

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092618\
 Data File : VF060352.D
 Acq On : 26 Sep 2018 15:25
 Operator : VA/AP
 Sample : J4779-09RE
 Misc : 7.63/5mL/MSVOA F/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-3A-092418RE

Quant Time: Sep 27 10:00:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

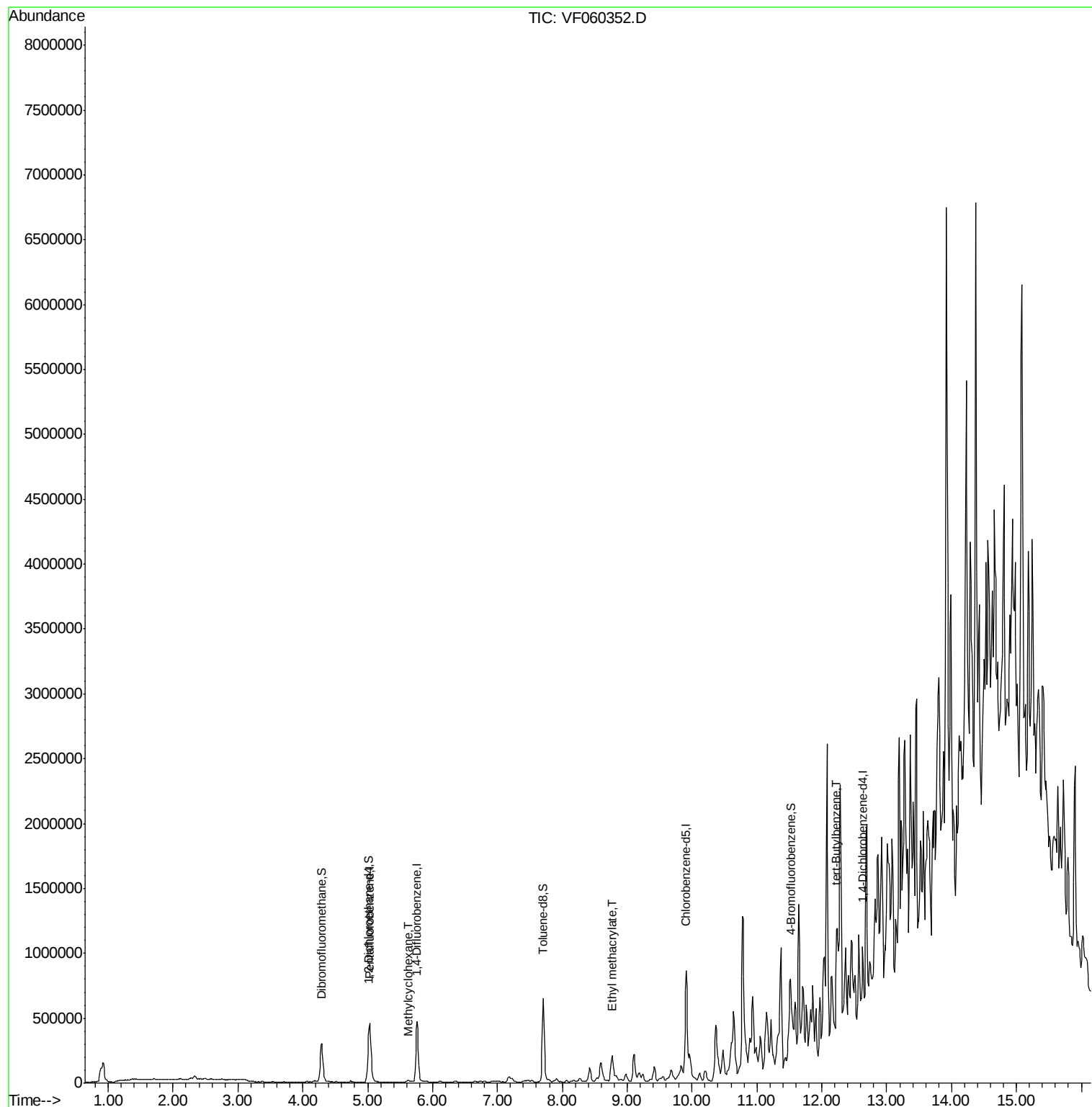
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	273074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	505317	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	360811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	147812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	257236	69.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.92%	
35) Dibromofluoromethane	4.29	113	271904	60.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.72%	
50) Toluene-d8	7.70	98	527476	44.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.94%	
62) 4-Bromofluorobenzene	11.51	95	222561	43.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.78%	
Target Compounds						
39) Methylcyclohexane	5.62	83	9399	1.376	ug/l	90
56) Ethyl methacrylate	8.77	69	96444	29.100	ug/l #	77
83) tert-Butylbenzene	12.22	119	12152	1.122	ug/l #	40

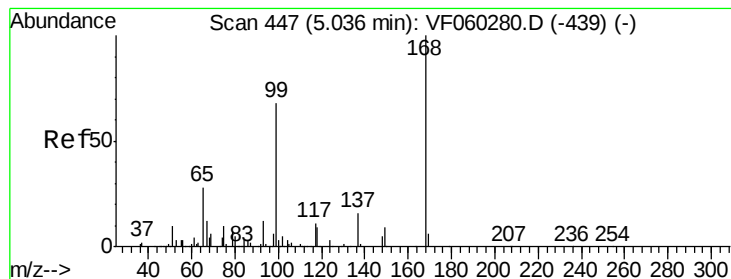
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092618\
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Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 447

Delta R.T. 0.00 min

Lab File: VF060352.D

Acq: 26 Sep 2018 15:25

Instrument :

MSVOA_F

ClientSampleId :

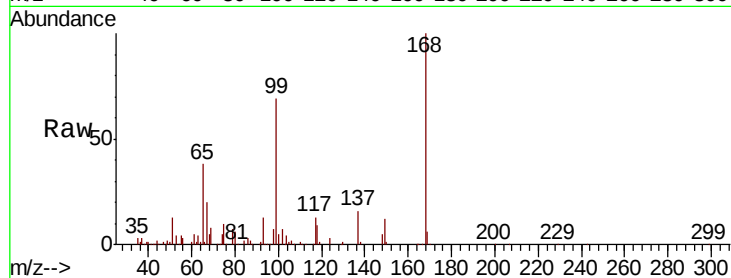
SU-3A-092418RE

Tot Ion:168 Resp: 273074

Ion Ratio Lower Upper

168 100

99 69.3 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

100000

80000

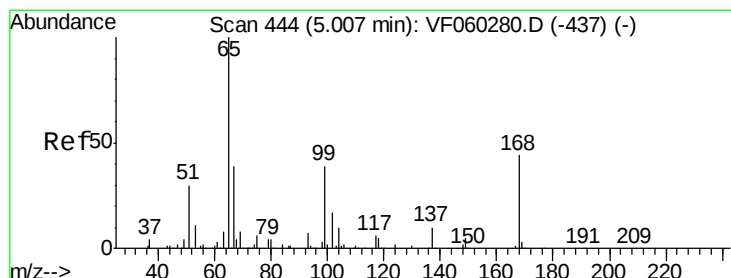
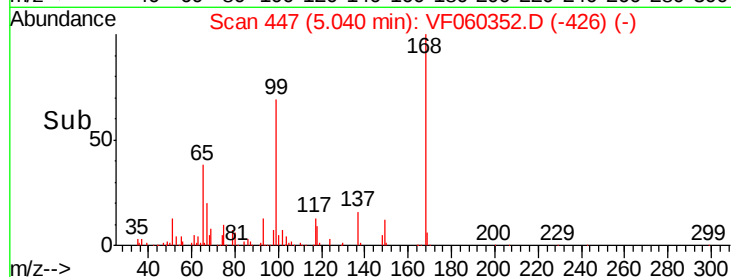
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 69.958 ug/l

RT: 5.01 min Scan# 444

Delta R.T. 0.00 min

Lab File: VF060352.D

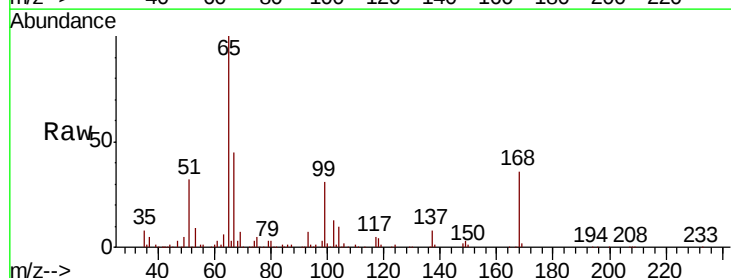
Acq: 26 Sep 2018 15:25

Tgt Ion: 65 Resp: 257236

Ion Ratio Lower Upper

65 100

67 44.7 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

100000

80000

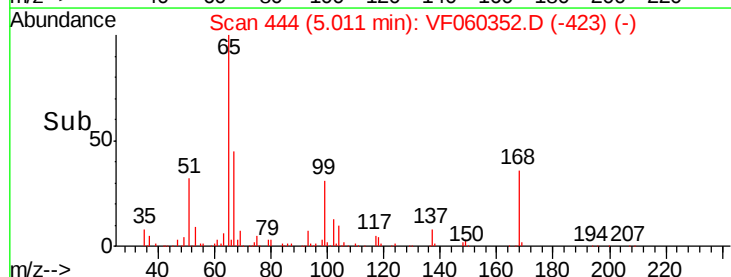
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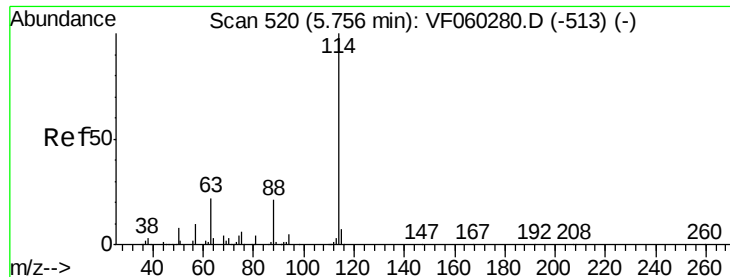
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 520

Delta R.T. 0.00 min

Lab File: VF060352.D

Acq: 26 Sep 2018 15:25

Instrument :

MSVOA_F

ClientSampleId :

SU-3A-092418RE

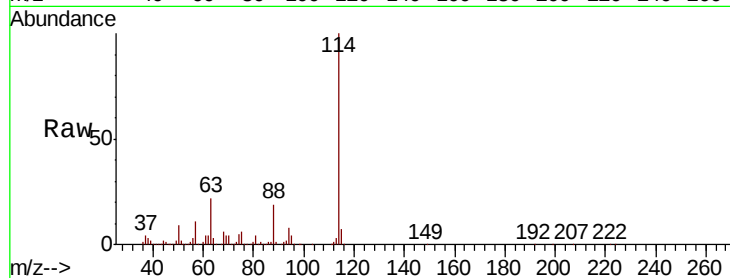
Tot Ion:114 Resp: 505317

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.8

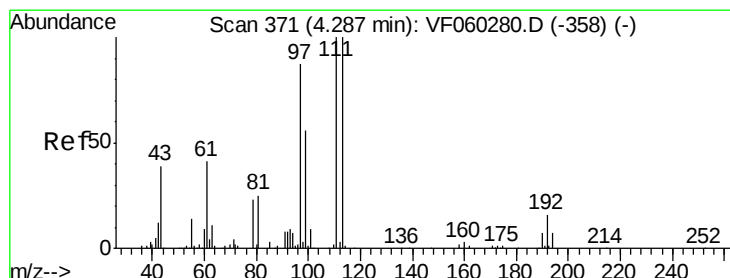
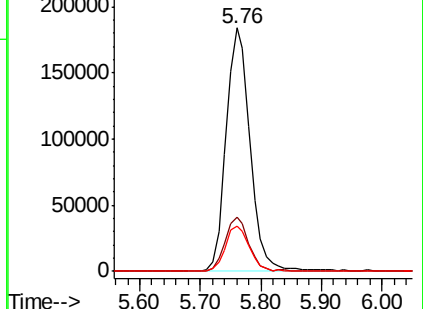
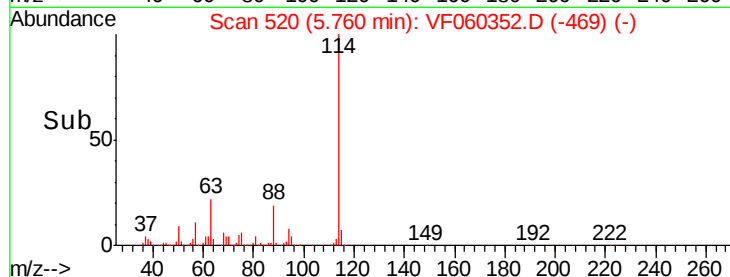
88 18.8 0.0 41.2



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: 60.362 ug/l

RT: 4.29 min Scan# 371

Delta R.T. 0.00 min

Lab File: VF060352.D

Acq: 26 Sep 2018 15:25

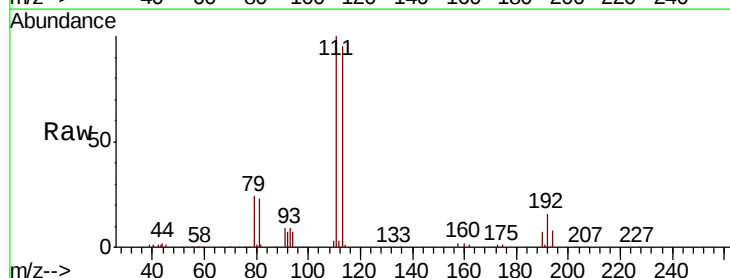
Tgt Ion:113 Resp: 271904

Ion Ratio Lower Upper

113 100

111 104.7 79.6 119.4

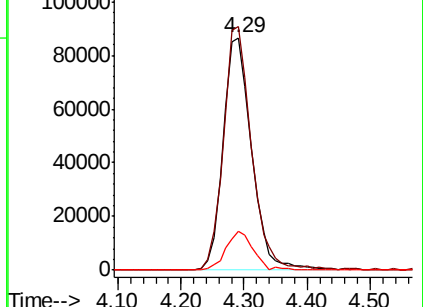
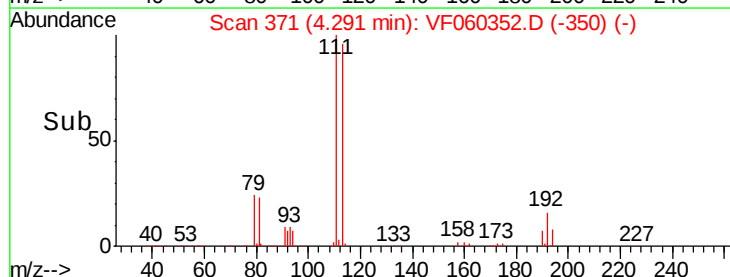
192 16.7 13.0 19.6

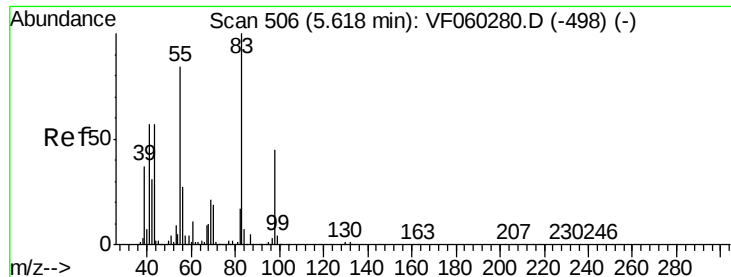


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

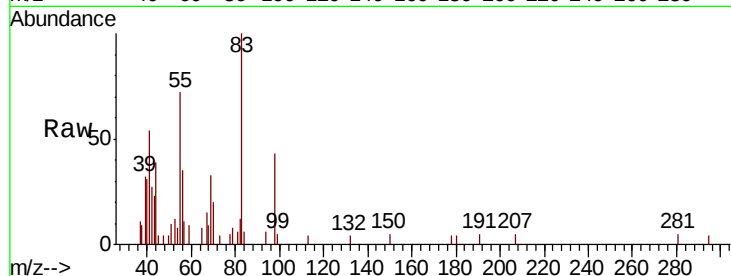




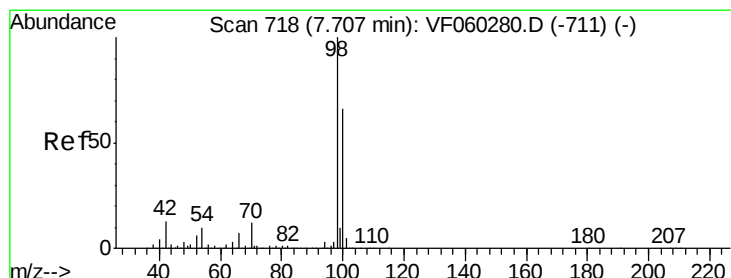
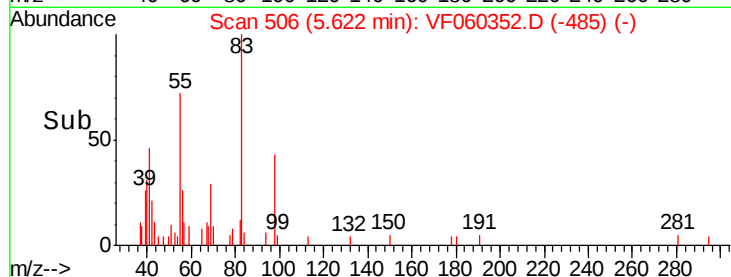
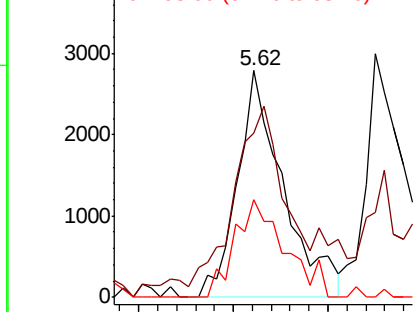
#39
Methylcyclohexane
Concen: 1.376 ug/l
RT: 5.62 min Scan# 506
Delta R.T. 0.00 min
Lab File: VF060352.D
Acq: 26 Sep 2018 15:25

Instrument :
MSVOA_F
ClientSampleId :
SU-3A-092418RE

Tot Ion: 83 Resp: 9399
Ion Ratio Lower Upper
83 100
55 72.4 67.3 100.9
98 42.9 36.1 54.1

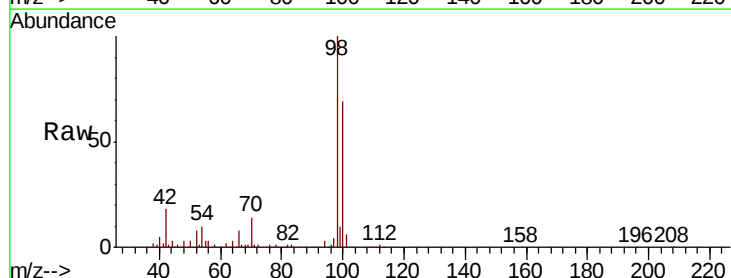


Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

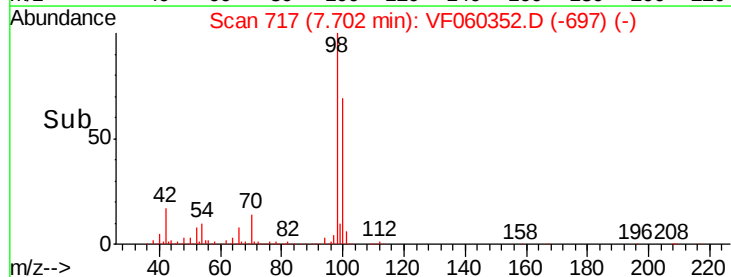
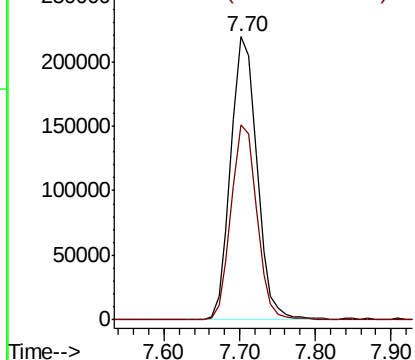


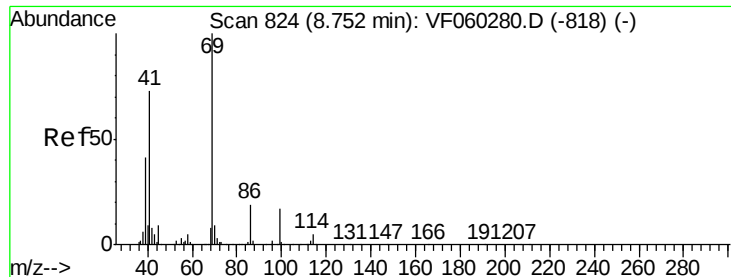
#50
Toluene-d8
Concen: 44.965 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060352.D
Acq: 26 Sep 2018 15:25

Tgt Ion: 98 Resp: 527476
Ion Ratio Lower Upper
98 100
100 68.8 53.0 79.6



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





#56

Ethyl methacrylate

Concen: 29.100 ug/l

RT: 8.77 min Scan# 825

Delta R.T. 0.01 min

Lab File: VF060352.D

Acq: 26 Sep 2018 15:25

Instrument :

MSVOA_F

ClientSampleId :

SU-3A-092418RE

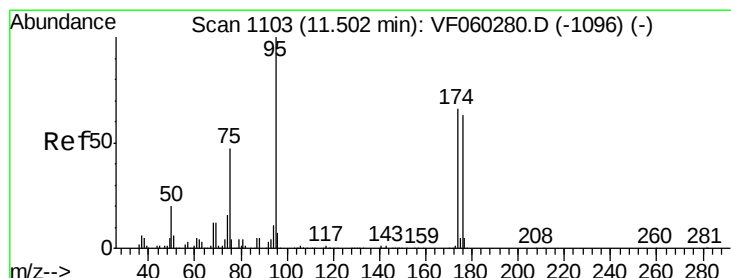
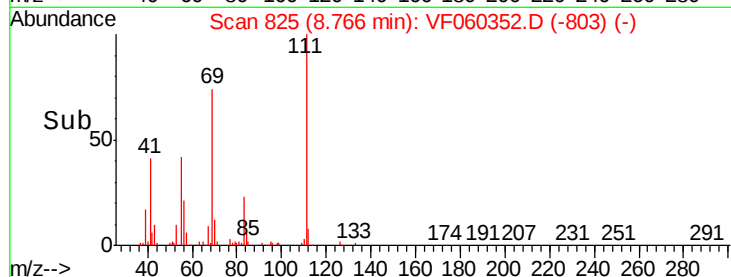
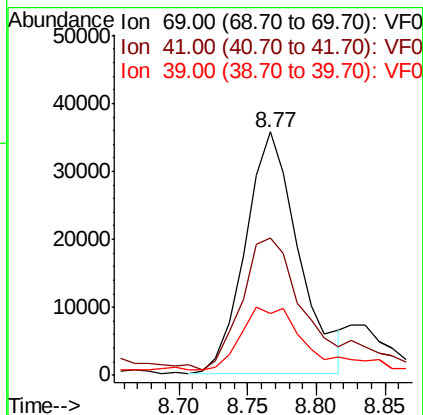
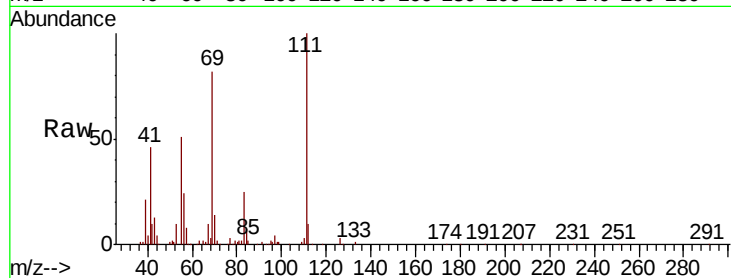
Tot Ion: 69 Resp: 96444

Ion Ratio Lower Upper

69 100

41 56.4 59.4 89.2#

39 25.3 33.5 50.3#



#62

4-Bromofluorobenzene

Concen: 43.890 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VF060352.D

Acq: 26 Sep 2018 15:25

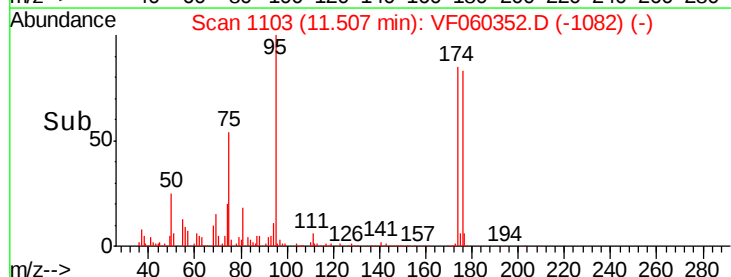
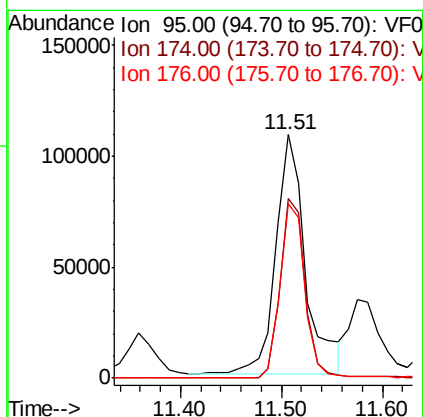
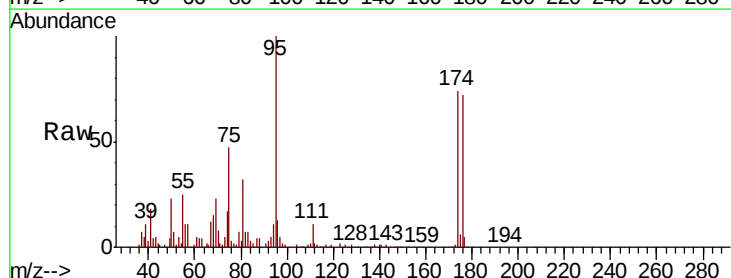
Tgt Ion: 95 Resp: 222561

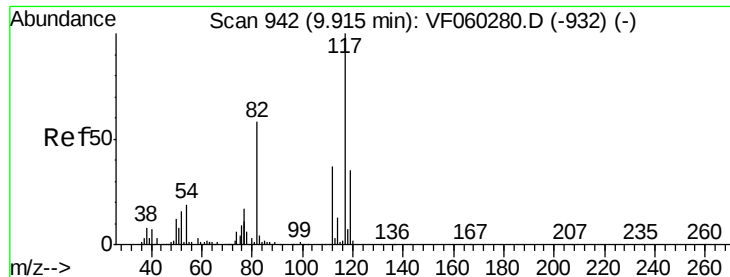
Ion Ratio Lower Upper

95 100

174 73.8 0.0 131.2

176 71.8 0.0 126.6

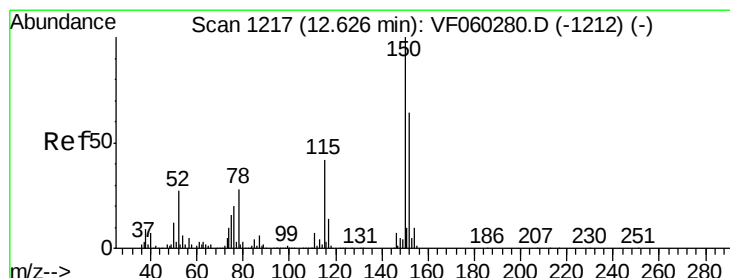
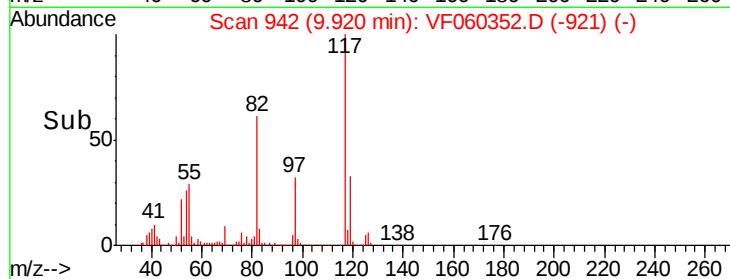
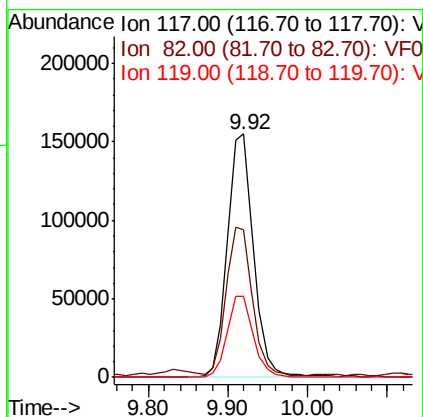
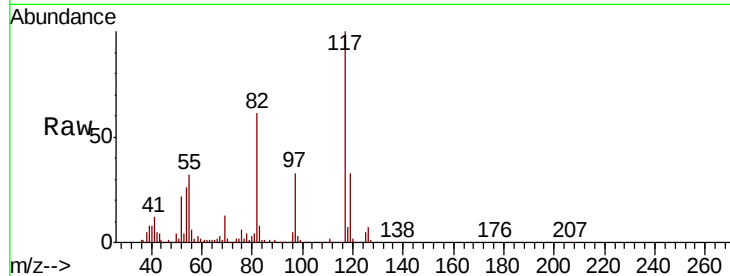




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060352.D
Acq: 26 Sep 2018 15:25

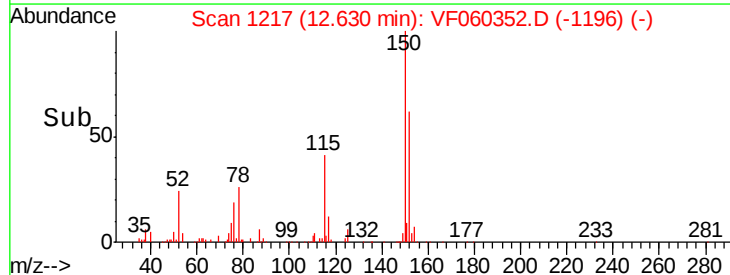
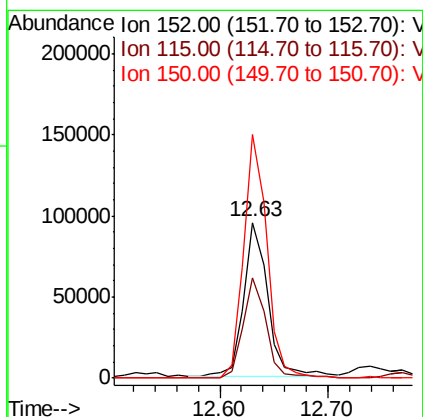
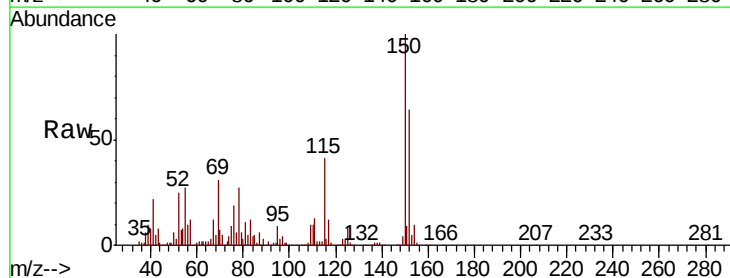
Instrument :
MSVOA_F
ClientSampleId :
SU-3A-092418RE

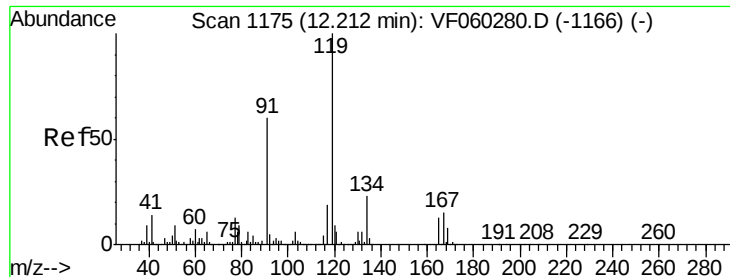
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	46.2	69.2
119	33.3	27.8	41.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060352.D
Acq: 26 Sep 2018 15:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	32.6	97.8
150	156.5	0.0	314.2





#83

tert-Butylbenzene

Concen: 1.122 ug/l

RT: 12.22 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VF060352.D

Acq: 26 Sep 2018 15:25

Instrument :

MSVOA_F

ClientSampleId :

SU-3A-092418RE

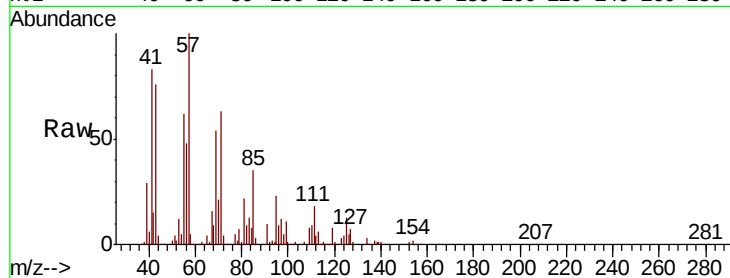
Tot Ion:119 Resp: 12152

Ion Ratio Lower Upper

119 100

91 116.9 30.3 91.0#

134 34.0 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V

