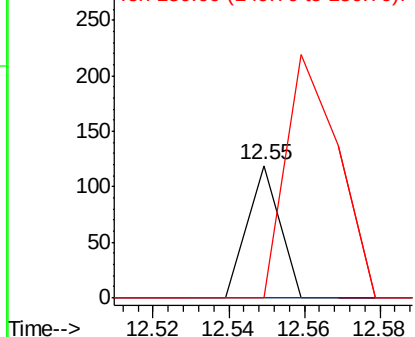


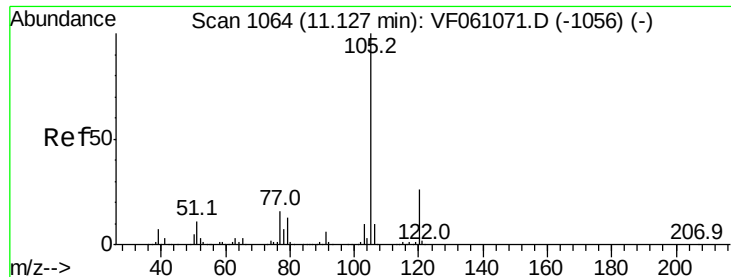
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VF061167.D
Acq: 24 Dec 2018 16:10

Tgt Ion:152 Resp: 70
Ion Ratio Lower Upper
152 100
115 0.0 33.3 99.9#
150 0.0 0.0 328.2



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





#73

Isopropylbenzene

Concen: 13.594 ug/l

RT: 11.18 min Scan# 1069

Delta R.T. 0.05 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

Instrument :

MSVOA_F

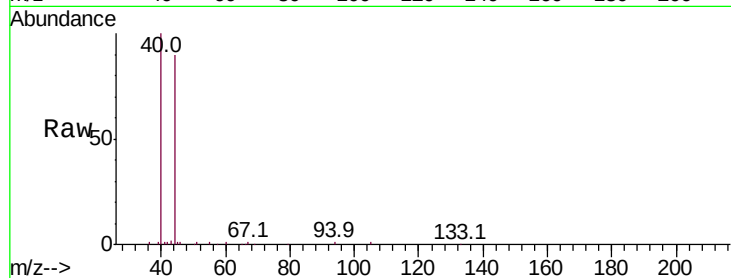
ClientSampleId :

Tot Ion:105 Resp: 82

Ion Ratio Lower Upper

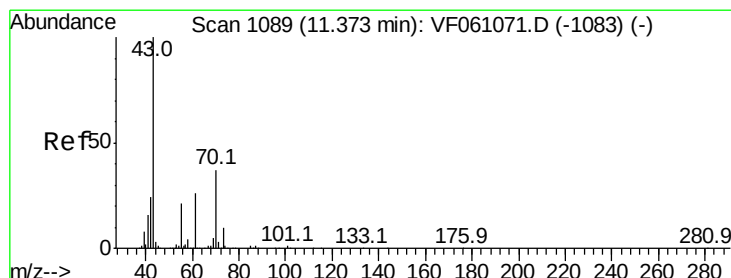
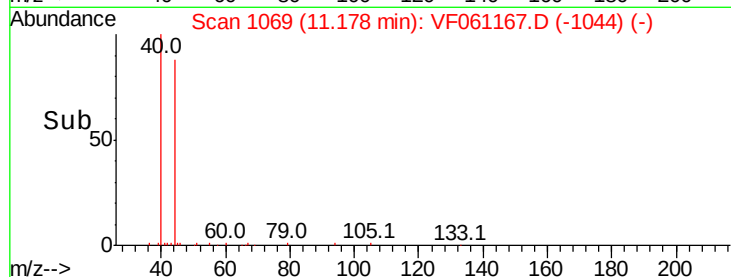
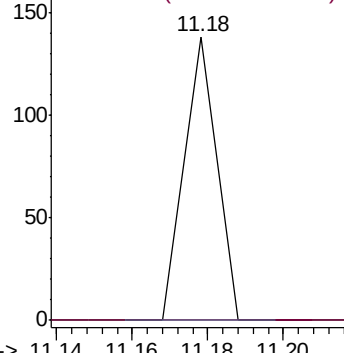
105 100

120 0.0 13.0 39.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 112.002 ug/l

RT: 11.39 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

Tgt Ion: 43 Resp: 150

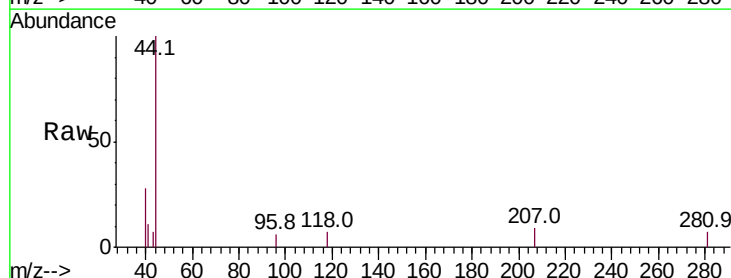
Ion Ratio Lower Upper

43 100

70 0.0 29.2 43.8#

55 0.0 16.5 24.7#

61 0.0 20.7 31.1#

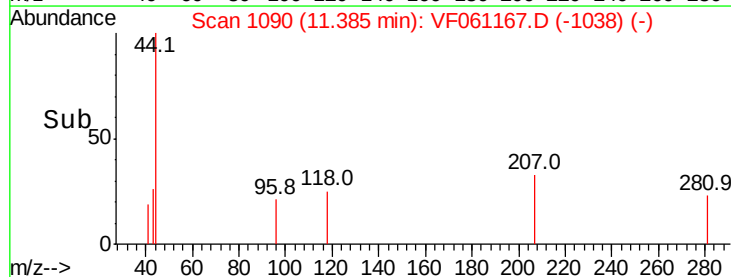
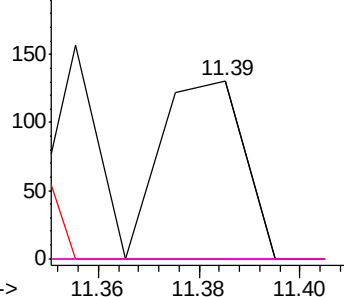


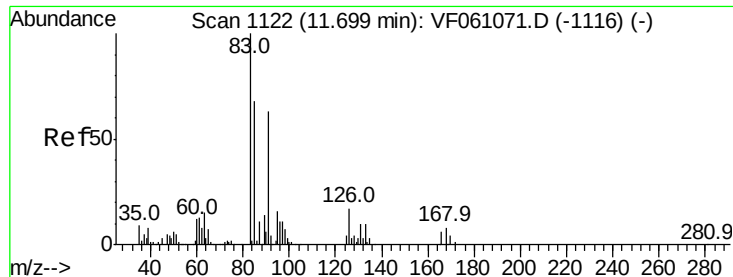
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 59.930 ug/l

RT: 11.67 min Scan# 1119

Delta R.T. -0.03 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

Instrument :

MSVOA_F

ClientSampleId :

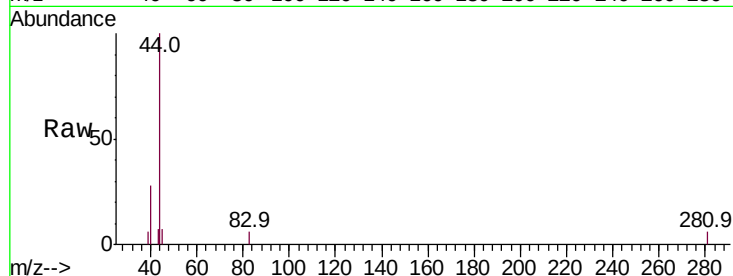
Tot Ion: 83 Resp: 60

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

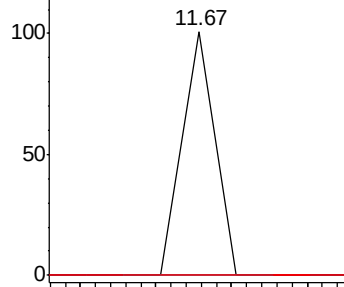
85 0.0 33.9 101.6#



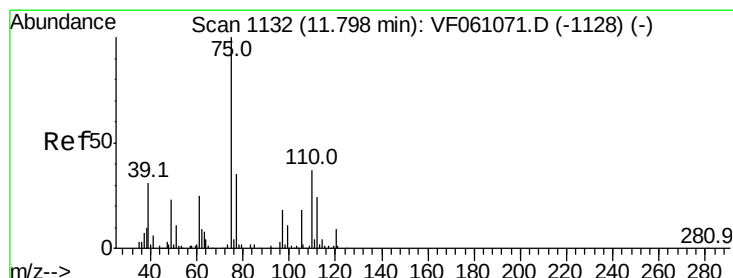
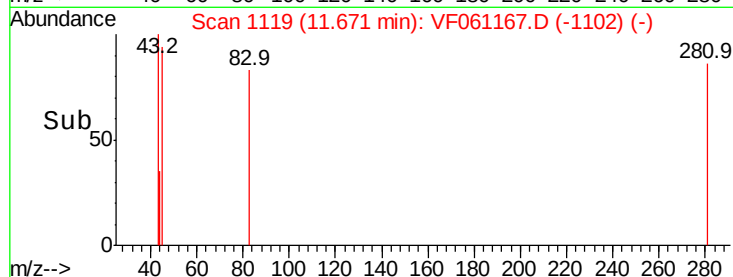
Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



Time--> 11.64 11.66 11.68 11.70



#76

1,2,3-Trichloropropane

Concen: 81.873 ug/l

RT: 11.80 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VF061167.D

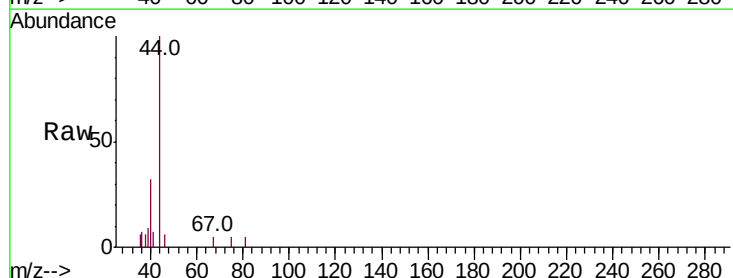
Acq: 24 Dec 2018 16:10

Tgt Ion: 75 Resp: 61

Ion Ratio Lower Upper

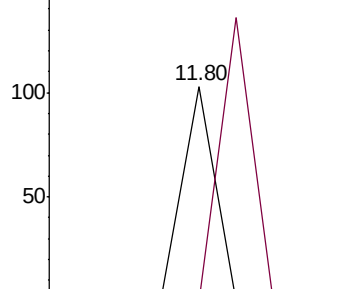
75 100

77 0.0 17.6 52.9#

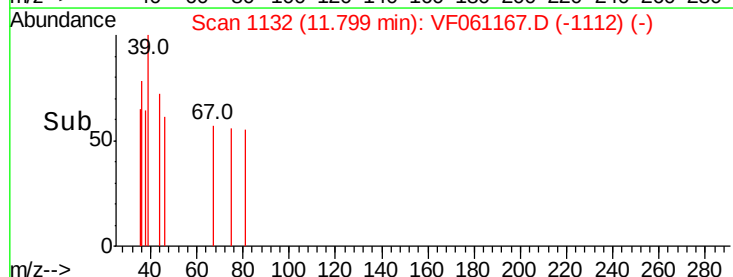


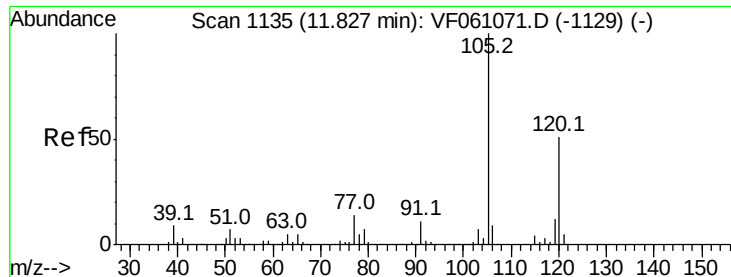
Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



Time--> 11.76 11.78 11.80 11.82





#80

1,3,5-Trimethylbenzene

Concen: 13.287 ug/l

RT: 11.73 min Scan# 1125

Delta R.T. -0.10 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

Instrument :

MSVOA_F

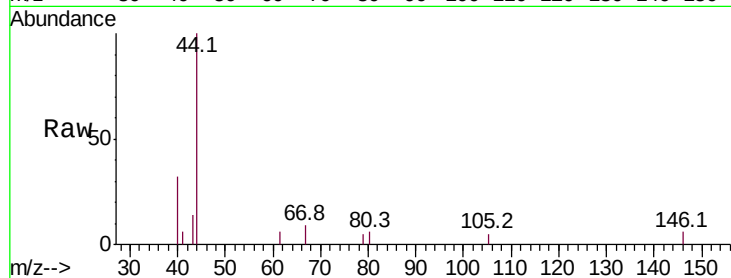
ClientSampleId :

Tot Ion:105 Resp: 66

Ion Ratio Lower Upper

105 100

120 0.0 25.4 76.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.73

100

80

60

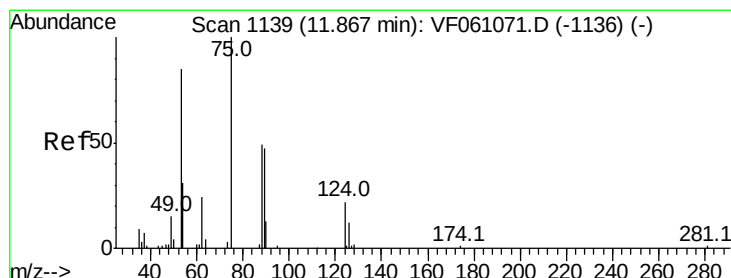
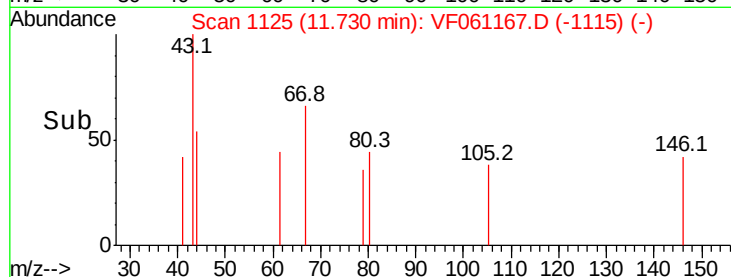
40

20

0

11.70 11.72 11.74 11.76

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 190.530 ug/l

RT: 11.80 min Scan# 1132

Delta R.T. -0.07 min

Lab File: VF061167.D

Acq: 24 Dec 2018 16:10

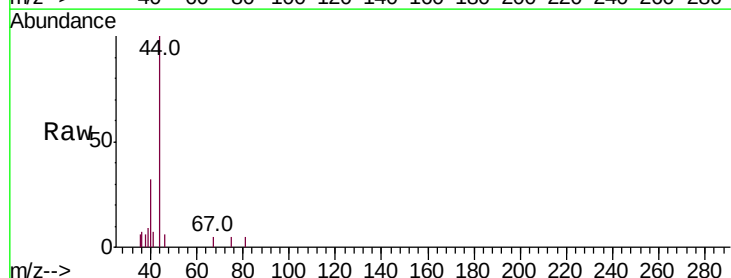
Tgt Ion: 75 Resp: 61

Ion Ratio Lower Upper

75 100

53 0.0 74.1 111.1#

89 0.0 42.6 64.0#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0

11.80

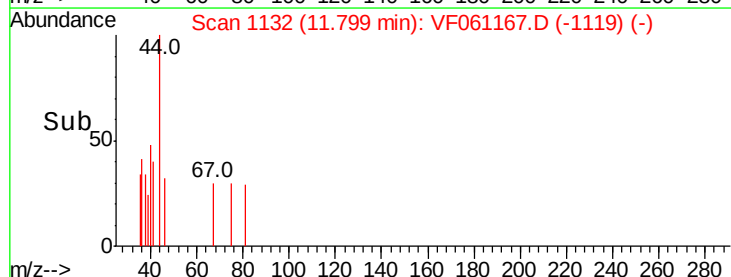
100

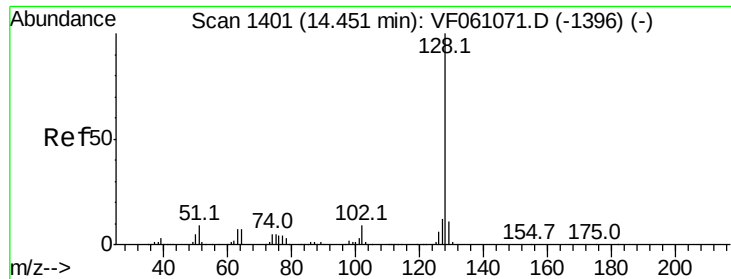
50

0

11.76 11.78 11.80 11.82

Time-->

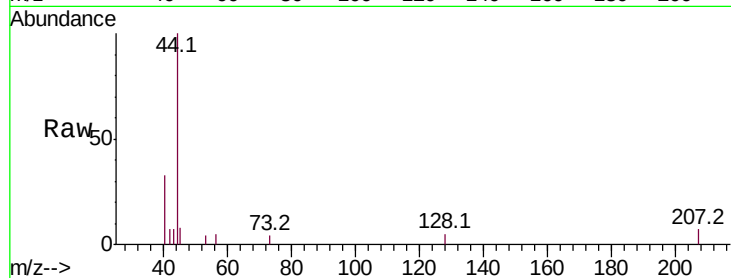




#95
 Naphthalene
 Concen: 27.276 ug/l
 RT: 14.47 min Scan# 1403
 Delta R.T. 0.02 min
 Lab File: VF061167.D
 Acq: 24 Dec 2018 16:10

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.4	14.2#
129	0.0	8.8	13.2#



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

