

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081718\
 Data File : VF059996.D
 Acq On : 18 Aug 2018 2:46
 Operator : VA/AP
 Sample : J4511-07
 Misc : 5.08g/5mL/MSVOA_F/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081518-NSW-45-029

Quant Time: Aug 18 03:38:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:11:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	112348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	151876	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	136029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	57648	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	115097	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
35) Dibromofluoromethane	4.30	113	94944	61.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.34%	
50) Toluene-d8	7.73	98	145258	42.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.16%	
62) 4-Bromofluorobenzene	11.52	95	66529	31.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.82%	

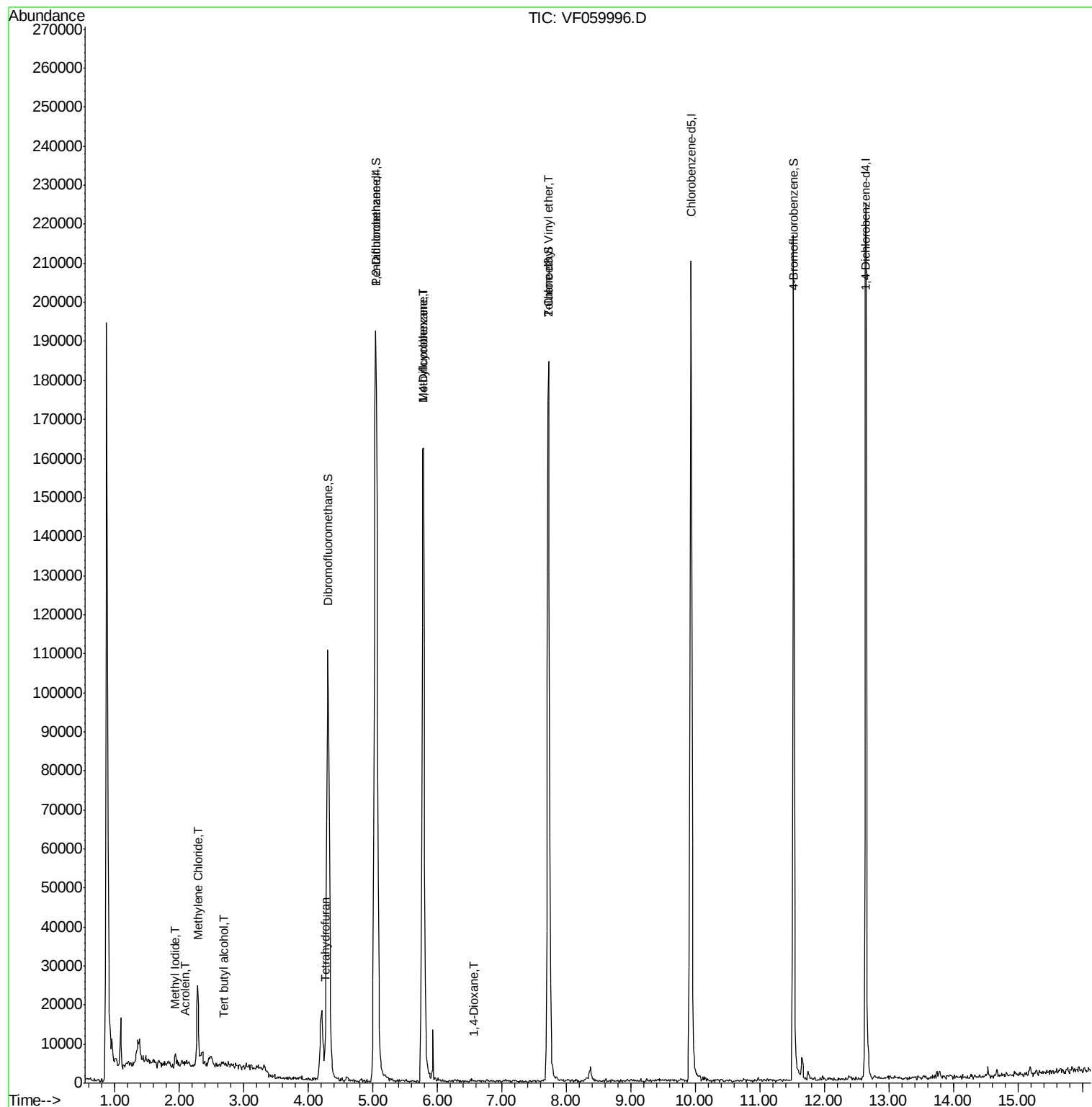
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	1.94	142	2172	1.124	ug/l #	78
11) Tert butyl alcohol	2.68	59	297	2.350	ug/l #	1
13) Acrolein	2.08	56	137	14.583	ug/l #	9
16) Acetone	2.34	43	3748	Below Cal	#	88
18) Methyl Acetate	2.46	43	1282	Below Cal	#	90
20) Methylene Chloride	2.28	84	7816	2.653	ug/l	90
29) Tetrahydrofuran	4.26	42	365	1.951	ug/l #	38
39) Methylcyclohexane	5.77	83	3271	2.521	ug/l #	41
49) 1,4-Dioxane	6.56	88	64	66.162	ug/l #	25
58) 2-Chloroethyl Vinyl ether	7.73	63	245	2.868	ug/l	100

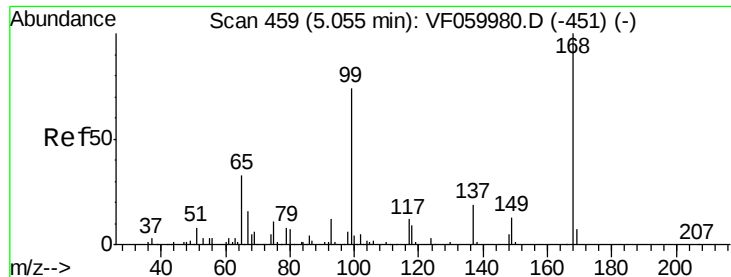
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF081718\
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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 459

Delta R.T. -0.00 min

Lab File: VF059996.D

Acq: 18 Aug 2018 2:46

Instrument :

MSVOA_F

ClientSampleId :

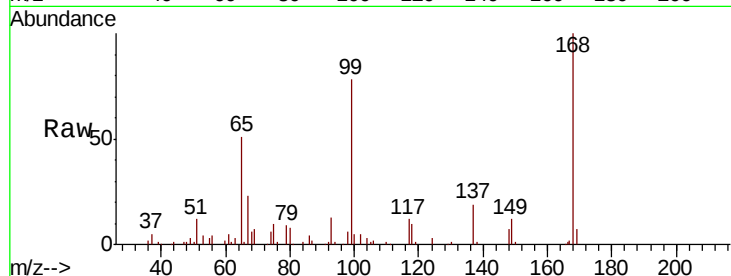
RA-081518-NSW-45-029

Tgt Ion:168 Resp: 112348

Ion Ratio Lower Upper

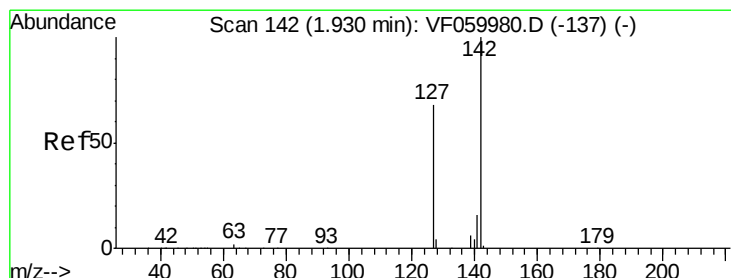
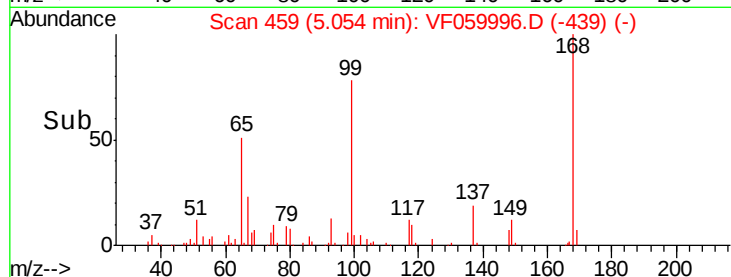
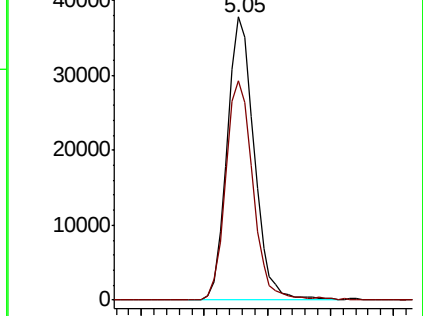
168 100

99 77.5 59.0 88.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#10

Methyl Iodide

Concen: 1.124 ug/l

RT: 1.94 min Scan# 143

Delta R.T. 0.01 min

Lab File: VF059996.D

Acq: 18 Aug 2018 2:46

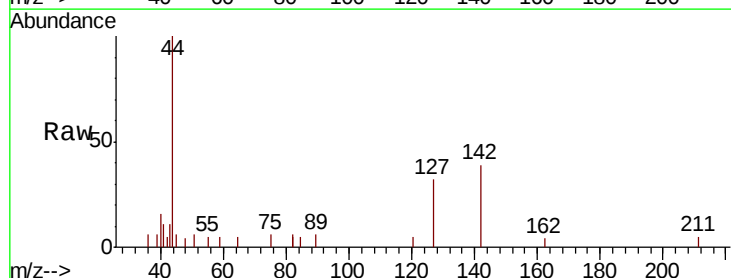
Tgt Ion:142 Resp: 2172

Ion Ratio Lower Upper

142 100

127 82.4 54.1 81.1#

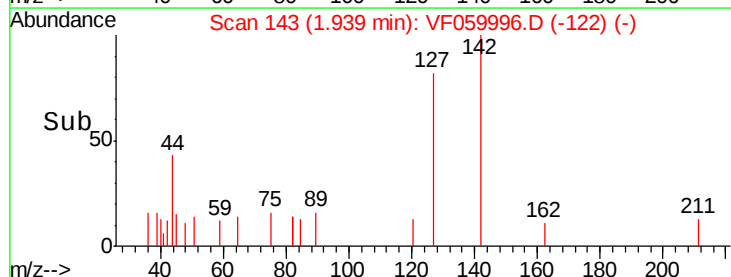
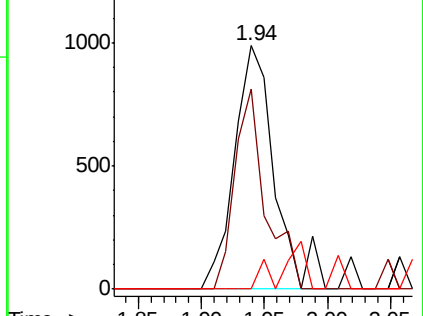
141 0.0 12.5 18.7#

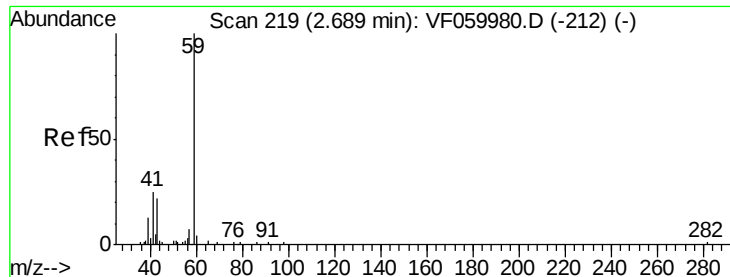


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

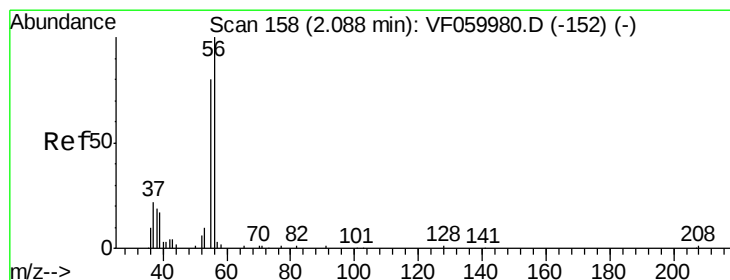
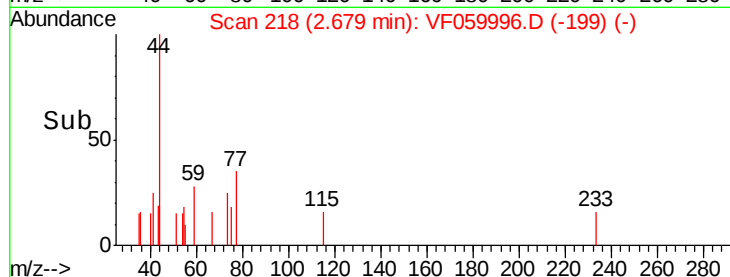
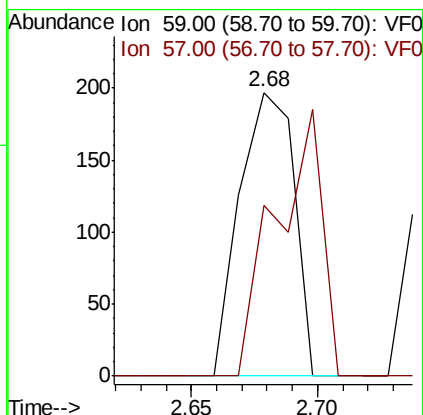
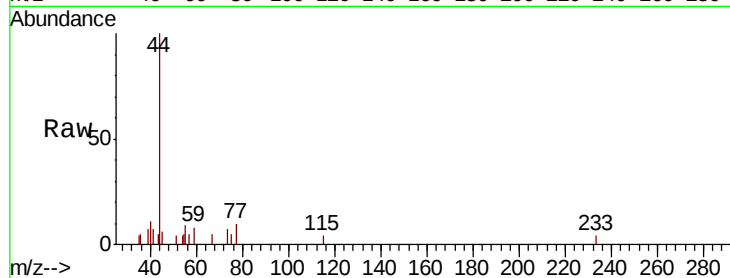




#11
Tert butyl alcohol
Concen: 2.350 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.01 min
Lab File: VF059996.D
Acq: 18 Aug 2018 2:46

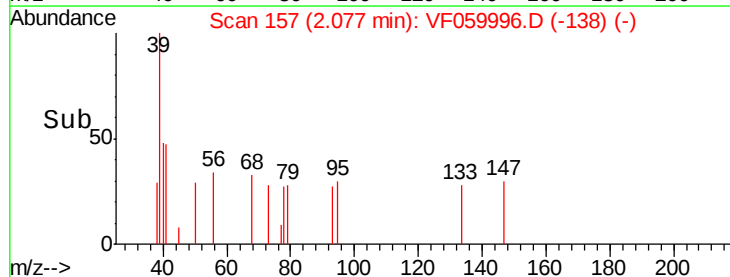
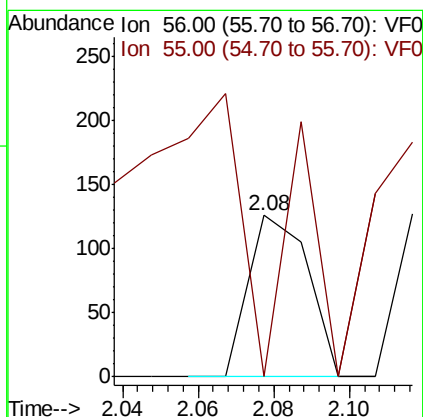
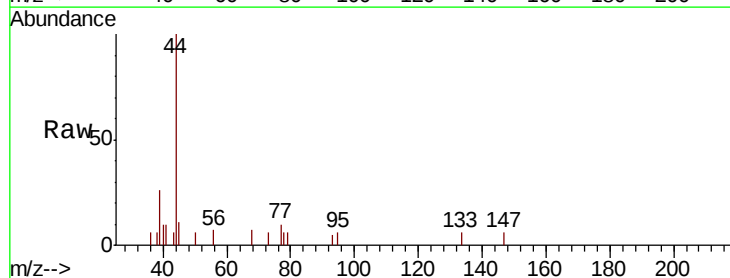
Instrument :
MSVOA_F
ClientSampleId :
RA-081518-NSW-45-029

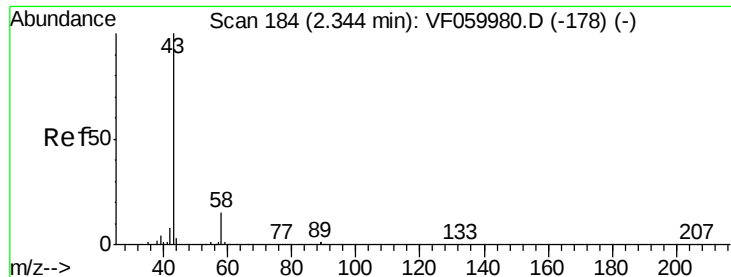
Tgt Ion: 59 Resp: 297
Ion Ratio Lower Upper
59 100
57 60.4 6.8 10.2#



#13
Acrolein
Concen: 14.583 ug/l
RT: 2.08 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF059996.D
Acq: 18 Aug 2018 2:46

Tgt Ion: 56 Resp: 137
Ion Ratio Lower Upper
56 100
55 0.0 63.8 95.6#

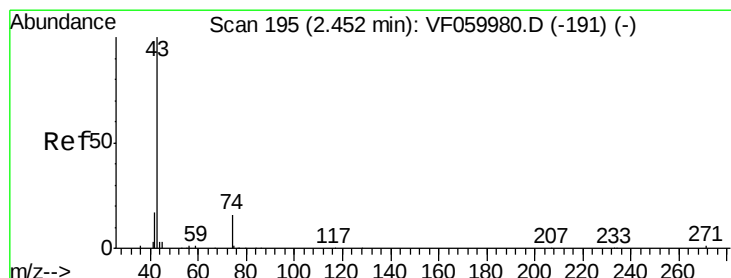
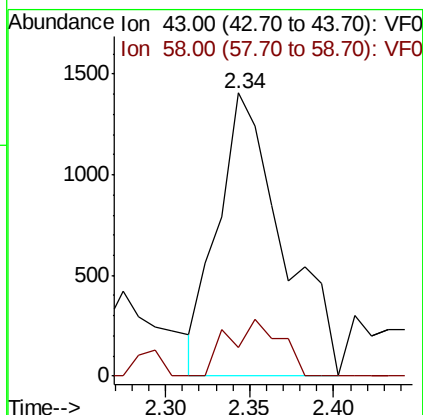
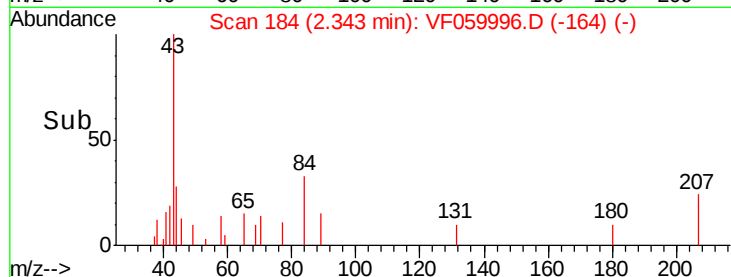
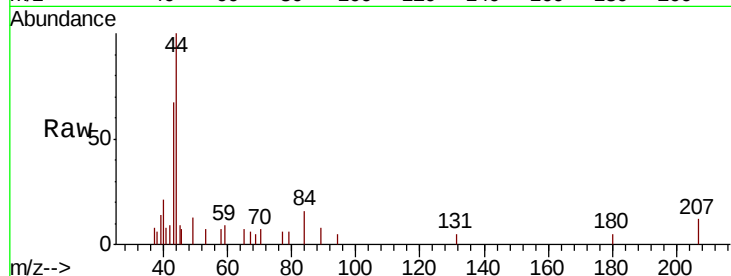




#16
Acetone
Concen: Below Cal
RT: 2.34 min Scan# 184
Delta R.T. 0.00 min
Lab File: VF059996.D
Acq: 18 Aug 2018 2:46

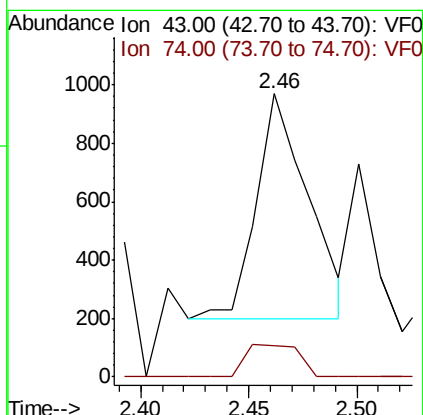
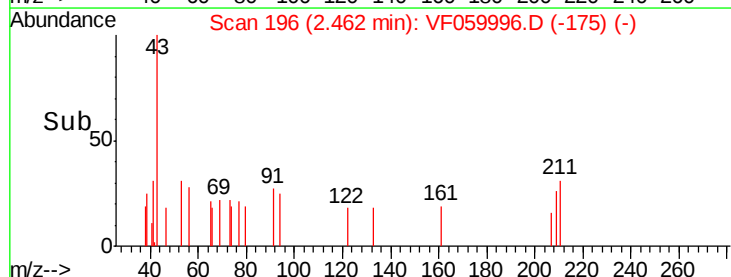
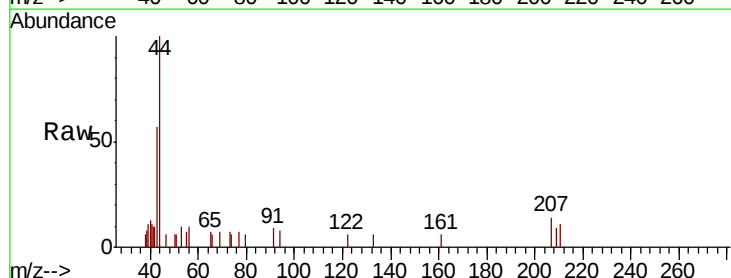
Instrument :
MSVOA_F
ClientSampleId :
RA-081518-NSW-45-029

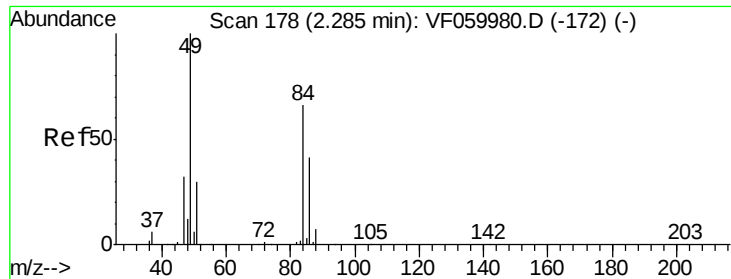
Tgt Ion: 43 Resp: 3748
Ion Ratio Lower Upper
43 100
58 10.1 11.9 17.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 2.46 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF059996.D
Acq: 18 Aug 2018 2:46

Tgt Ion: 43 Resp: 1282
Ion Ratio Lower Upper
43 100
74 11.2 12.3 18.5#

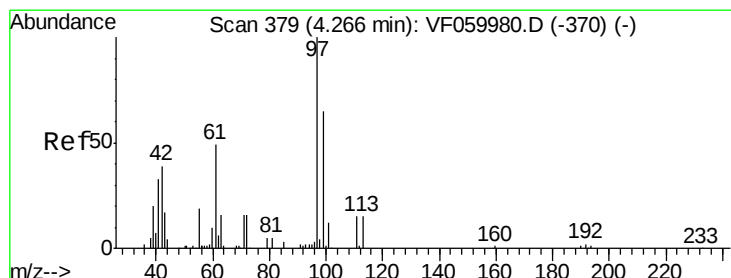
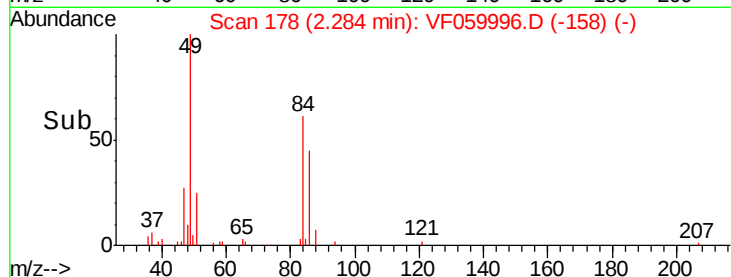
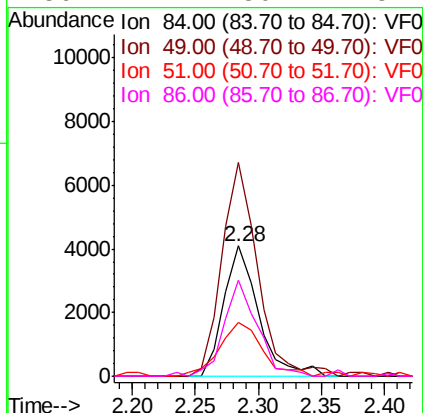
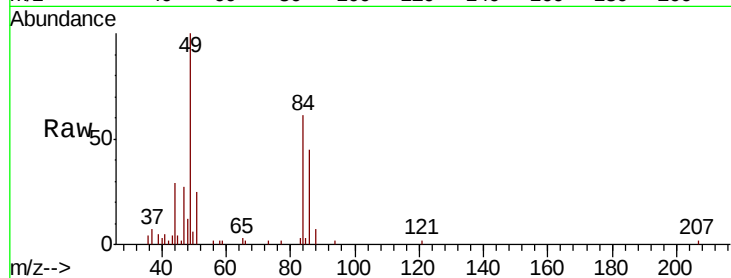




#20
Methylene Chloride
Concen: 2.653 ug/l
RT: 2.28 min Scan# 178
Delta R.T. 0.00 min
Lab File: VF059996.D
Acq: 18 Aug 2018 2:46

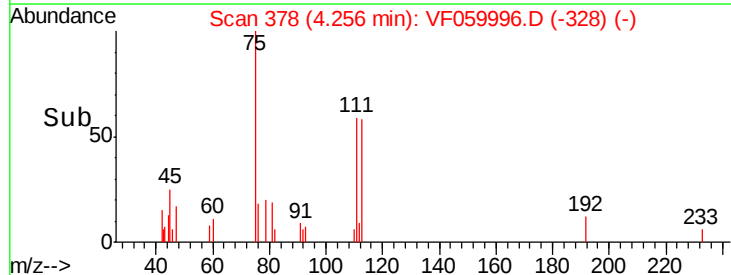
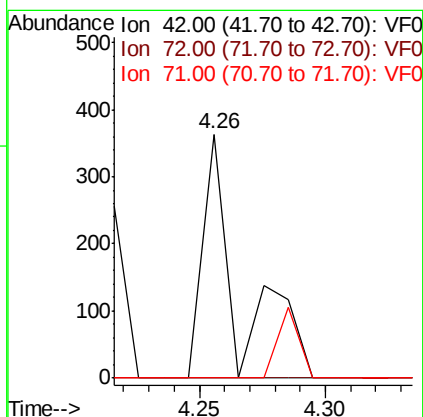
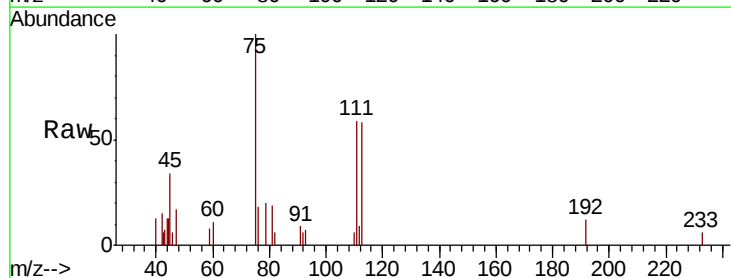
Instrument :
MSVOA_F
ClientSampleId :
RA-081518-NSW-45-029

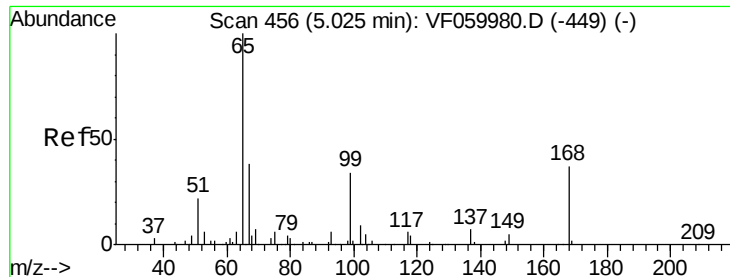
Tgt Ion:	84	Resp:	7816
Ion	Ratio	Lower	Upper
84	100		
49	164.1	122.5	183.7
51	41.4	37.1	55.7
86	74.1	50.2	75.2



#29
Tetrahydrofuran
Concen: 1.951 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.01 min
Lab File: VF059996.D
Acq: 18 Aug 2018 2:46

Tgt Ion:	42	Resp:	365
Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.8	44.6#
71	0.0	29.0	43.4#





#33

1,2-Dichloroethane-d4

Concen: 53.073 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059996.D

Acq: 18 Aug 2018 2:46

Instrument :

MSVOA_F

ClientSampleId :

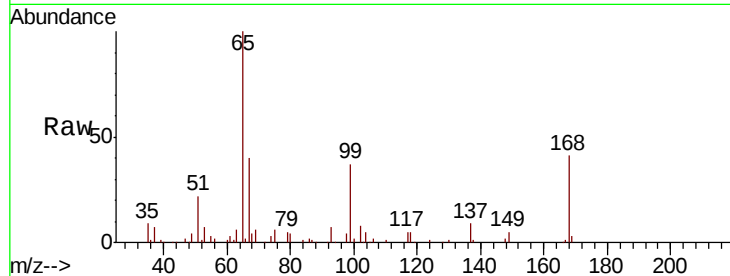
RA-081518-NSW-45-029

Tgt Ion: 65 Resp: 115097

Ion Ratio Lower Upper

65 100

67 39.7 0.0 82.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.03

40000

30000

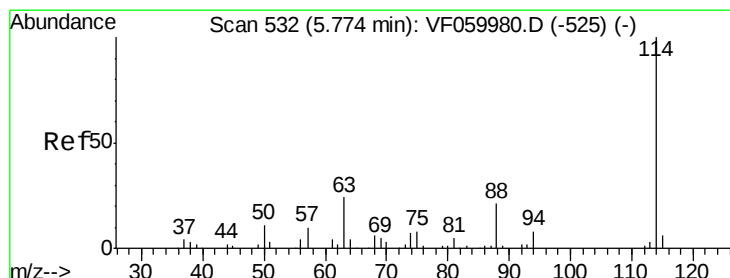
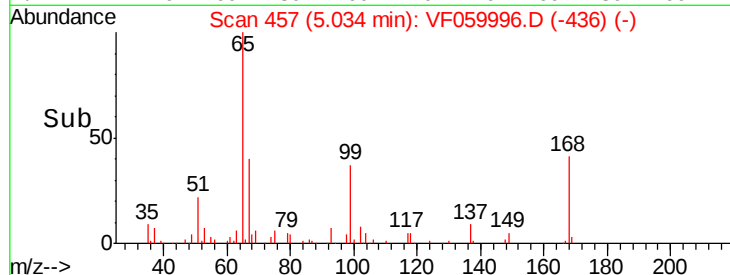
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.01 min

Lab File: VF059996.D

Acq: 18 Aug 2018 2:46

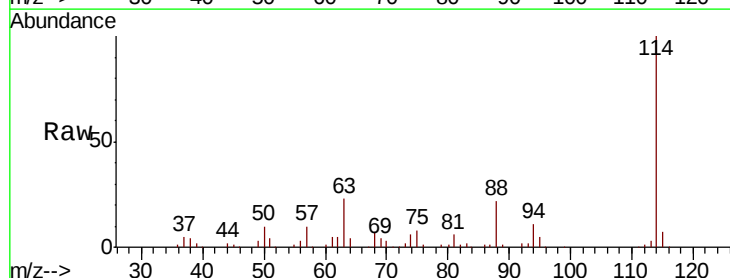
Tgt Ion: 114 Resp: 151876

Ion Ratio Lower Upper

114 100

63 22.9 0.0 48.6

88 21.8 0.0 42.8



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

80000

60000

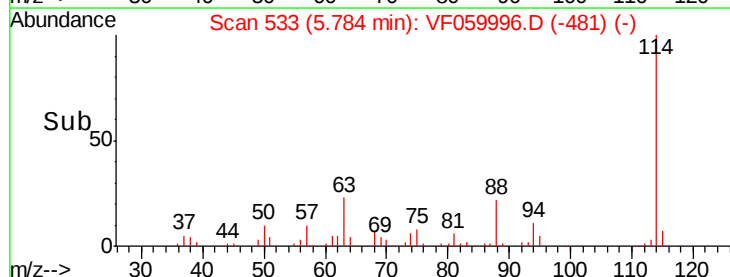
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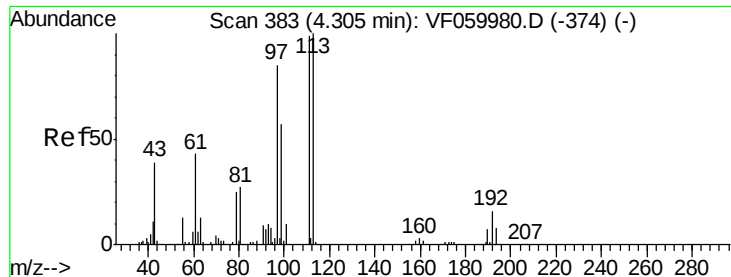
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Time-->

5.70 5.80 5.90

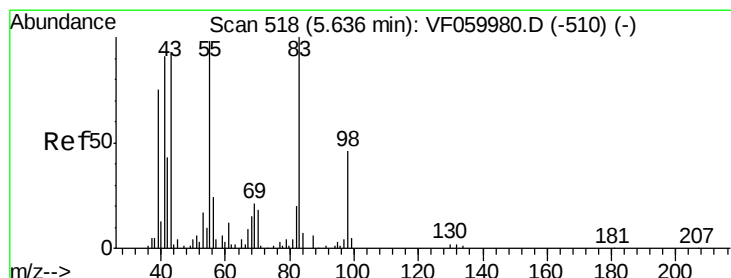
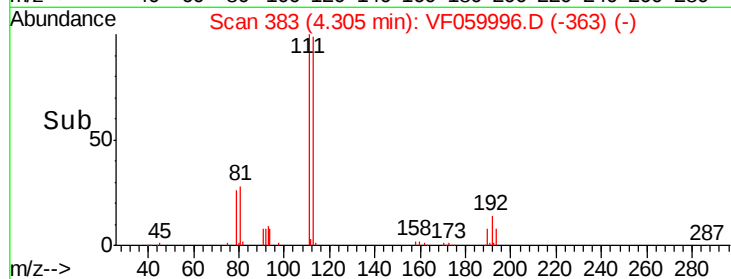
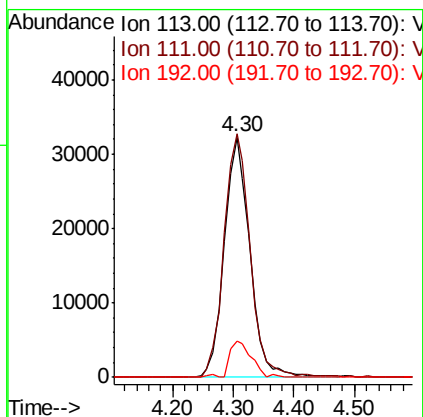
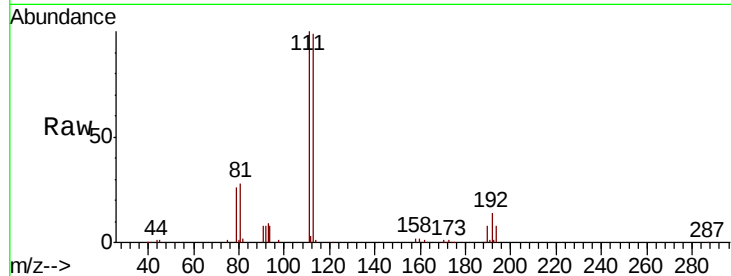




#35
 Dibromofluoromethane
 Concen: 61.168 ug/l
 RT: 4.30 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VF059996.D
 Acq: 18 Aug 2018 2:46

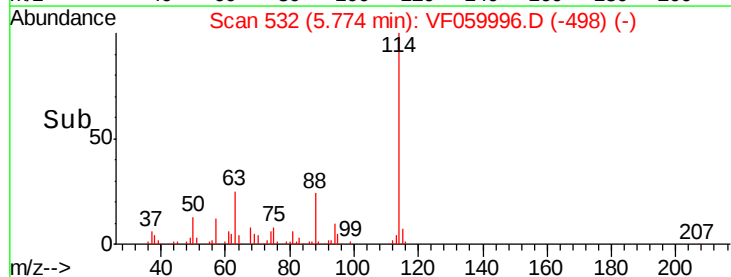
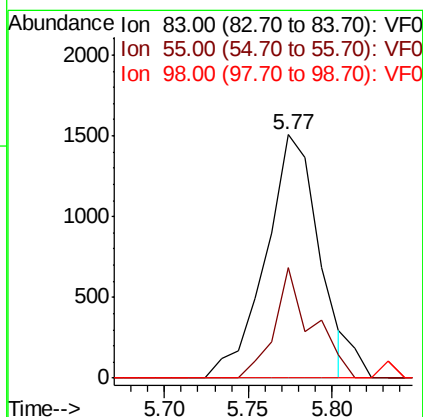
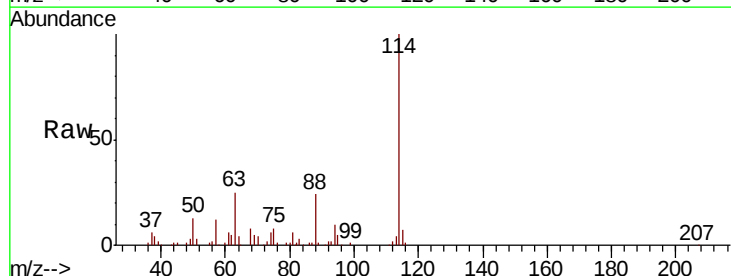
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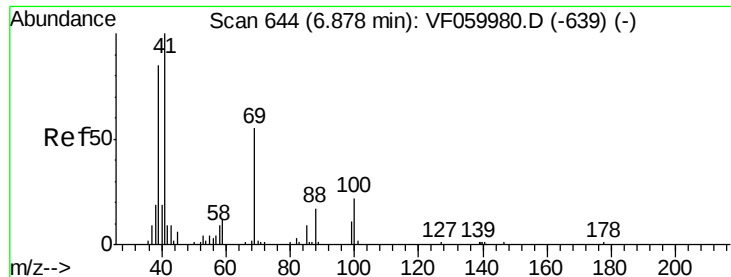
Tgt Ion:113 Resp: 94944
 Ion Ratio Lower Upper
 113 100
 111 101.4 79.5 119.3
 192 15.0 12.4 18.6



#39
 Methylcyclohexane
 Concen: 2.521 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. 0.14 min
 Lab File: VF059996.D
 Acq: 18 Aug 2018 2:46

Tgt Ion: 83 Resp: 3271
 Ion Ratio Lower Upper
 83 100
 55 45.3 78.8 118.2#
 98 0.0 36.8 55.2#

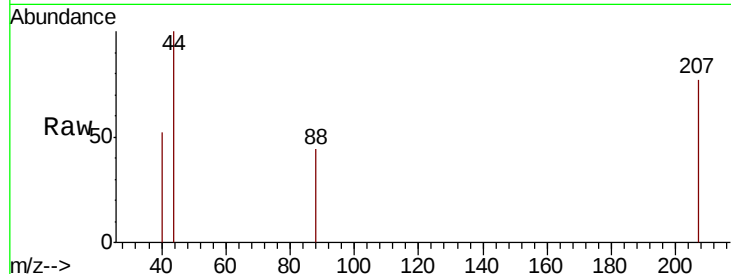




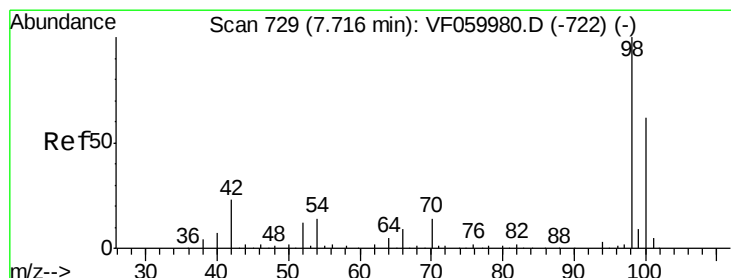
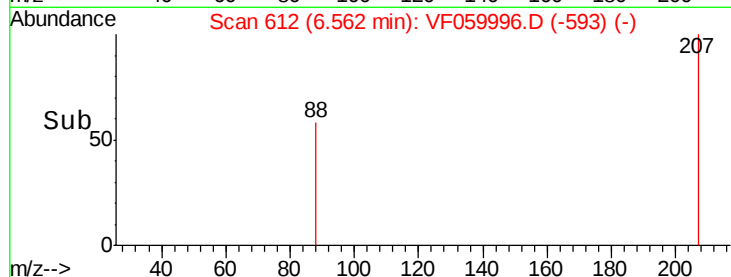
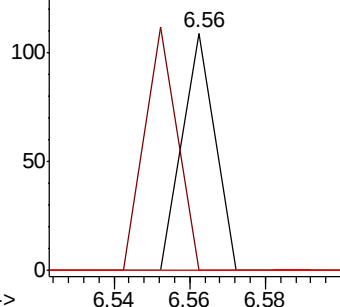
#49
 1,4-Dioxane
 Concen: 66.162 ug/l
 RT: 6.56 min Scan# 612
 Delta R.T. -0.32 min
 Lab File: VF059996.D
 Acq: 18 Aug 2018 2:46

Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081518-NSW-45-029

Tgt Ion: 88 Resp: 64
 Ion Ratio Lower Upper
 88 100
 43 0.0 43.2 64.8#
 58 0.0 42.0 63.0#

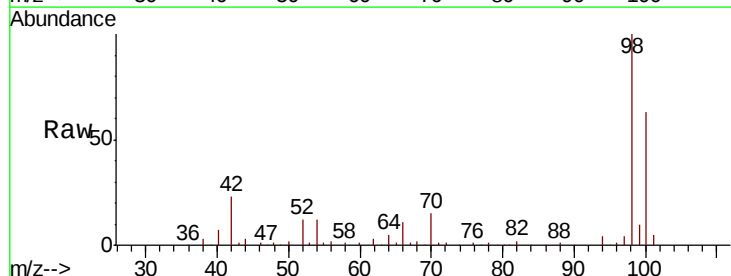


Abundance Ion 88.00 (87.70 to 88.70): VF0
 Ion 43.00 (42.70 to 43.70): VF0
 Ion 58.00 (57.70 to 58.70): VF0

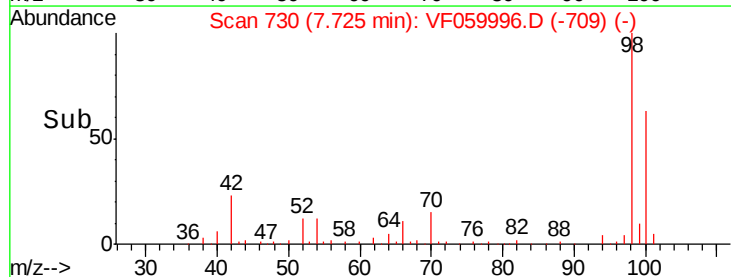
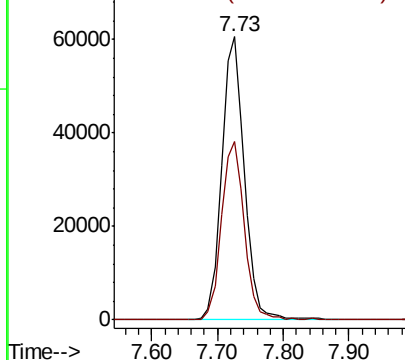


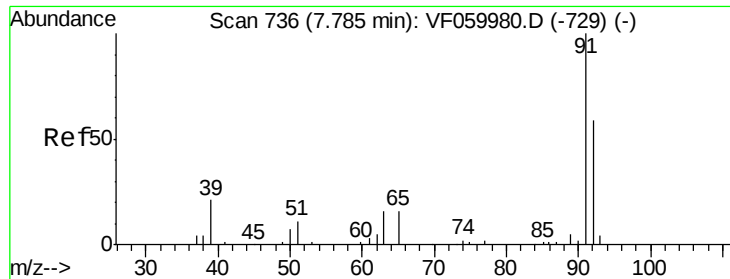
#50
 Toluene-d8
 Concen: 42.082 ug/l
 RT: 7.73 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: VF059996.D
 Acq: 18 Aug 2018 2:46

Tgt Ion: 98 Resp: 145258
 Ion Ratio Lower Upper
 98 100
 100 63.0 49.8 74.8



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

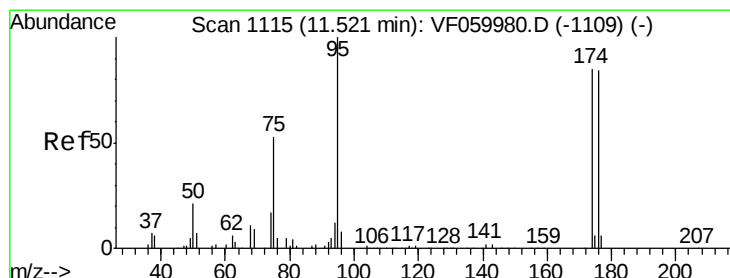
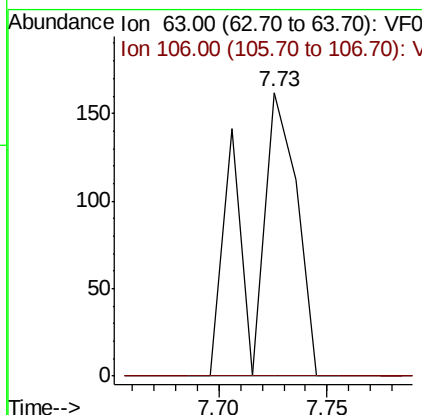
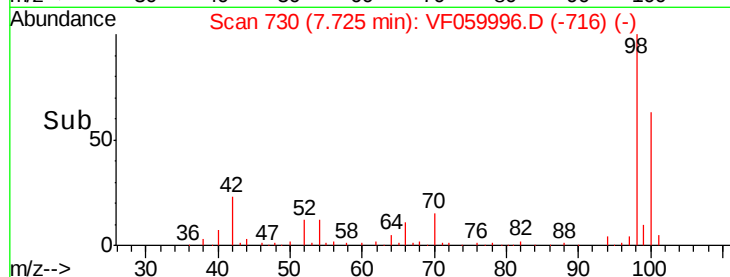
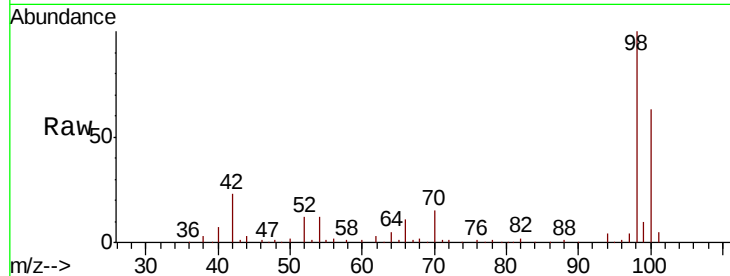




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.868 ug/l
 RT: 7.73 min Scan# 730
 Delta R.T. -0.06 min
 Lab File: VF059996.D
 Acq: 18 Aug 2018 2:46

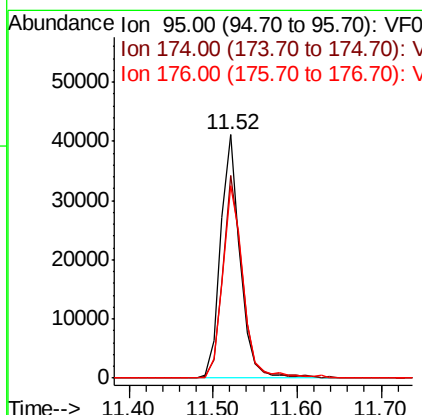
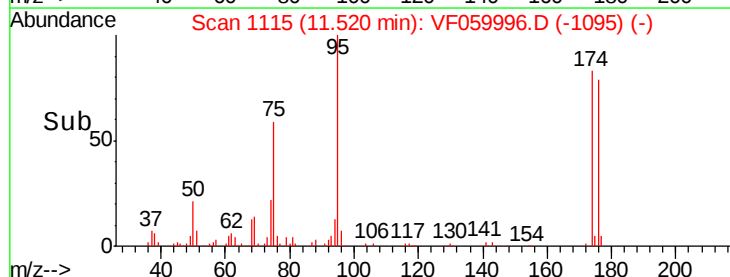
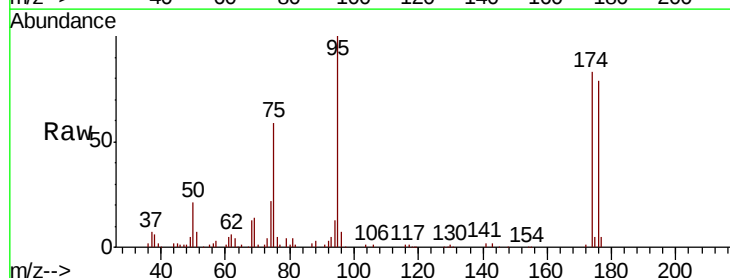
Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081518-NSW-45-029

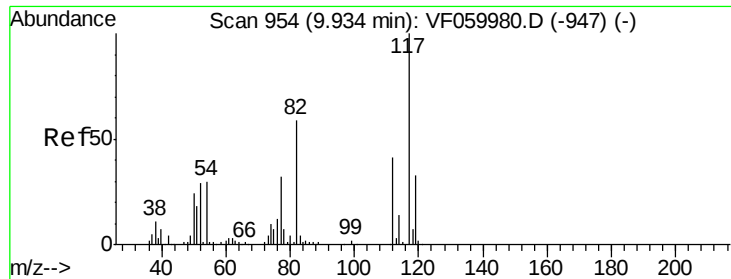
Tgt Ion: 63 Resp: 245
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#62
 4-Bromofluorobenzene
 Concen: 31.407 ug/l
 RT: 11.52 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: VF059996.D
 Acq: 18 Aug 2018 2:46

Tgt Ion: 95 Resp: 66529
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 169.8
 176 78.8 0.0 167.8

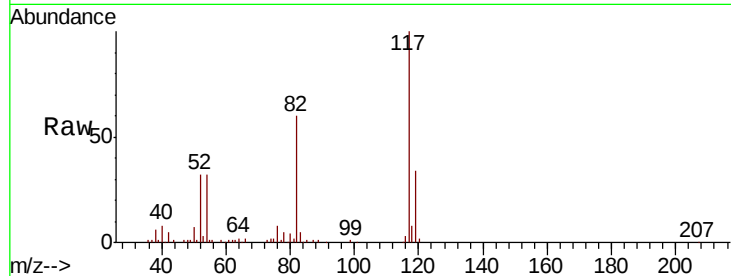




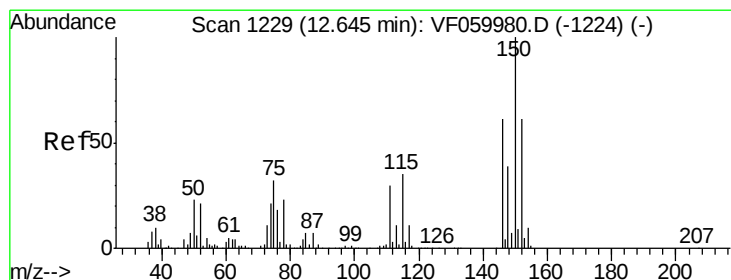
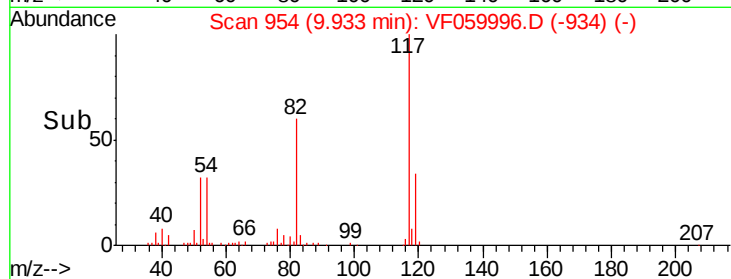
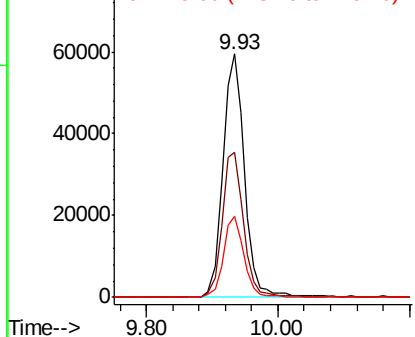
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 954
Delta R.T. -0.00 min
Lab File: VF059996.D
Acq: 18 Aug 2018 2:46

Instrument :
MSVOA_F
ClientSampleId :
RA-081518-NSW-45-029

Tgt Ion:117 Resp: 136029
Ion Ratio Lower Upper
117 100
82 59.8 47.2 70.8
119 33.6 26.1 39.1

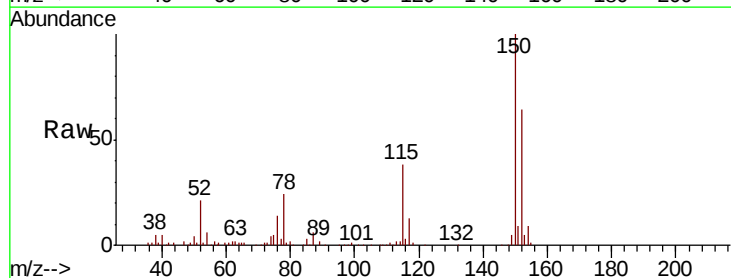


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VF059996.D
Acq: 18 Aug 2018 2:46

Tgt Ion:152 Resp: 57648
Ion Ratio Lower Upper
152 100
115 59.0 29.1 87.3
150 155.5 0.0 330.2



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

