

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062270.D
 Acq On : 23 Apr 2019 18:18
 Operator : FY/SY
 Sample : K2514-02
 Misc : 6.01g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Apr 24 06:44:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	455986	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	651580	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	437353	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	224440	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	159599	38.17	ug/l	0.02
Spiked Amount 50.000			Recovery =	76.34%		
35) Dibromofluoromethane	4.32	113	223779	39.26	ug/l	0.02
Spiked Amount 50.000			Recovery =	78.52%		
50) Toluene-d8	7.72	98	351860	24.39	ug/l	0.02
Spiked Amount 50.000			Recovery =	48.78%		
62) 4-Bromofluorobenzene	11.50	95	175211	31.57	ug/l	0.02
Spiked Amount 50.000			Recovery =	63.14%		

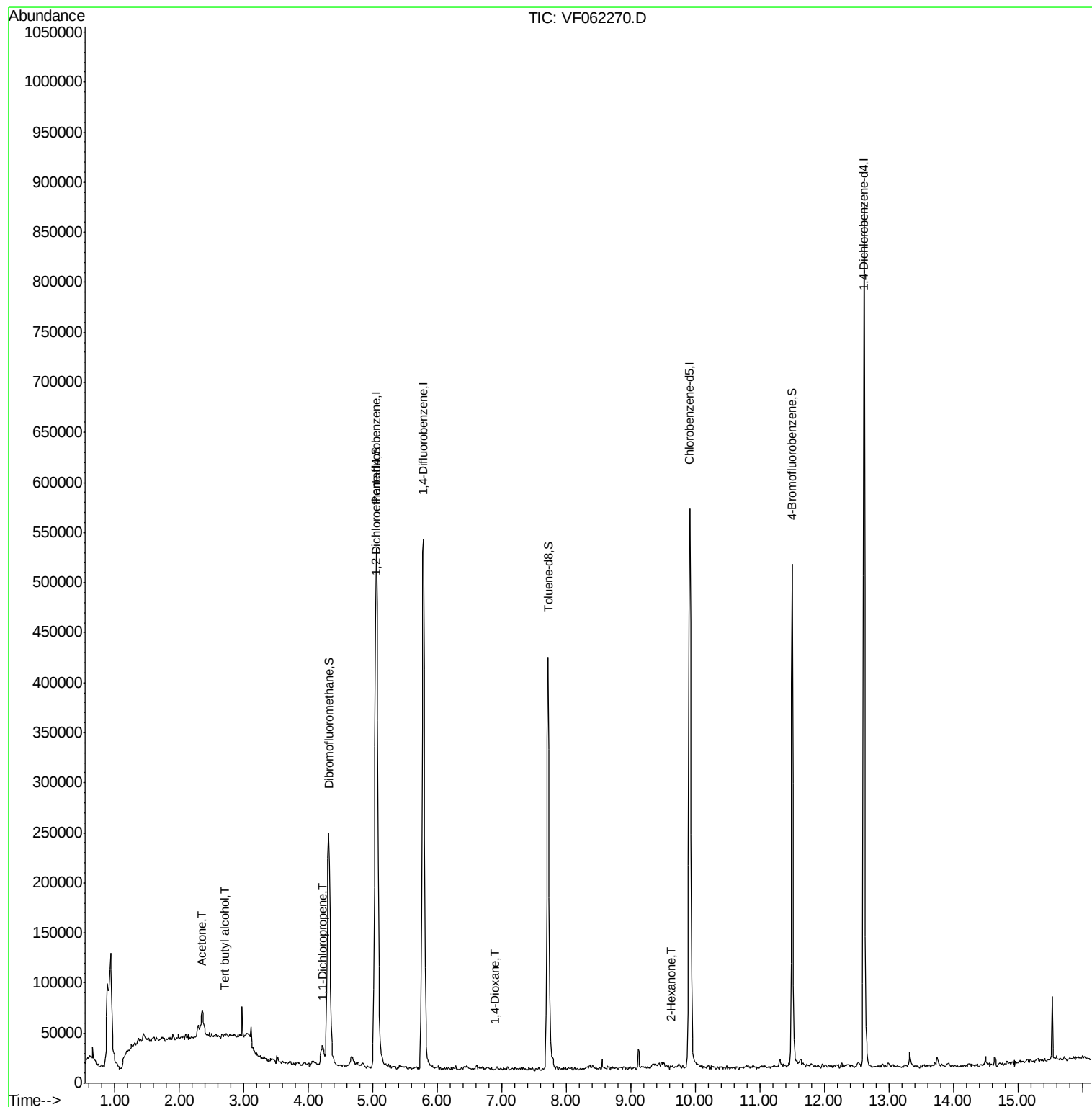
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.71	59	1725	5.935	ug/l #	19
13) Acrolein	2.11	56	1139	Below Cal	#	14
16) Acetone	2.35	43	21786	21.799	ug/l	99
18) Methyl Acetate	2.46	43	1723	Below Cal	#	39
20) Methylene Chloride	2.35	84	10780	Below Cal	#	92
36) 1,1-Dichloropropene	4.22	75	37838	4.844	ug/l #	41
49) 1,4-Dioxane	6.88	88	116	3.970	ug/l #	21
59) 2-Hexanone	9.63	43	3461	2.061	ug/l	70
74) N-amyl acetate	11.46	43	1793	Below Cal	#	80
89) n-Butylbenzene	12.90	91	1635	Below Cal		89

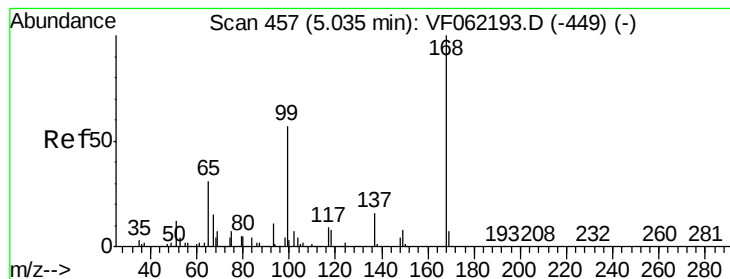
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042319\
Data File : VF062270.D
Acq On : 23 Apr 2019 18:18
Operator : FY/SY
Sample : K2514-02
Misc : 6.01a/5mL/MSVOA F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Apr 24 06:44:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF062270.D

Acq: 23 Apr 2019 18:18

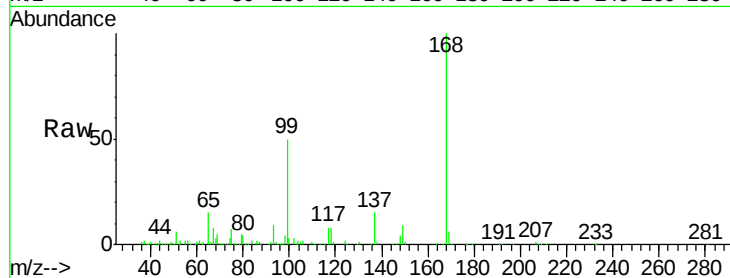
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 455986

Ion Ratio Lower Upper

168 100

99 50.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

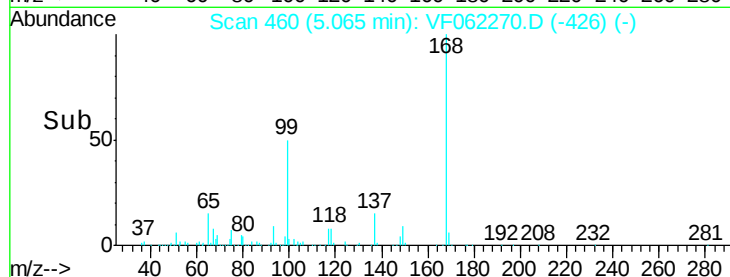
150000

100000

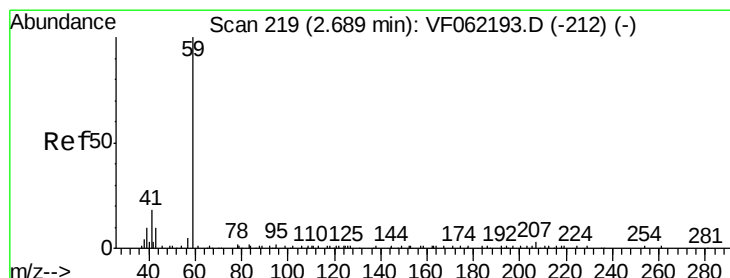
50000

0

Time-->



Time-->



#11

Tert butyl alcohol

Concen: 5.935 ug/l

RT: 2.71 min Scan# 221

Delta R.T. 0.02 min

Lab File: VF062270.D

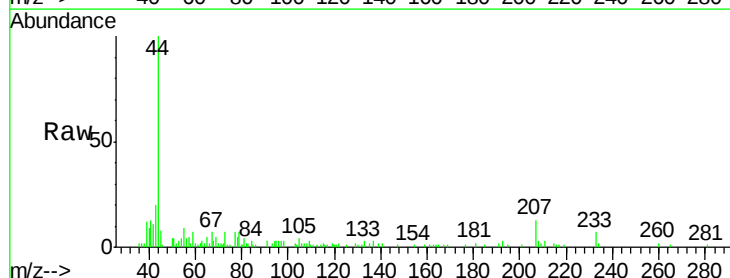
Acq: 23 Apr 2019 18:18

Tgt Ion: 59 Resp: 1725

Ion Ratio Lower Upper

59 100

57 42.8 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

1000

800

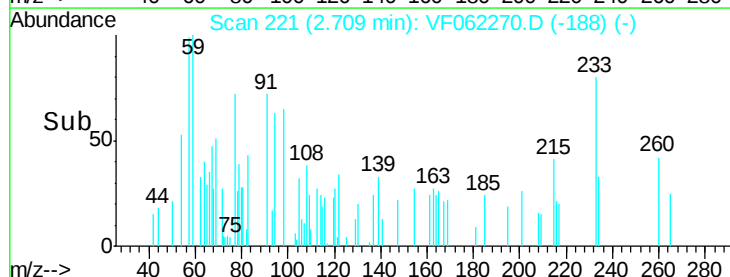
600

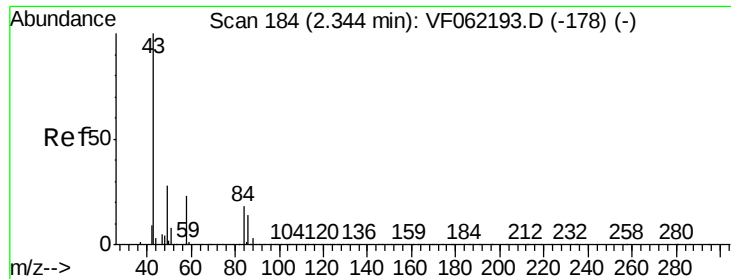
400

200

0

Time-->

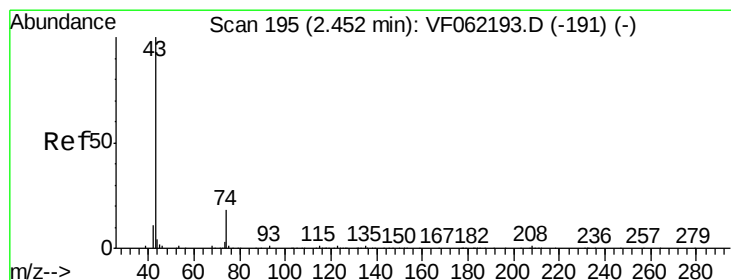
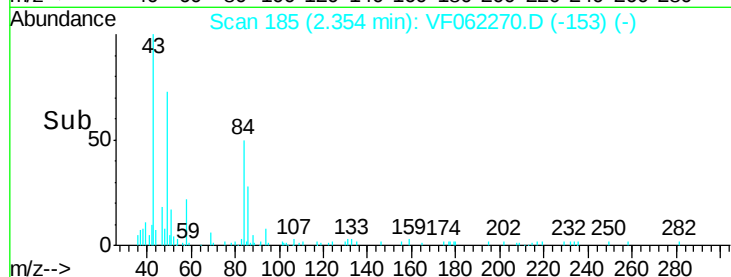
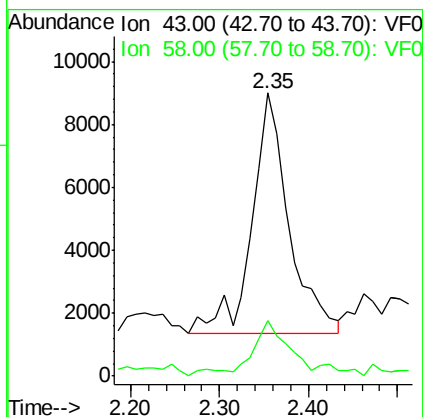
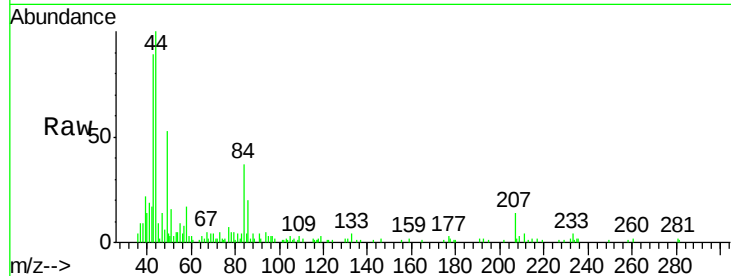




#16
Acetone
Concen: 21.799 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062270.D
Acq: 23 Apr 2019 18:18

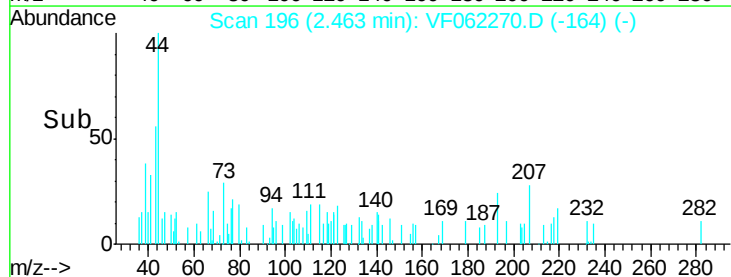
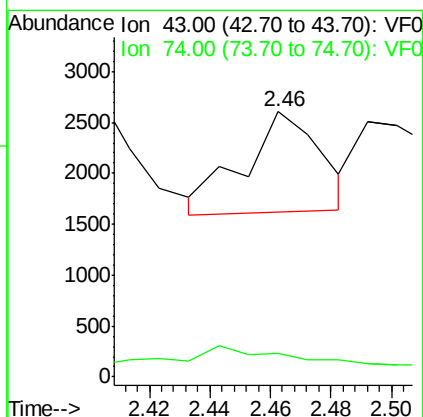
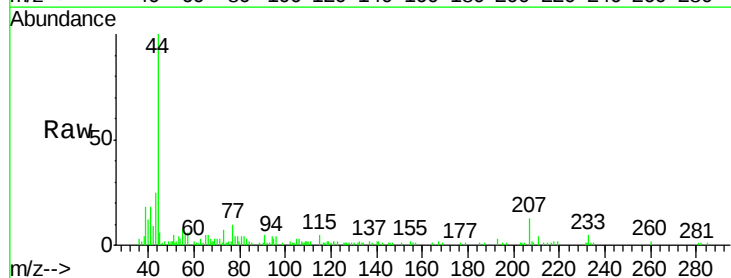
Instrument :
MSVOA_F
ClientSampleId :

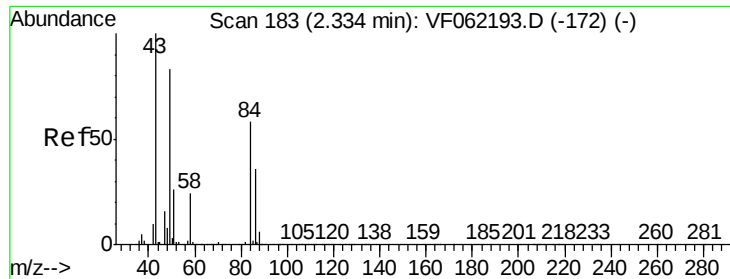
Tot Ion: 43 Resp: 21786
Ion Ratio Lower Upper
43 100
58 23.0 18.8 28.2



#18
Methyl Acetate
Concen: Below Cal
RT: 2.46 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF062270.D
Acq: 23 Apr 2019 18:18

Tgt Ion: 43 Resp: 1723
Ion Ratio Lower Upper
43 100
74 45.1 14.5 21.7#

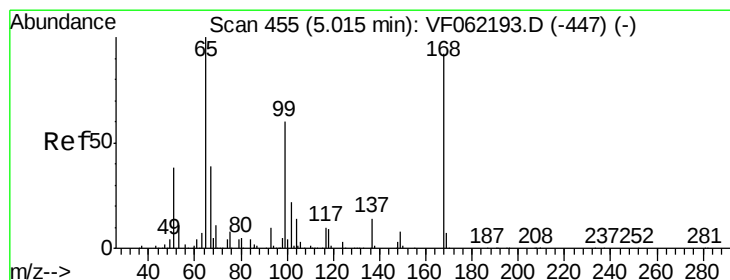
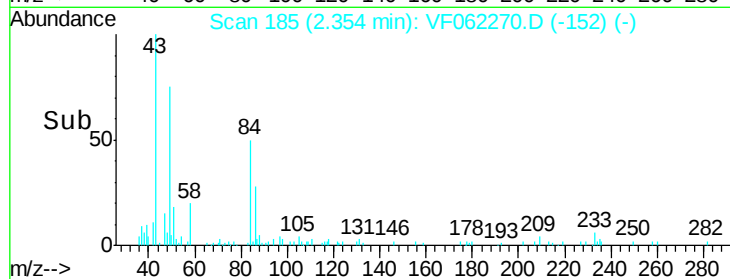
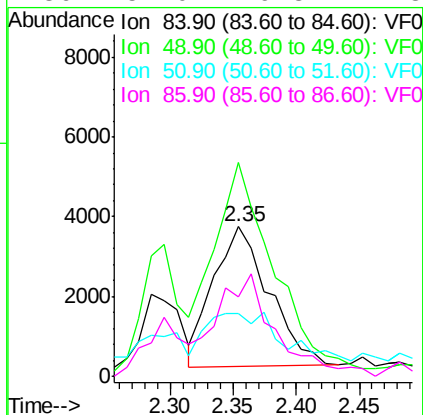
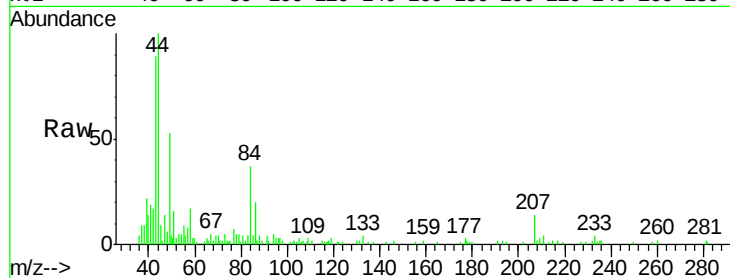




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.35 min Scan# 185
Delta R.T. 0.02 min
Lab File: VF062270.D
Acq: 23 Apr 2019 18:18

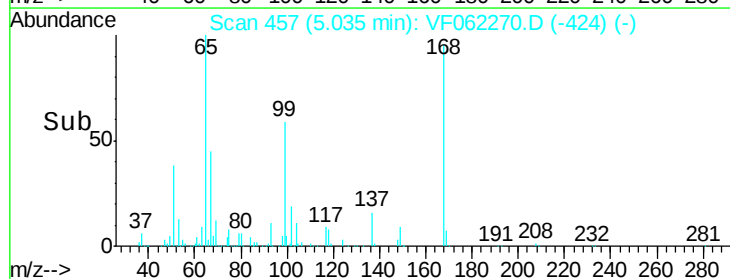
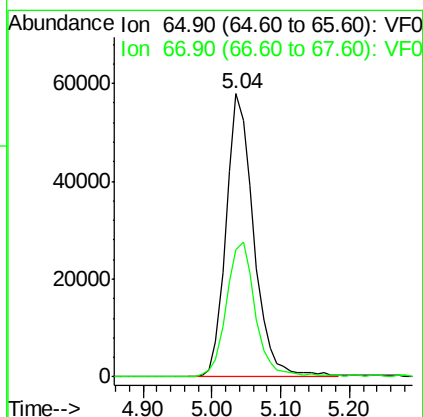
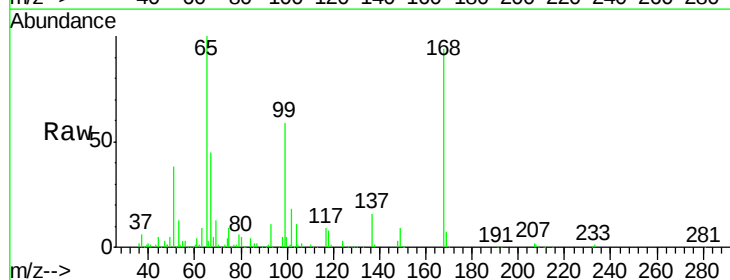
Instrument :
MSVOA_F
ClientSampleId :

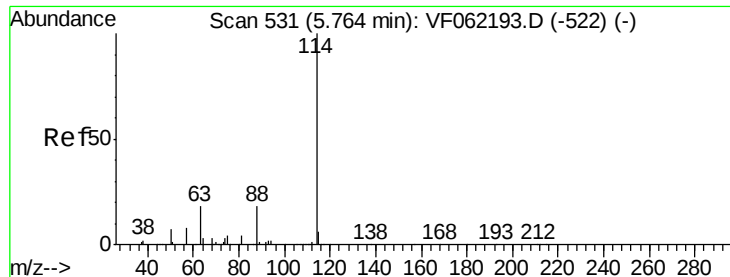
Tot Ion: 84 Resp: 10780
Ion Ratio Lower Upper
84 100
49 141.5 114.0 171.0
51 31.0 37.0 55.4#
86 52.0 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.02 min
Lab File: VF062270.D
Acq: 23 Apr 2019 18:18

Tgt Ion: 65 Resp: 159599
Ion Ratio Lower Upper
65 100
67 50.7 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062270.D

Acq: 23 Apr 2019 18:18

Instrument :

MSVOA_F

ClientSampleId :

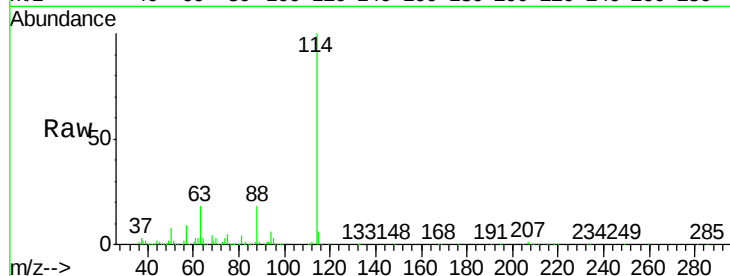
Tot Ion:114 Resp: 651580

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

88 17.9 0.0 35.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0

300000

250000

200000

150000

100000

50000

0

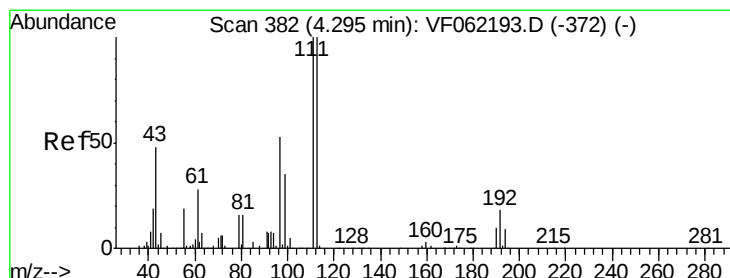
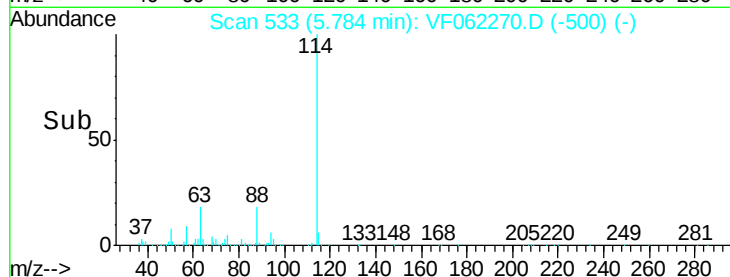
5.60

5.78

5.80

6.00

Time-->



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062270.D

Acq: 23 Apr 2019 18:18

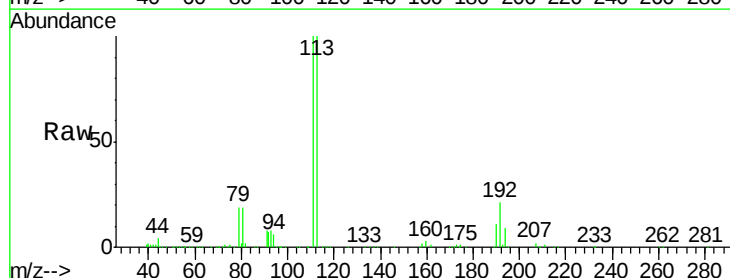
Tgt Ion:113 Resp: 223779

Ion Ratio Lower Upper

113 100

111 100.5 81.1 121.7

192 20.9 14.7 22.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

100000

80000

60000

40000

20000

0

4.10

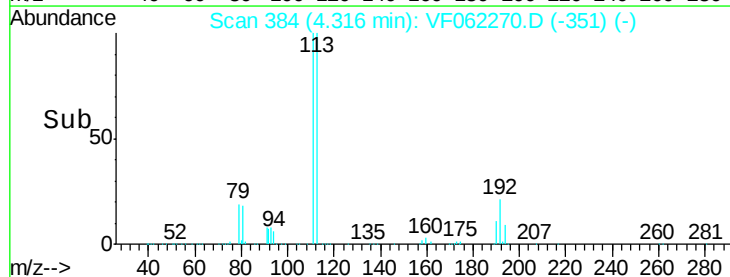
4.20

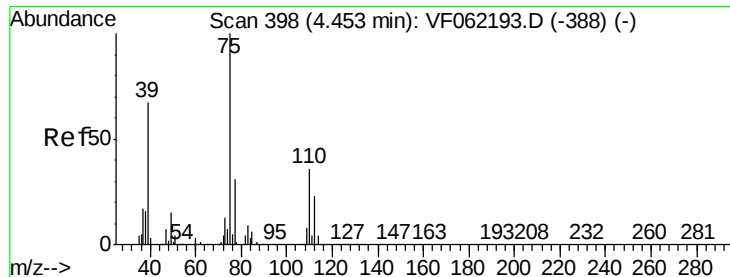
4.30

4.40

4.50

Time-->





#36

1,1-Dichloropropene

Concen: 4.844 ug/l

RT: 4.22 min Scan# 374

Delta R.T. -0.24 min

Lab File: VF062270.D

Acq: 23 Apr 2019 18:18

Instrument :

MSVOA_F

ClientSampleId :

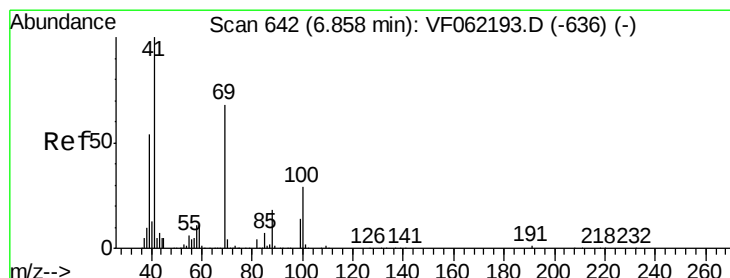
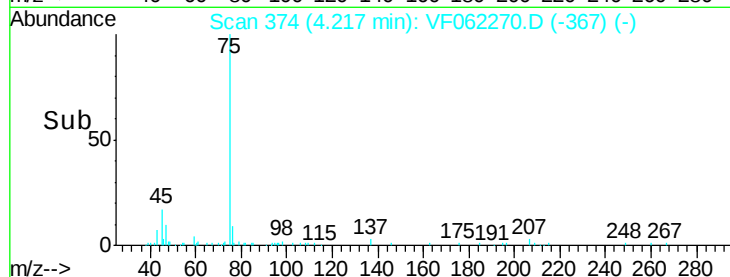
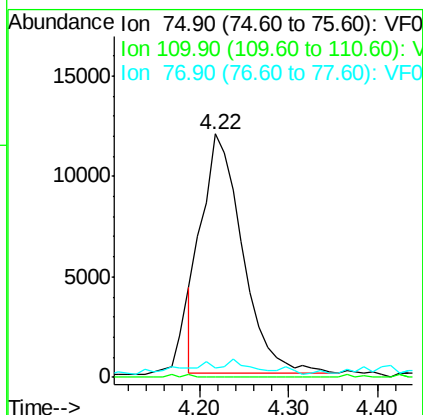
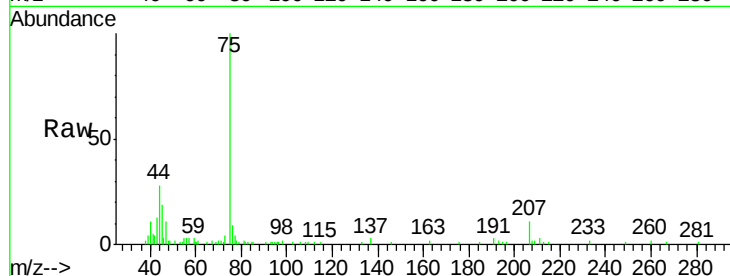
Tot Ion: 75 Resp: 37838

Ion Ratio Lower Upper

75 100

110 0.0 18.4 55.2#

77 0.6 25.4 38.2#



#49

1,4-Dioxane

Concen: 3.970 ug/l

RT: 6.88 min Scan# 644

Delta R.T. 0.02 min

Lab File: VF062270.D

Acq: 23 Apr 2019 18:18

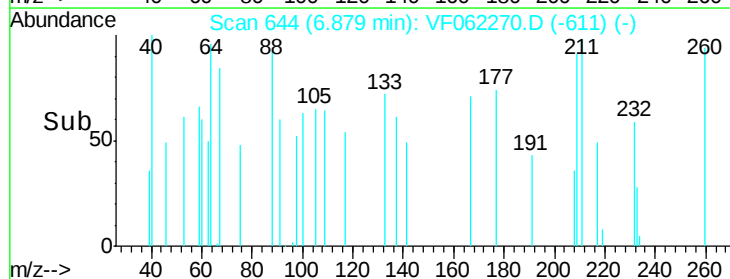
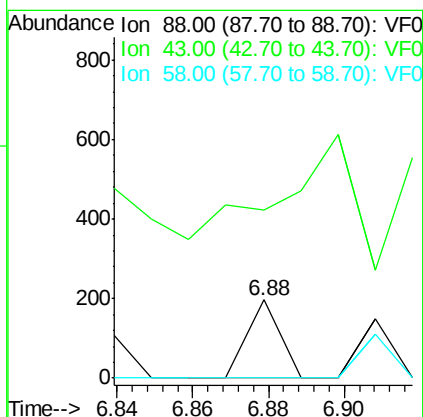
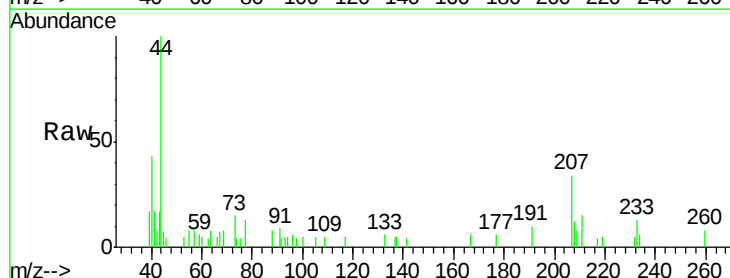
Tgt Ion: 88 Resp: 116

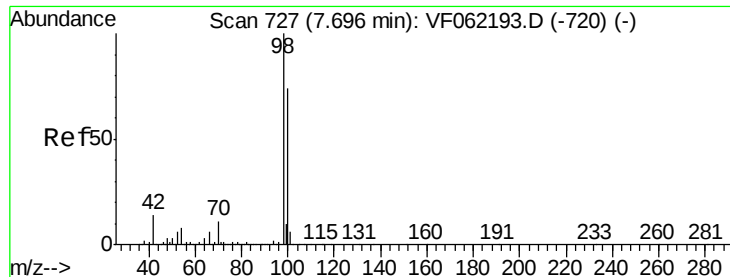
Ion Ratio Lower Upper

88 100

43 0.0 36.9 55.3#

58 0.0 56.8 85.2#

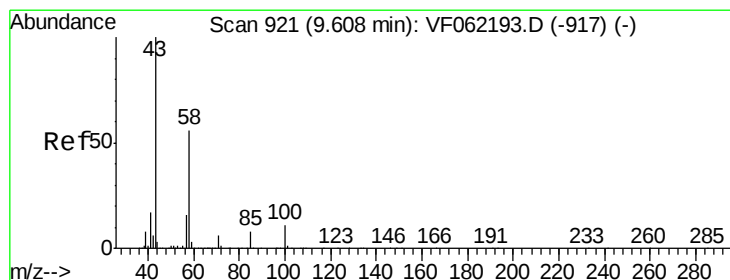
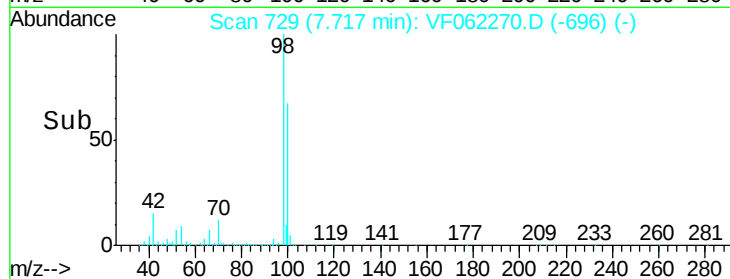
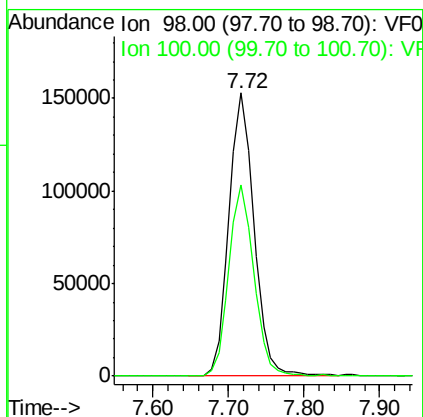
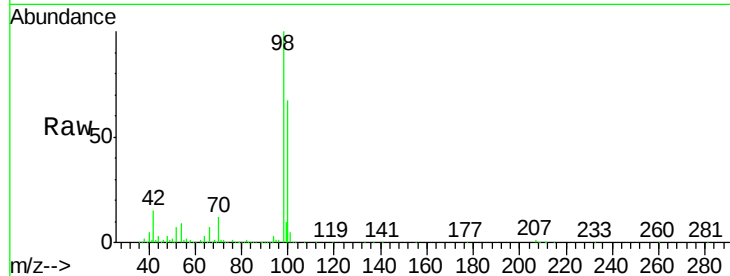




#50
Toluene-d8
Concen: 3.970 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062270.D
Acq: 23 Apr 2019 18:18

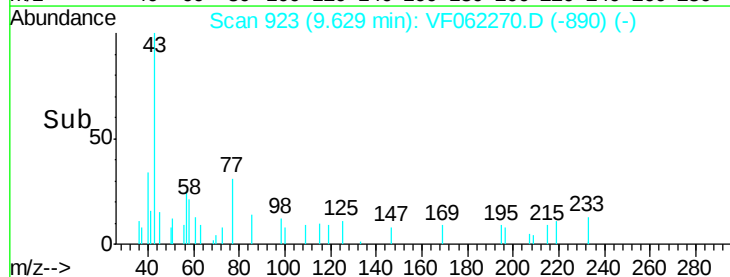
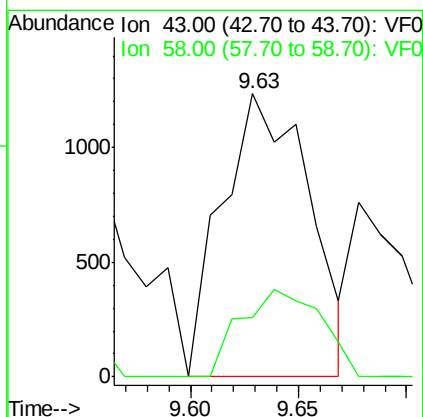
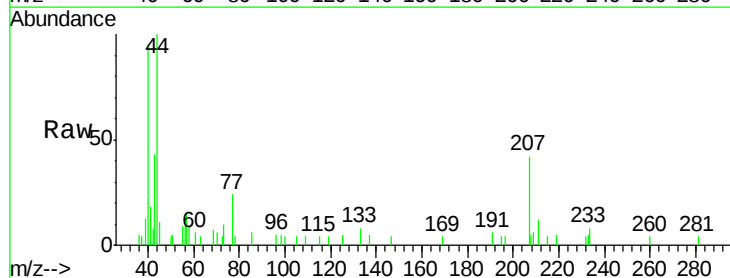
Instrument :
MSVOA_F
ClientSampleId :

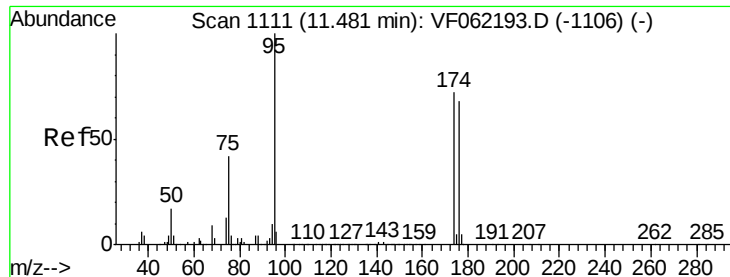
Tot Ion: 98 Resp: 351860
Ion Ratio Lower Upper
98 100
100 67.4 56.2 84.2



#59
2-Hexanone
Concen: 2.061 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.02 min
Lab File: VF062270.D
Acq: 23 Apr 2019 18:18

Tgt Ion: 43 Resp: 3461
Ion Ratio Lower Upper
43 100
58 28.6 24.6 74.0

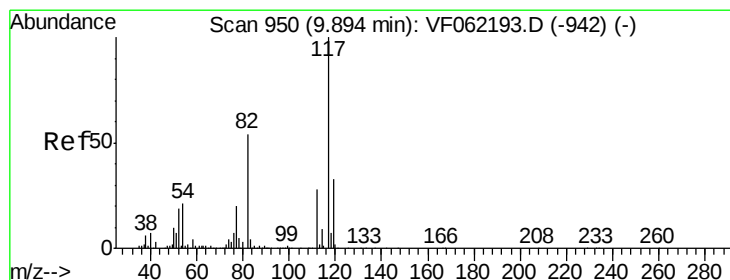
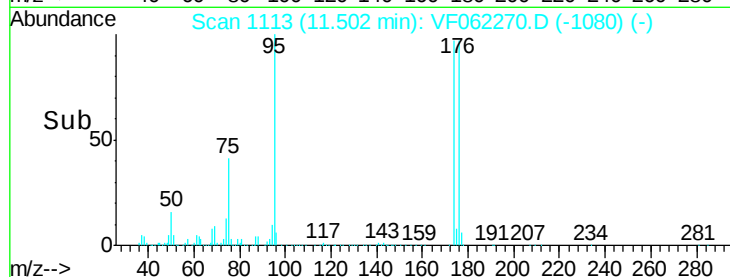
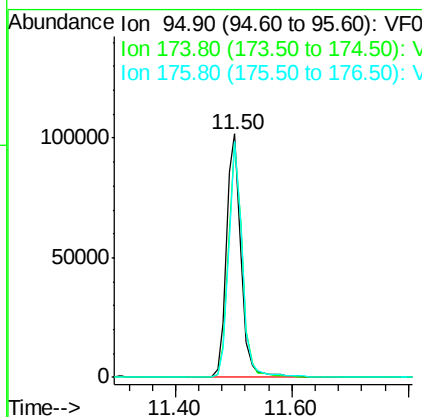
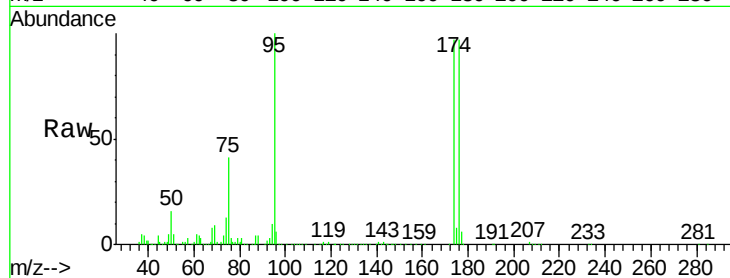




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062270.D
Acq: 23 Apr 2019 18:18

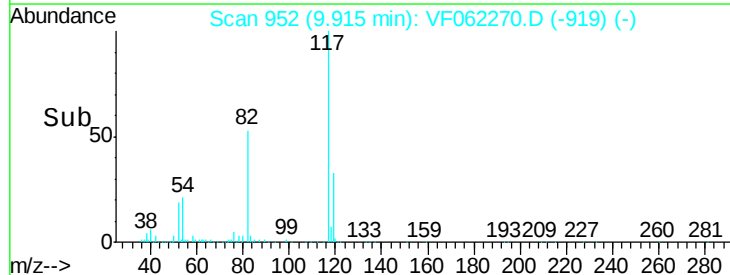
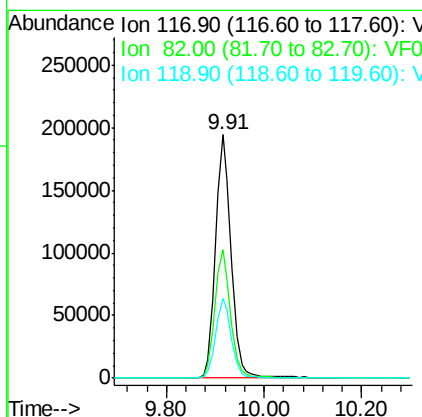
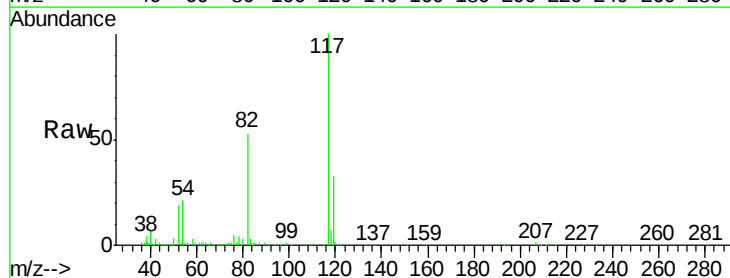
Instrument :
MSVOA_F
ClientSampleId :

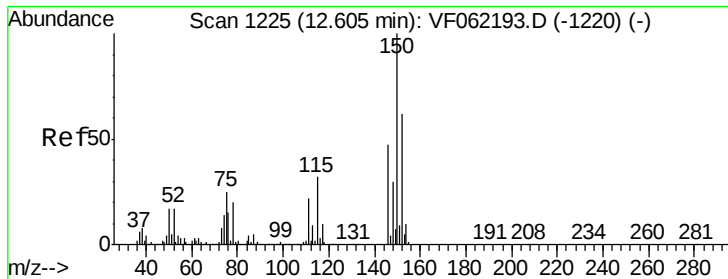
Tot Ion: 95 Resp: 175211
Ion Ratio Lower Upper
95 100
174 92.3 0.0 159.4
176 90.6 0.0 155.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062270.D
Acq: 23 Apr 2019 18:18

Tgt Ion: 117 Resp: 437353
Ion Ratio Lower Upper
117 100
82 52.6 43.2 64.8
119 32.6 26.2 39.4

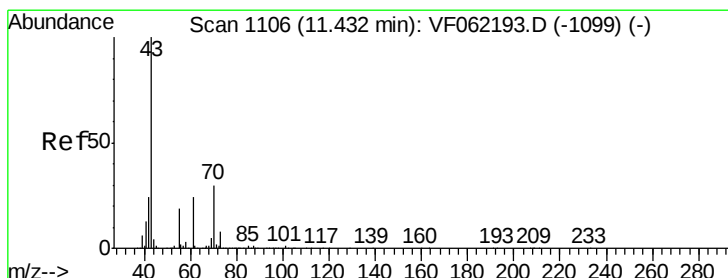
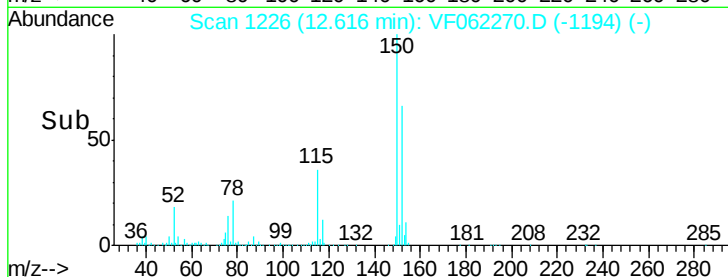
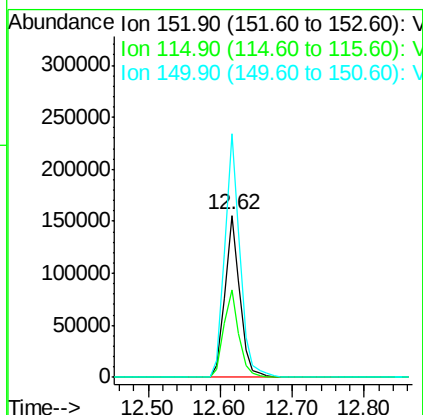
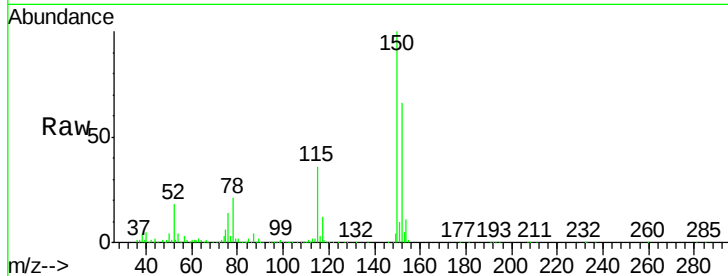




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.62 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: VF062270.D
 Acq: 23 Apr 2019 18:18

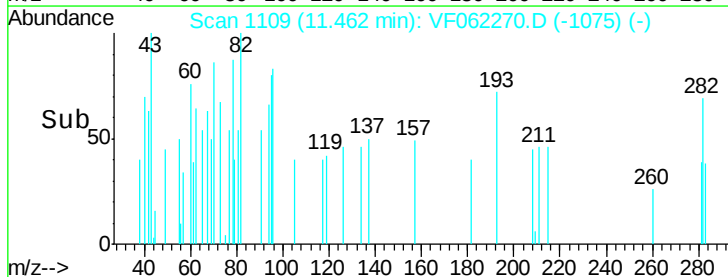
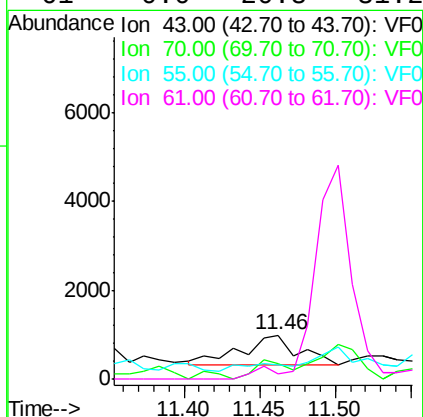
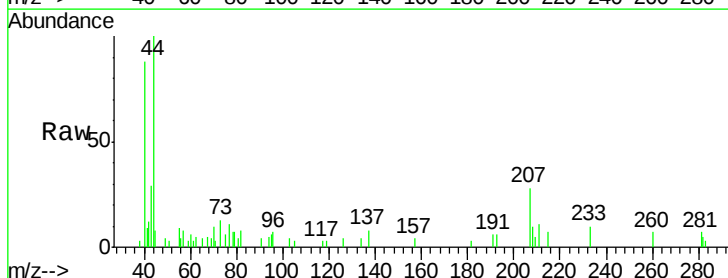
Instrument :
 MSVOA_F
 ClientSampleId :

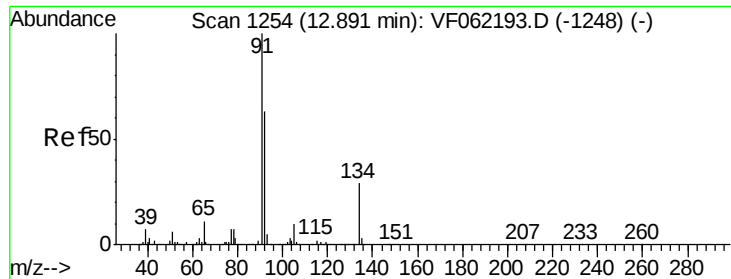
Tot Ion:152 Resp: 224440
 Ion Ratio Lower Upper
 152 100
 115 54.7 27.8 83.3
 150 152.3 0.0 341.8



#74
 N-ethyl acetate
 Concen: Below Cal
 RT: 11.46 min Scan# 1109
 Delta R.T. 0.03 min
 Lab File: VF062270.D
 Acq: 23 Apr 2019 18:18

Tgt Ion: 43 Resp: 1793
 Ion Ratio Lower Upper
 43 100
 70 35.5 27.0 40.4
 55 22.9 15.7 23.5
 61 0.0 20.8 31.2#





#89

n-Butylbenzene

Concen: Below Cal

RT: 12.90 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VF062270.D

Acq: 23 Apr 2019 18:18

Instrument :

MSVOA_F

ClientSampleId :

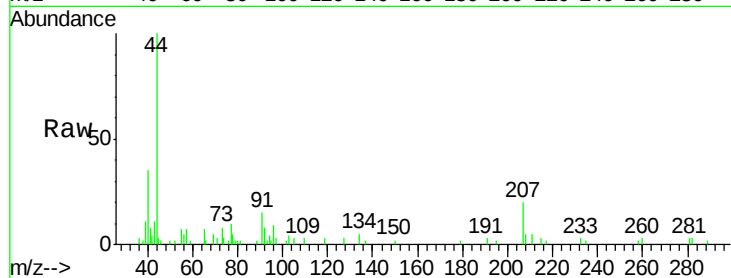
Tot Ion: 91 Resp: 1635

Ion Ratio Lower Upper

91 100

92 55.0 31.2 93.6

134 19.4 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V

