

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022719\
 Data File : VF061780.D
 Acq On : 27 Feb 2019 21:50
 Operator : VA/AP
 Sample : K1340-01
 Misc : 7.83g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Feb 28 01:02:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	5758	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	6797	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	3132	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	1193	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	678	16.06	ug/l	-0.01
Spiked Amount 50.000			Recovery =	32.12%		
35) Dibromofluoromethane	4.11	113	1480	29.32	ug/l	-0.01
Spiked Amount 50.000			Recovery =	58.64%		
50) Toluene-d8	7.55	98	5078	35.00	ug/l	-0.01
Spiked Amount 50.000			Recovery =	70.00%		
62) 4-Bromofluorobenzene	11.42	95	1170	19.93	ug/l	0.00
Spiked Amount 50.000			Recovery =	39.86%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.81	85	69	1.043	ug/l #	43
3) Chloromethane	1.14	50	80	1.153	ug/l #	42
4) Vinyl Chloride	1.13	62	221	3.427	ug/l #	40
5) Bromomethane	1.35	94	842	18.969	ug/l #	3
6) Chloroethane	1.43	64	93	2.926	ug/l #	40
8) Diethyl Ether	1.51	74	182	9.284	ug/l	76
11) Tert butyl alcohol	2.48	59	98	40.104	ug/l #	1
12) 1,1-Dichloroethene	1.76	96	331	6.708	ug/l #	1
13) Acrolein	1.99	56	455	148.147	ug/l	100
14) Allyl chloride	2.11	41	822	13.577	ug/l #	57
15) Acrylonitrile	2.94	53	69	7.961	ug/l #	62
16) Acetone	2.16	43	611	67.444	ug/l	90
18) Methyl Acetate	2.37	43	1374	67.324	ug/l #	59
21) trans-1,2-Dichloroethene	2.27	96	134	2.498	ug/l #	1
22) Diisopropyl ether	2.81	45	227	1.562	ug/l #	1
23) Vinyl Acetate	3.20	43	815	11.481	ug/l #	74
25) 2-Butanone	4.34	43	390	19.708	ug/l #	55
26) 2,2-Dichloropropane	3.58	77	76	2.040	ug/l #	52
29) Tetrahydrofuran	4.07	42	223	24.794	ug/l #	33
31) Cyclohexane	3.56	56	331	3.476	ug/l #	16
36) 1,1-Dichloropropene	4.31	75	142	2.109	ug/l #	37
37) Ethyl Acetate	4.12	43	304	9.720	ug/l #	30
41) Methacrylonitrile	4.73	41	273	17.069	ug/l #	25
43) Isopropyl Acetate	6.96	43	193	5.214	ug/l #	43
45) 1,2-Dichloropropane	6.36	63	65	1.527	ug/l #	44
48) Methyl methacrylate	6.66	41	140	6.284	ug/l #	17
51) 4-Methyl-2-Pentanone	8.25	43	137	5.179	ug/l #	34
53) t-1,3-Dichloropropene	8.42	75	62	1.298	ug/l #	42
54) cis-1,3-Dichloropropene	7.28	75	81	1.273	ug/l #	45
55) 1,1,2-Trichloroethane	8.41	97	75	2.390	ug/l #	16
59) 2-Hexanone	9.50	43	60	3.236	ug/l #	23
74) N-amyl acetate	11.41	43	70	3.433	ug/l #	44

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

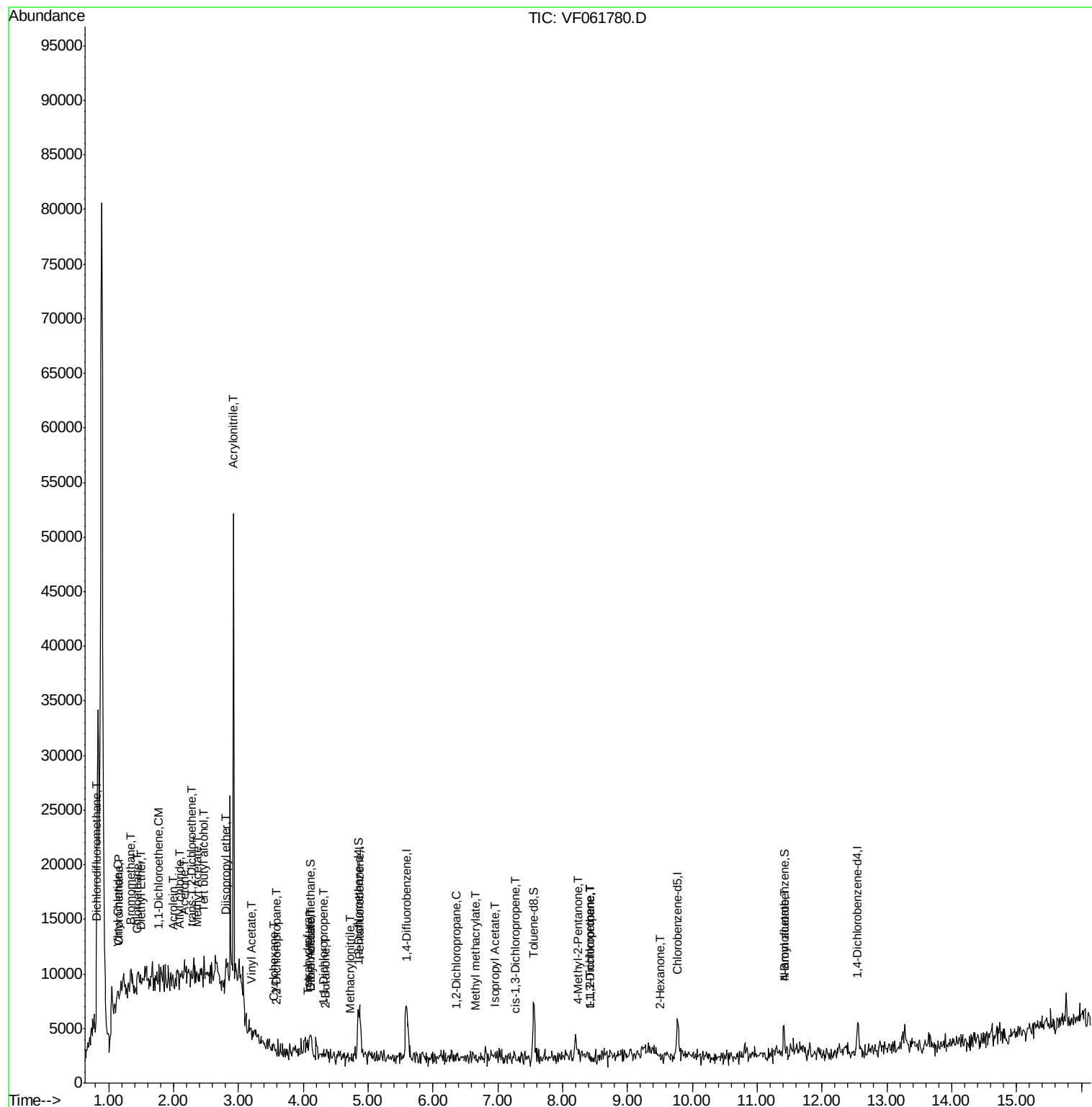
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

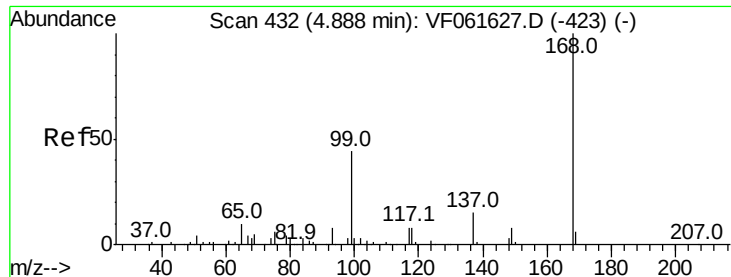
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.02 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

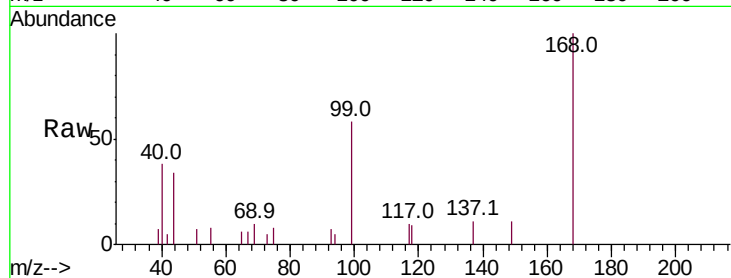
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 5758

Ion Ratio Lower Upper

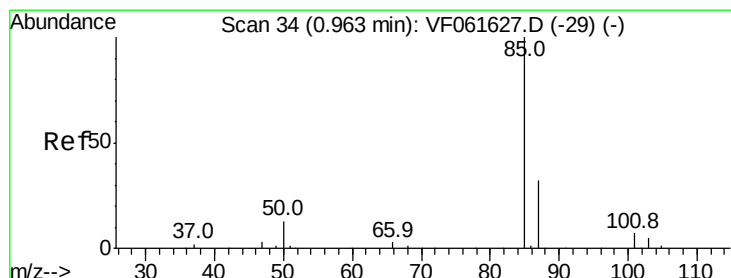
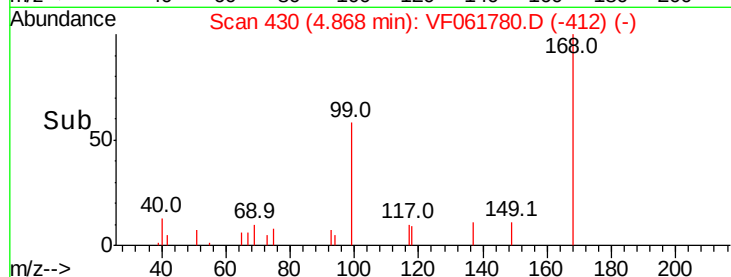
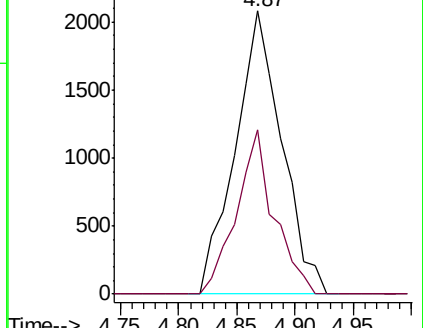
168 100

99 58.3 34.9 52.3#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 1.043 ug/l

RT: 0.81 min Scan# 18

Delta R.T. -0.16 min

Lab File: VF061780.D

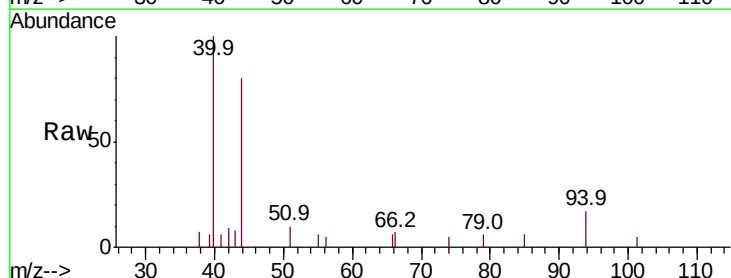
Acq: 27 Feb 2019 21:50

Tgt Ion: 85 Resp: 69

Ion Ratio Lower Upper

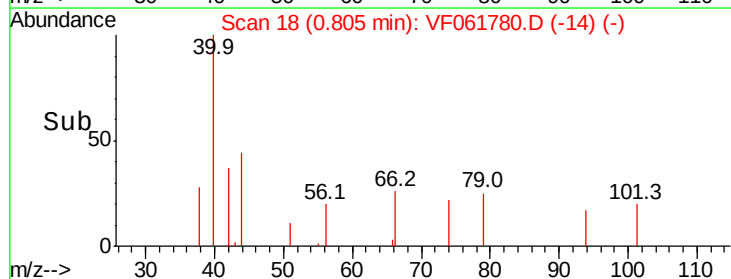
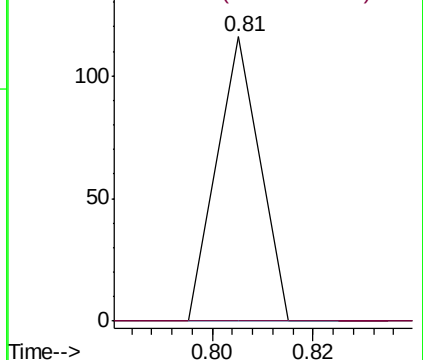
85 100

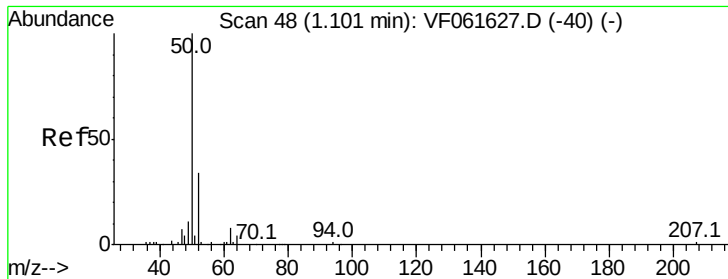
87 0.0 16.1 48.2#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 1.153 ug/l

RT: 1.14 min Scan# 52

Delta R.T. 0.04 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

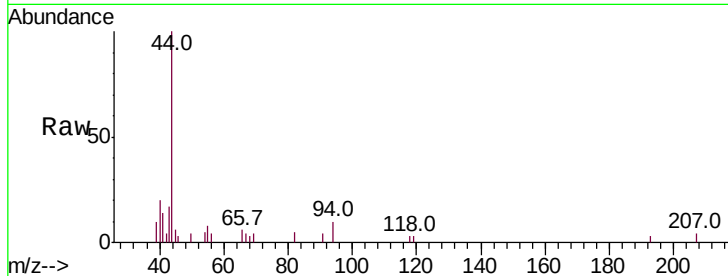
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 50 Resp: 80

Ion Ratio Lower Upper

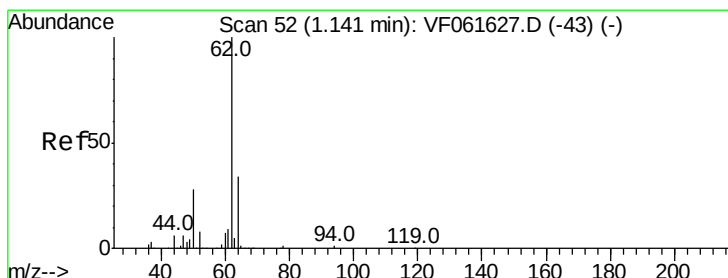
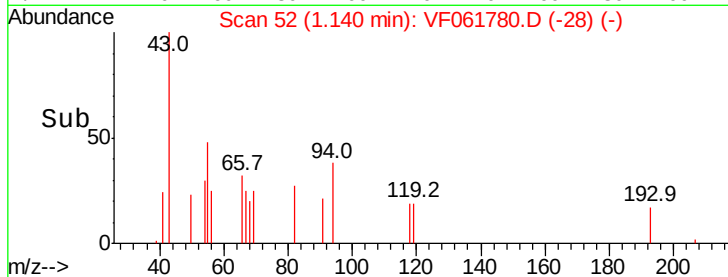
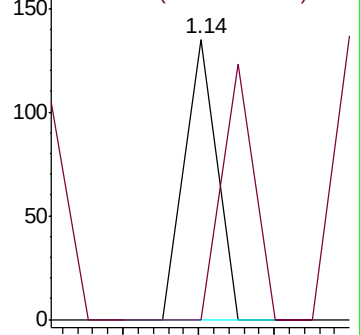
50 100

52 0.0 26.2 39.4#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 3.427 ug/l

RT: 1.13 min Scan# 51

Delta R.T. -0.01 min

Lab File: VF061780.D

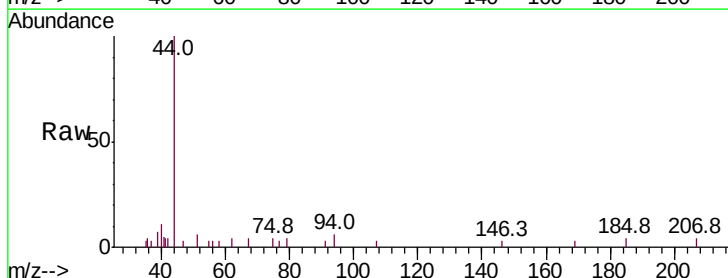
Acq: 27 Feb 2019 21:50

Tgt Ion: 62 Resp: 221

Ion Ratio Lower Upper

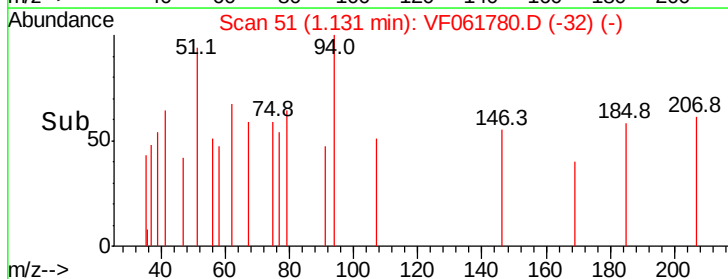
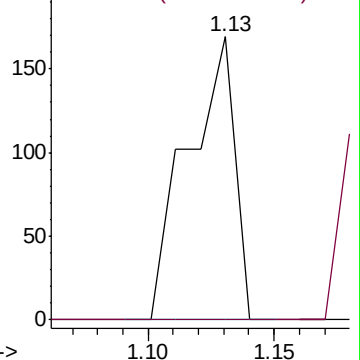
62 100

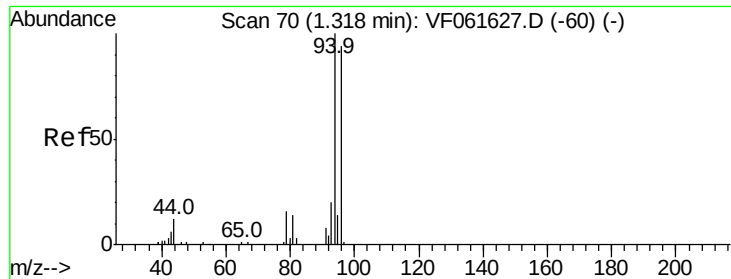
64 0.0 27.5 41.3#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 18.969 ug/l

RT: 1.35 min Scan# 73

Delta R.T. 0.03 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

Instrument :

MSVOA_F

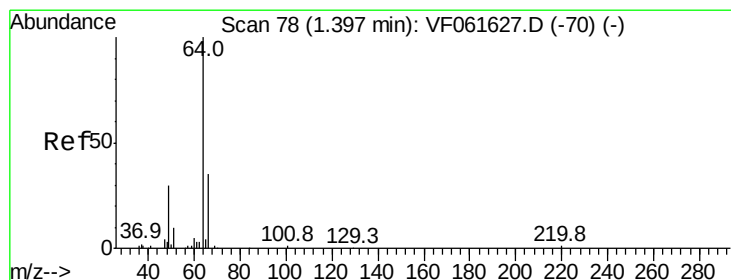
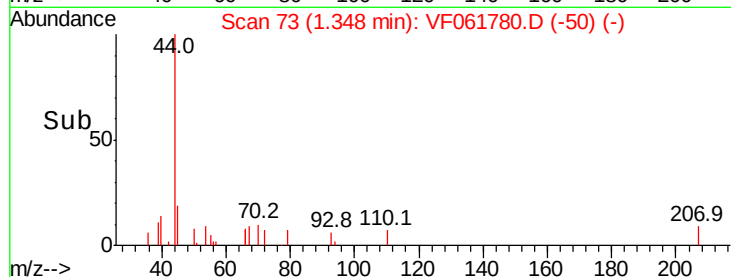
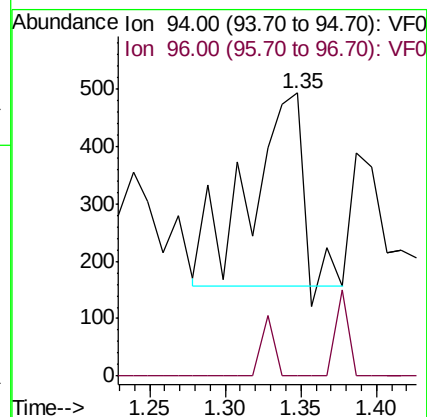
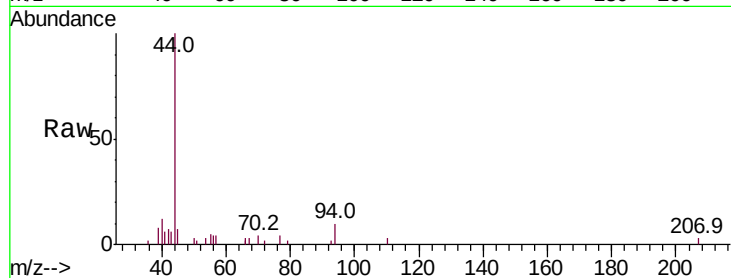
ClientSampleId :

Tot Ion: 94 Resp: 842

Ion Ratio Lower Upper

94 100

96 0.0 74.6 112.0#



#6

Chloroethane

Concen: 2.926 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.03 min

Lab File: VF061780.D

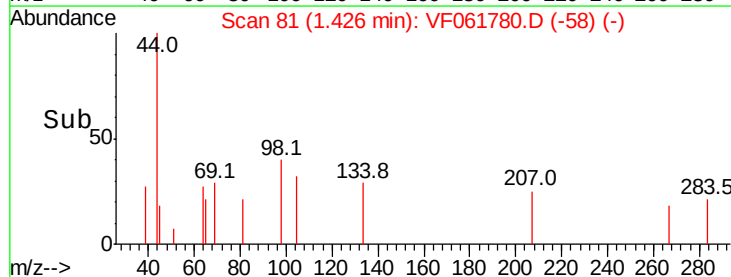
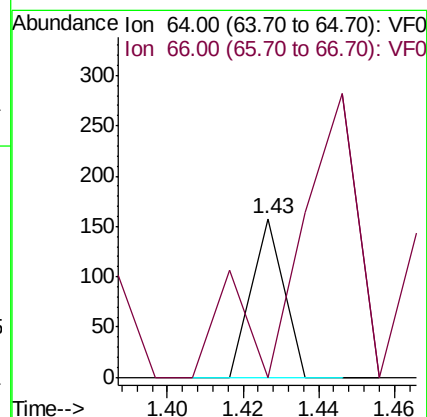
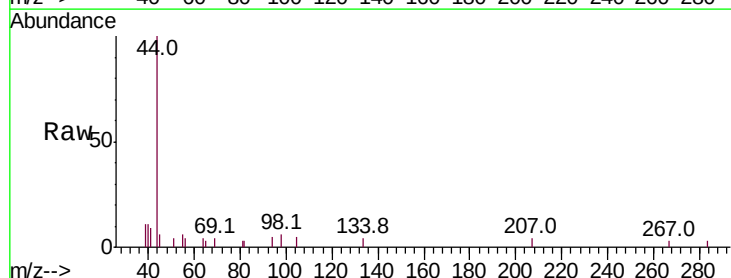
Acq: 27 Feb 2019 21:50

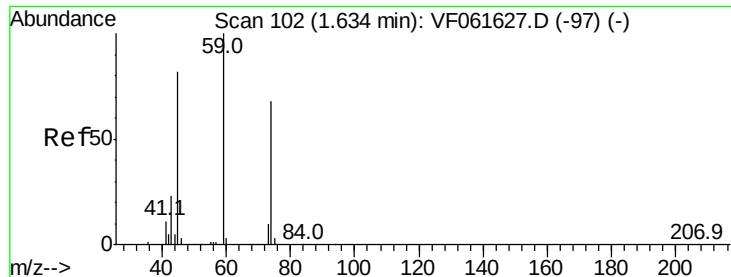
Tgt Ion: 64 Resp: 93

Ion Ratio Lower Upper

64 100

66 0.0 27.9 41.9#





#8

Diethyl Ether

Concen: 9.284 ug/l

RT: 1.51 min Scan# 89

Delta R.T. -0.13 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

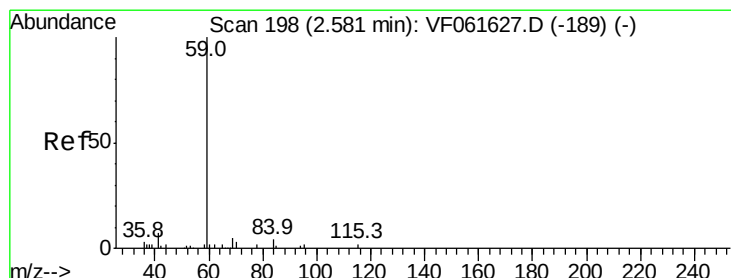
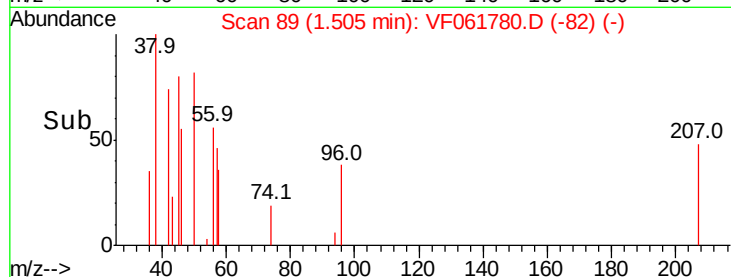
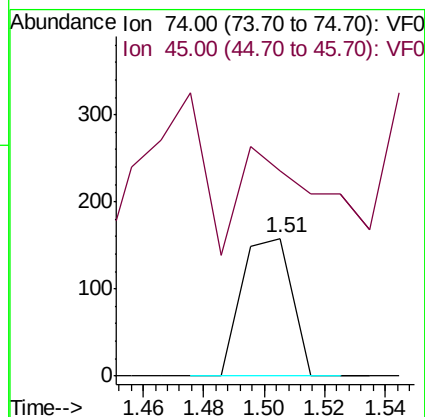
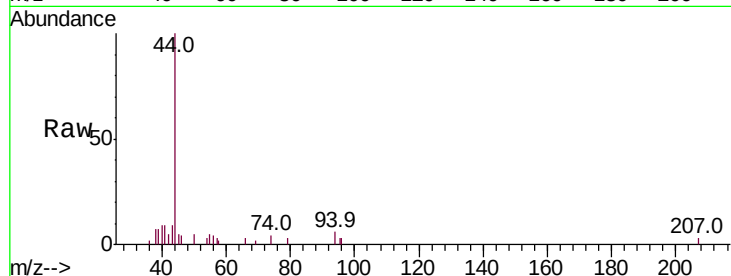
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 74 Resp: 182

Ion Ratio Lower Upper

74 100

45 148.7 60.8 182.3



#11

Tert butyl alcohol

Concen: 40.104 ug/l

RT: 2.48 min Scan# 188

Delta R.T. -0.10 min

Lab File: VF061780.D

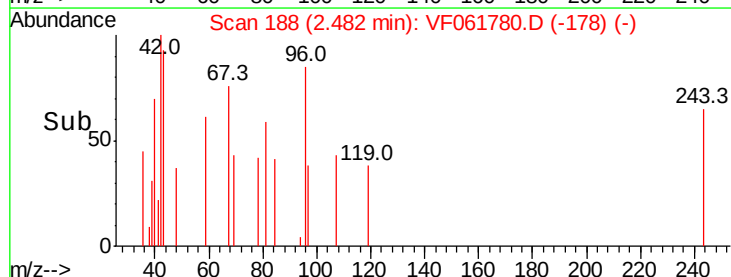
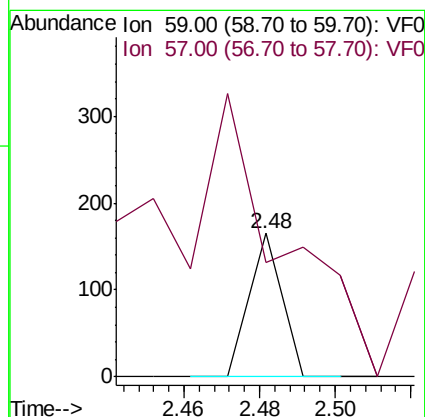
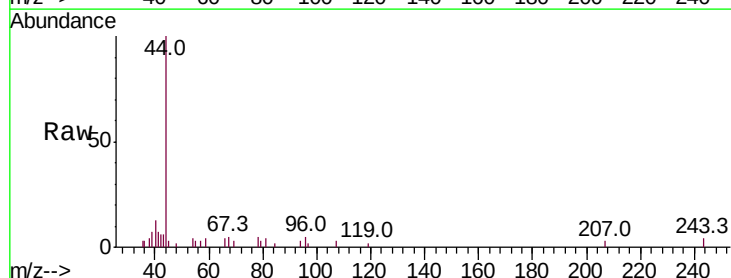
Acq: 27 Feb 2019 21:50

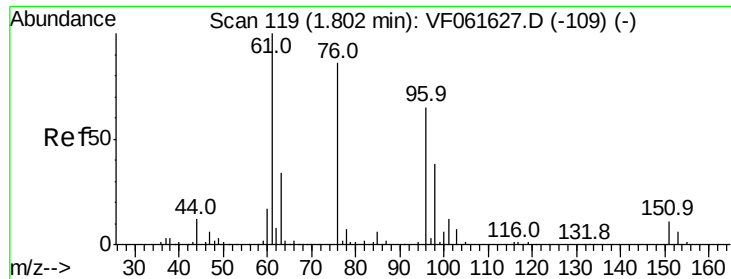
Tgt Ion: 59 Resp: 98

Ion Ratio Lower Upper

59 100

57 79.4 12.5 18.7#





#12

1,1-Dichloroethene

Concen: 6.708 ug/l

RT: 1.76 min Scan# 115

Delta R.T. -0.04 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

Instrument :
MSVOA_F
ClientSampleId :

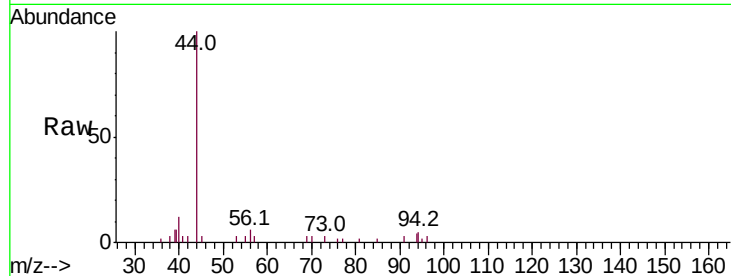
Tot Ion: 96 Resp: 331

Ion Ratio Lower Upper

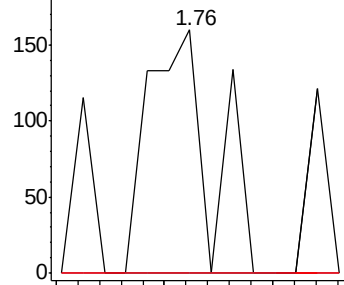
96 100

61 0.0 122.6 184.0#

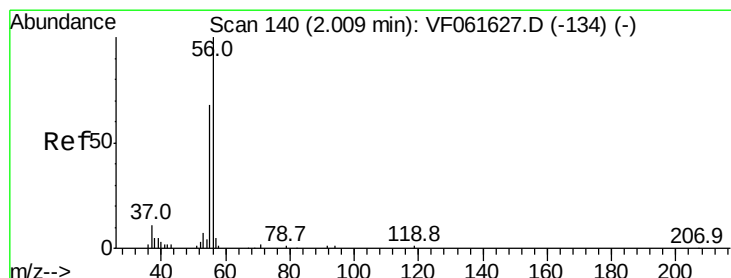
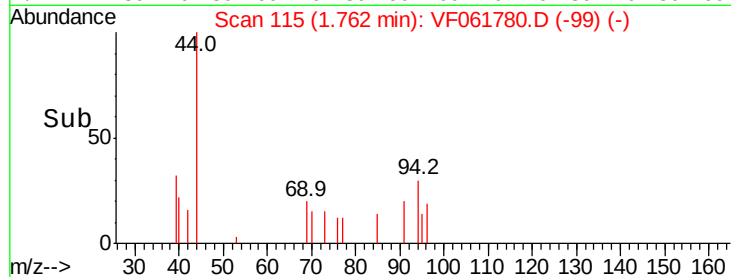
98 0.0 47.2 70.8#



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



Time-->



#13

Acrolein

Concen: 148.147 ug/l

RT: 1.99 min Scan# 138

Delta R.T. -0.02 min

Lab File: VF061780.D

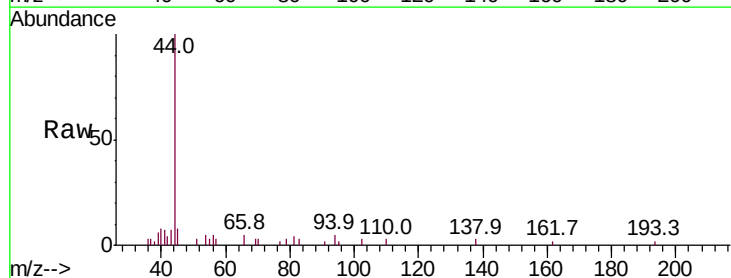
Acq: 27 Feb 2019 21:50

Tgt Ion: 56 Resp: 455

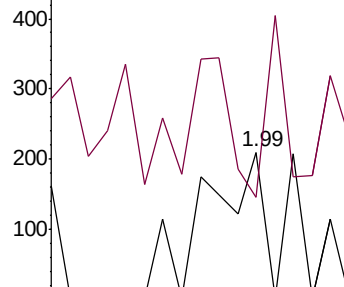
Ion Ratio Lower Upper

56 100

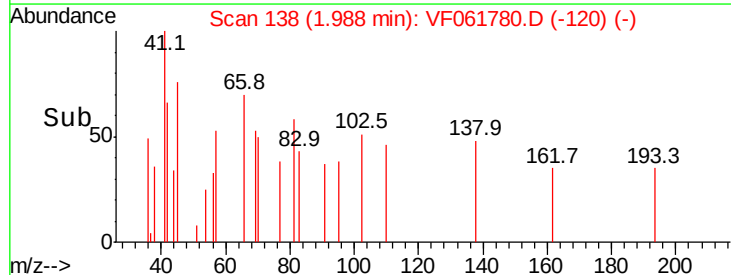
55 69.0 55.0 82.6

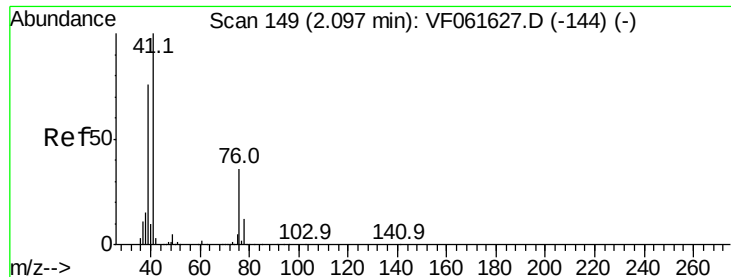


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 55.00 (54.70 to 55.70): VF0



Time-->

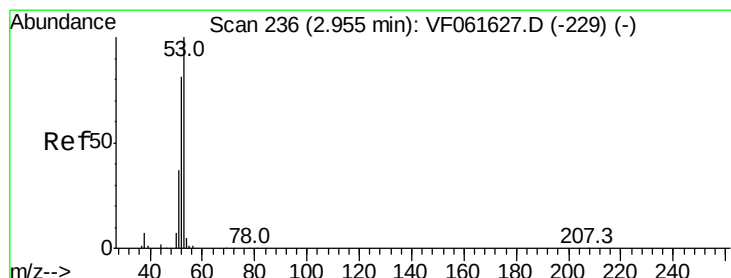
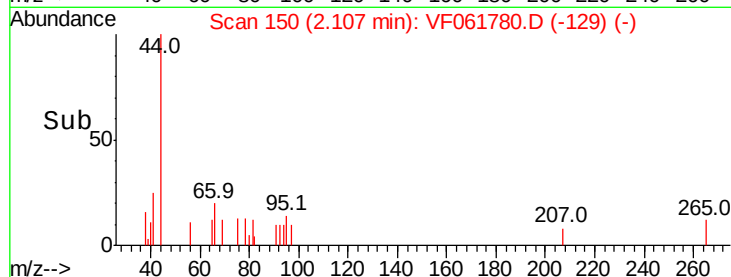
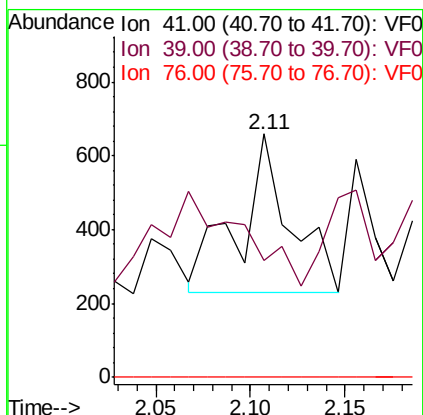
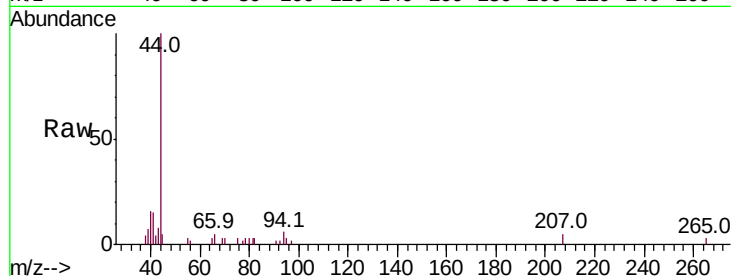




#14
Allvl chloride
Concen: 13.577 ug/l
RT: 2.11 min Scan# 150
Delta R.T. 0.01 min
Lab File: VF061780.D
Acq: 27 Feb 2019 21:50

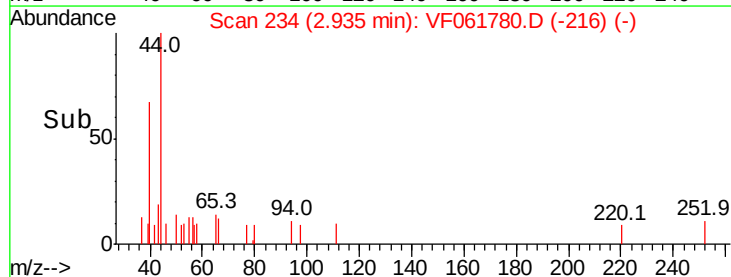
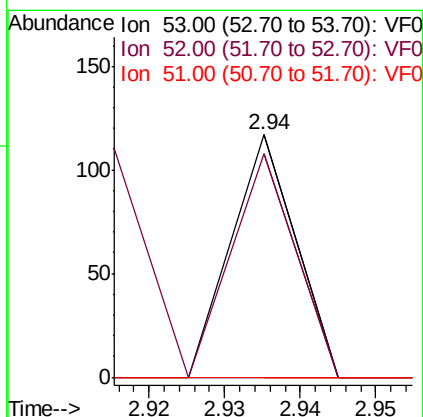
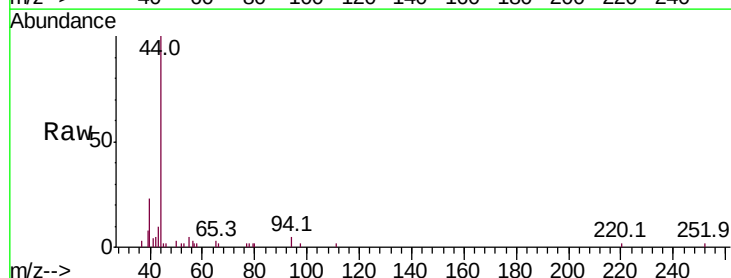
Instrument :
MSVOA_F
ClientSampled :

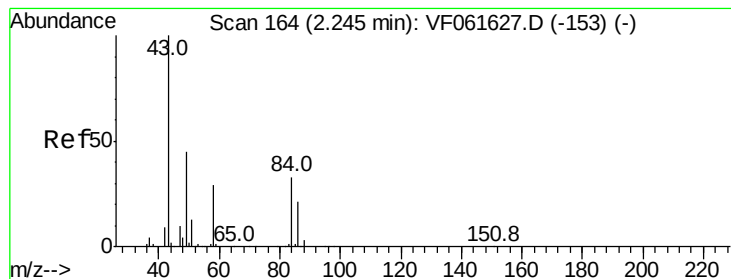
Tot Ion: 41 Resp: 822
Ion Ratio Lower Upper
41 100
39 48.3 61.6 92.4#
76 0.0 30.3 45.5#



#15
Acrylonitrile
Concen: 7.961 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.02 min
Lab File: VF061780.D
Acq: 27 Feb 2019 21:50

Tgt Ion: 53 Resp: 69
Ion Ratio Lower Upper
53 100
52 92.3 64.6 97.0
51 92.3 29.8 44.8#





#16

Acetone

Concen: 67.444 ug/l

RT: 2.16 min Scan# 155

Delta R.T. -0.09 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

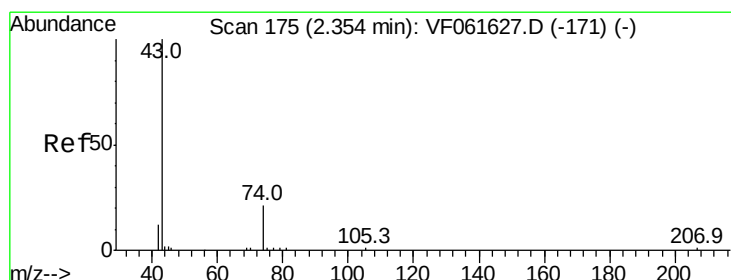
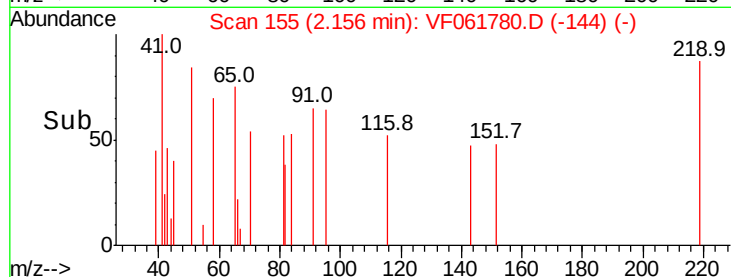
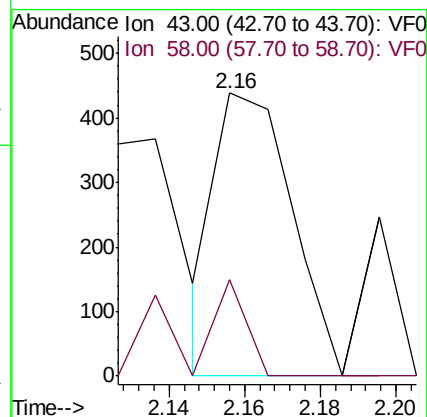
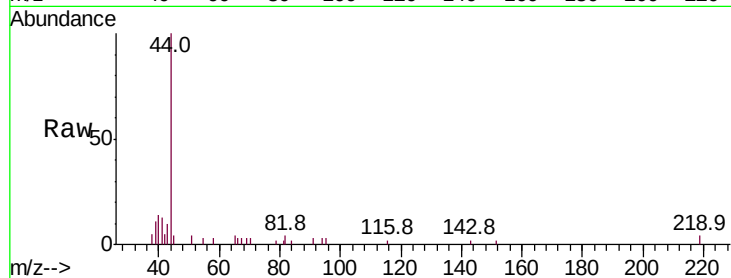
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 611

Ion Ratio Lower Upper

43 100

58 34.0 22.9 34.3



#18

Methyl Acetate

Concen: 67.324 ug/l

RT: 2.37 min Scan# 177

Delta R.T. 0.02 min

Lab File: VF061780.D

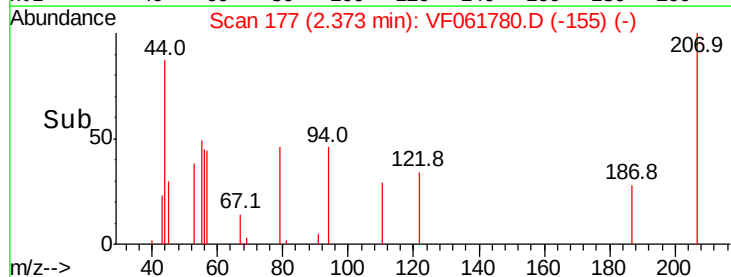
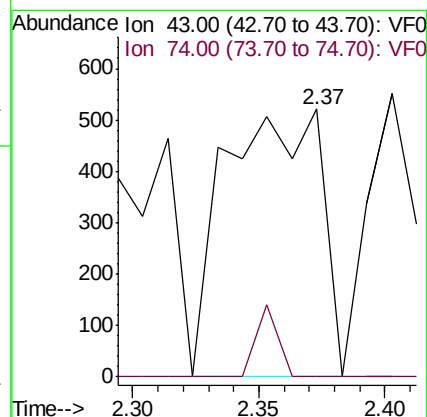
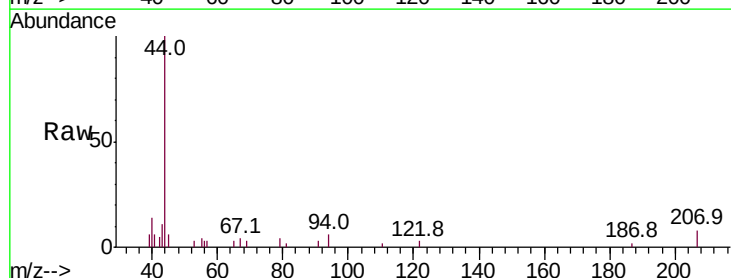
Acq: 27 Feb 2019 21:50

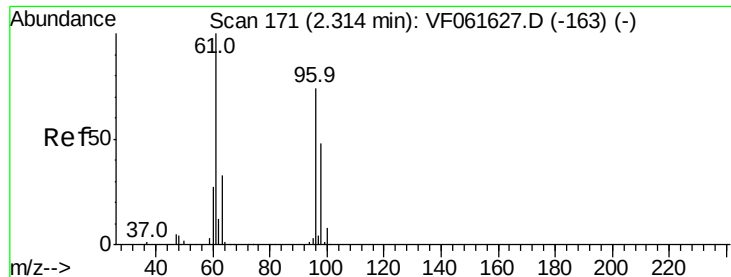
Tgt Ion: 43 Resp: 1374

Ion Ratio Lower Upper

43 100

74 0.0 14.6 21.8#





#21

trans-1,2-Dichloroethene

Concen: 2.498 ug/l

RT: 2.27 min Scan# 167

Delta R.T. -0.04 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

Instrument :
MSVOA_F
ClientSampled :

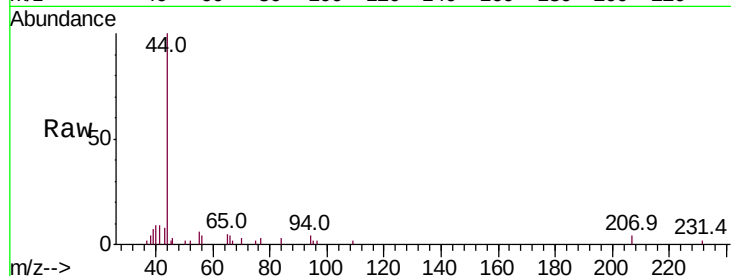
Tot Ion: 96 Resp: 134

Ion Ratio Lower Upper

96 100

61 0.0 108.2 162.4#

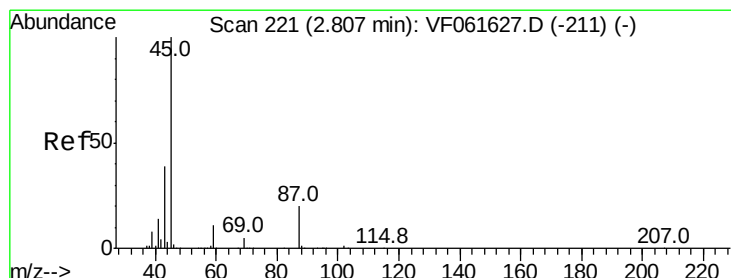
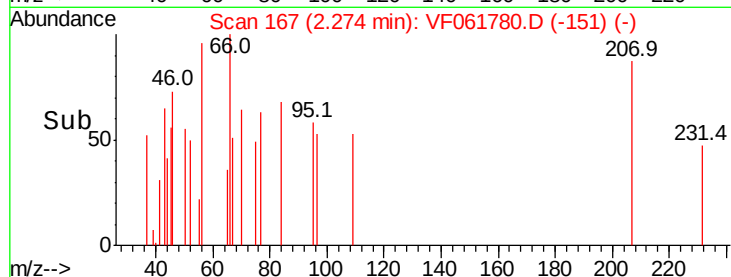
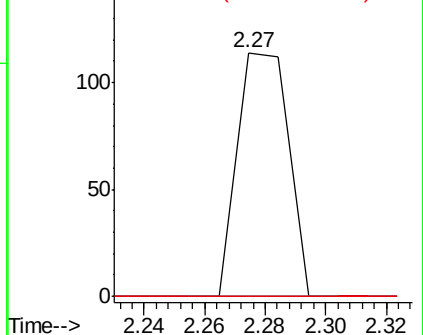
98 0.0 52.2 78.2#



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



#22

Diisopropyl ether

Concen: 1.562 ug/l

RT: 2.81 min Scan# 221

Delta R.T. -0.00 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

Tgt Ion: 45 Resp: 227

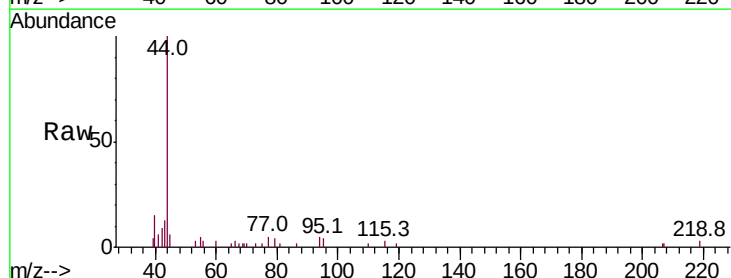
Ion Ratio Lower Upper

45 100

43 202.8 31.4 47.2#

87 0.0 16.3 24.5#

59 0.0 8.7 13.1#

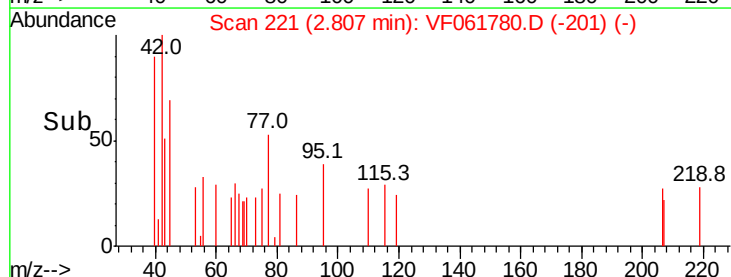
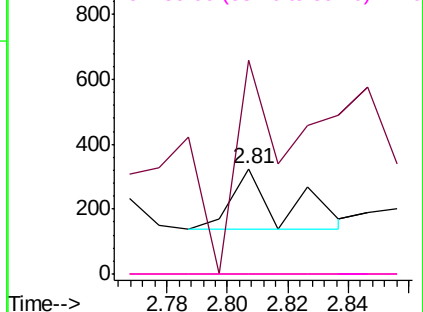


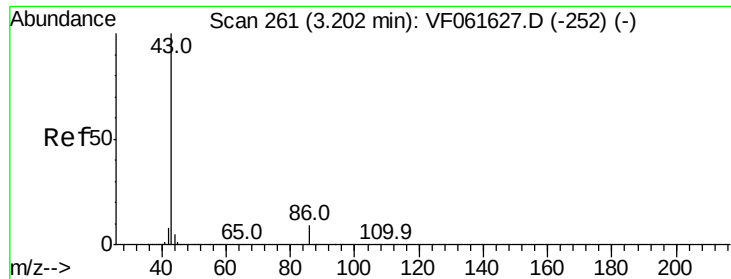
Abundance Ion 45.00 (44.70 to 45.70): VF0

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

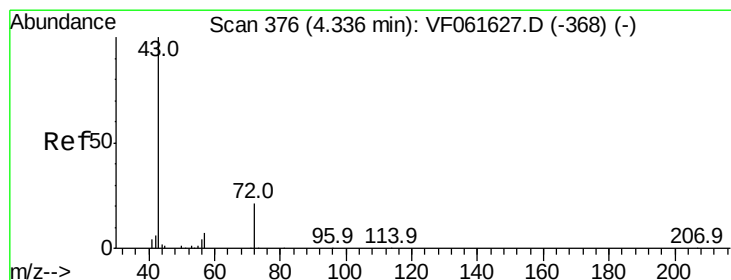
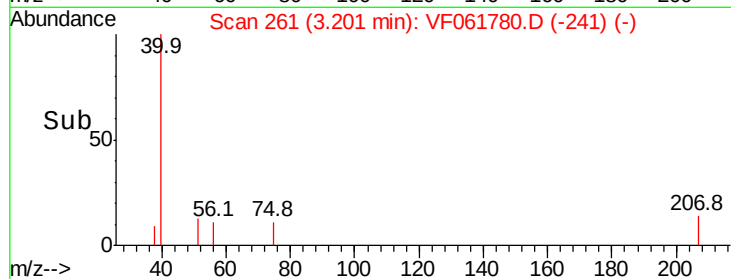
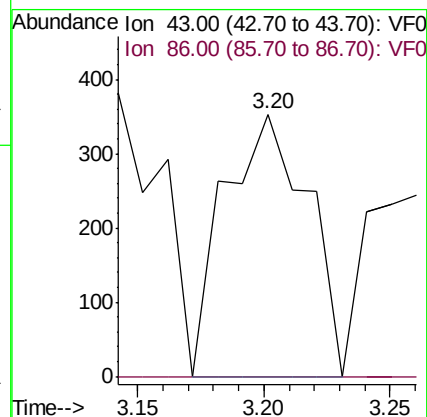
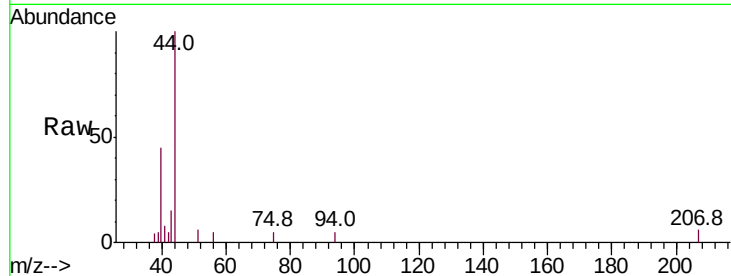




#23
 Vinyl Acetate
 Concen: 11.481 ug/l
 RT: 3.20 min Scan# 261
 Delta R.T. -0.00 min
 Lab File: VF061780.D
 Acq: 27 Feb 2019 21:50

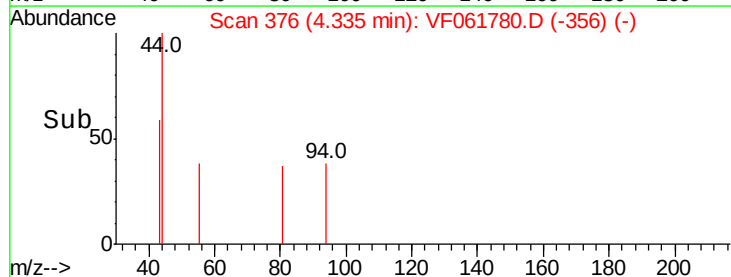
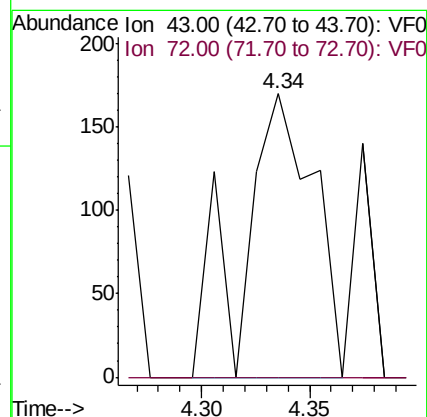
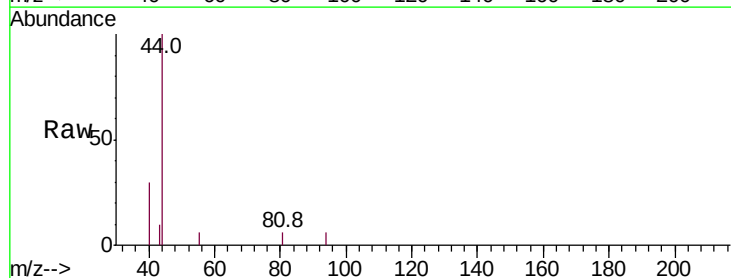
Instrument :
 MSVOA_F
 ClientSampleId :

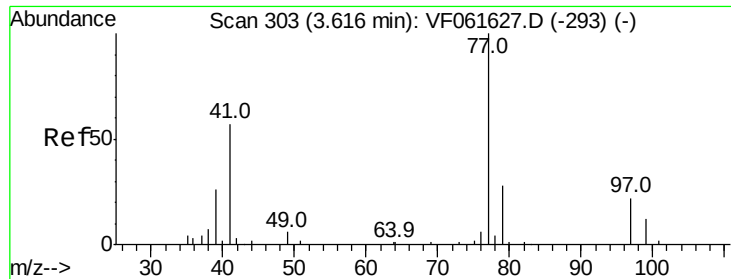
Tot Ion: 43 Resp: 815
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.5 11.3#



#25
 2-Butanone
 Concen: 19.708 ug/l
 RT: 4.34 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VF061780.D
 Acq: 27 Feb 2019 21:50

Tgt Ion: 43 Resp: 390
 Ion Ratio Lower Upper
 43 100
 72 0.0 17.1 25.7#

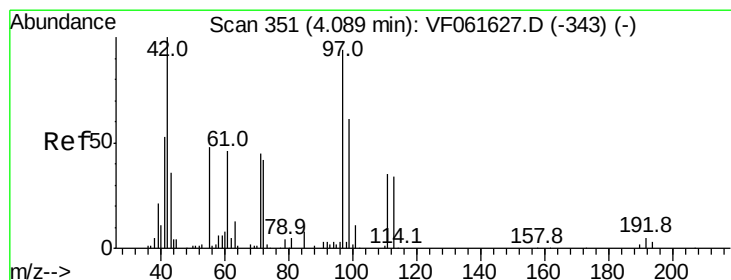
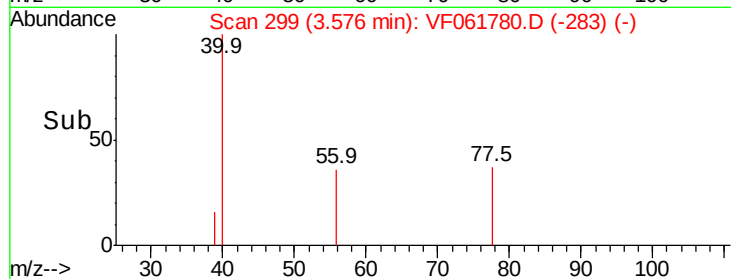
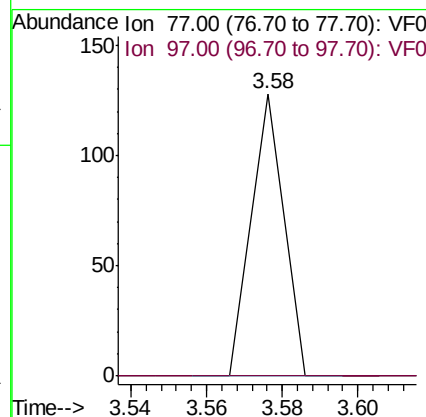
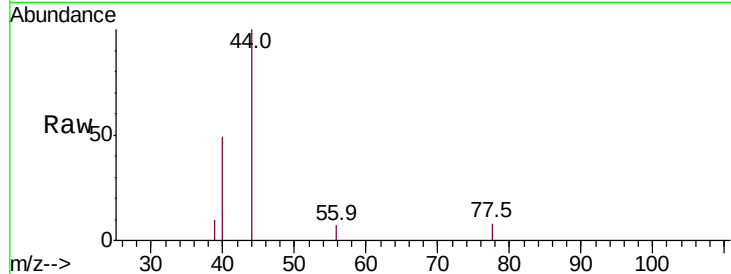




#26
 2,2-Dichloropropane
 Concen: 2.040 ug/l
 RT: 3.58 min Scan# 299
 Delta R.T. -0.04 min
 Lab File: VF061780.D
 Acq: 27 Feb 2019 21:50

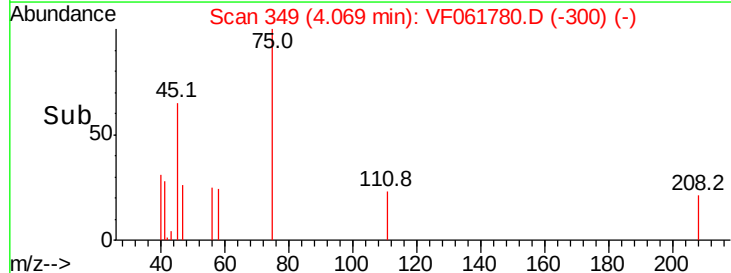
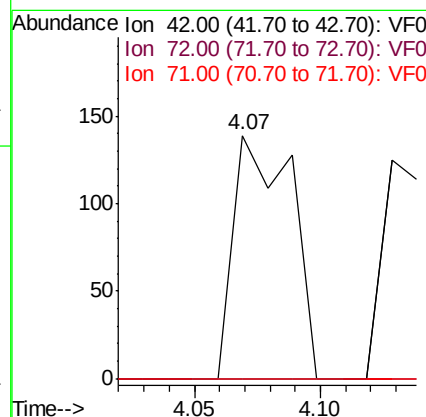
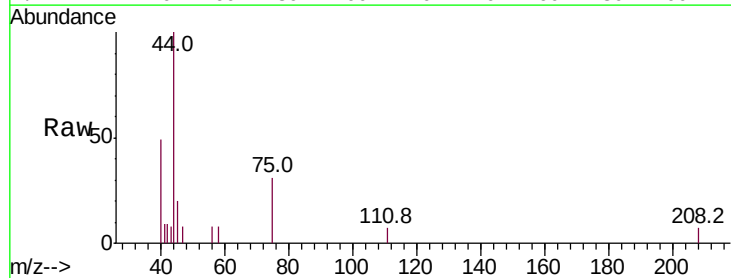
Instrument :
 MSVOA_F
 ClientSampled :

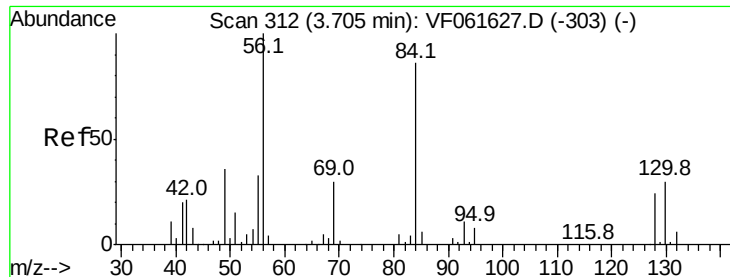
Tot Ion: 77 Resp: 76
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.7 35.0#



#29
 Tetrahydrofuran
 Concen: 24.794 ug/l
 RT: 4.07 min Scan# 349
 Delta R.T. -0.02 min
 Lab File: VF061780.D
 Acq: 27 Feb 2019 21:50

Tgt Ion: 42 Resp: 223
 Ion Ratio Lower Upper
 42 100
 72 0.0 35.2 52.8#
 71 0.0 32.9 49.3#

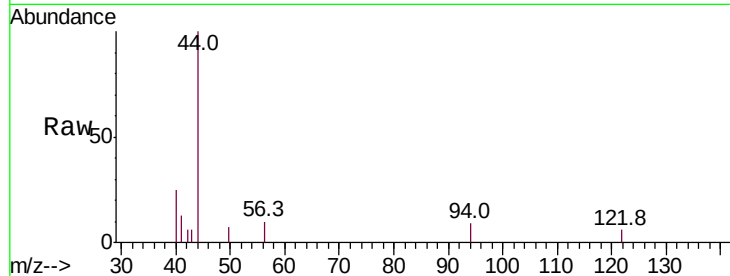




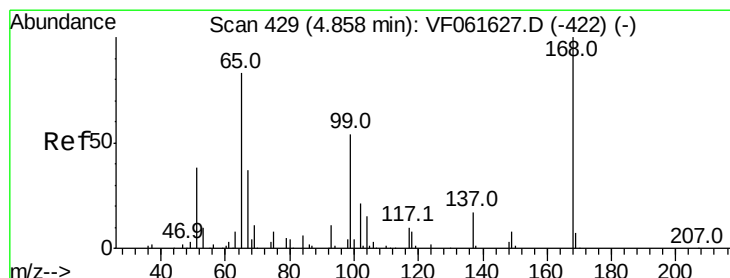
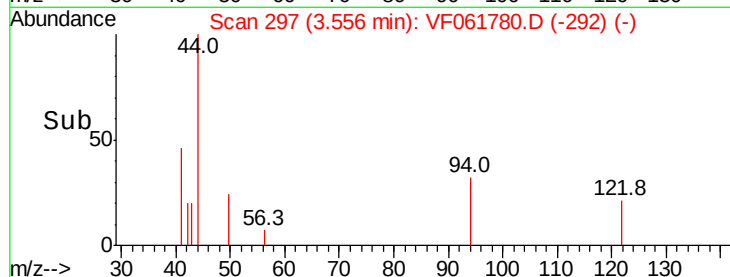
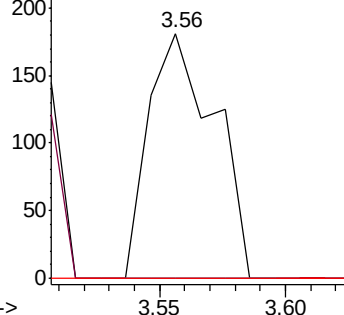
#31
Cyclohexane
Concen: 3.476 ug/l
RT: 3.56 min Scan# 297
Delta R.T. -0.15 min
Lab File: VF061780.D
Acq: 27 Feb 2019 21:50

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 56 Resp: 331
Ion Ratio Lower Upper
56 100
69 0.0 23.8 35.8#
84 0.0 68.6 103.0#

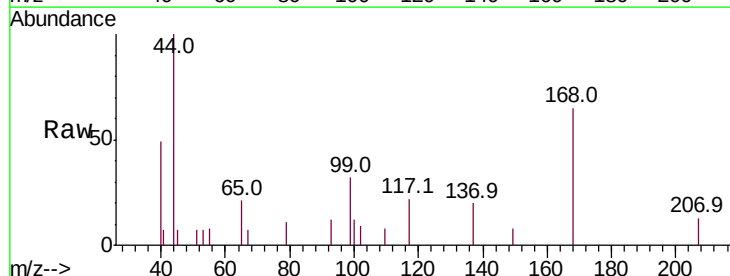


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

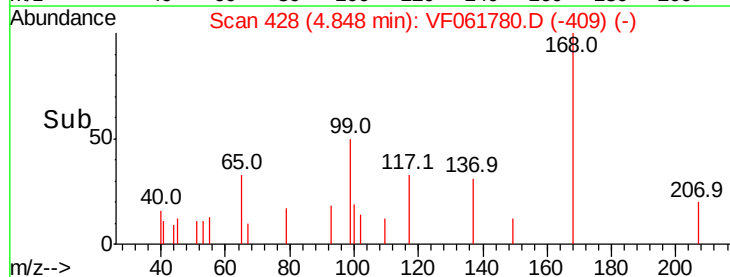
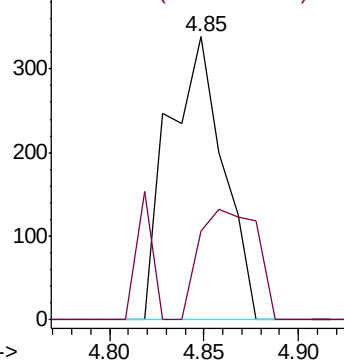


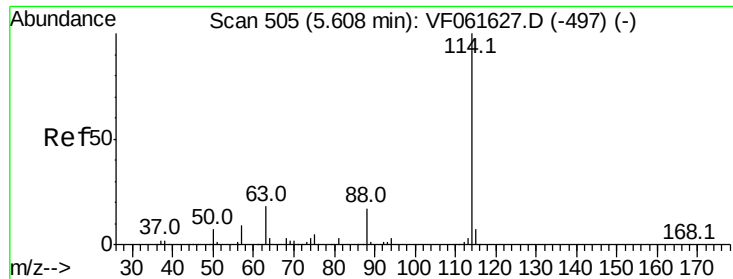
#33
1,2-Dichloroethane-d4
Concen: 16.057 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF061780.D
Acq: 27 Feb 2019 21:50

Tgt Ion: 65 Resp: 678
Ion Ratio Lower Upper
65 100
67 31.7 0.0 104.0



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

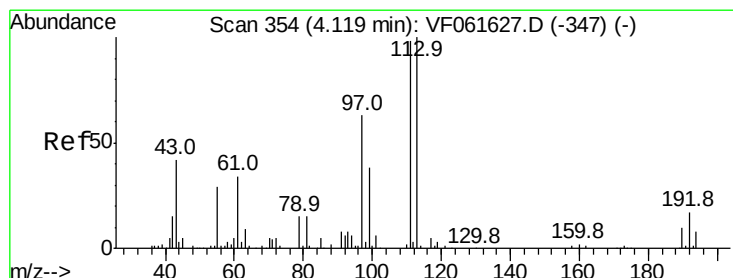
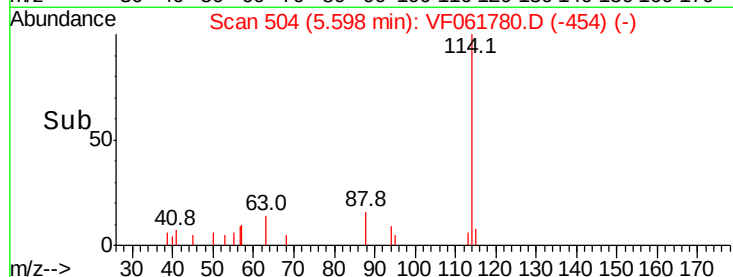
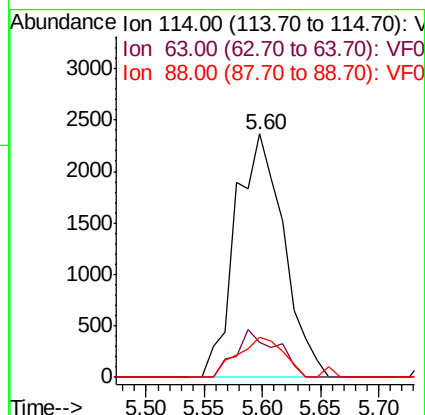
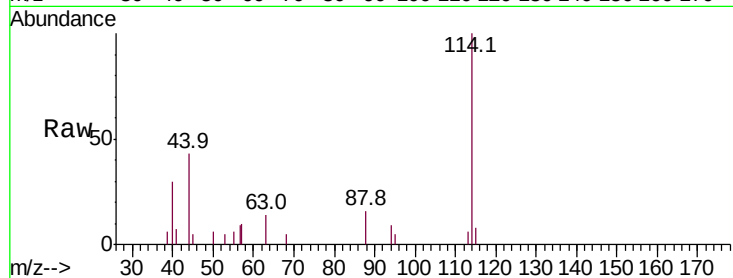




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: VF061780.D
 Acq: 27 Feb 2019 21:50

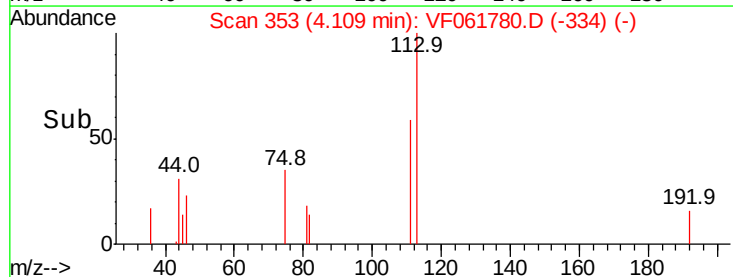
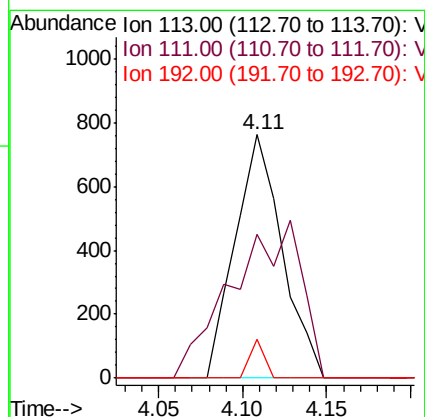
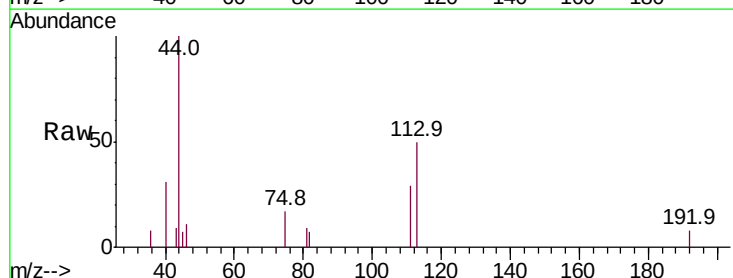
Instrument :
 MSVOA_F
 ClientSampleId :

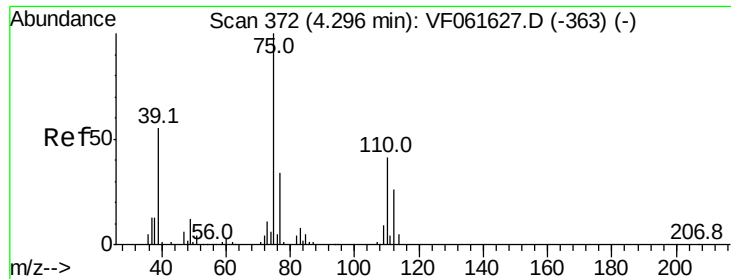
Tot Ion:114 Resp: 6797
 Ion Ratio Lower Upper
 114 100
 63 14.2 0.0 36.6
 88 16.4 0.0 34.4



#35
 Dibromofluoromethane
 Concen: 29.321 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VF061780.D
 Acq: 27 Feb 2019 21:50

Tgt Ion:113 Resp: 1480
 Ion Ratio Lower Upper
 113 100
 111 58.8 78.8 118.2#
 192 15.7 13.4 20.0





#36

1,1-Dichloropropene

Concen: 2.109 ug/l

RT: 4.31 min Scan# 373

Delta R.T. 0.01 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

Instrument :

MSVOA_F

ClientSampleId :

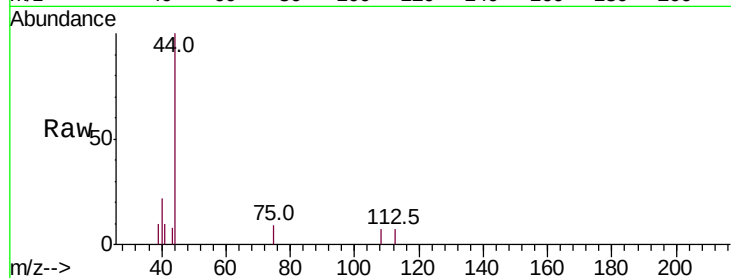
Tot Ion: 75 Resp: 142

Ion Ratio Lower Upper

75 100

110 0.0 20.5 61.6#

77 0.0 27.0 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

4.31

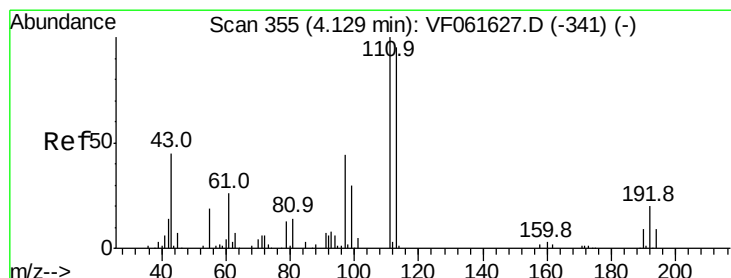
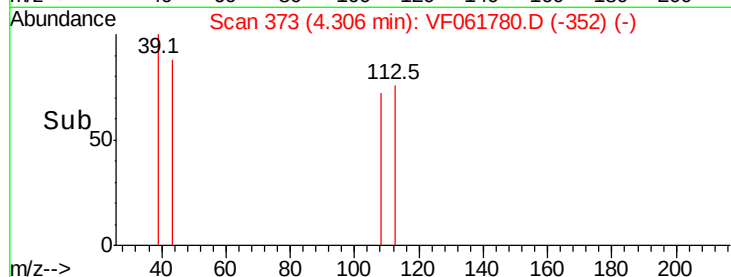
100

50

0

4.26 4.28 4.30 4.32 4.34

Time-->



#37

Ethyl Acetate

Concen: 9.720 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.01 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

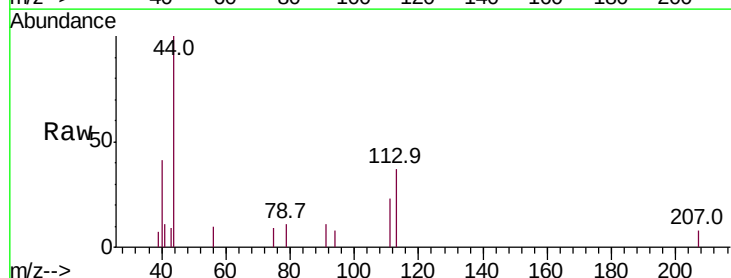
Tgt Ion: 43 Resp: 304

Ion Ratio Lower Upper

43 100

61 0.0 45.7 68.5#

70 0.0 8.5 12.7#



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

200

150

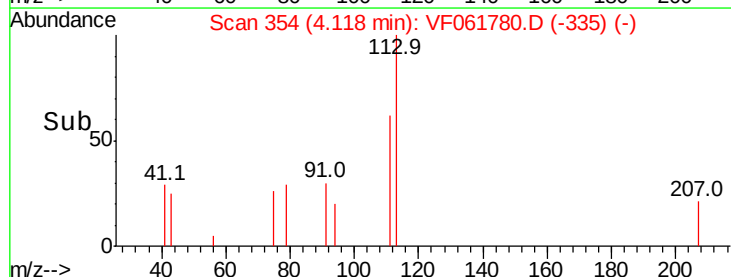
100

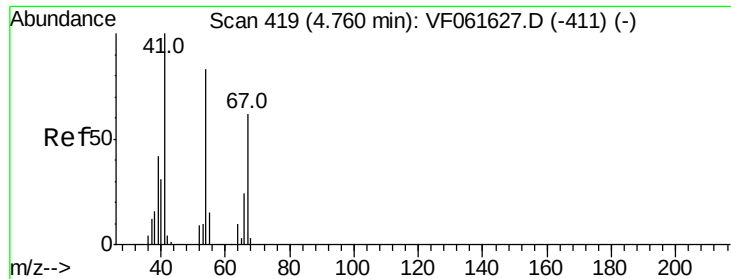
50

0

4.08 4.10 4.12 4.14

Time-->





#41

Methacrylonitrile

Concen: 17.069 ug/l

RT: 4.73 min Scan# 416

Delta R.T. -0.03 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion: 41 Resp: 273

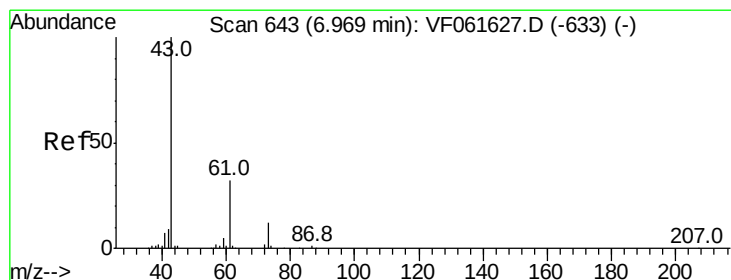
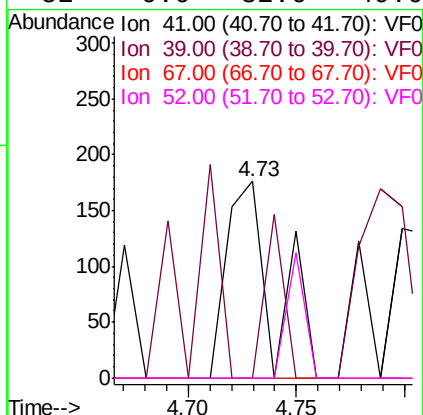
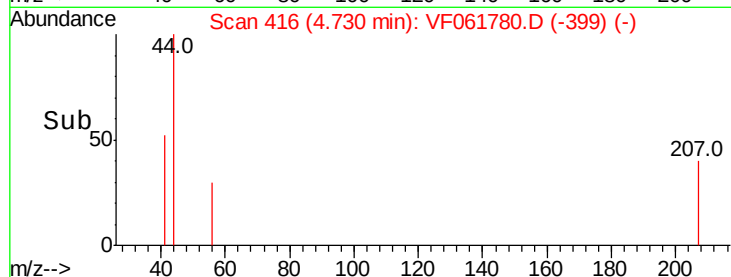
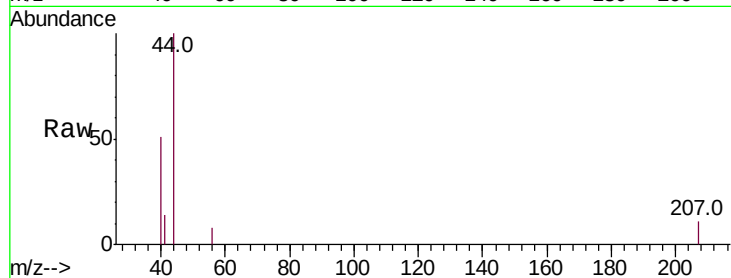
Ion Ratio Lower Upper

41 100

39 0.0 45.3 67.9#

67 0.0 49.3 73.9#

52 0.0 32.6 49.0#



#43

Isopropyl Acetate

Concen: 5.214 ug/l

RT: 6.96 min Scan# 642

Delta R.T. -0.01 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

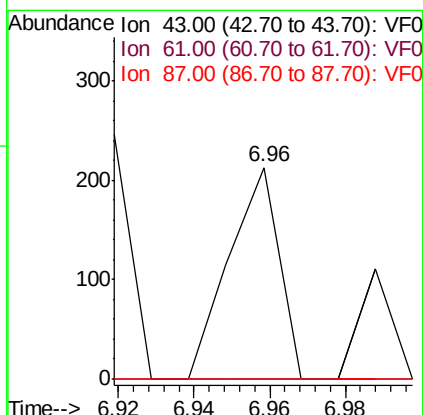
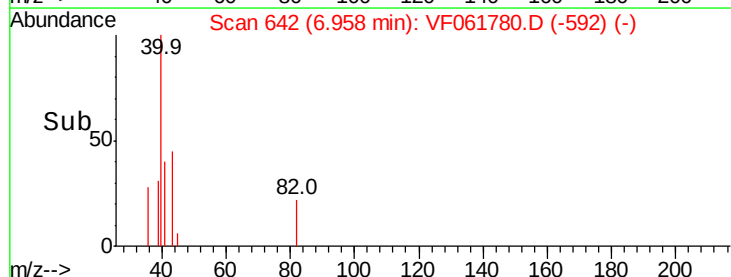
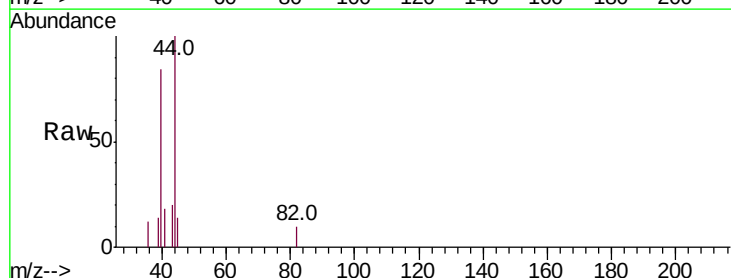
Tgt Ion: 43 Resp: 193

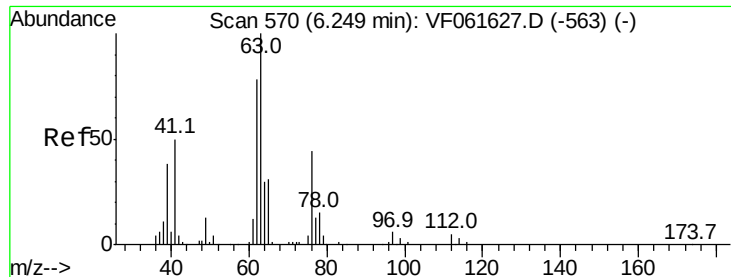
Ion Ratio Lower Upper

43 100

61 0.0 25.8 38.6#

87 0.0 0.4 0.6#





#45

1,2-Dichloropropane

Concen: 1.527 ug/l

RT: 6.36 min Scan# 581

Delta R.T. 0.11 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

Instrument :

MSVOA_F

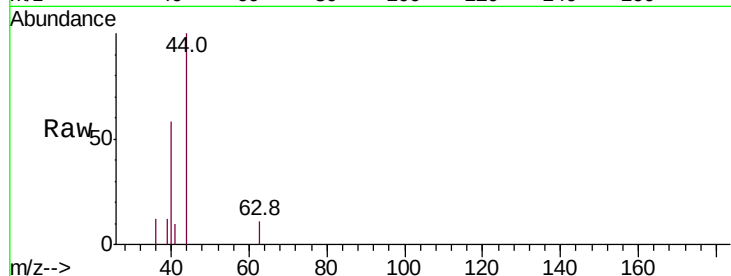
ClientSampleId :

Tot Ion: 63 Resp: 65

Ion Ratio Lower Upper

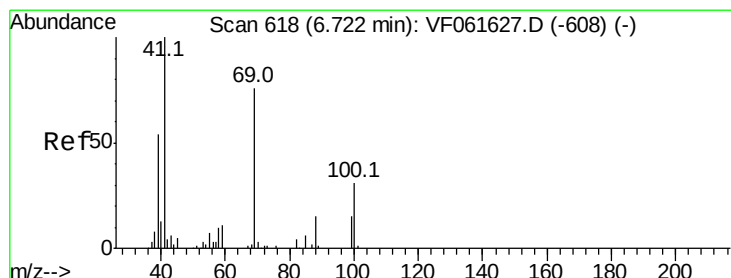
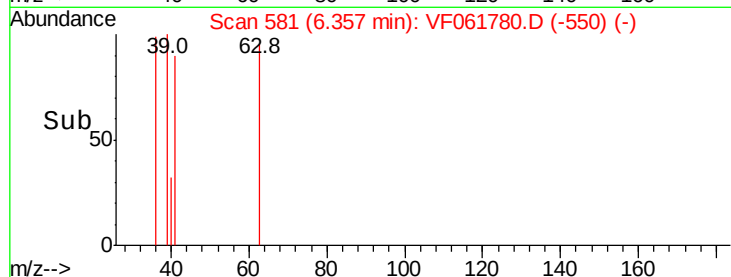
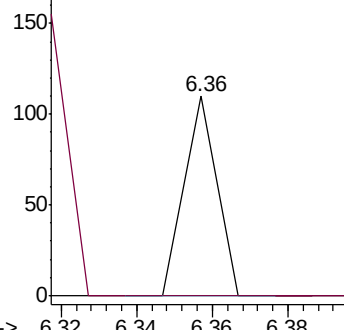
63 100

65 0.0 24.9 37.3#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#48

Methyl methacrylate

Concen: 6.284 ug/l

RT: 6.66 min Scan# 612

Delta R.T. -0.06 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

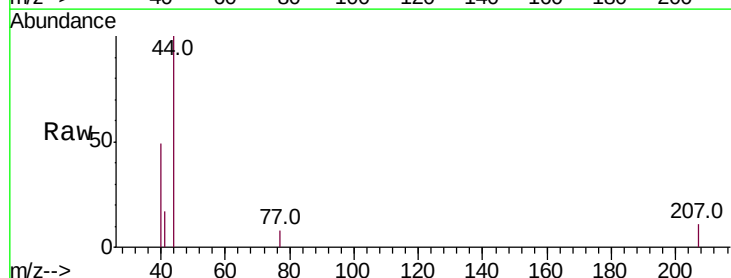
Tgt Ion: 41 Resp: 140

Ion Ratio Lower Upper

41 100

69 0.0 60.4 90.6#

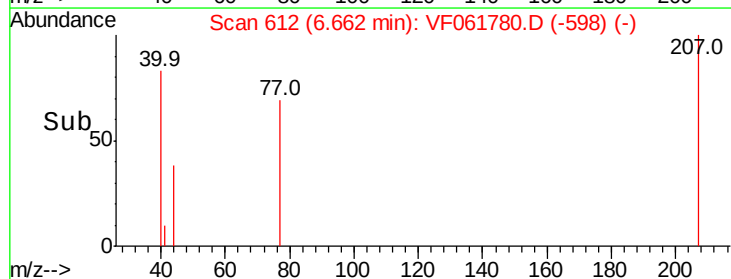
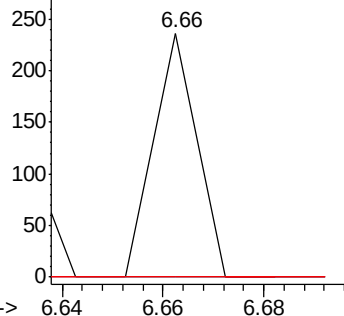
39 0.0 43.7 65.5#

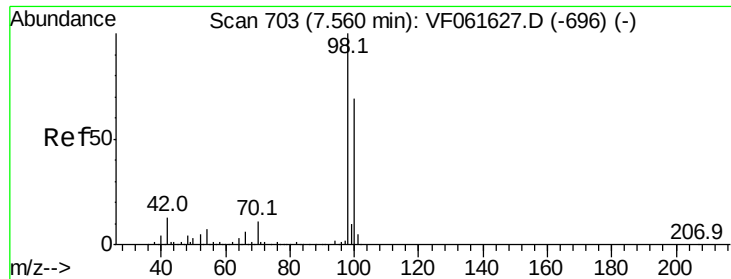


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

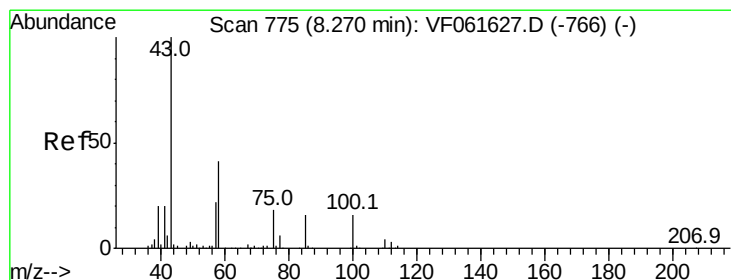
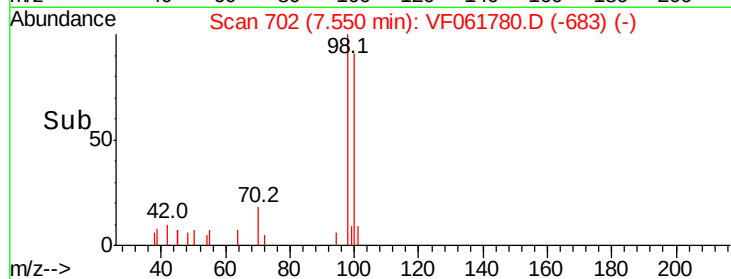
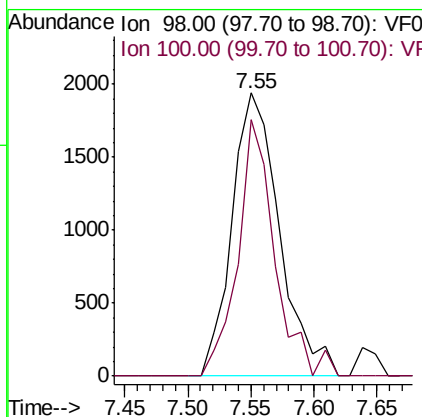
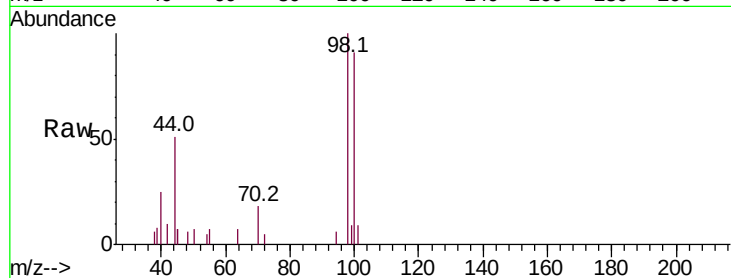




#50
Toluene-d8
Concen: 34.996 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061780.D
Acq: 27 Feb 2019 21:50

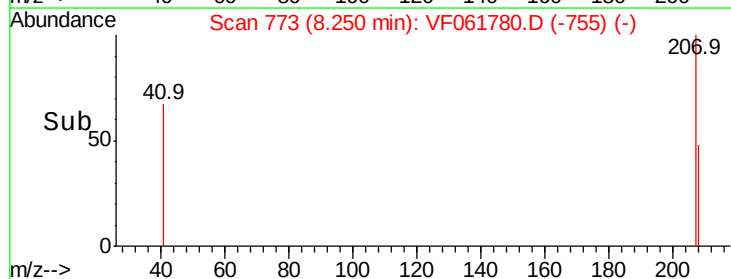
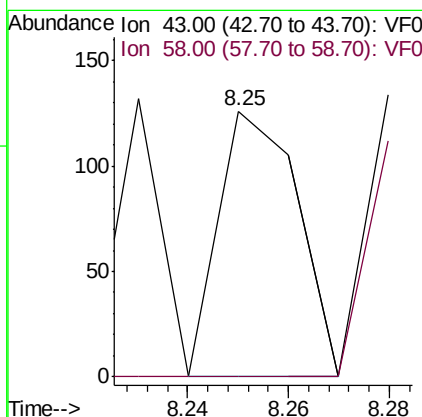
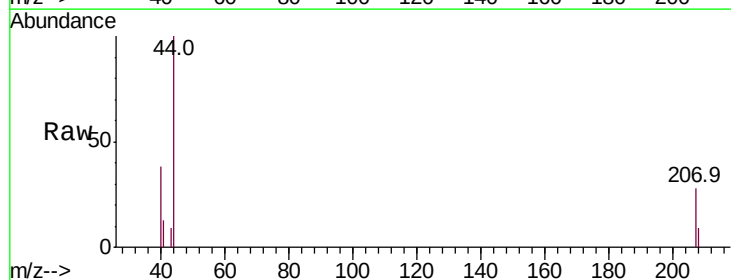
Instrument :
MSVOA_F
ClientSampleId :

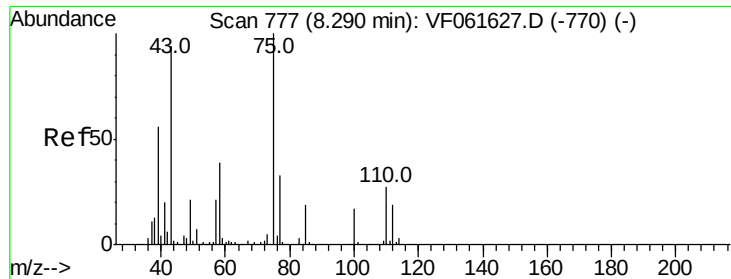
Tot Ion: 98 Resp: 5078
Ion Ratio Lower Upper
98 100
100 90.6 55.4 83.2#



#51
4-Methyl-2-Pentanone
Concen: 5.179 ug/l
RT: 8.25 min Scan# 773
Delta R.T. -0.02 min
Lab File: VF061780.D
Acq: 27 Feb 2019 21:50

Tgt Ion: 43 Resp: 137
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#





#53

t-1,3-Dichloropropene

Concen: 1.298 ug/l

RT: 8.42 min Scan# 790

Delta R.T. 0.13 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

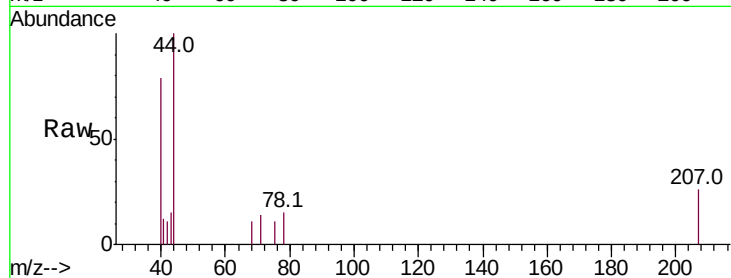
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

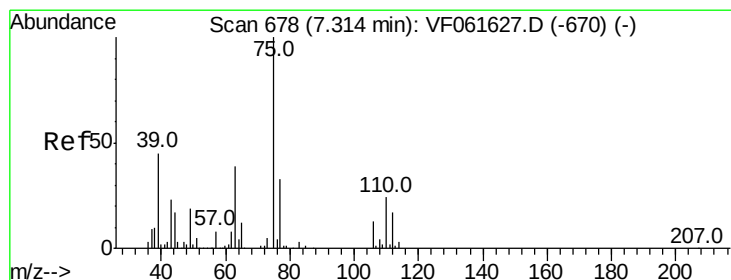
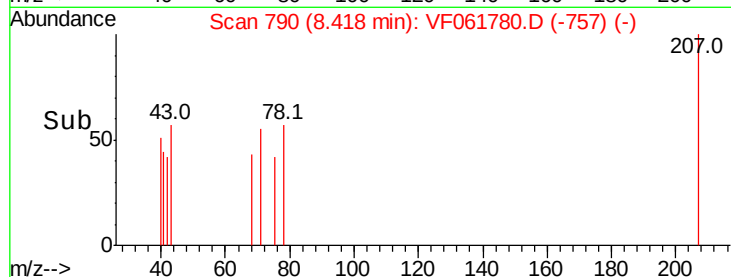


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

8.42

Time-->



#54

cis-1,3-Dichloropropene

Concen: 1.273 ug/l

RT: 7.28 min Scan# 675

Delta R.T. -0.03 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

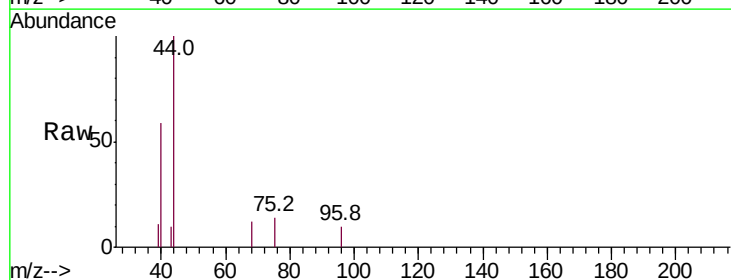
Tgt Ion: 75 Resp: 81

Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

39 78.8 36.0 54.0#

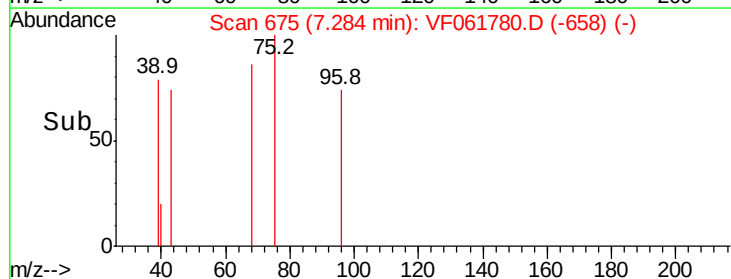


Abundance Ion 75.00 (74.70 to 75.70): VF0

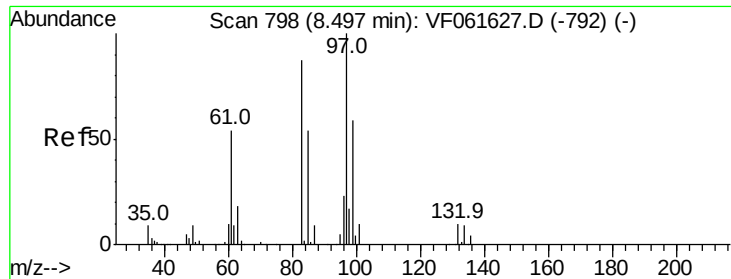
Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Time-->



Time-->



#55

1,1,2-Trichloroethane

Concen: 2.390 ug/l

RT: 8.41 min Scan# 789

Delta R.T. -0.09 min

Lab File: VF061780.D

Acq: 27 Feb 2019 21:50

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 97 Resp: 75

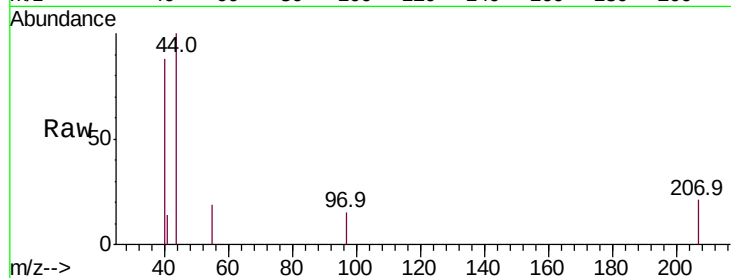
Ion Ratio Lower Upper

97 100

83 0.0 69.2 103.8#

85 0.0 43.0 64.4#

99 0.0 47.2 70.8#

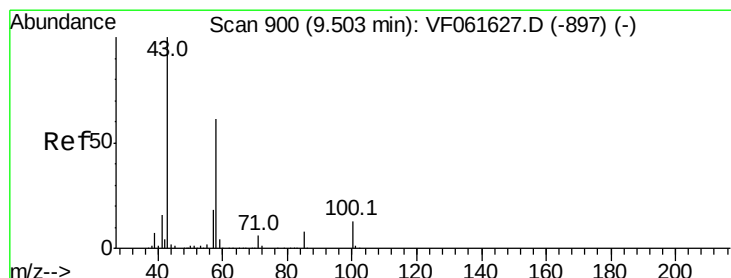
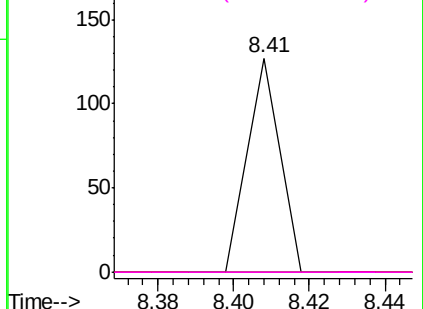
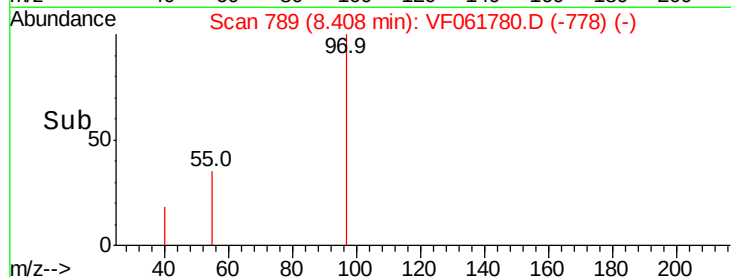


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#59

2-Hexanone

Concen: 3.236 ug/l

RT: 9.50 min Scan# 900

Delta R.T. -0.00 min

Lab File: VF061780.D

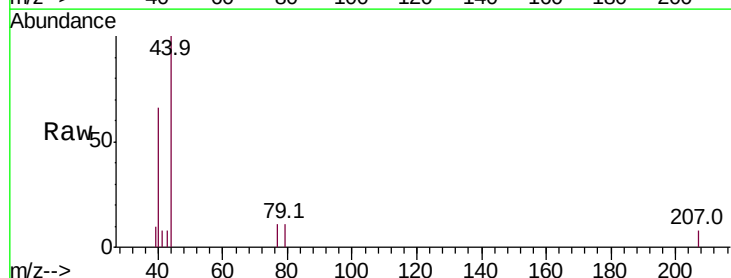
Acq: 27 Feb 2019 21:50

Tgt Ion: 43 Resp: 60

Ion Ratio Lower Upper

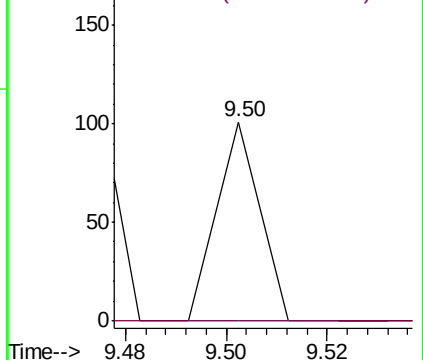
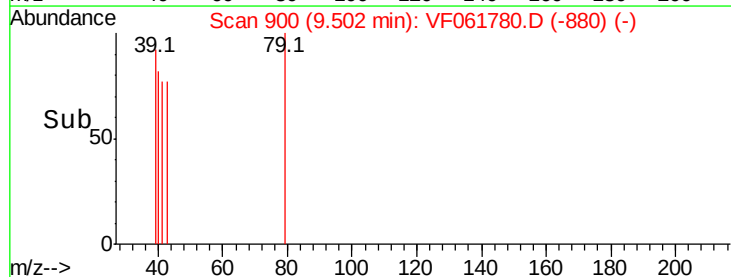
43 100

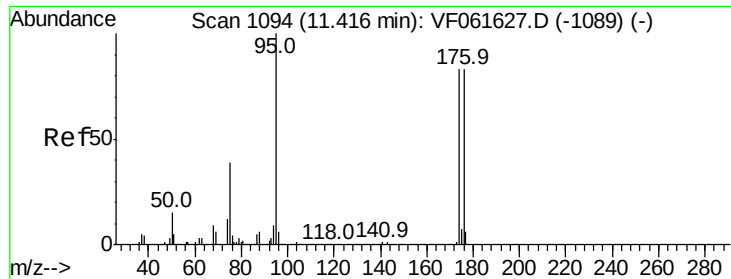
58 0.0 28.5 85.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

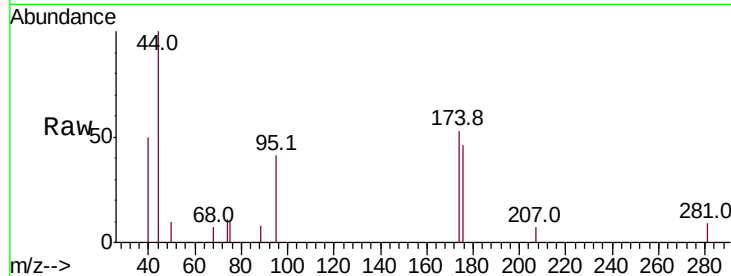




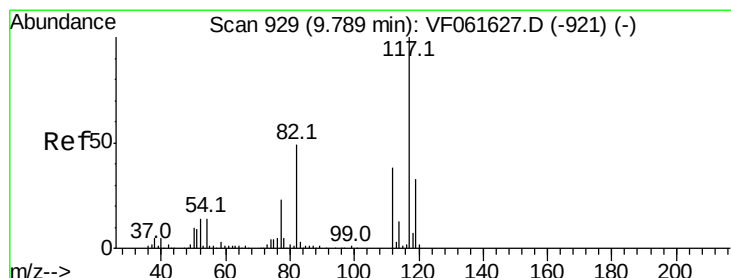
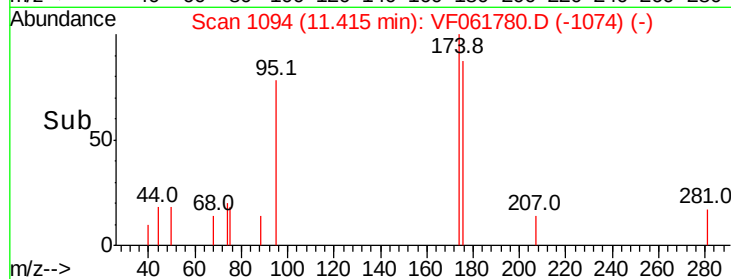
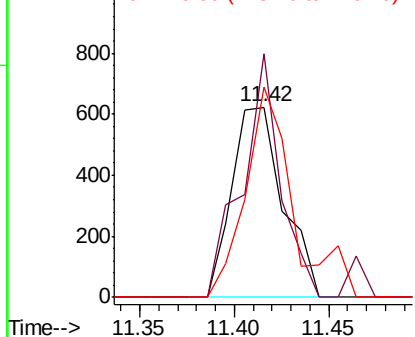
#62
4-Bromofluorobenzene
Concen: 19.928 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VF061780.D
Acq: 27 Feb 2019 21:50

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 95 Resp: 1170
Ion Ratio Lower Upper
95 100
174 128.1 0.0 165.8
176 110.9 0.0 167.0

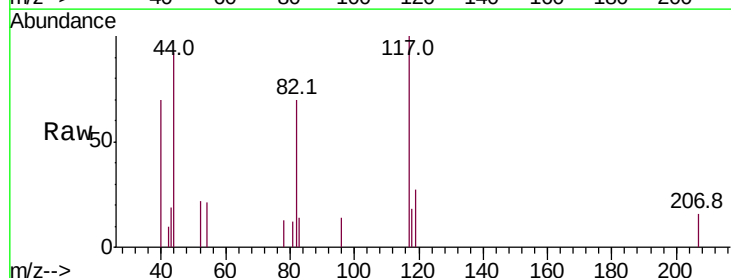


Abundance Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

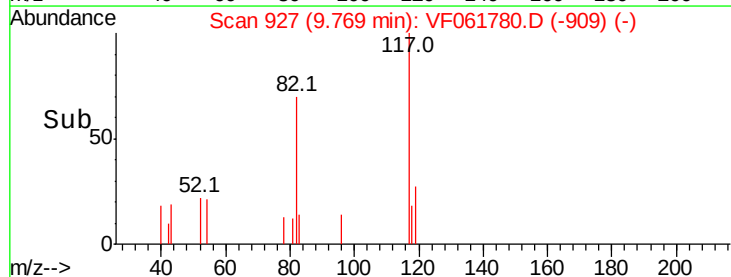
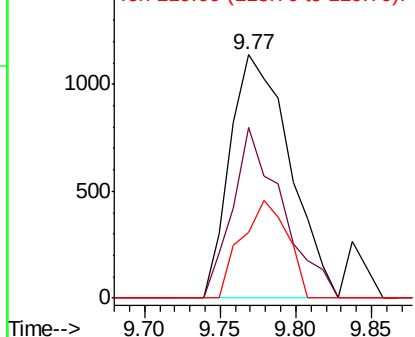


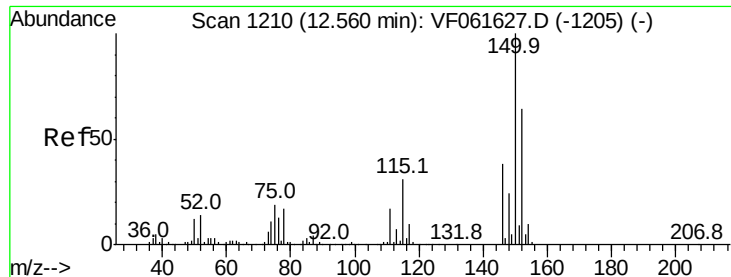
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.02 min
Lab File: VF061780.D
Acq: 27 Feb 2019 21:50

Tgt Ion: 117 Resp: 3132
Ion Ratio Lower Upper
117 100
82 69.9 39.3 58.9#
119 27.0 26.6 40.0



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



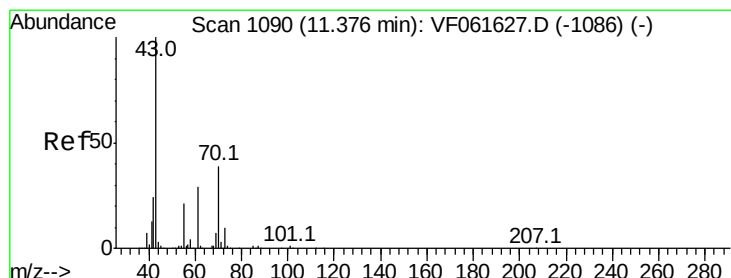
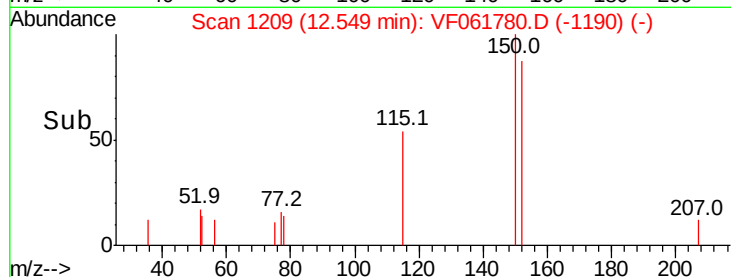
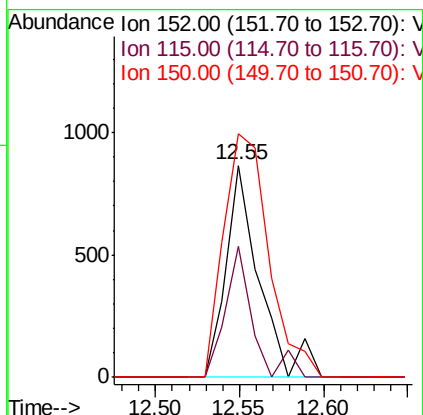
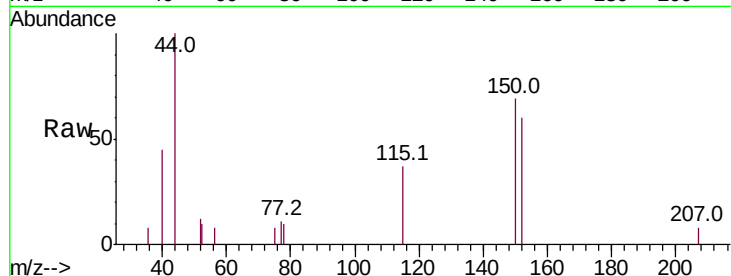


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061780.D
Acq: 27 Feb 2019 21:50

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:152 Resp: 1193
Ion Ratio Lower Upper
152 100
115 61.7 24.3 72.8
150 114.9 0.0 312.0



#74

N-aryl acetate
Concen: 3.433 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.03 min
Lab File: VF061780.D
Acq: 27 Feb 2019 21:50

Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
70 0.0 31.5 47.3#
55 0.0 16.7 25.1#
61 0.0 23.0 34.6#

