

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122718\
 Data File : VF061218.D
 Acq On : 27 Dec 2018 20:02
 Operator : VA/AP
 Sample : J6486-01
 Misc : 4.47µ/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S72-0053

Quant Time: Dec 27 23:51:11 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	4.85	168	4252	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	6040	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	4481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	1511	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	1023	18.71	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	37.42%	
35) Dibromofluoromethane	4.09	113	2042	42.20	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	84.40%	
50) Toluene-d8	7.54	98	7159	52.21	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	11.40	95	1705	26.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	53.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.10	85	121	1.280	ug/l #	43
3) Chloromethane	1.09	50	72	1.330	ug/l #	42
5) Bromomethane	1.30	94	458	13.147	ug/l #	3
6) Chloroethane	1.39	64	98	4.235	ug/l #	36
8) Diethyl Ether	1.66	74	74	5.635	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	1.94	101	62	1.247	ug/l #	21
11) Tert butyl alcohol	2.60	59	66	29.906	ug/l #	65
12) 1,1-Dichloroethene	1.85	96	76	2.028	ug/l #	1
13) Acrolein	2.01	56	403	252.715	ug/l	94
14) Allyl chloride	2.07	41	717	18.382	ug/l #	57
15) Acrylonitrile	2.91	53	172	33.704	ug/l #	46
16) Acetone	2.10	43	631	57.717	ug/l	97
18) Methyl Acetate	2.37	43	1737	76.794	ug/l #	66
19) Methyl tert-butyl Ether	2.42	73	143	1.719	ug/l #	59
20) Methylene Chloride	2.27	84	151	Below Cal	#	1
21) trans-1,2-Dichloroethene	2.28	96	60	1.497	ug/l #	1
22) Diisopropyl ether	2.82	45	280	2.155	ug/l #	1
23) Vinyl Acetate	3.17	43	945	15.766	ug/l #	78
24) 1,1-Dichloroethane	2.85	63	187	2.429	ug/l #	88
25) 2-Butanone	4.28	43	434	24.477	ug/l #	57
26) 2,2-Dichloropropane	3.54	77	66	1.494	ug/l #	62
29) Tetrahydrofuran	4.05	42	141	19.538	ug/l #	37
32) 1,1,1-Trichloroethane	4.05	97	88	1.272	ug/l #	23
37) Ethyl Acetate	4.08	43	101	2.919	ug/l #	21
41) Methacrylonitrile	4.71	41	175	11.366	ug/l #	27
43) Isopropyl Acetate	6.90	43	263	7.471	ug/l #	45
45) 1,2-Dichloropropane	6.07	63	59	1.383	ug/l #	44
48) Methyl methacrylate	6.70	41	178	7.243	ug/l #	19
51) 4-Methyl-2-Pentanone	8.21	43	177	7.331	ug/l #	38
58) 2-Chloroethyl Vinyl ether	7.12	63	129	19.951	ug/l #	50
59) 2-Hexanone	9.45	43	108	6.186	ug/l #	27
74) N-amyl acetate	11.38	43	178	6.157	ug/l #	33
90) Hexachloroethane	12.83	117	65	2.201	ug/l #	27
93) 1,2,4-Trichlorobenzene	14.24	180	59	1.660	ug/l #	12

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QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

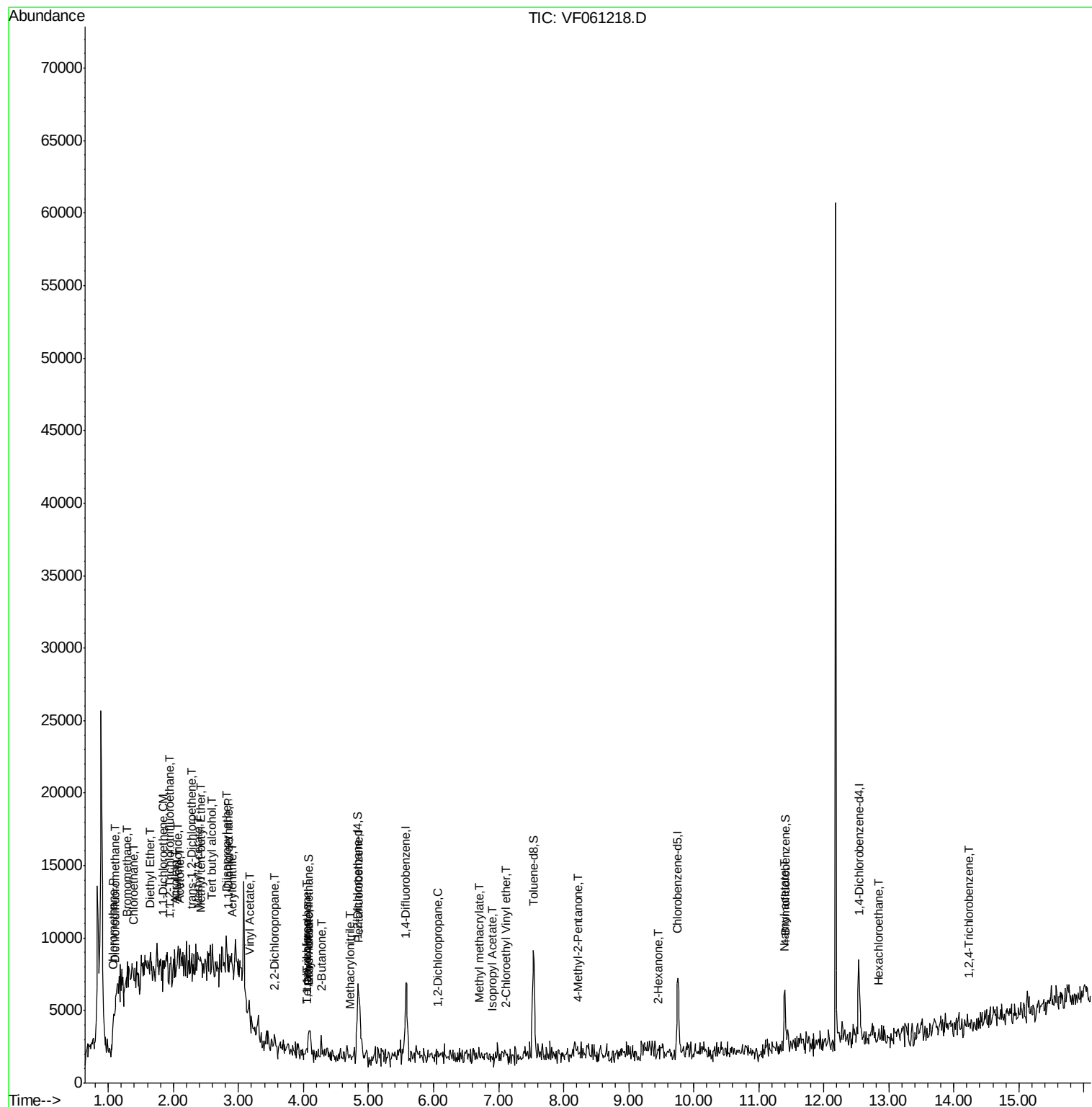
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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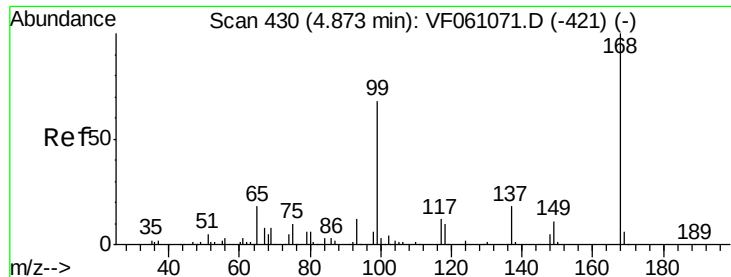
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061218.D

Acq: 27 Dec 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

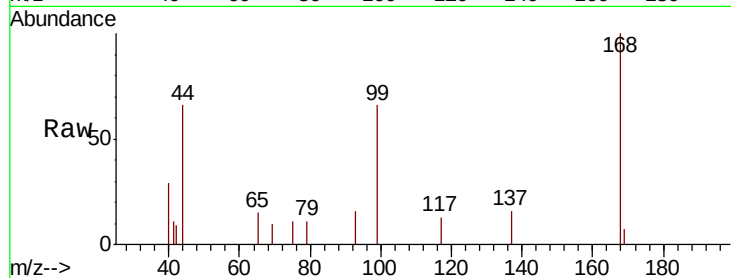
S72-0053

Tot Ion:168 Resp: 4252

Ion Ratio Lower Upper

168 100

99 66.4 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

1500

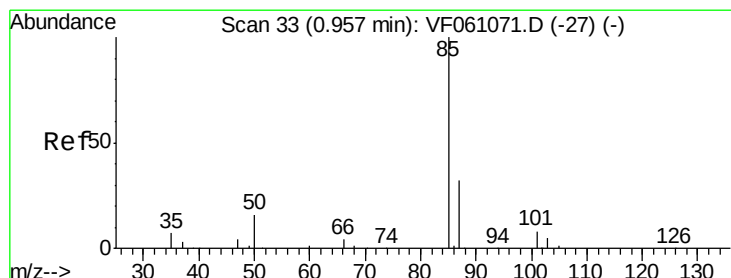
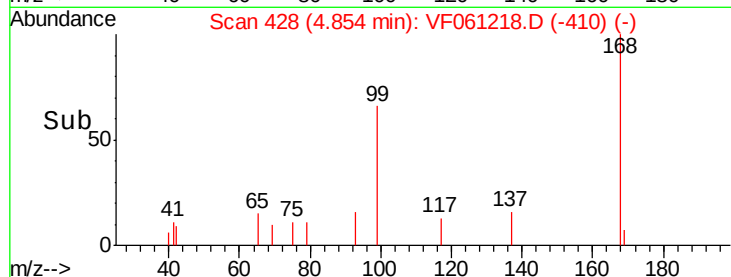
1000

500

0

4.80 4.90 5.00

Time-->



#2

Dichlorodifluoromethane

Concen: 1.280 ug/l

RT: 1.10 min Scan# 47

Delta R.T. 0.14 min

Lab File: VF061218.D

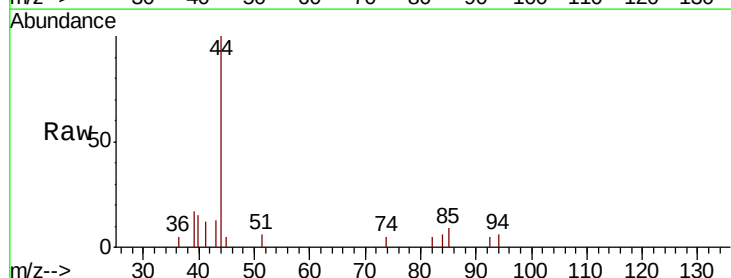
Acq: 27 Dec 2018 20:02

Tgt Ion: 85 Resp: 121

Ion Ratio Lower Upper

85 100

87 0.0 15.9 47.6#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.10

200

150

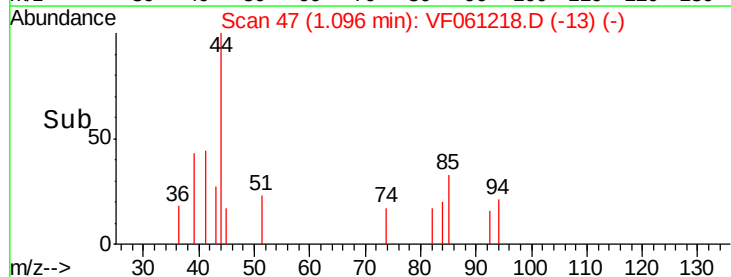
100

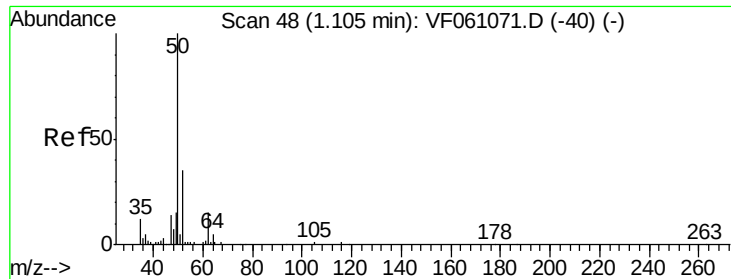
50

0

1.08 1.10

Time-->





#3

Chloromethane

Concen: 1.330 ug/l

RT: 1.09 min Scan# 46

Delta R.T. -0.02 min

Lab File: VF061218.D

Acq: 27 Dec 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

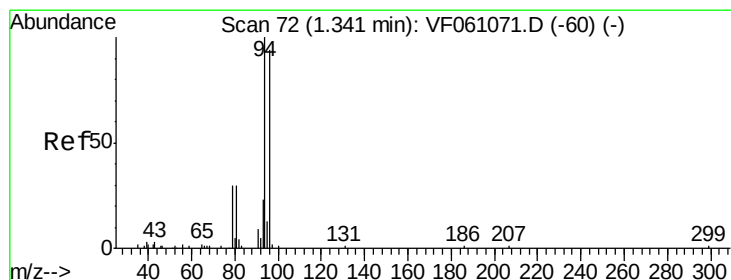
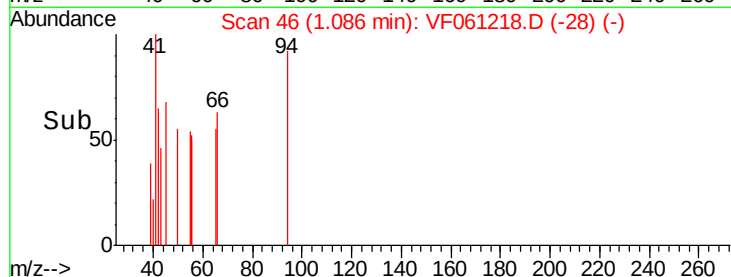
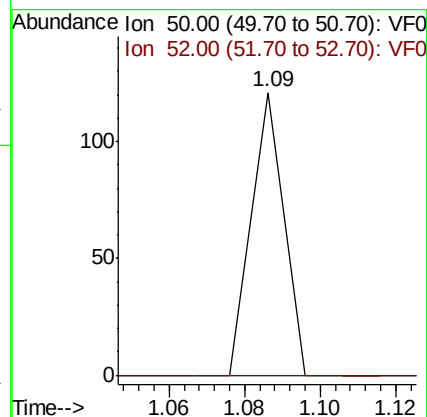
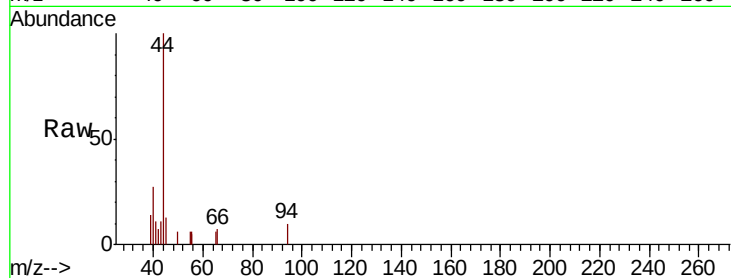
S72-0053

Tot Ion: 50 Resp: 72

Ion Ratio Lower Upper

50 100

52 0.0 26.3 39.5#



#5

Bromomethane

Concen: 13.147 ug/l

RT: 1.30 min Scan# 68

Delta R.T. -0.04 min

Lab File: VF061218.D

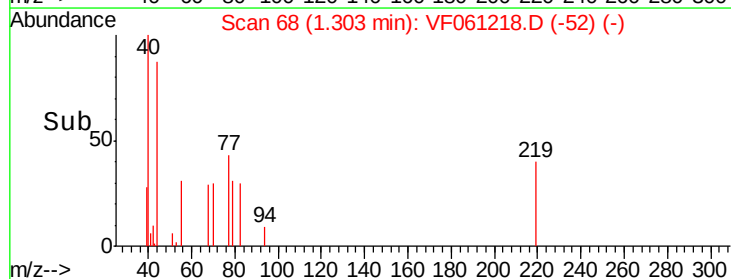
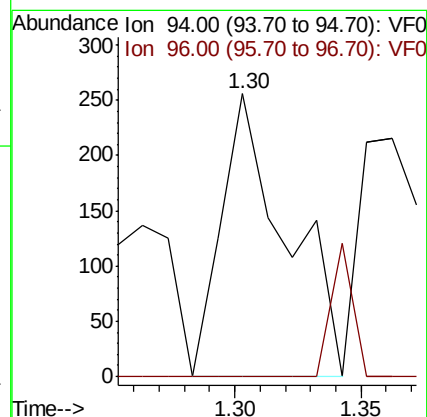
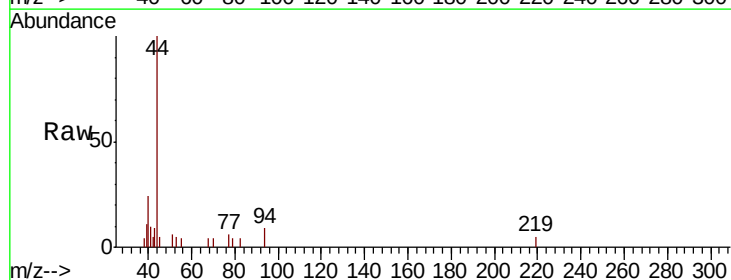
Acq: 27 Dec 2018 20:02

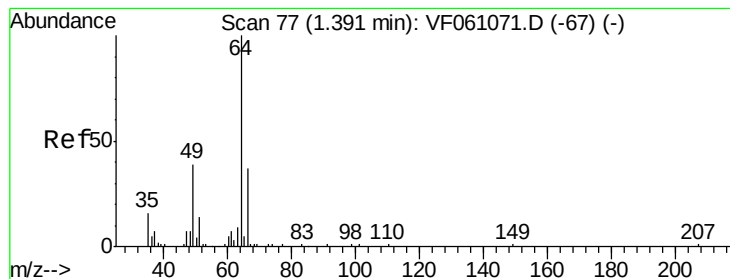
Tgt Ion: 94 Resp: 458

Ion Ratio Lower Upper

94 100

96 0.0 74.4 111.6#





#6

Chloroethane

Concen: 4.235 ug/l

RT: 1.39 min Scan# 77

Delta R.T. 0.00 min

Lab File: VF061218.D

Acq: 27 Dec 2018 20:02

Instrument :

MSVOA_F

ClientSampled :

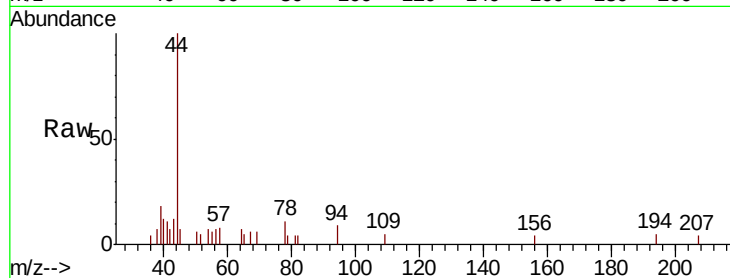
S72-0053

Tot Ion: 64 Resp: 98

Ion Ratio Lower Upper

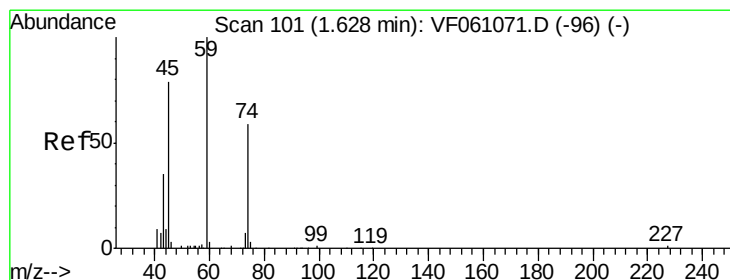
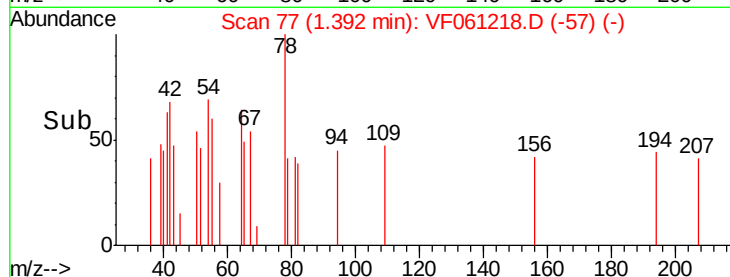
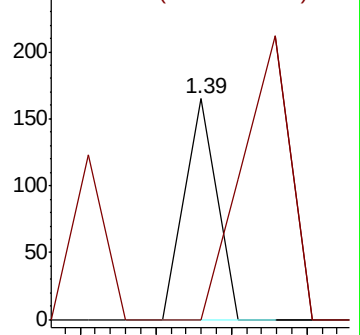
64 100

66 0.0 30.9 46.3#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



#8

Diethyl Ether

Concen: 5.635 ug/l

RT: 1.66 min Scan# 104

Delta R.T. 0.03 min

Lab File: VF061218.D

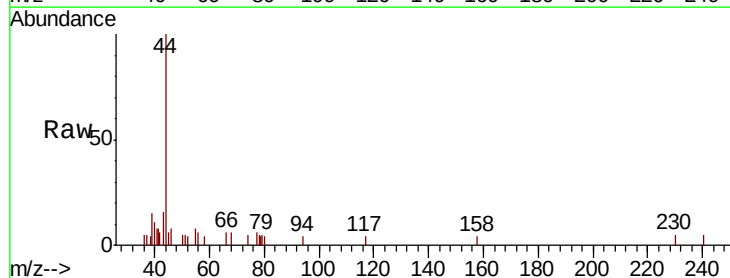
Acq: 27 Dec 2018 20:02

Tgt Ion: 74 Resp: 74

Ion Ratio Lower Upper

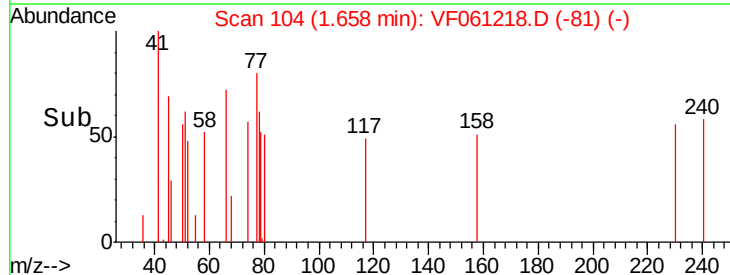
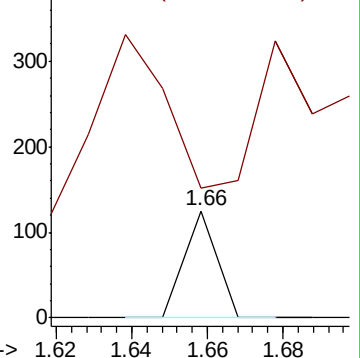
74 100

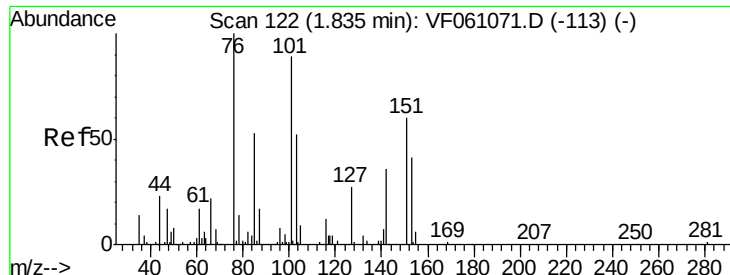
45 121.6 67.8 203.4



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.247 ug/l

RT: 1.94 min Scan# 133

Delta R.T. 0.11 min

Lab File: VF061218.D

Acq: 27 Dec 2018 20:02

Instrument :

MSVOA_F

ClientSampled :

S72-0053

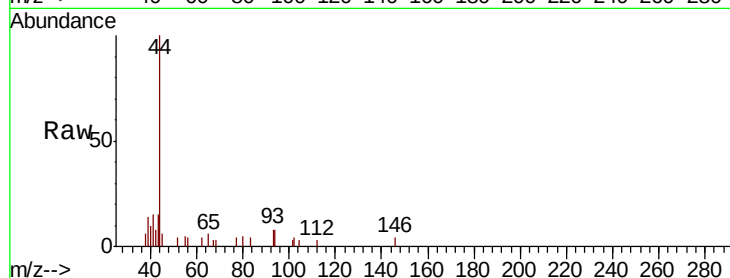
Tot Ion:101 Resp: 62

Ion Ratio Lower Upper

101 100

85 0.0 44.5 66.7#

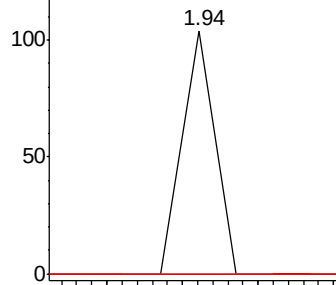
151 0.0 49.9 74.9#



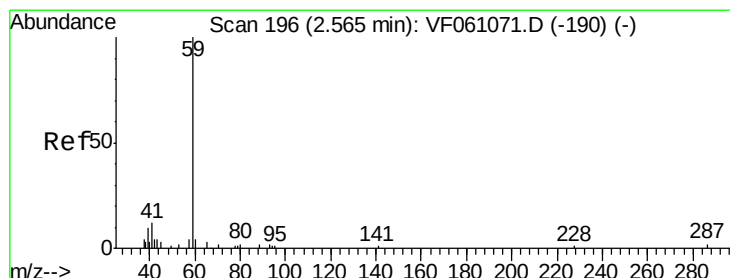
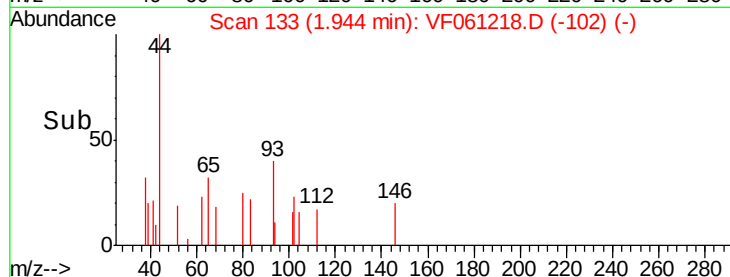
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



Time-->



#11

Tert butyl alcohol

Concen: 29.906 ug/l

RT: 2.60 min Scan# 199

Delta R.T. 0.03 min

Lab File: VF061218.D

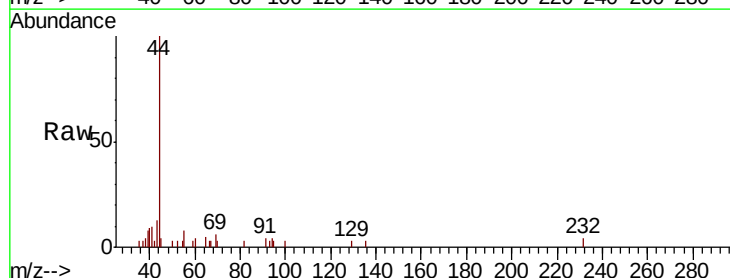
Acq: 27 Dec 2018 20:02

Tgt Ion: 59 Resp: 66

Ion Ratio Lower Upper

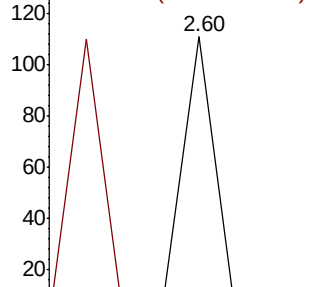
59 100

57 0.0 11.5 17.3#

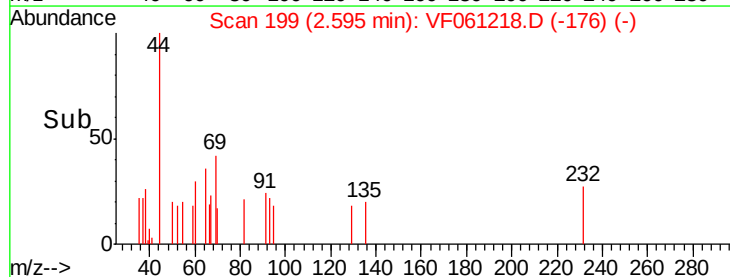


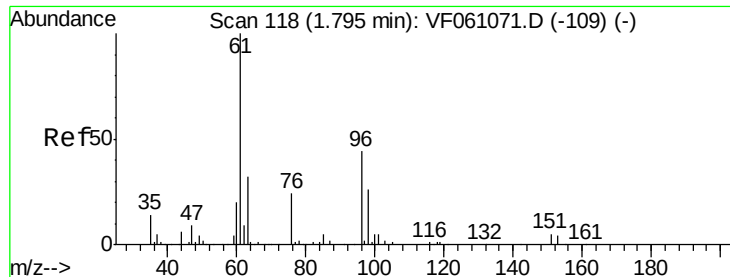
Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0



Time-->





#12

1,1-Dichloroethene

Concen: 2.028 ug/l

RT: 1.85 min Scan# 123

Delta R.T. 0.05 min

Lab File: VF061218.D

Acq: 27 Dec 2018 20:02

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MSVOA_F

ClientSampleId :

S72-0053

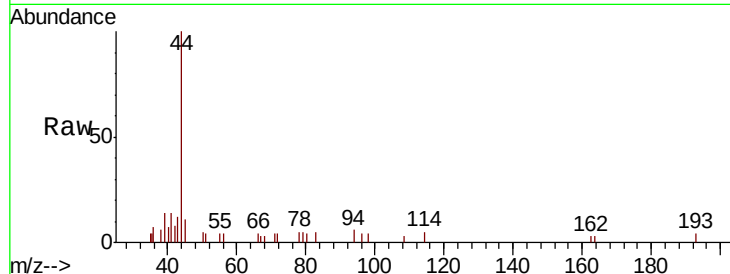
Tot Ion: 96 Resp: 76

Ion Ratio Lower Upper

96 100

61 0.0 182.0 273.0#

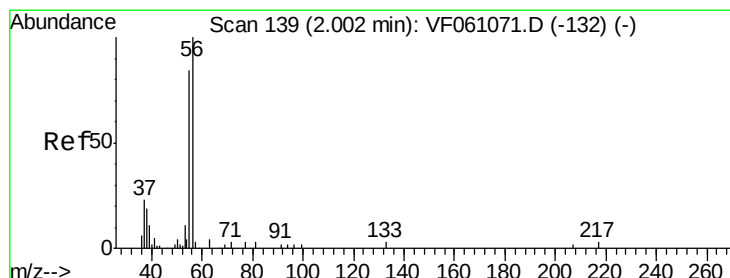
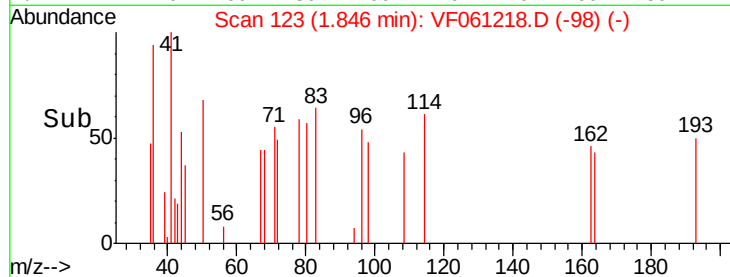
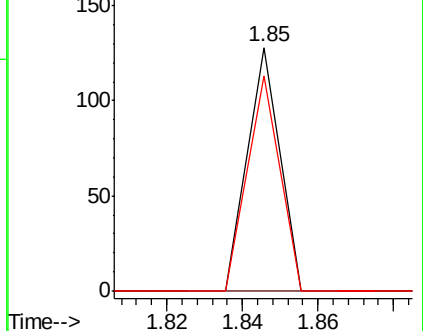
98 88.3 46.5 69.7#



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



#13

Acrolein

Concen: 252.715 ug/l

RT: 2.01 min Scan# 140

Delta R.T. 0.01 min

Lab File: VF061218.D

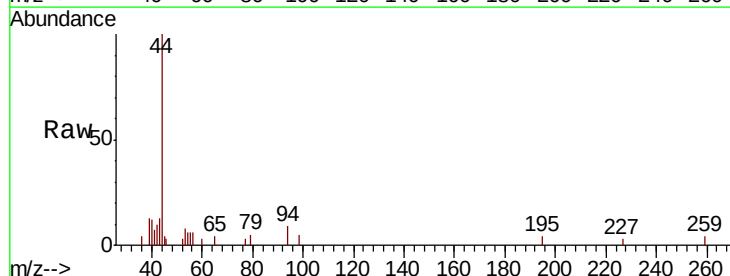
Acq: 27 Dec 2018 20:02

Tgt Ion: 56 Resp: 403

Ion Ratio Lower Upper

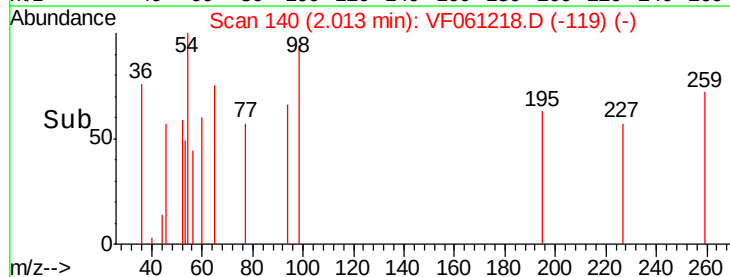
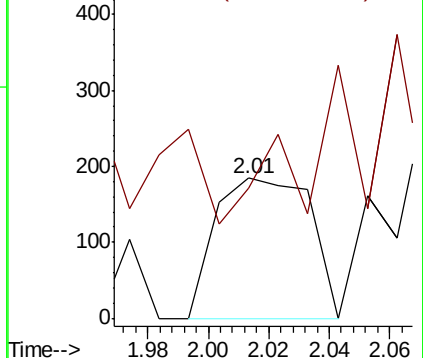
56 100

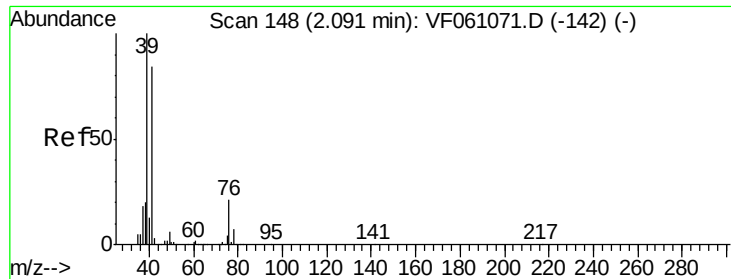
55 93.5 70.2 105.2



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

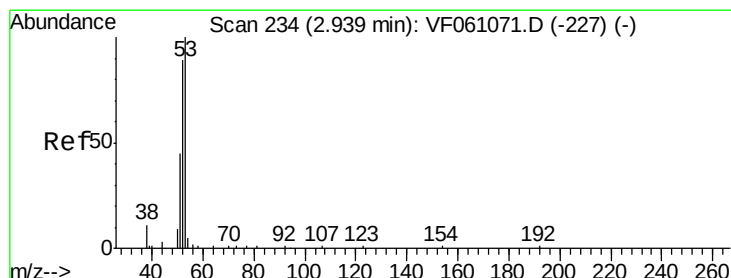
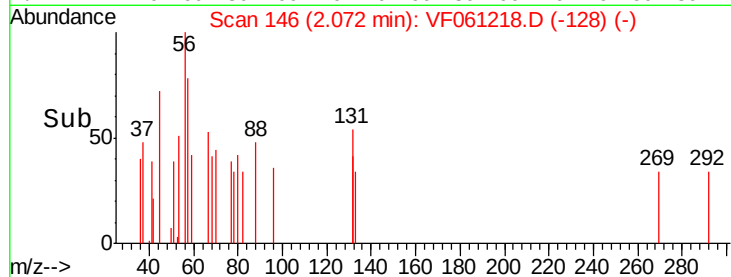
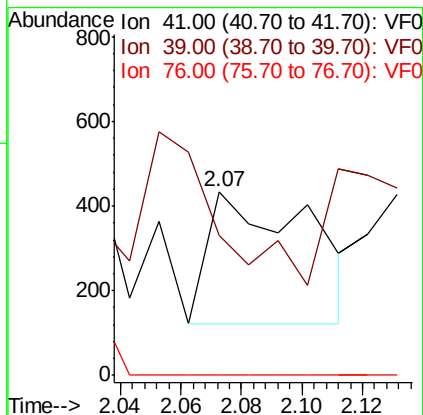
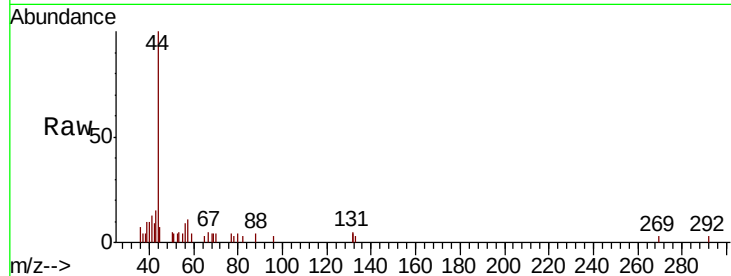




#14
Allvl chloride
Concen: 18.382 ug/l
RT: 2.07 min Scan# 146
Delta R.T. -0.02 min
Lab File: VF061218.D
Acq: 27 Dec 2018 20:02

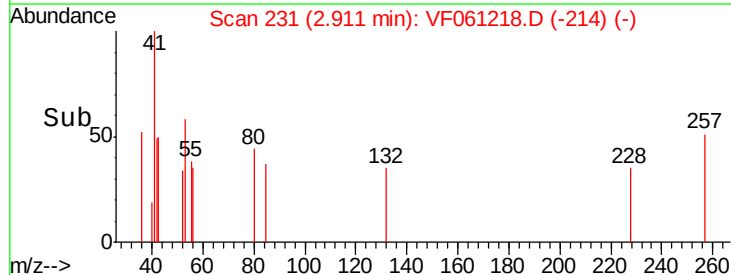
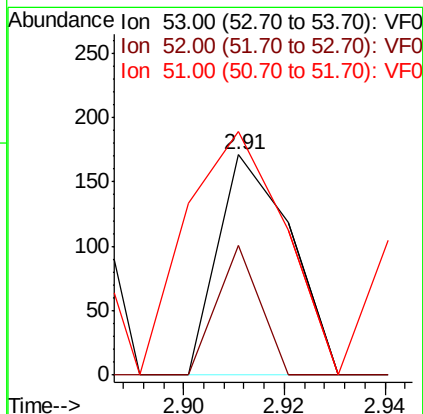
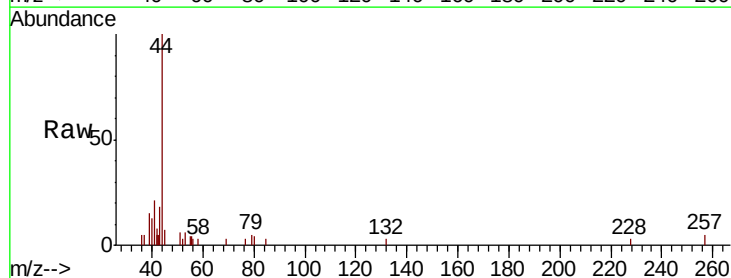
Instrument :
MSVOA_F
ClientSampleId :
S72-0053

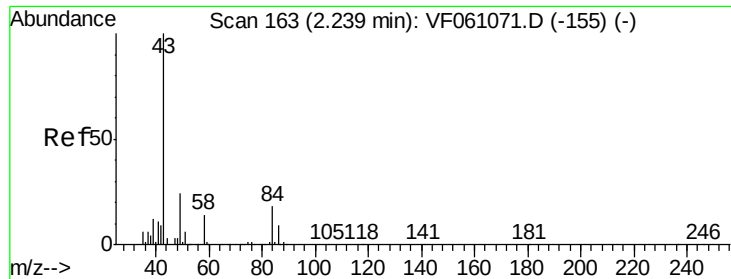
Tot Ion: 41 Resp: 717
Ion Ratio Lower Upper
41 100
39 76.5 96.4 144.6#
76 0.0 25.4 38.0#



#15
Acrylonitrile
Concen: 33.704 ug/l
RT: 2.91 min Scan# 231
Delta R.T. -0.03 min
Lab File: VF061218.D
Acq: 27 Dec 2018 20:02

Tgt Ion: 53 Resp: 172
Ion Ratio Lower Upper
53 100
52 59.1 71.3 106.9#
51 110.5 36.8 55.2#

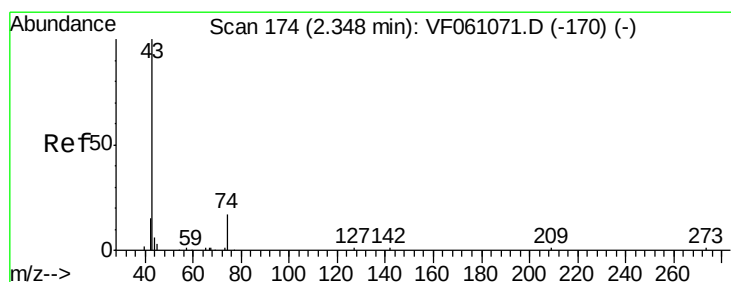
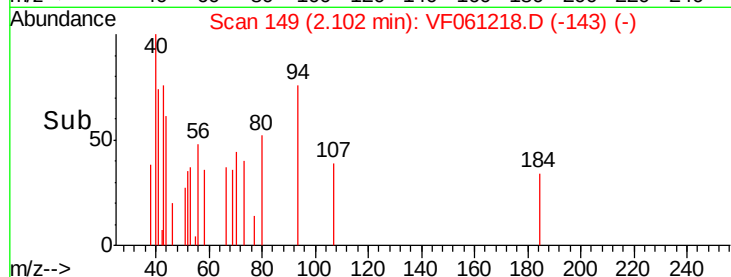
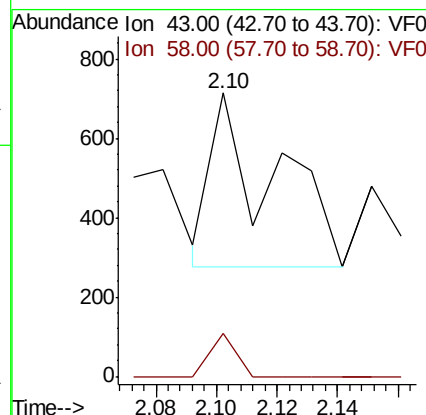
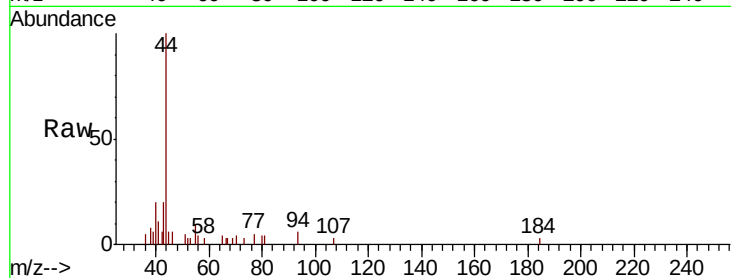




#16
Acetone
Concen: 57.717 ug/l
RT: 2.10 min Scan# 149
Delta R.T. -0.14 min
Lab File: VF061218.D
Acq: 27 Dec 2018 20:02

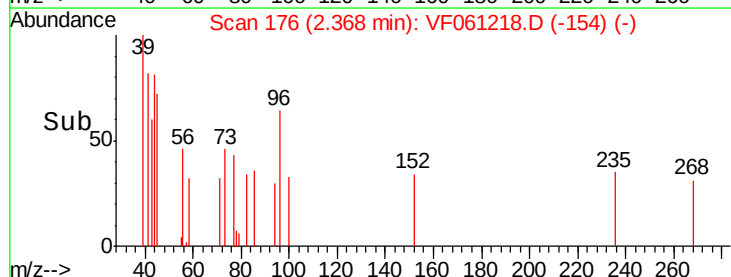
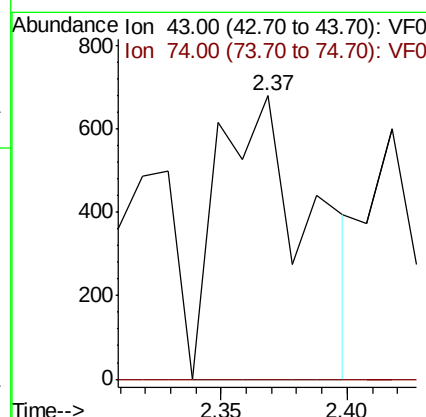
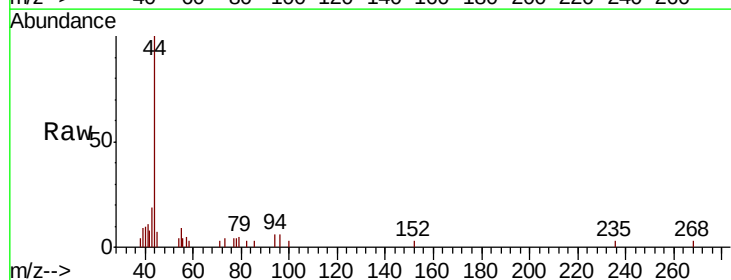
Instrument :
MSVOA_F
ClientSampleId :
S72-0053

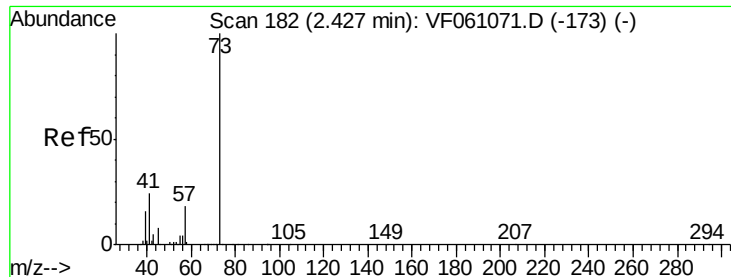
Tot Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
58 15.0 11.1 16.7



#18
Methyl Acetate
Concen: 76.794 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.02 min
Lab File: VF061218.D
Acq: 27 Dec 2018 20:02

Tgt Ion: 43 Resp: 1737
Ion Ratio Lower Upper
43 100
74 0.0 11.0 16.6#





#19

Methyl tert-butyl Ether

Concen: 1.719 ug/l

RT: 2.42 min Scan# 181

Delta R.T. -0.01 min

Lab File: VF061218.D

Acq: 27 Dec 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

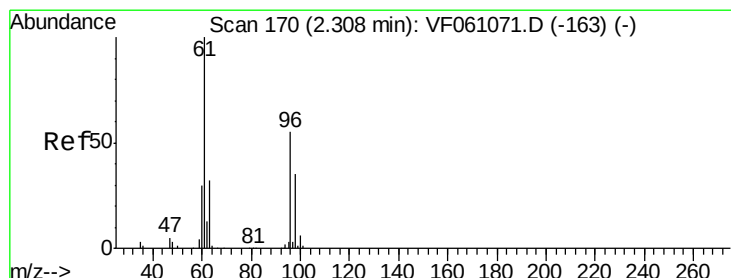
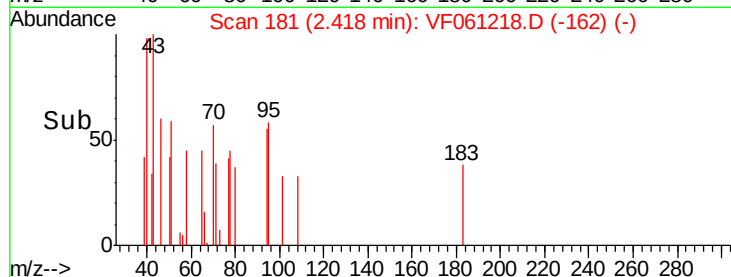
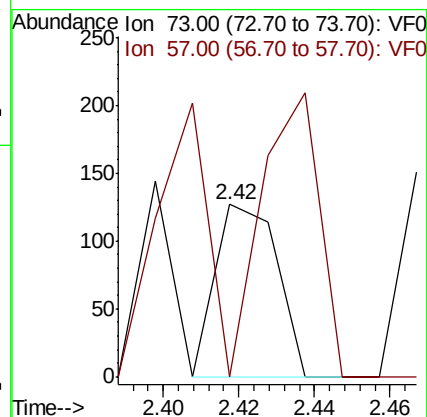
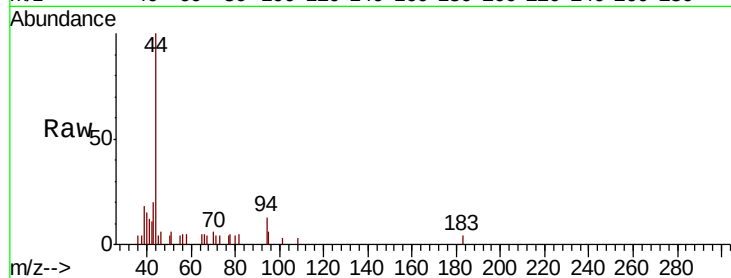
S72-0053

Tot Ion: 73 Resp: 143

Ion Ratio Lower Upper

73 100

57 0.0 14.5 21.7#



#21

trans-1,2-Dichloroethene

Concen: 1.497 ug/l

RT: 2.28 min Scan# 167

Delta R.T. -0.03 min

Lab File: VF061218.D

Acq: 27 Dec 2018 20:02

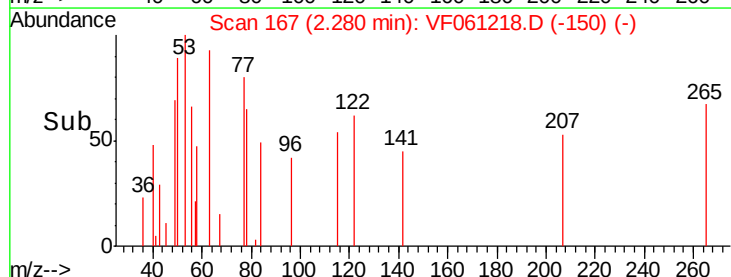
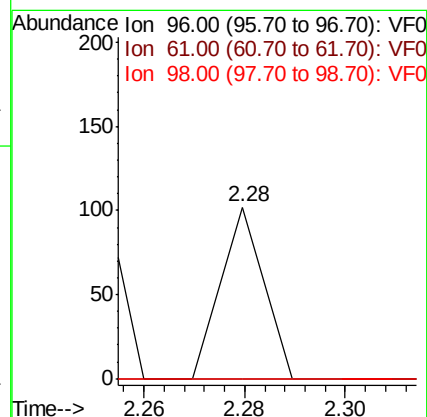
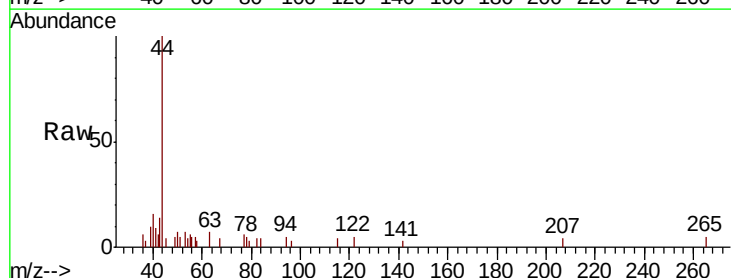
Tgt Ion: 96 Resp: 60

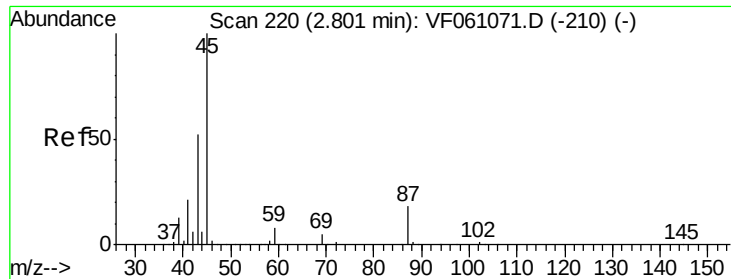
Ion Ratio Lower Upper

96 100

61 0.0 146.0 219.0#

98 0.0 51.6 77.4#





#22

Diisopropyl ether

Concen: 2.155 ug/l

RT: 2.82 min Scan# 222

Delta R.T. 0.02 min

Lab File: VF061218.D

Acq: 27 Dec 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

S72-0053

Tot Ion: 45 Resp: 280

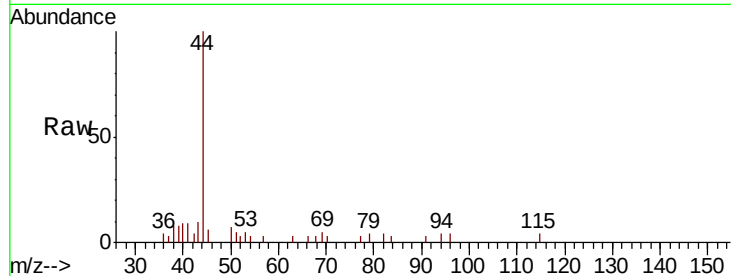
Ion Ratio Lower Upper

45 100

43 151.9 42.2 63.2#

87 0.0 14.6 22.0#

59 0.0 7.0 10.4#

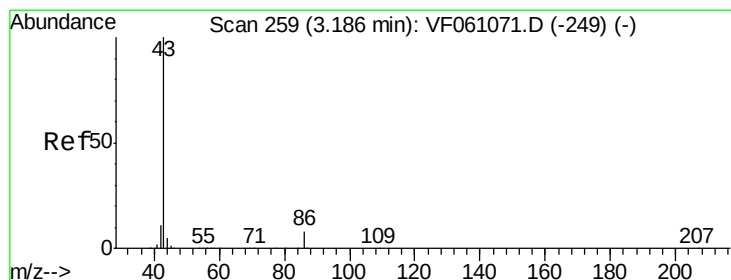
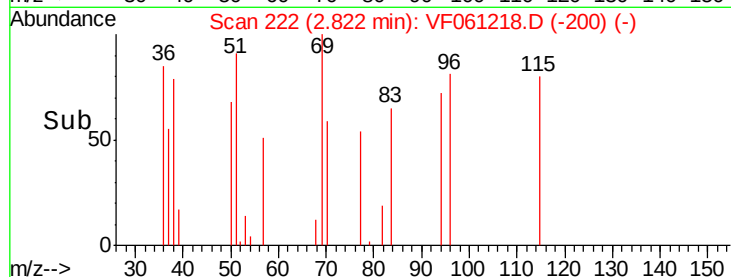
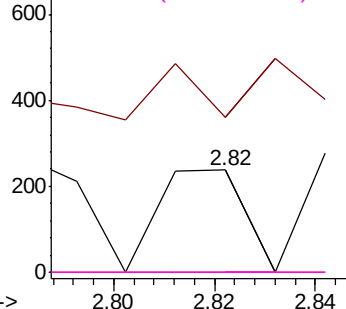


Abundance Ion 45.00 (44.70 to 45.70): VF0

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: 15.766 ug/l

RT: 3.17 min Scan# 257

Delta R.T. -0.02 min

Lab File: VF061218.D

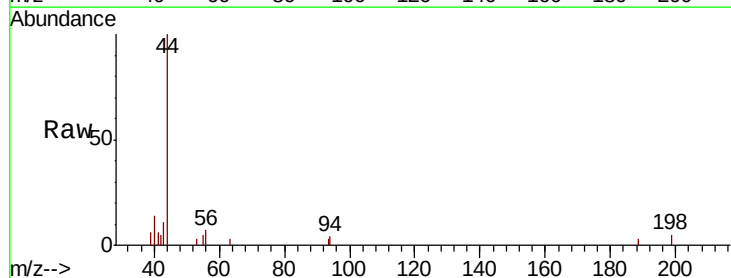
Acq: 27 Dec 2018 20:02

Tgt Ion: 43 Resp: 945

Ion Ratio Lower Upper

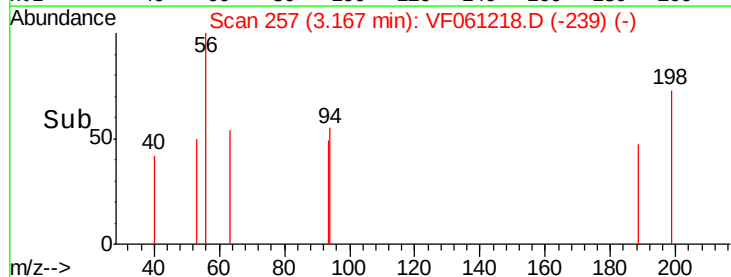
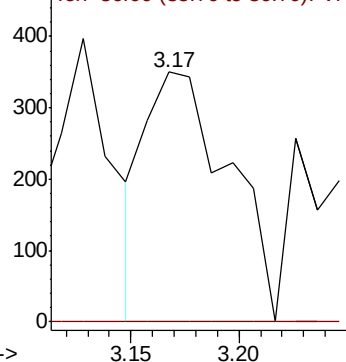
43 100

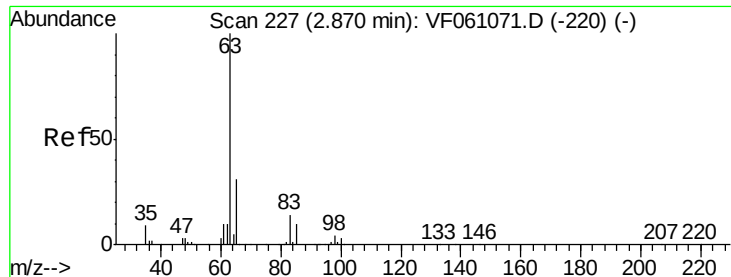
86 0.0 6.3 9.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

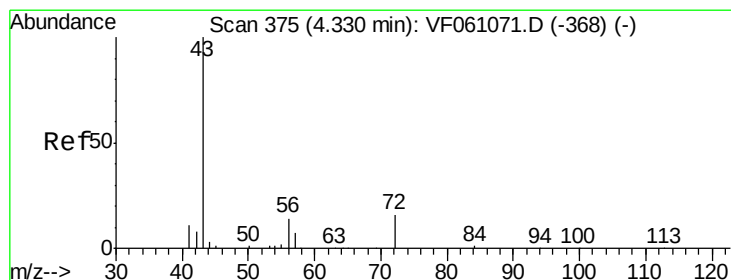
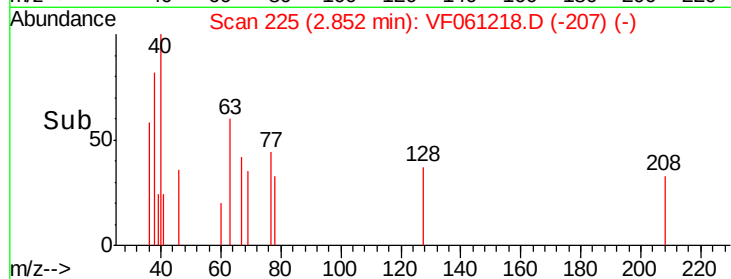
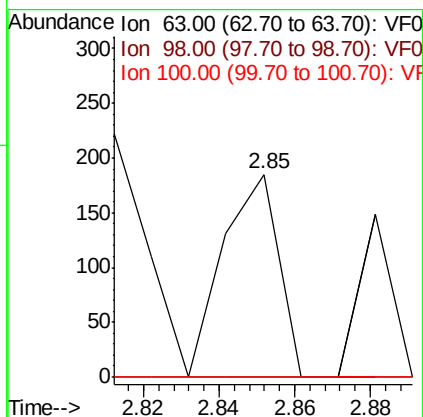
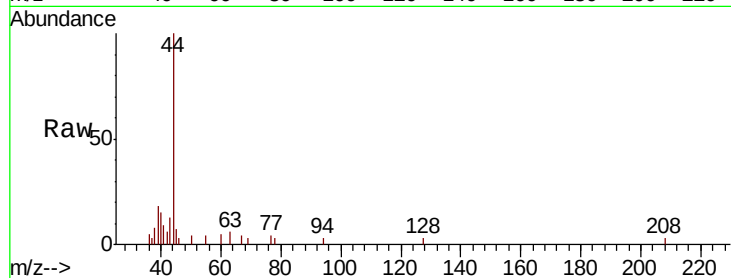




#24
 1,1-Dichloroethane
 Concen: 2.429 ug/l
 RT: 2.85 min Scan# 225
 Delta R.T. -0.02 min
 Lab File: VF061218.D
 Acq: 27 Dec 2018 20:02

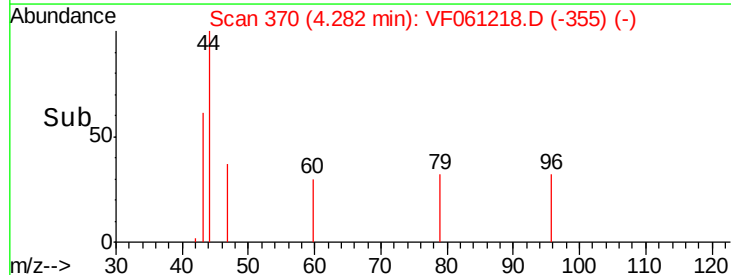
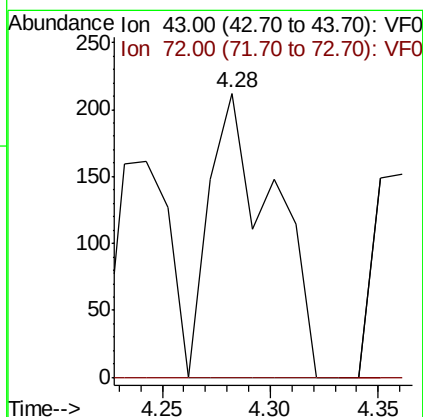
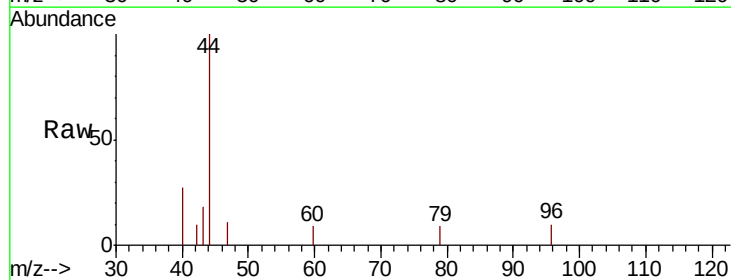
Instrument :
 MSVOA_F
 ClientSampleId :
 S72-0053

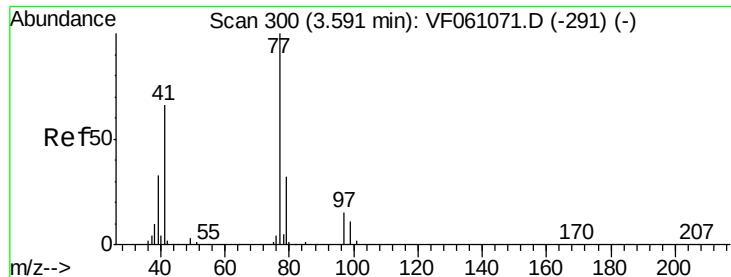
Tot Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.5#
100	0.0	1.7	5.1#



#25
 2-Butanone
 Concen: 24.477 ug/l
 RT: 4.28 min Scan# 370
 Delta R.T. -0.05 min
 Lab File: VF061218.D
 Acq: 27 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.6	23.4#





#26

2,2-Dichloropropane

Concen: 1.494 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.05 min

Lab File: VF061218.D

Acq: 27 Dec 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

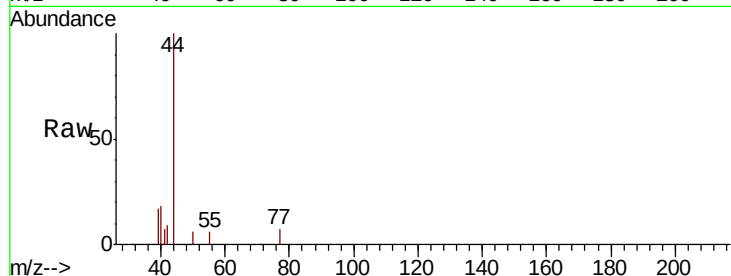
S72-0053

Tot Ion: 77 Resp: 66

Ion Ratio Lower Upper

77 100

97 0.0 8.2 24.4#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

3.54

120

100

80

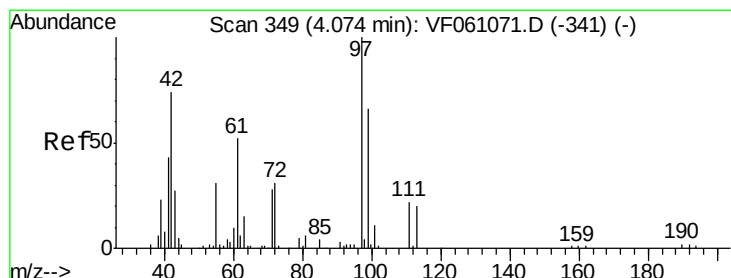
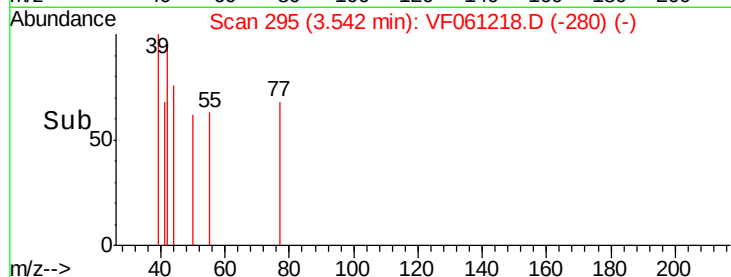
60

40

20

0

Time-->



#29

Tetrahydrofuran

Concen: 19.538 ug/l

RT: 4.05 min Scan# 346

Delta R.T. -0.03 min

Lab File: VF061218.D

Acq: 27 Dec 2018 20:02

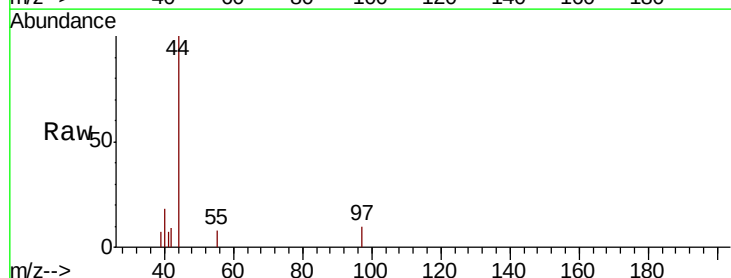
Tgt Ion: 42 Resp: 141

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

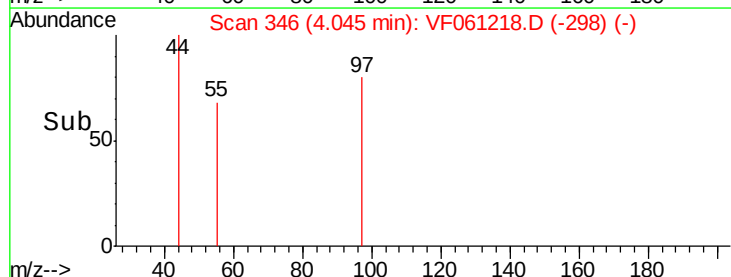
150

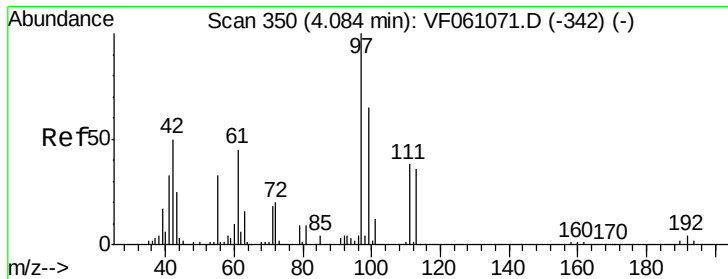
100

50

0

Time-->





#32

1,1,1-Trichloroethane

Concen: 1.272 ug/l

RT: 4.05 min Scan# 346

Delta R.T. -0.04 min

Lab File: VF061218.D

Acq: 27 Dec 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

S72-0053

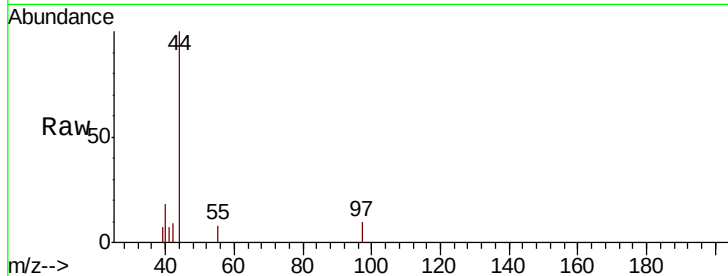
Tot Ion: 97 Resp: 88

Ion Ratio Lower Upper

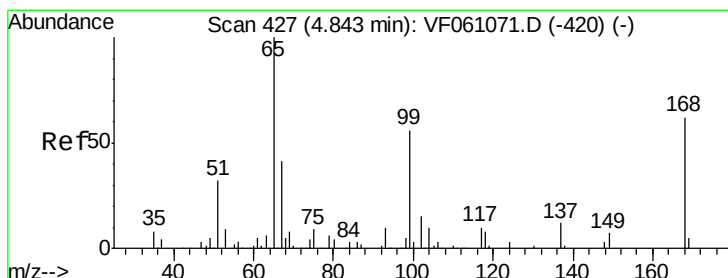
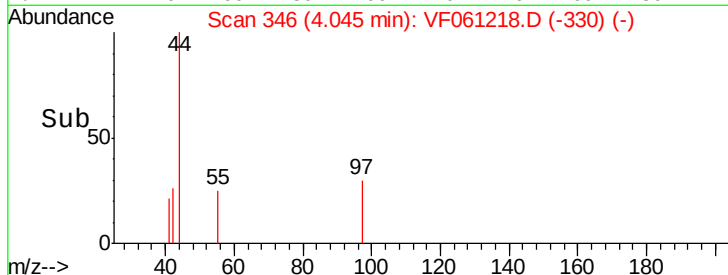
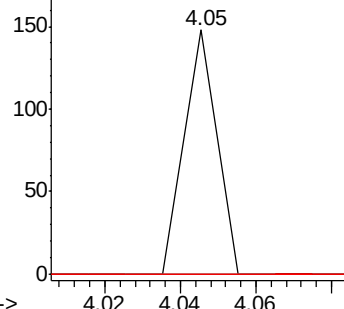
97 100

99 0.0 51.6 77.4#

61 0.0 36.2 54.2#



Abundance Ion 97.00 (96.70 to 97.70): VF0
Ion 99.00 (98.70 to 99.70): VF0
Ion 61.00 (60.70 to 61.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 18.706 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF061218.D

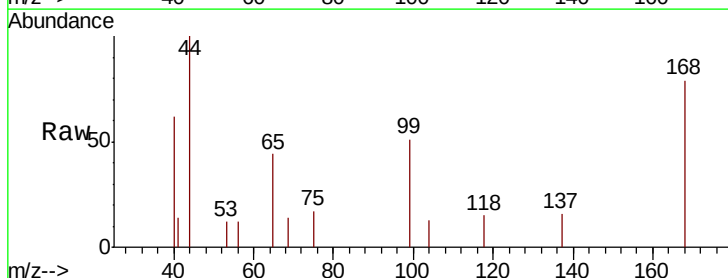
Acq: 27 Dec 2018 20:02

Tgt Ion: 65 Resp: 1023

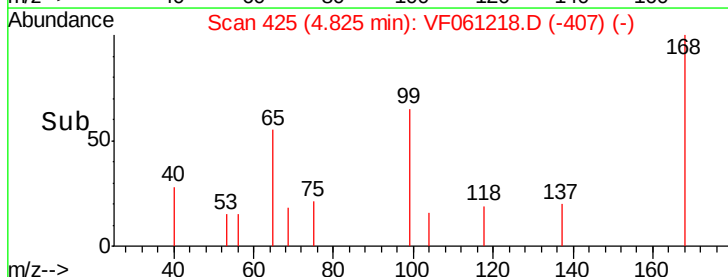
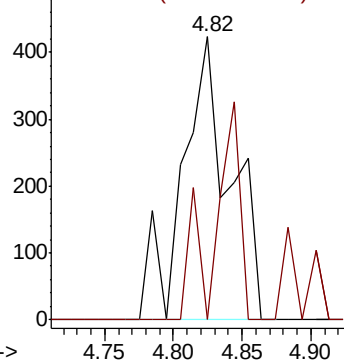
Ion Ratio Lower Upper

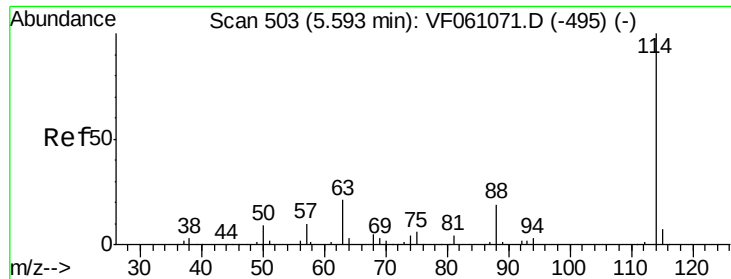
65 100

67 0.0 0.0 94.6



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

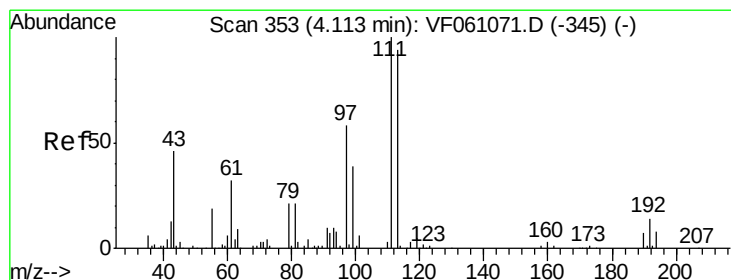
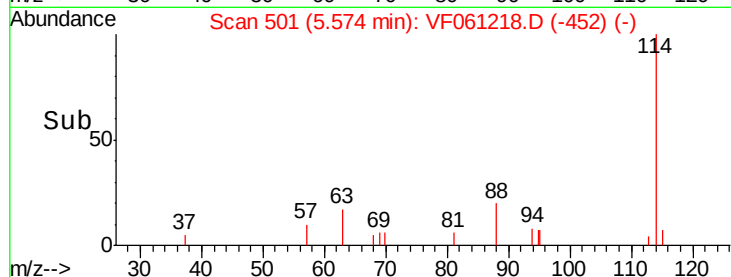
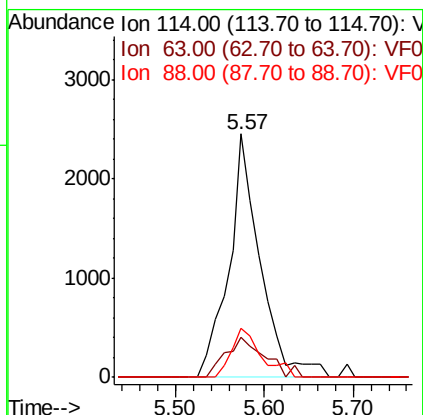
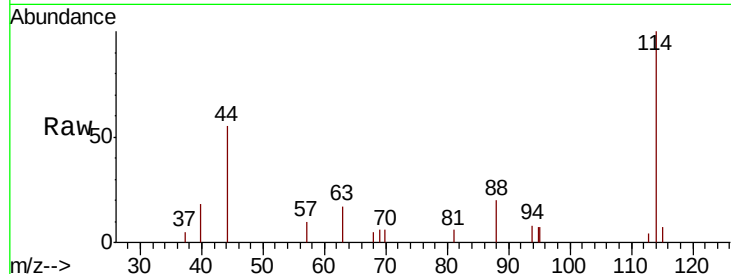




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.57 min Scan# 501
 Delta R.T. -0.02 min
 Lab File: VF061218.D
 Acq: 27 Dec 2018 20:02

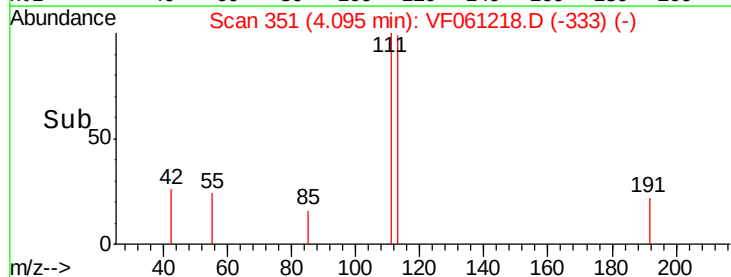
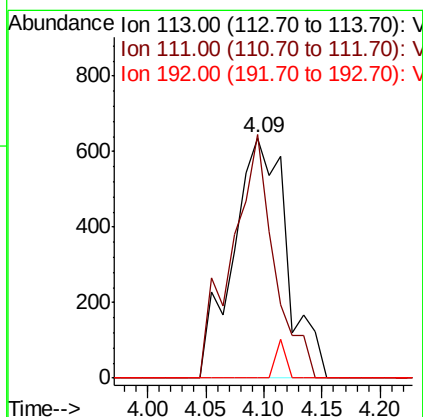
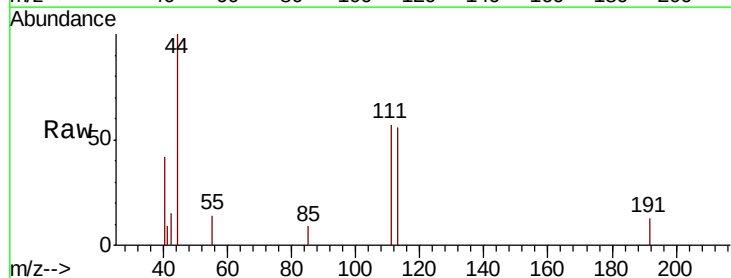
Instrument :
 MSVOA_F
 ClientSampleId :
 S72-0053

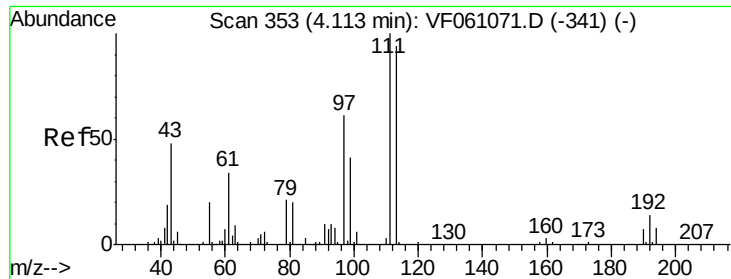
Tot Ion:114 Resp: 6040
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 41.6
 88 20.0 0.0 38.0



#35
 Dibromofluoromethane
 Concen: 42.204 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VF061218.D
 Acq: 27 Dec 2018 20:02

Tgt Ion:113 Resp: 2042
 Ion Ratio Lower Upper
 113 100
 111 101.4 85.2 127.8
 192 0.0 12.8 19.2#

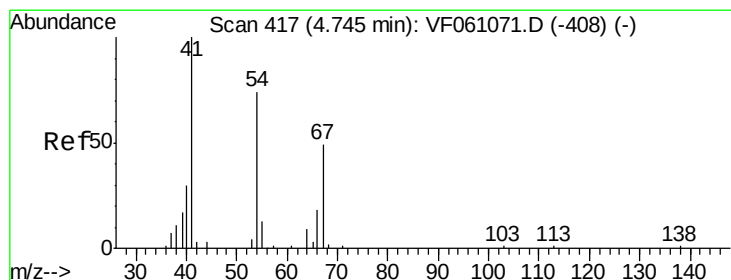
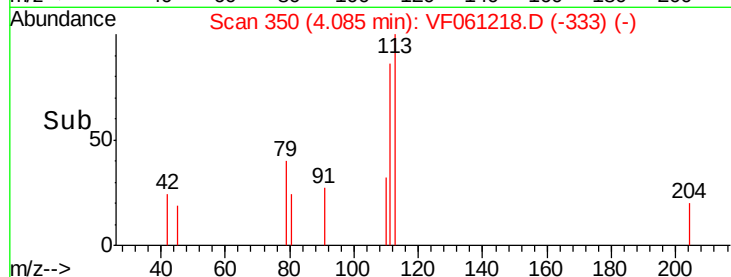
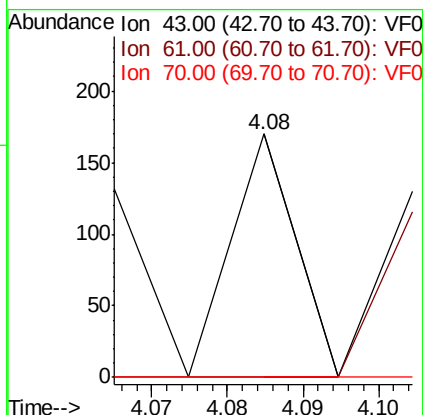
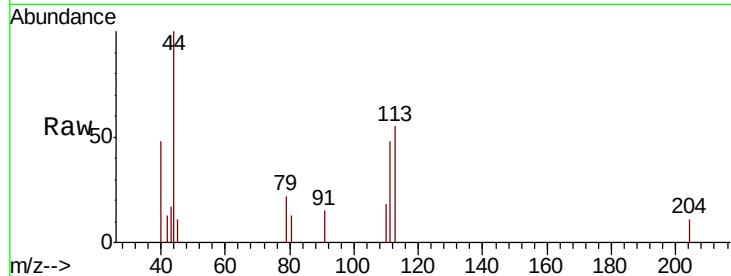




#37
Ethyl Acetate
Concen: 2.919 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.03 min
Lab File: VF061218.D
Acq: 27 Dec 2018 20:02

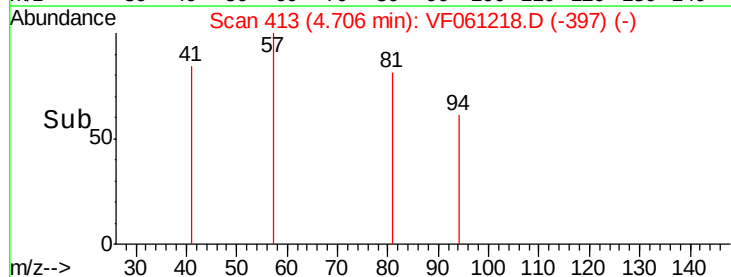
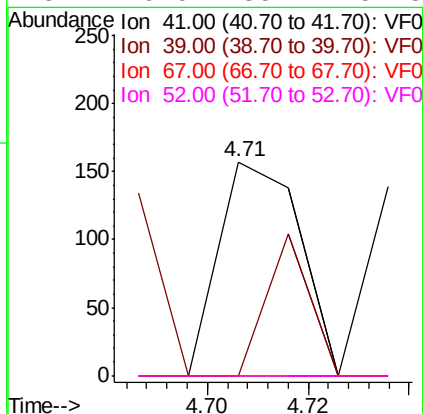
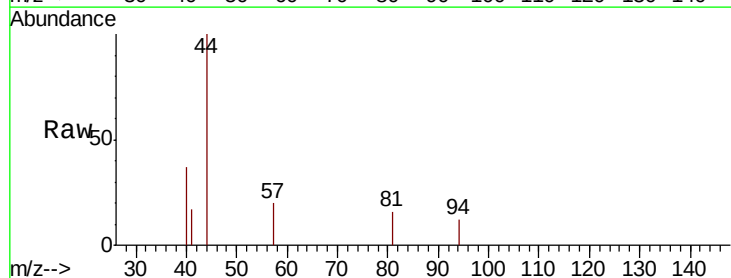
Instrument :
MSVOA_F
ClientSampleId :
S72-0053

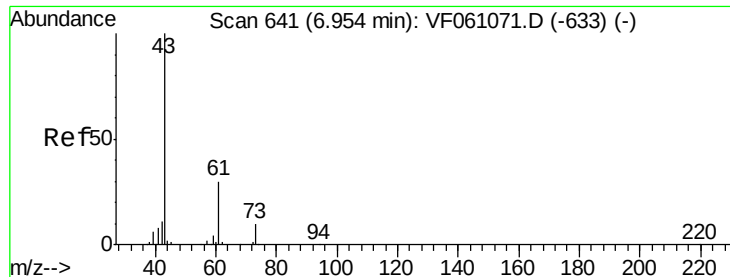
Tot Ion: 43 Resp: 101
Ion Ratio Lower Upper
43 100
61 0.0 56.6 84.8#
70 0.0 6.3 9.5#



#41
Methacrylonitrile
Concen: 11.366 ug/l
RT: 4.71 min Scan# 413
Delta R.T. -0.04 min
Lab File: VF061218.D
Acq: 27 Dec 2018 20:02

Tgt Ion: 41 Resp: 175
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: 7.471 ug/l

RT: 6.90 min Scan# 635

Delta R.T. -0.06 min

Lab File: VF061218.D

Acq: 27 Dec 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

S72-0053

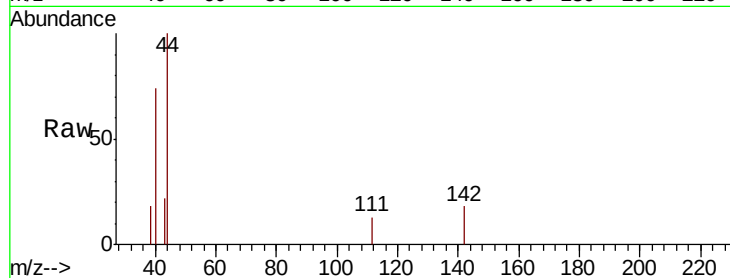
Tot Ion: 43 Resp: 263

Ion Ratio Lower Upper

43 100

61 0.0 23.8 35.8#

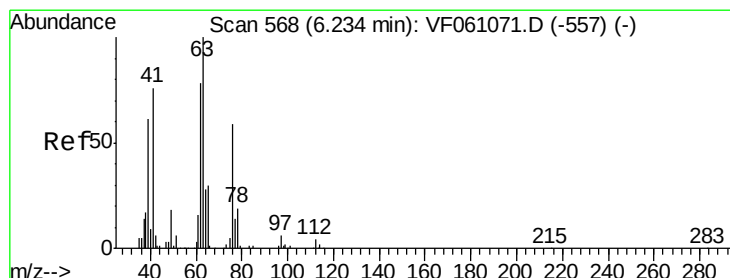
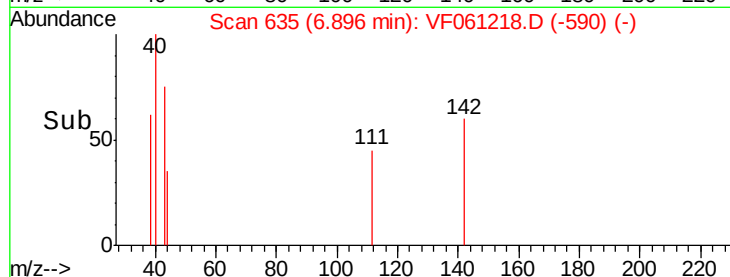
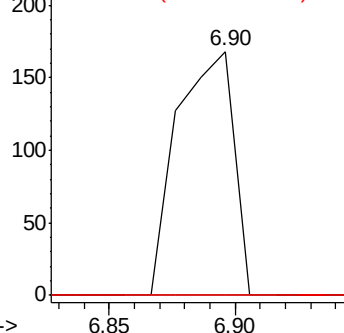
87 0.0 0.0 0.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



#45

1,2-Dichloropropane

Concen: 1.383 ug/l

RT: 6.07 min Scan# 551

Delta R.T. -0.17 min

Lab File: VF061218.D

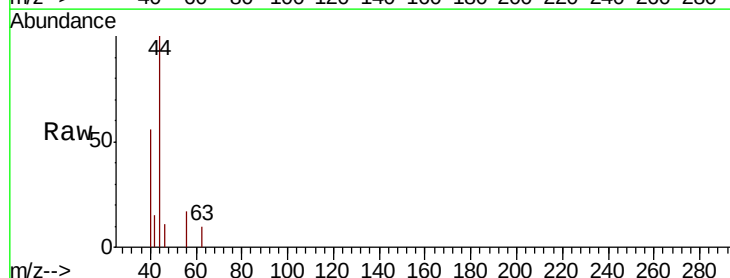
Acq: 27 Dec 2018 20:02

Tgt Ion: 63 Resp: 59

Ion Ratio Lower Upper

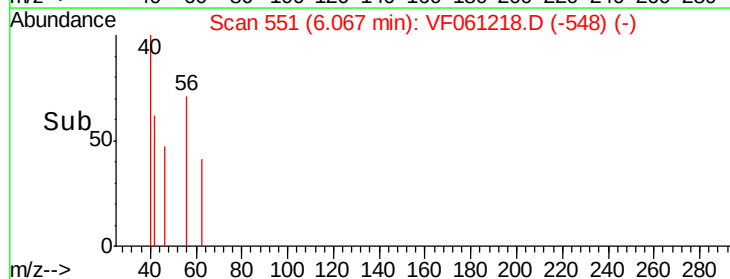
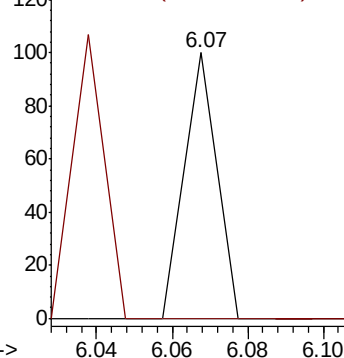
63 100

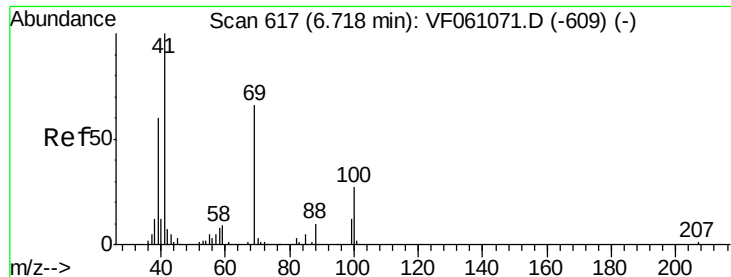
65 0.0 24.4 36.6#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

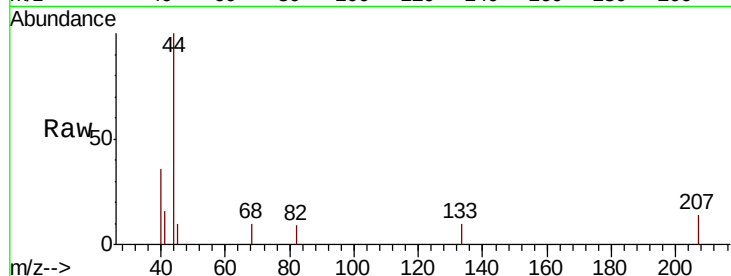




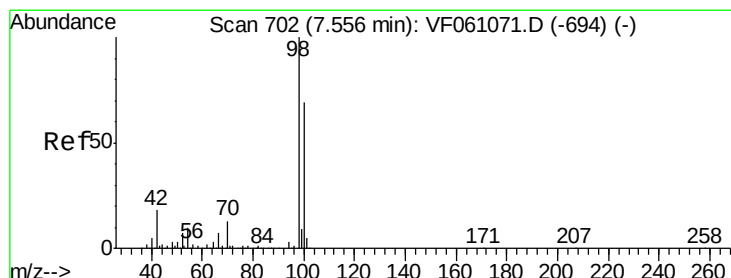
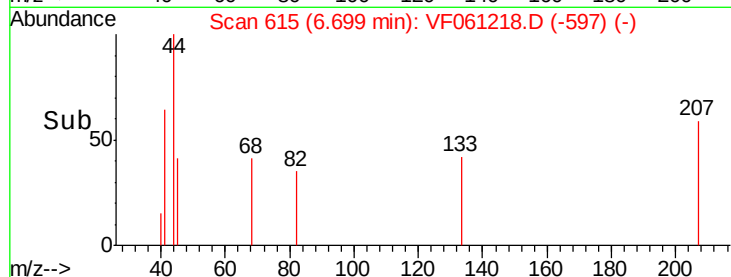
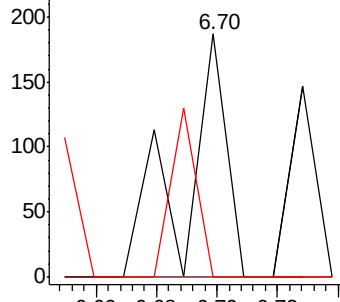
#48
Methvl methacrylate
Concen: 7.243 ug/l
RT: 6.70 min Scan# 615
Delta R.T. -0.02 min
Lab File: VF061218.D
Acq: 27 Dec 2018 20:02

Instrument :
MSVOA_F
ClientSampleId :
S72-0053

Tot Ion: 41 Resp: 178
Ion Ratio Lower Upper
41 100
69 0.0 52.7 79.1#
39 0.0 47.8 71.6#

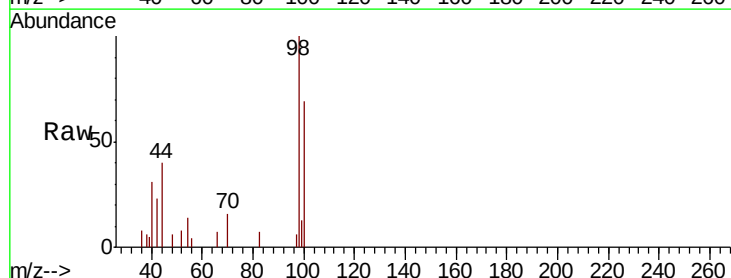


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0

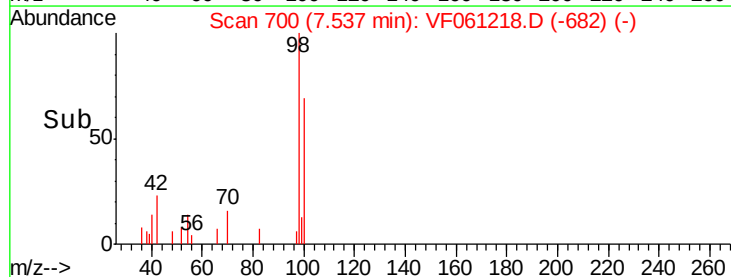
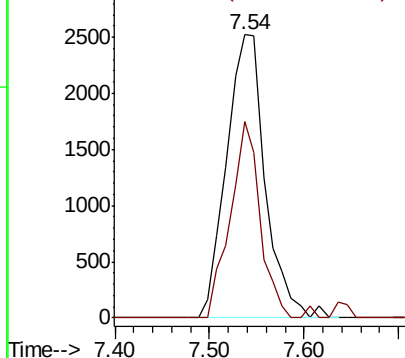


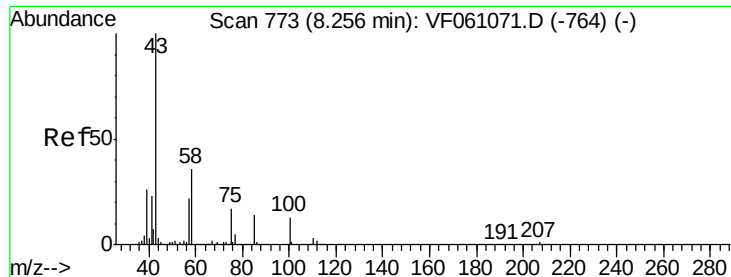
#50
Toluene-d8
Concen: 52.212 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061218.D
Acq: 27 Dec 2018 20:02

Tgt Ion: 98 Resp: 7159
Ion Ratio Lower Upper
98 100
100 69.5 55.3 82.9



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 7.331 ug/l

RT: 8.21 min Scan# 768

Delta R.T. -0.05 min

Lab File: VF061218.D

Acq: 27 Dec 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

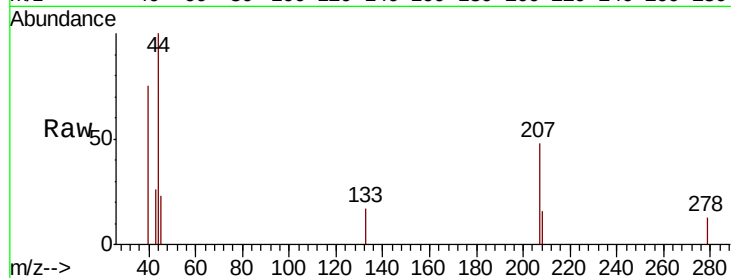
S72-0053

Tot Ion: 43 Resp: 177

Ion Ratio Lower Upper

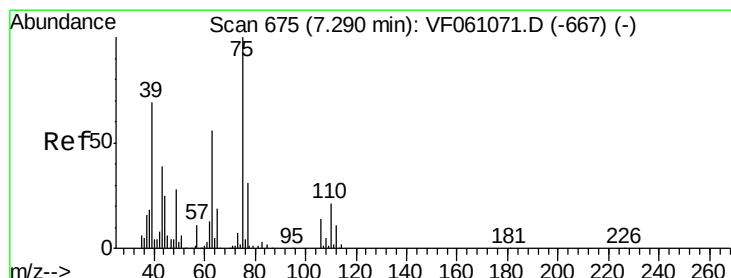
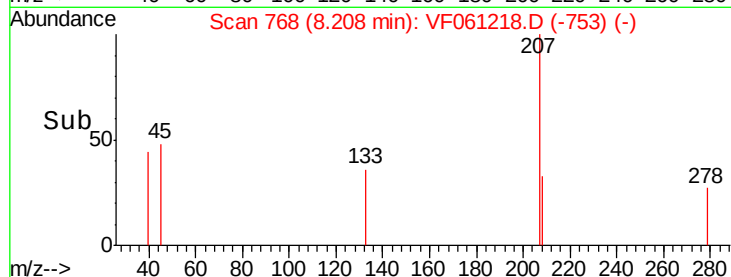
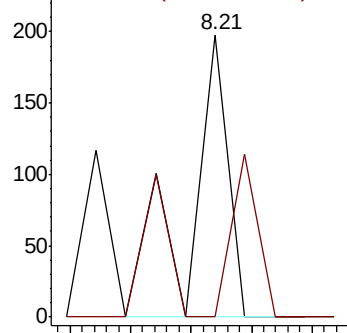
43 100

58 0.0 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 19.951 ug/l

RT: 7.12 min Scan# 658

Delta R.T. -0.17 min

Lab File: VF061218.D

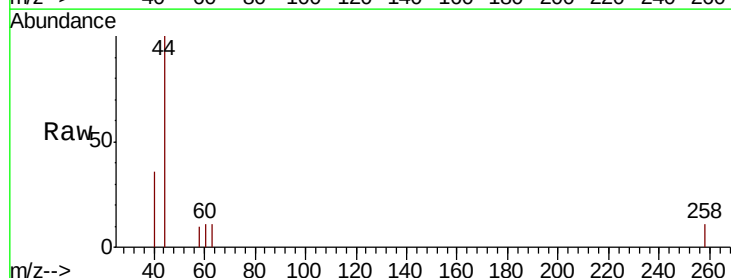
Acq: 27 Dec 2018 20:02

Tgt Ion: 63 Resp: 129

Ion Ratio Lower Upper

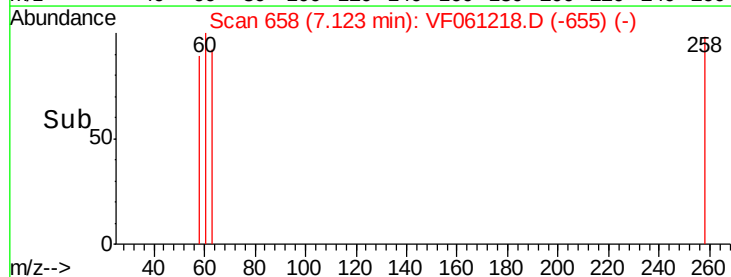
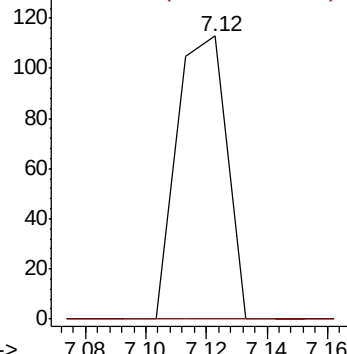
63 100

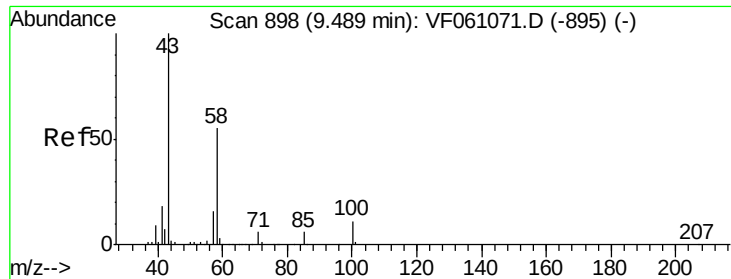
106 0.0 19.8 29.8#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

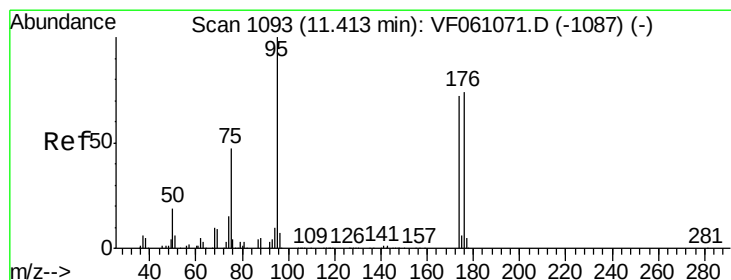
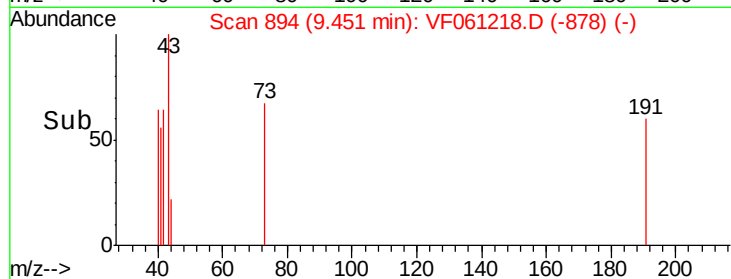
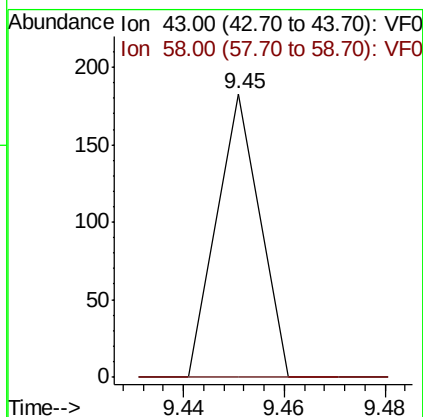
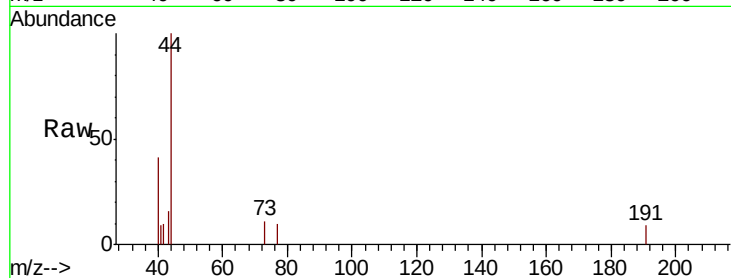




#59
2-Hexanone
Concen: 6.186 ug/l
RT: 9.45 min Scan# 894
Delta R.T. -0.04 min
Lab File: VF061218.D
Acq: 27 Dec 2018 20:02

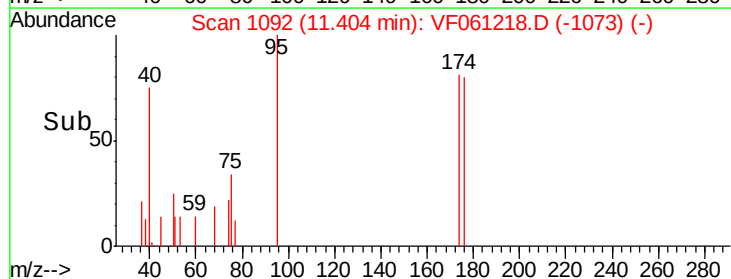
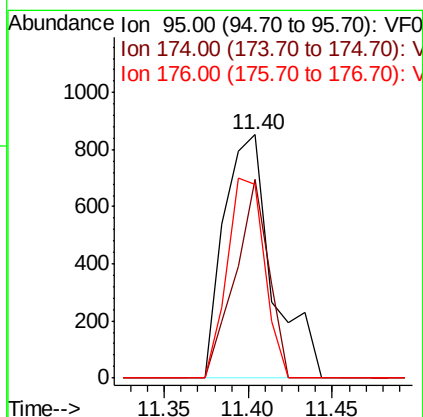
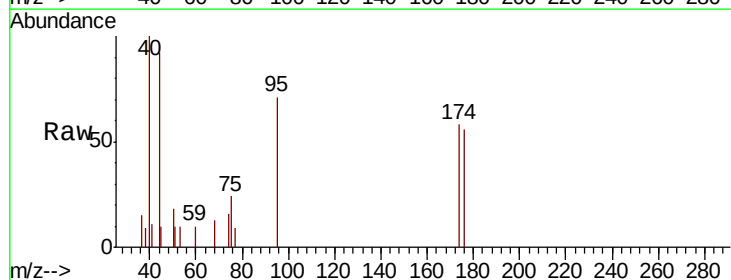
Instrument :
MSVOA_F
ClientSampleId :
S72-0053

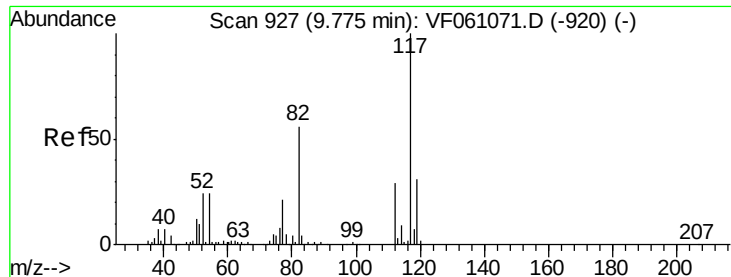
Tot Ion: 43 Resp: 108
Ion Ratio Lower Upper
43 100
58 0.0 25.1 75.2#



#62
4-Bromofluorobenzene
Concen: 26.973 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061218.D
Acq: 27 Dec 2018 20:02

Tgt Ion: 95 Resp: 1705
Ion Ratio Lower Upper
95 100
174 81.5 0.0 143.8
176 79.7 0.0 147.6

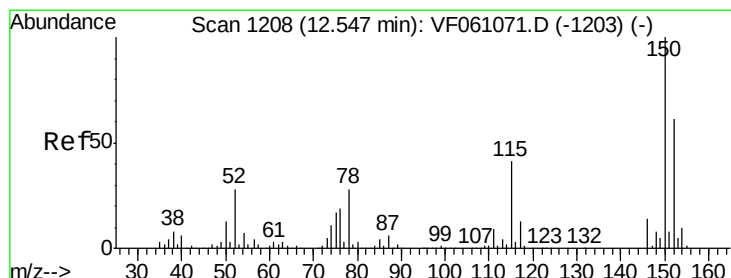
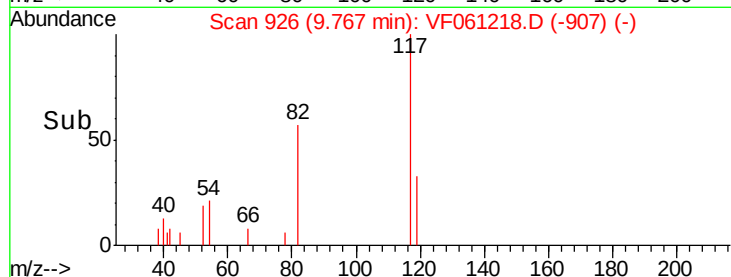
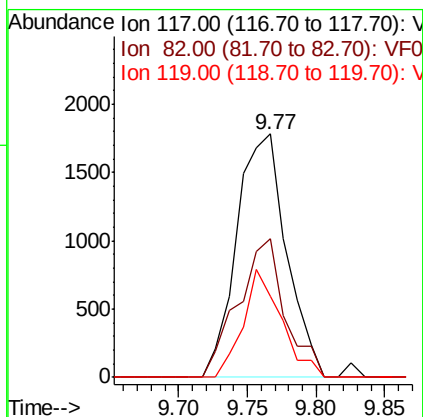
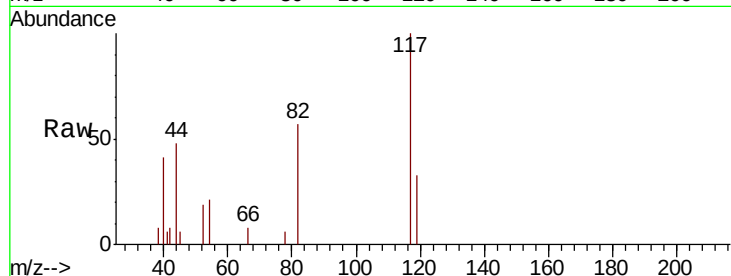




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061218.D
Acq: 27 Dec 2018 20:02

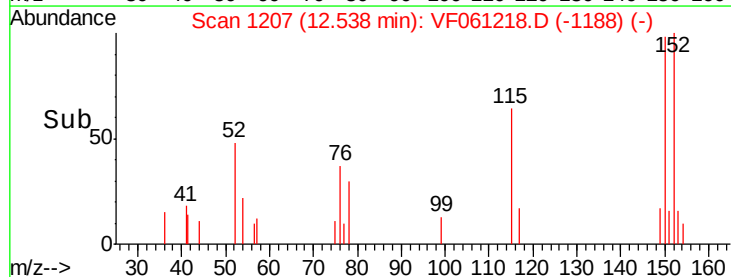
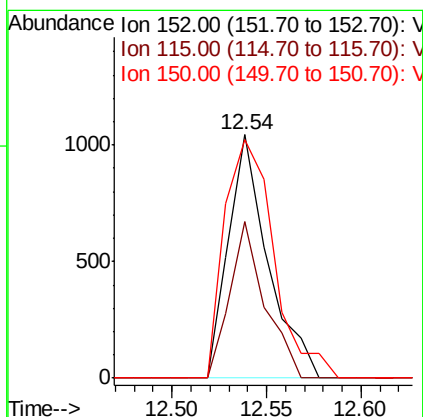
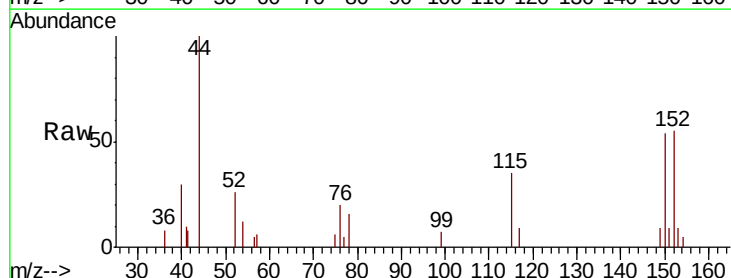
Instrument :
MSVOA_F
ClientSampleId :
S72-0053

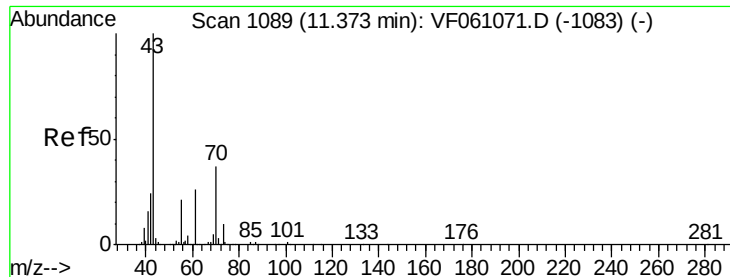
Tot Ion:117 Resp: 4481
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.4
119 33.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061218.D
Acq: 27 Dec 2018 20:02

Tgt Ion:152 Resp: 1511
Ion Ratio Lower Upper
152 100
115 64.3 33.3 99.9
150 97.9 0.0 328.2





#74

N-amvl acetate

Concen: 6.157 ug/l

RT: 11.38 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VF061218.D

Acq: 27 Dec 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

S72-0053

Tot Ion: 43 Resp: 178

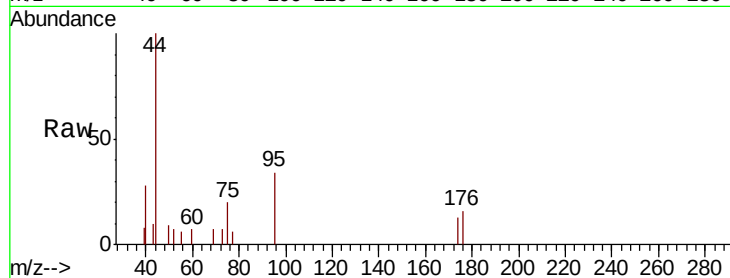
Ion Ratio Lower Upper

43 100

70 0.0 29.2 43.8#

55 66.2 16.5 24.7#

61 0.0 20.7 31.1#

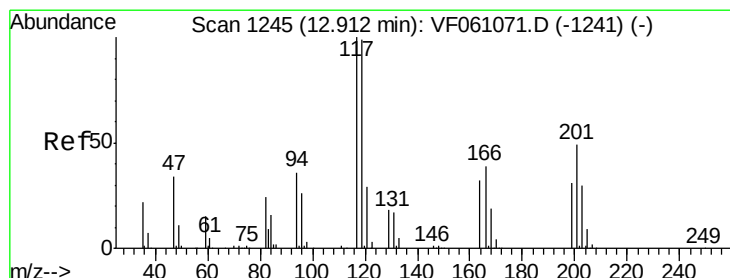
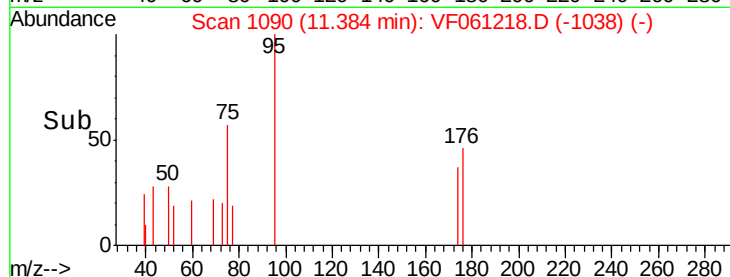
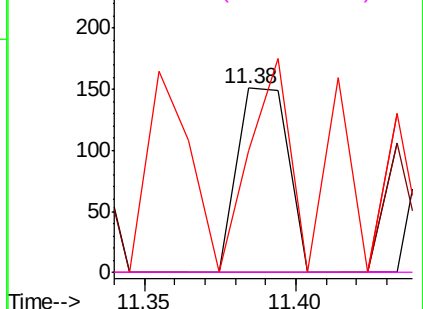


Abundance Ion 43.00 (42.70 to 43.70): VF0

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



#90

Hexachloroethane

Concen: 2.201 ug/l

RT: 12.83 min Scan# 1237

Delta R.T. -0.08 min

Lab File: VF061218.D

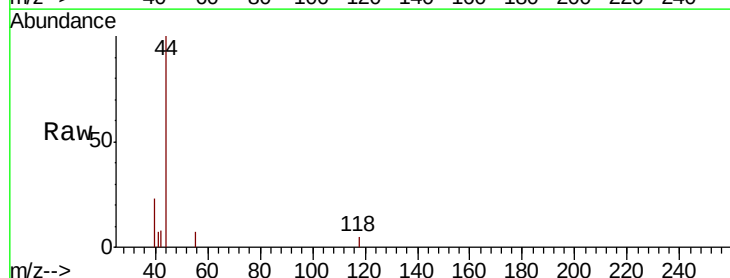
Acq: 27 Dec 2018 20:02

Tgt Ion: 117 Resp: 65

Ion Ratio Lower Upper

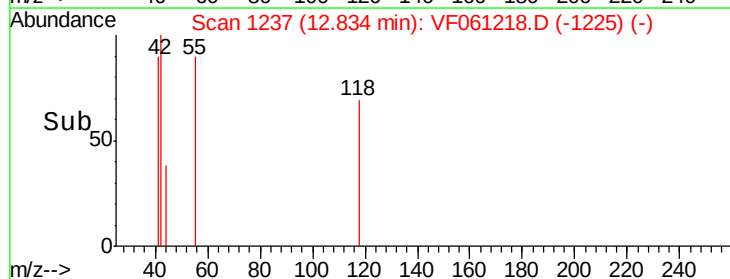
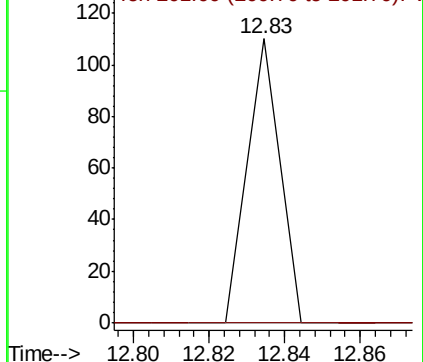
117 100

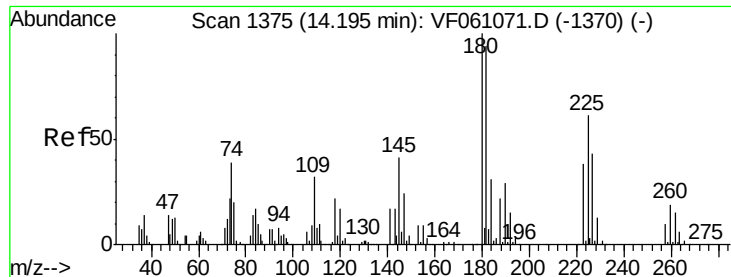
201 0.0 24.9 74.8#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

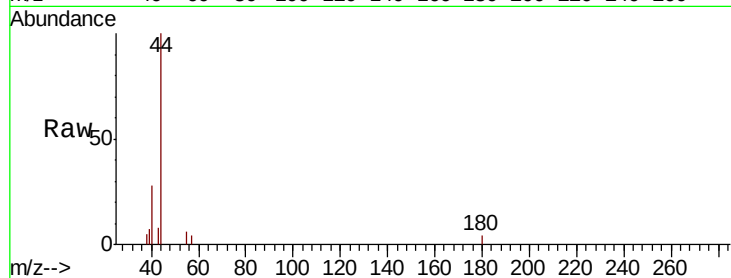




#93
 1,2,4-Trichlorobenzene
 Concen: 1.660 ug/l
 RT: 14.24 min Scan# 1380
 Delta R.T. 0.05 min
 Lab File: VF061218.D
 Acq: 27 Dec 2018 20:02

Instrument :
 MSVOA_F
 ClientSampleId :
 S72-0053

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.9	140.6#
145	0.0	20.5	61.6#



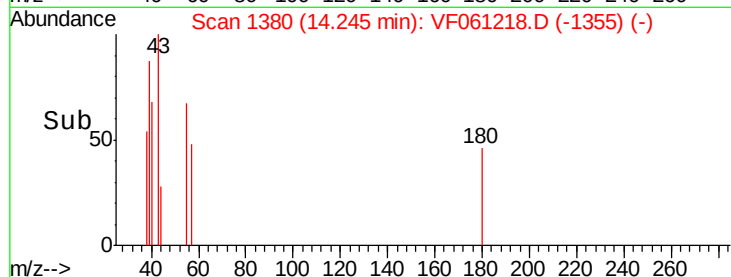
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

14.24



Time-->