

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060132.D
 Acq On : 27 Aug 2018 18:34
 Operator : VA/AP
 Sample : J4646-15
 Misc : 5.51g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Aug 27 18:55:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

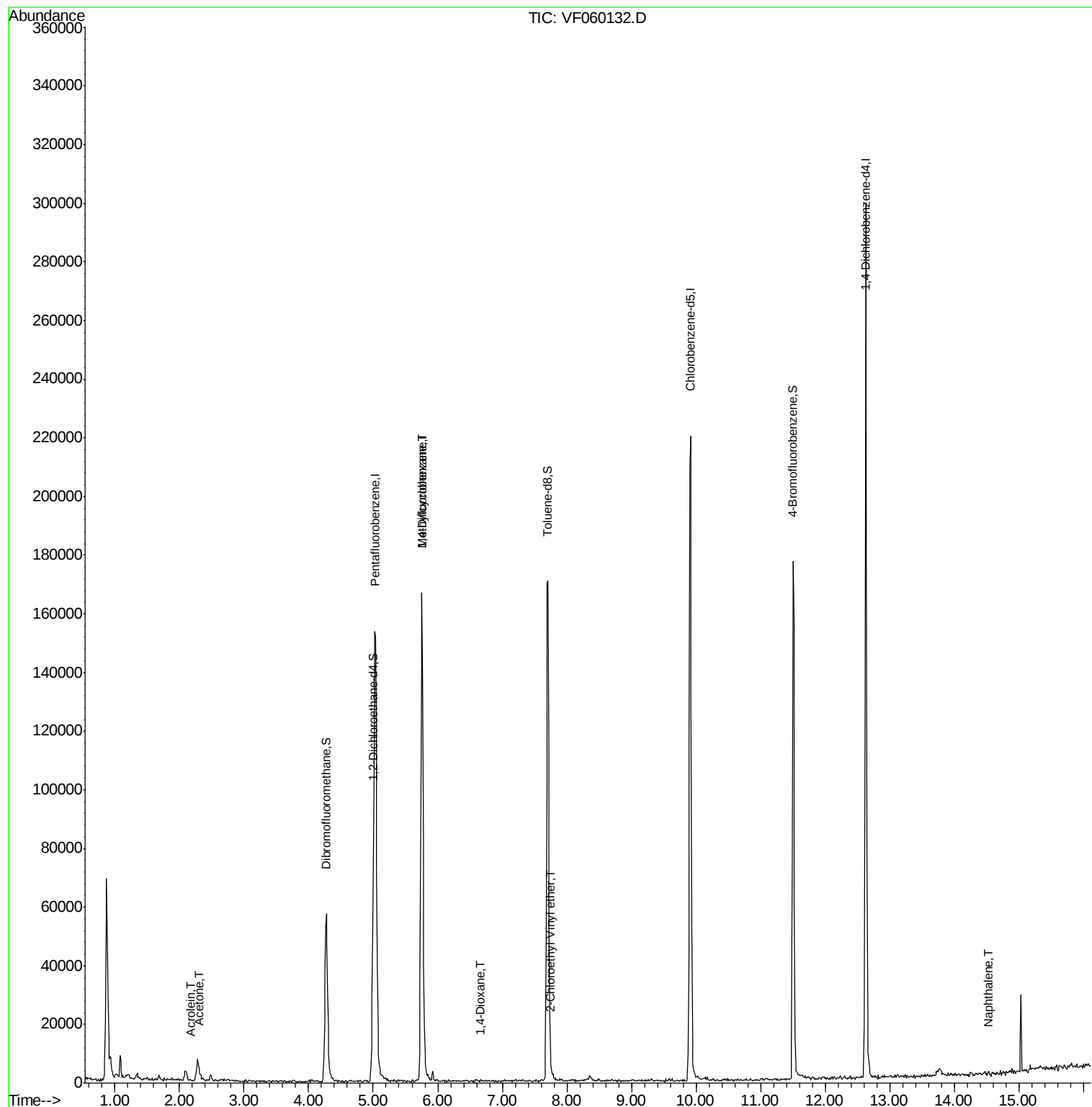
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	125532	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	167721	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	148837	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	74540	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	43075	25.07	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	50.14%	
35) Dibromofluoromethane	4.28	113	50759	38.54	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	77.08%	
50) Toluene-d8	7.70	98	143437	38.35	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	76.70%	
62) 4-Bromofluorobenzene	11.50	95	58682	29.66	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	59.32%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.08	50	647	Below Cal	#	40
13) Acrolein	2.19	56	79	27.589	ug/l #	8
16) Acetone	2.31	43	880	1.949	ug/l #	63
18) Methyl Acetate	2.47	43	534	Below Cal	#	60
20) Methylene Chloride	2.28	84	3879	Below Cal	#	90
39) Methylcyclohexane	5.75	83	2839	1.921	ug/l #	43
49) 1,4-Dioxane	6.67	88	89	11.809	ug/l #	18
52) Toluene	7.76	92	296	Below Cal	#	29
58) 2-Chloroethyl Vinyl ether	7.75	63	145	1.624	ug/l	100
95) Naphthalene	14.53	128	245	2.370	ug/l #	69

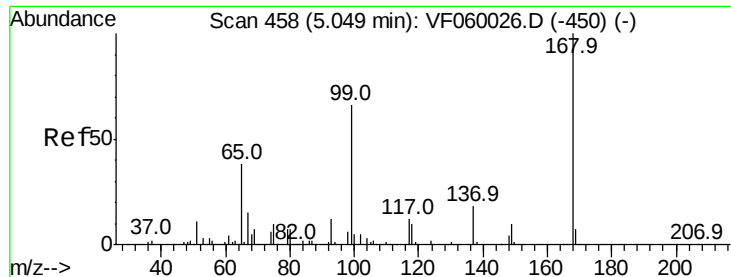
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082718\
Data File : VF060132.D
Acq On : 27 Aug 2018 18:34
Operator : VA/AP
Sample : J4646-15
Misc : 5.51g/5mL/MSVOA F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Aug 27 18:55:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF060132.D

Acq: 27 Aug 2018 18:34

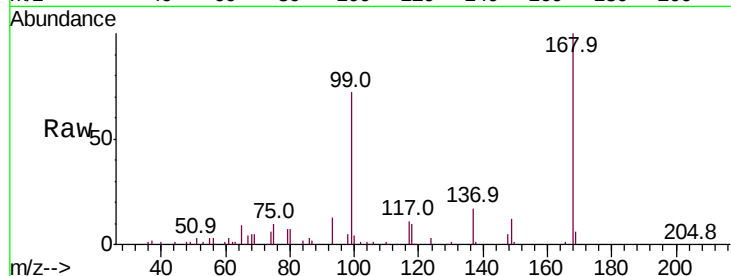
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 125532

Ion Ratio Lower Upper

168 100

99 72.5 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

40000

30000

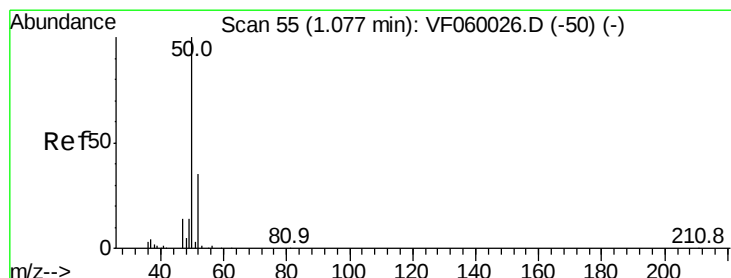
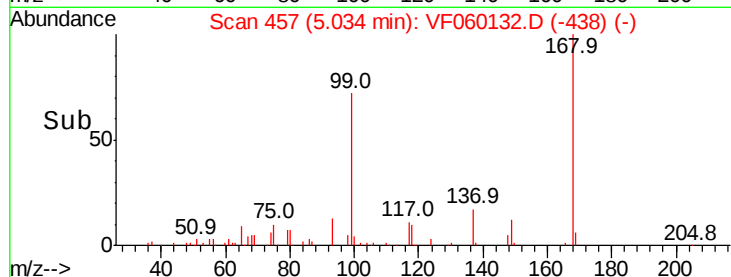
20000

10000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#3

Chloromethane

Concen: Below Cal

RT: 1.08 min Scan# 56

Delta R.T. 0.01 min

Lab File: VF060132.D

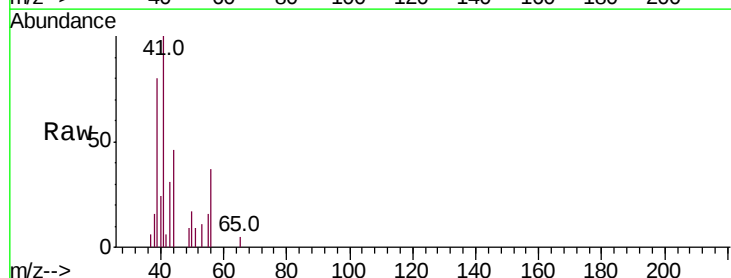
Acq: 27 Aug 2018 18:34

Tgt Ion: 50 Resp: 647

Ion Ratio Lower Upper

50 100

52 0.0 27.6 41.4#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

1.08

400

300

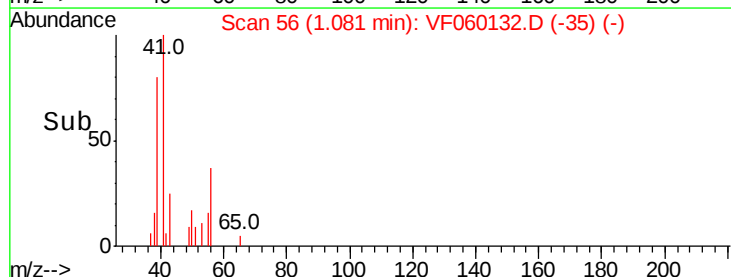
200

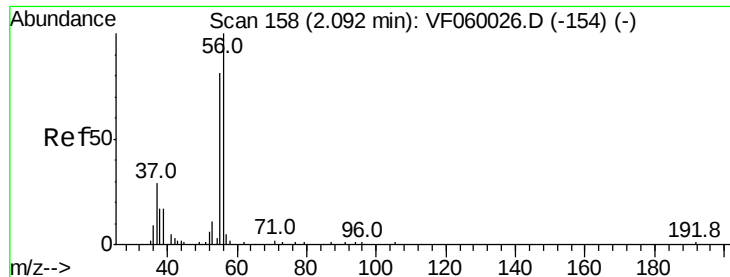
100

0

Time-->

1.05 1.10





#13

Acrolein

Concen: 27.589 ug/l

RT: 2.19 min Scan# 168

Delta R.T. 0.09 min

Lab File: VF060132.D

Acq: 27 Aug 2018 18:34

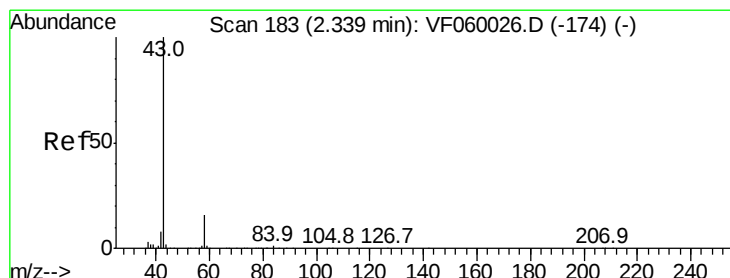
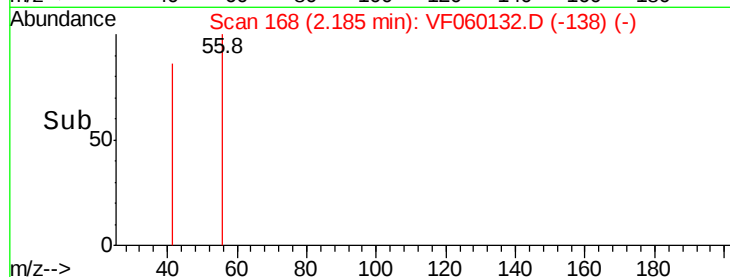
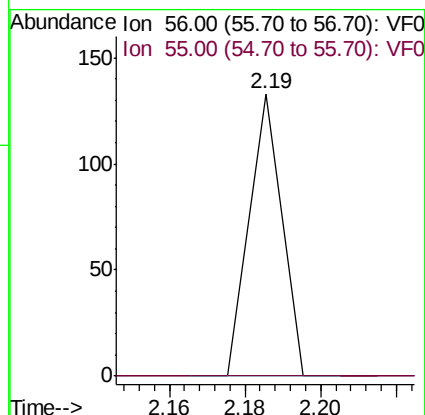
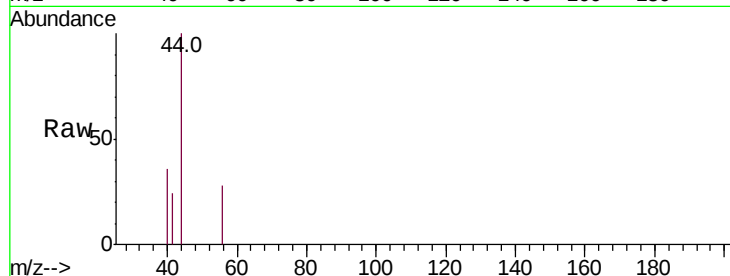
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 56 Resp: 79

Ion Ratio Lower Upper

56 100

55 0.0 65.6 98.4#



#16

Acetone

Concen: 1.949 ug/l

RT: 2.31 min Scan# 181

Delta R.T. -0.03 min

Lab File: VF060132.D

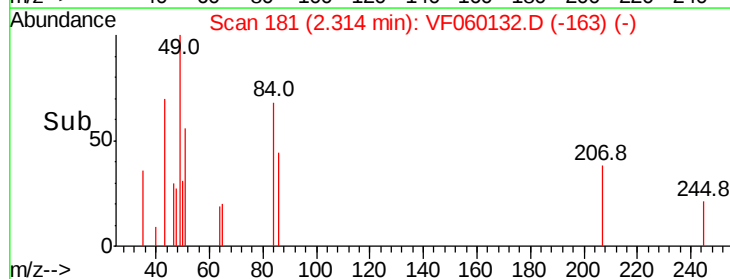
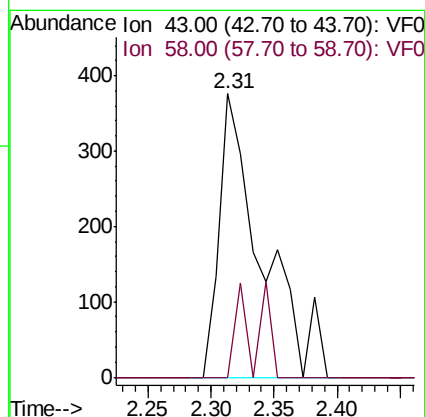
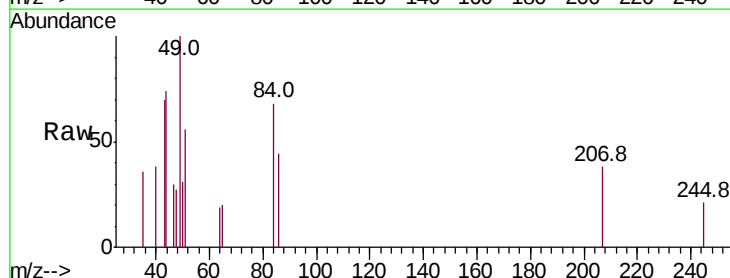
Acq: 27 Aug 2018 18:34

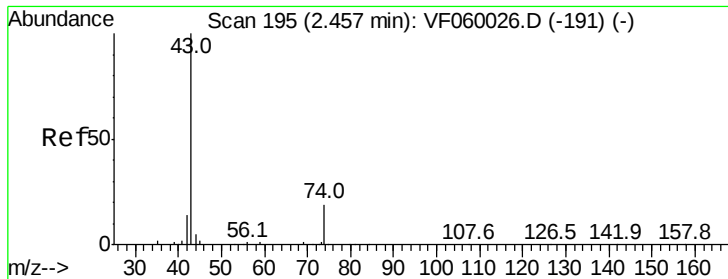
Tgt Ion: 43 Resp: 880

Ion Ratio Lower Upper

43 100

58 0.0 12.6 19.0#

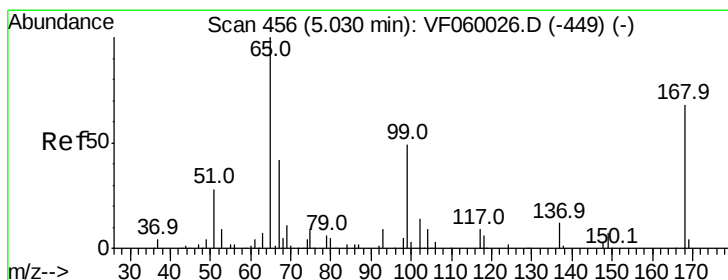
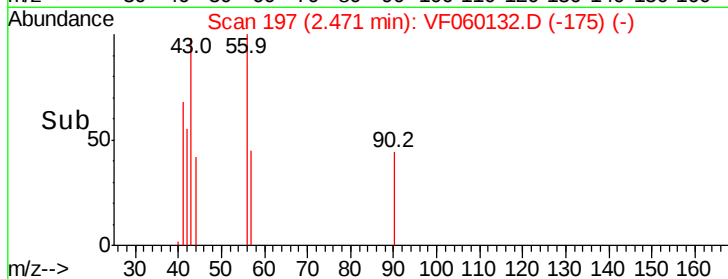
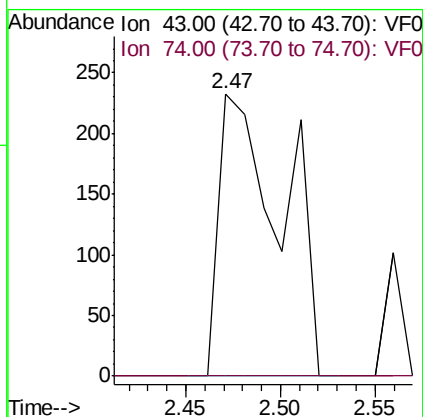
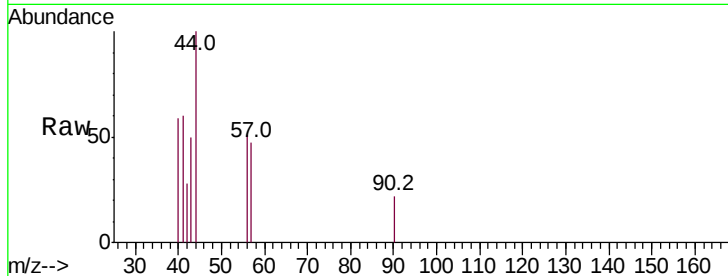




#18
Methyl Acetate
Concen: Below Cal
RT: 2.47 min Scan# 197
Delta R.T. 0.02 min
Lab File: VF060132.D
Acq: 27 Aug 2018 18:34

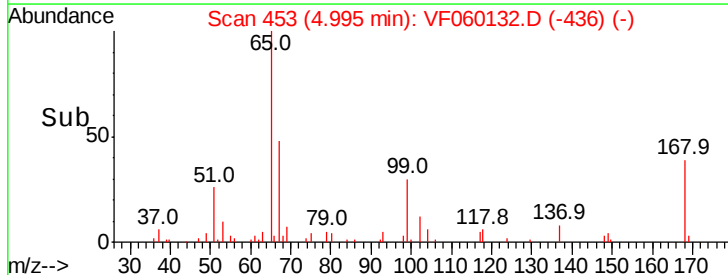
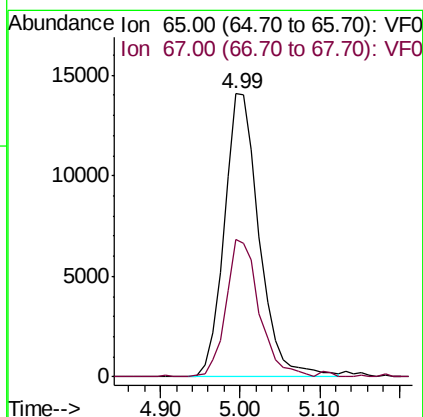
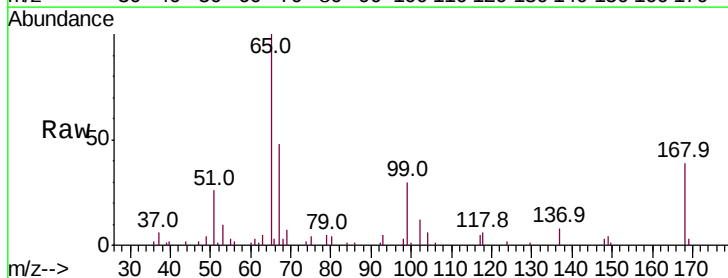
Instrument :
MSVOA_F
ClientSampled :

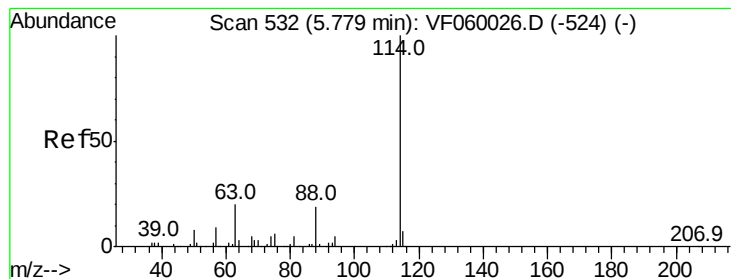
Tot Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
74 0.0 13.8 20.6#



#33
1,2-Dichloroethane-d4
Concen: 25.072 ug/l
RT: 4.99 min Scan# 453
Delta R.T. -0.03 min
Lab File: VF060132.D
Acq: 27 Aug 2018 18:34

Tgt Ion: 65 Resp: 43075
Ion Ratio Lower Upper
65 100
67 48.4 0.0 92.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.03 min

Lab File: VF060132.D

Acq: 27 Aug 2018 18:34

Instrument :

MSVOA_F

ClientSampleId :

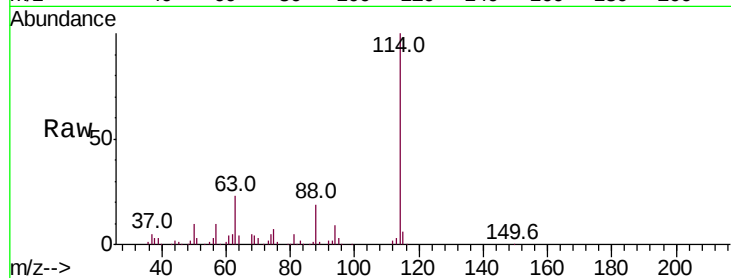
Tot Ion:114 Resp: 167721

Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.4

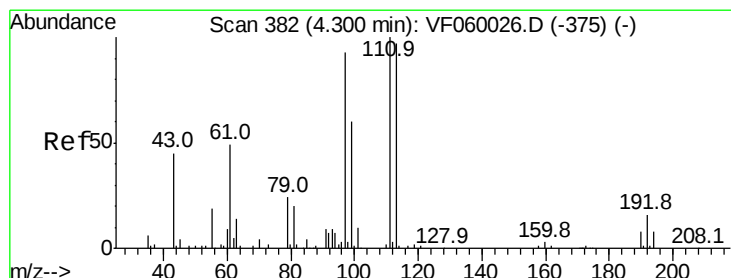
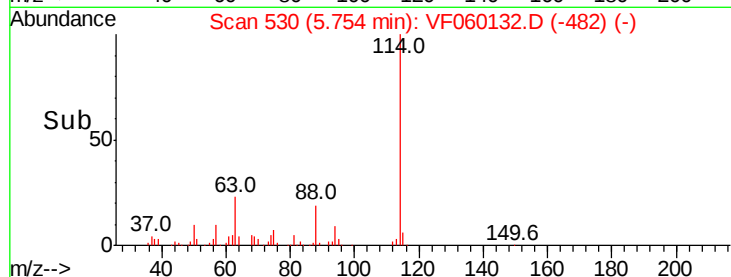
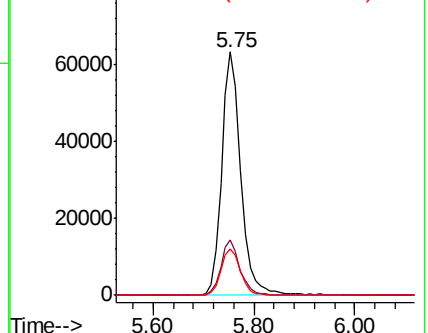
88 19.4 0.0 38.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 38.540 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.03 min

Lab File: VF060132.D

Acq: 27 Aug 2018 18:34

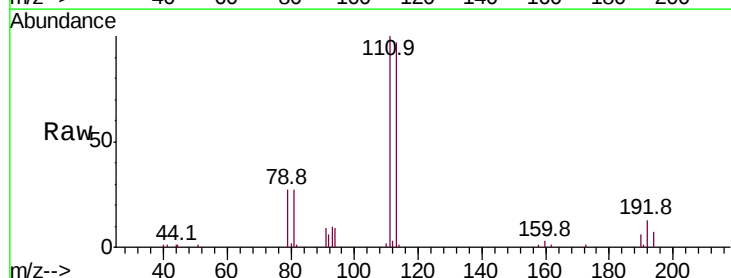
Tgt Ion:113 Resp: 50759

Ion Ratio Lower Upper

113 100

111 102.9 82.7 124.1

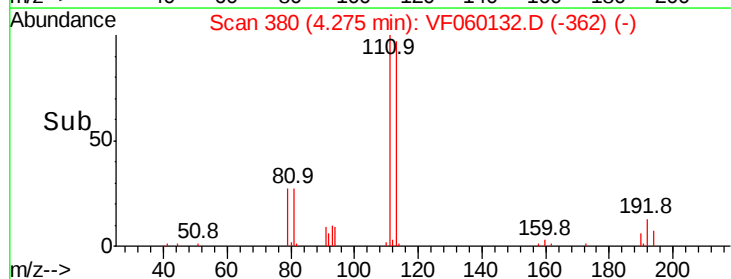
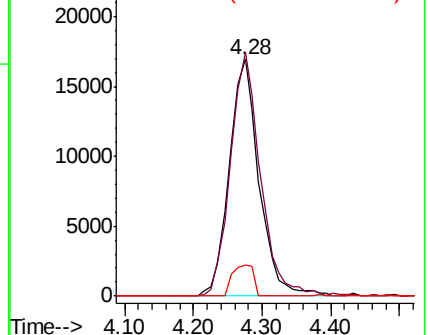
192 13.1 13.0 19.4

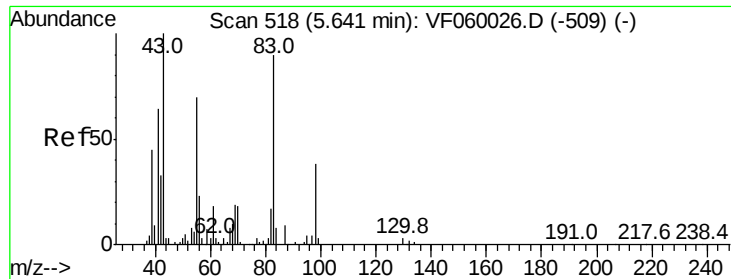


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

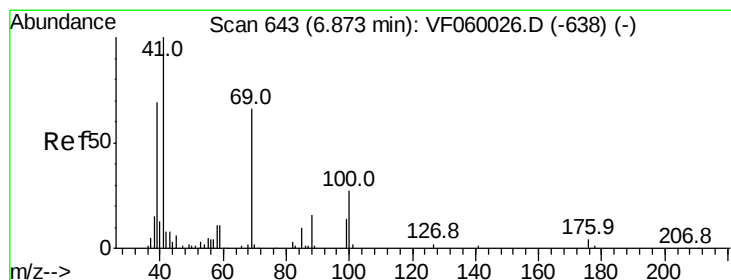
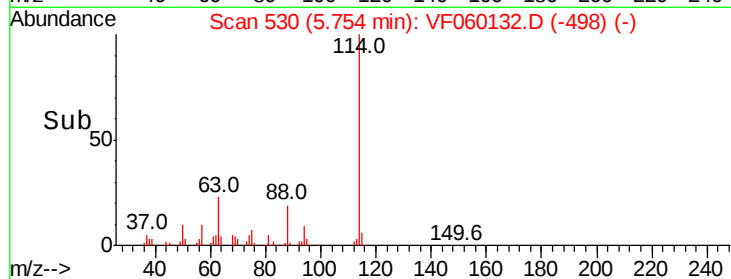
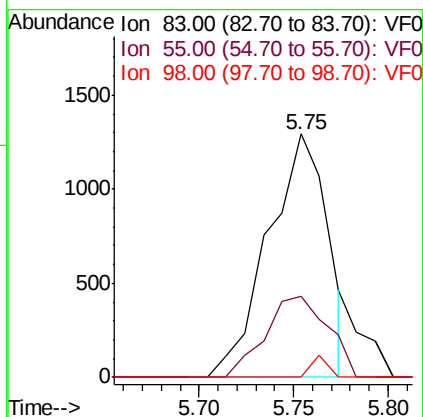
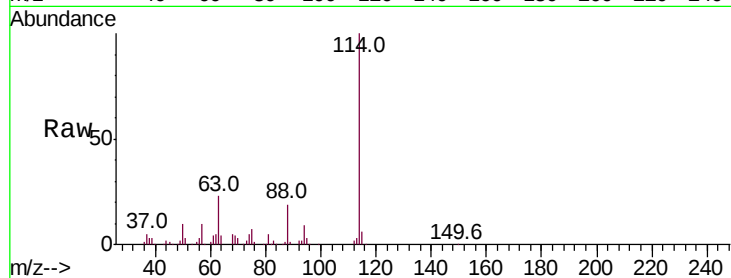




#39
Methylcyclohexane
Concen: 1.921 ug/l
RT: 5.75 min Scan# 530
Delta R.T. 0.11 min
Lab File: VF060132.D
Acq: 27 Aug 2018 18:34

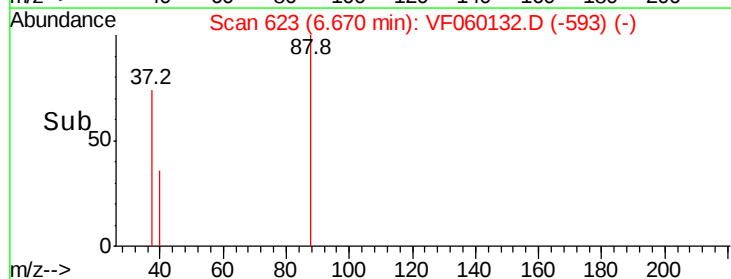
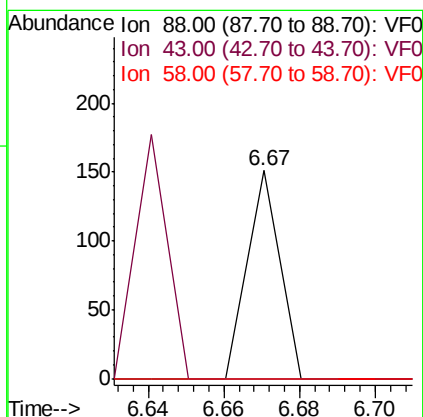
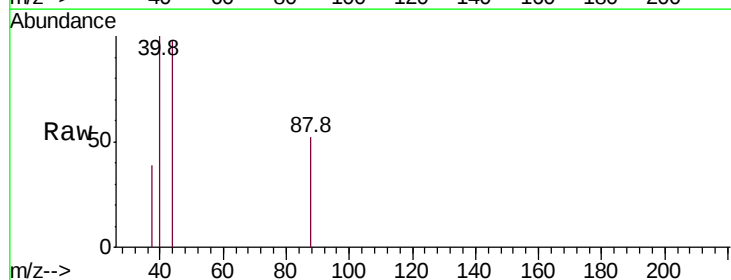
Instrument :
MSVOA_F
ClientSampleId :

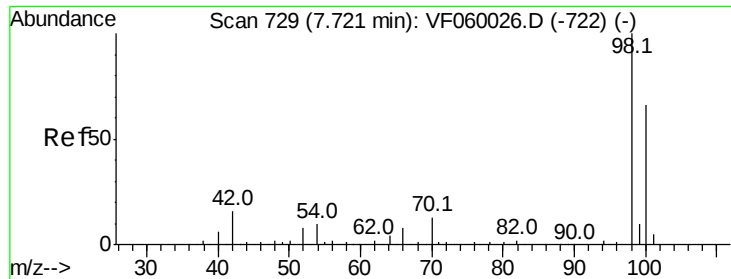
Tot Ion: 83 Resp: 2839
Ion Ratio Lower Upper
83 100
55 33.5 62.7 94.1#
98 0.0 33.8 50.8#



#49
1,4-Dioxane
Concen: 11.809 ug/l
RT: 6.67 min Scan# 623
Delta R.T. -0.20 min
Lab File: VF060132.D
Acq: 27 Aug 2018 18:34

Tgt Ion: 88 Resp: 89
Ion Ratio Lower Upper
88 100
43 0.0 46.5 69.7#
58 0.0 54.8 82.2#

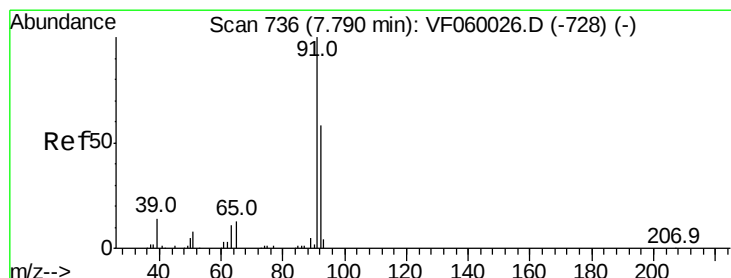
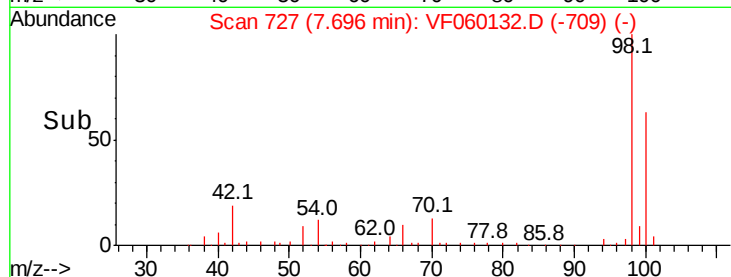
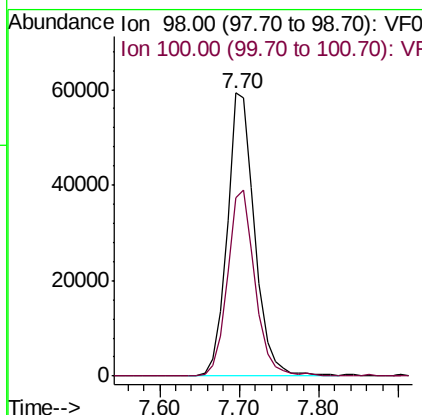
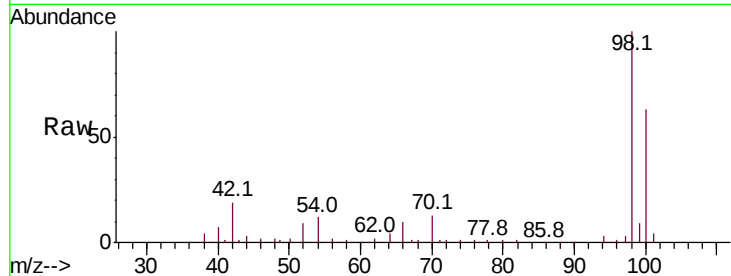




#50
Toluene-d8
Concen: 38.348 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF060132.D
Acq: 27 Aug 2018 18:34

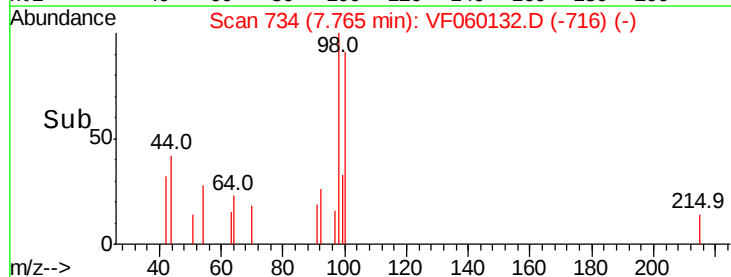
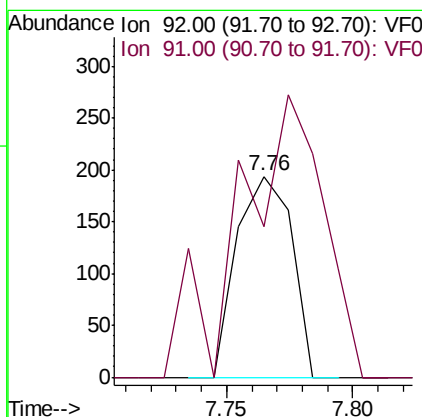
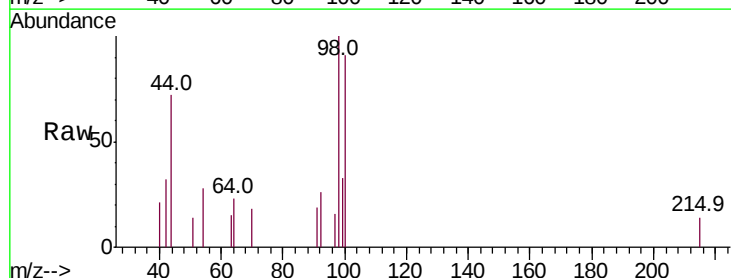
Instrument :
MSVOA_F
ClientSampleId :

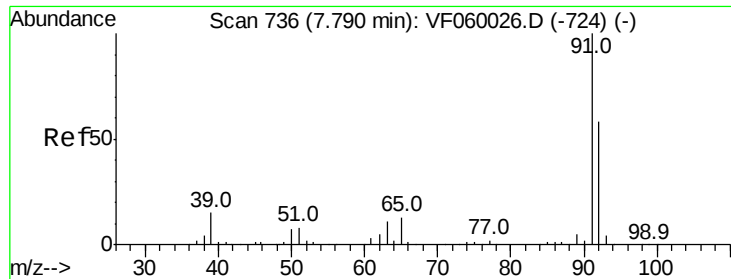
Tot Ion: 98 Resp: 143437
Ion Ratio Lower Upper
98 100
100 62.9 53.2 79.8



#52
Toluene
Concen: Below Cal
RT: 7.76 min Scan# 734
Delta R.T. -0.02 min
Lab File: VF060132.D
Acq: 27 Aug 2018 18:34

Tgt Ion: 92 Resp: 296
Ion Ratio Lower Upper
92 100
91 74.7 137.7 206.5#

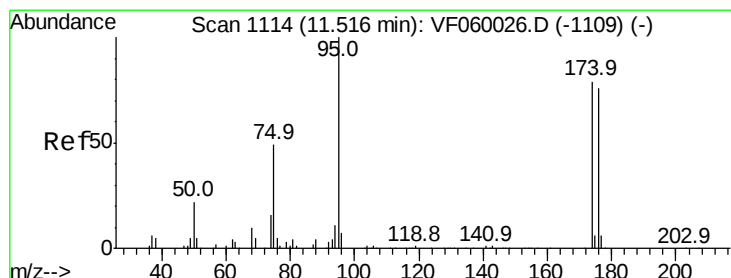
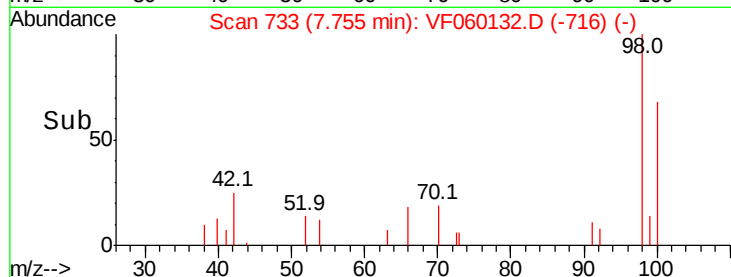
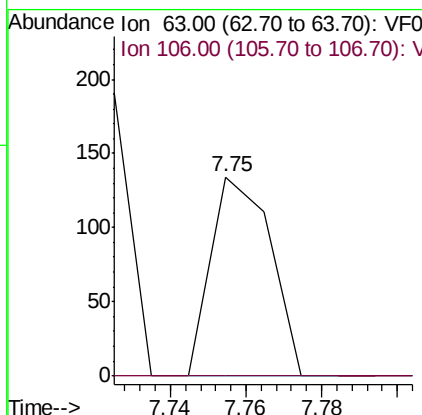
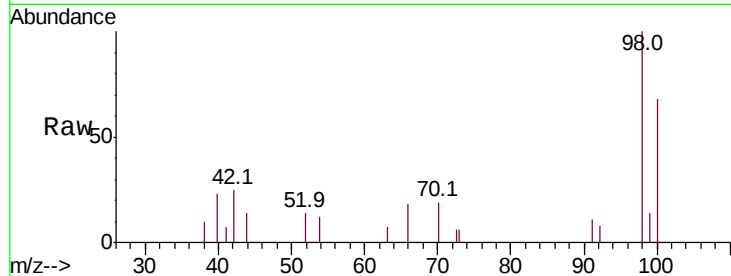




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.624 ug/l
 RT: 7.75 min Scan# 733
 Delta R.T. -0.03 min
 Lab File: VF060132.D
 Acq: 27 Aug 2018 18:34

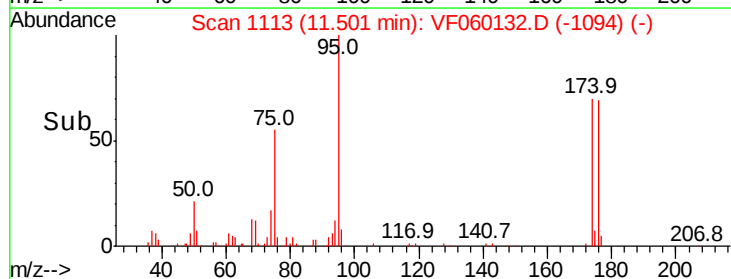
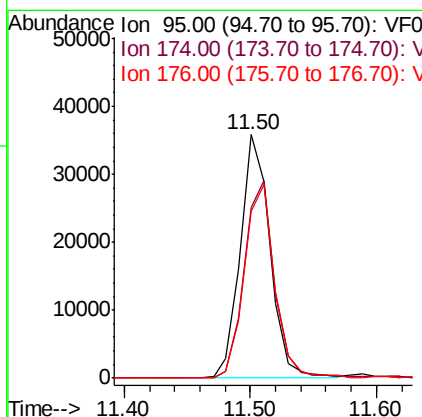
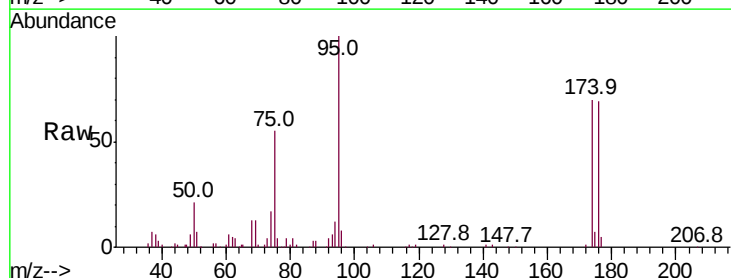
Instrument :
 MSVOA_F
 ClientSampled :

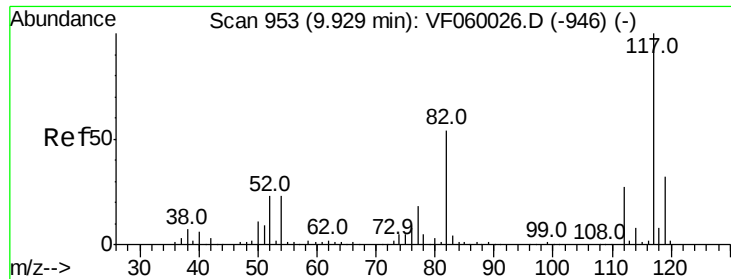
Tot Ion: 63 Resp: 145
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#62
 4-Bromofluorobenzene
 Concen: 29.657 ug/l
 RT: 11.50 min Scan# 1113
 Delta R.T. -0.02 min
 Lab File: VF060132.D
 Acq: 27 Aug 2018 18:34

Tgt Ion: 95 Resp: 58682
 Ion Ratio Lower Upper
 95 100
 174 70.1 0.0 158.4
 176 68.6 0.0 153.0

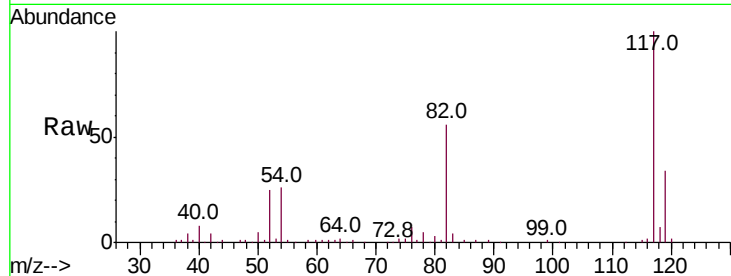




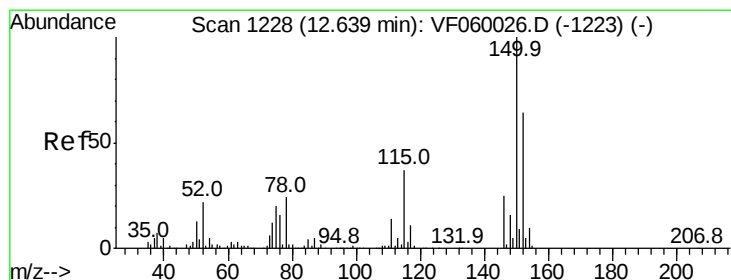
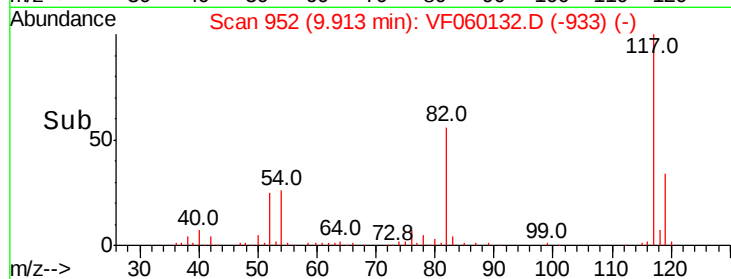
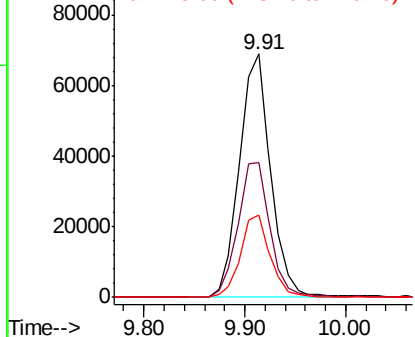
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF060132.D
Acq: 27 Aug 2018 18:34

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:117 Resp: 148837
Ion Ratio Lower Upper
117 100
82 55.6 43.6 65.4
119 33.6 25.6 38.4

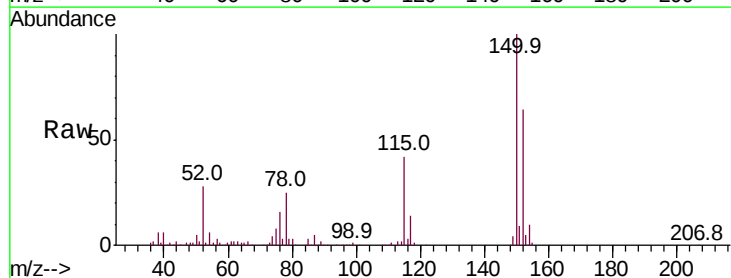


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

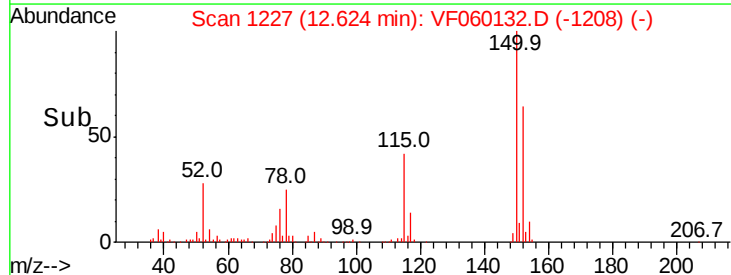
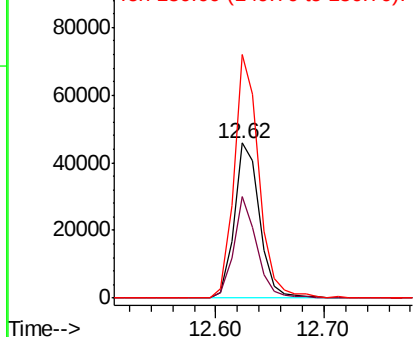


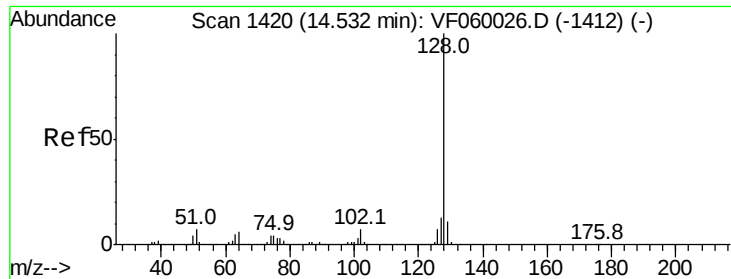
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF060132.D
Acq: 27 Aug 2018 18:34

Tgt Ion:152 Resp: 74540
Ion Ratio Lower Upper
152 100
115 65.5 28.6 85.9
150 156.8 0.0 312.0



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





#95
Naphthalene
Concen: 2.370 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VF060132.D
Acq: 27 Aug 2018 18:34

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:128 Resp: 245
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.5 12.7#

