

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
 Data File : VF059539.D
 Acq On : 19 Jul 2018 3:40
 Operator : VA/AP
 Sample : J3991-03
 Misc : 5.32g/5mL/MSVOA F/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-2-A

Quant Time: Jul 19 07:00:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	210604	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	306300	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	333715	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	202424	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	168883	51.56	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	103.12%	
35) Dibromofluoromethane	4.29	113	143708	54.17	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.34%	
50) Toluene-d8	7.70	98	303378	45.40	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	90.80%	
62) 4-Bromofluorobenzene	11.50	95	169638	48.39	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	96.78%	

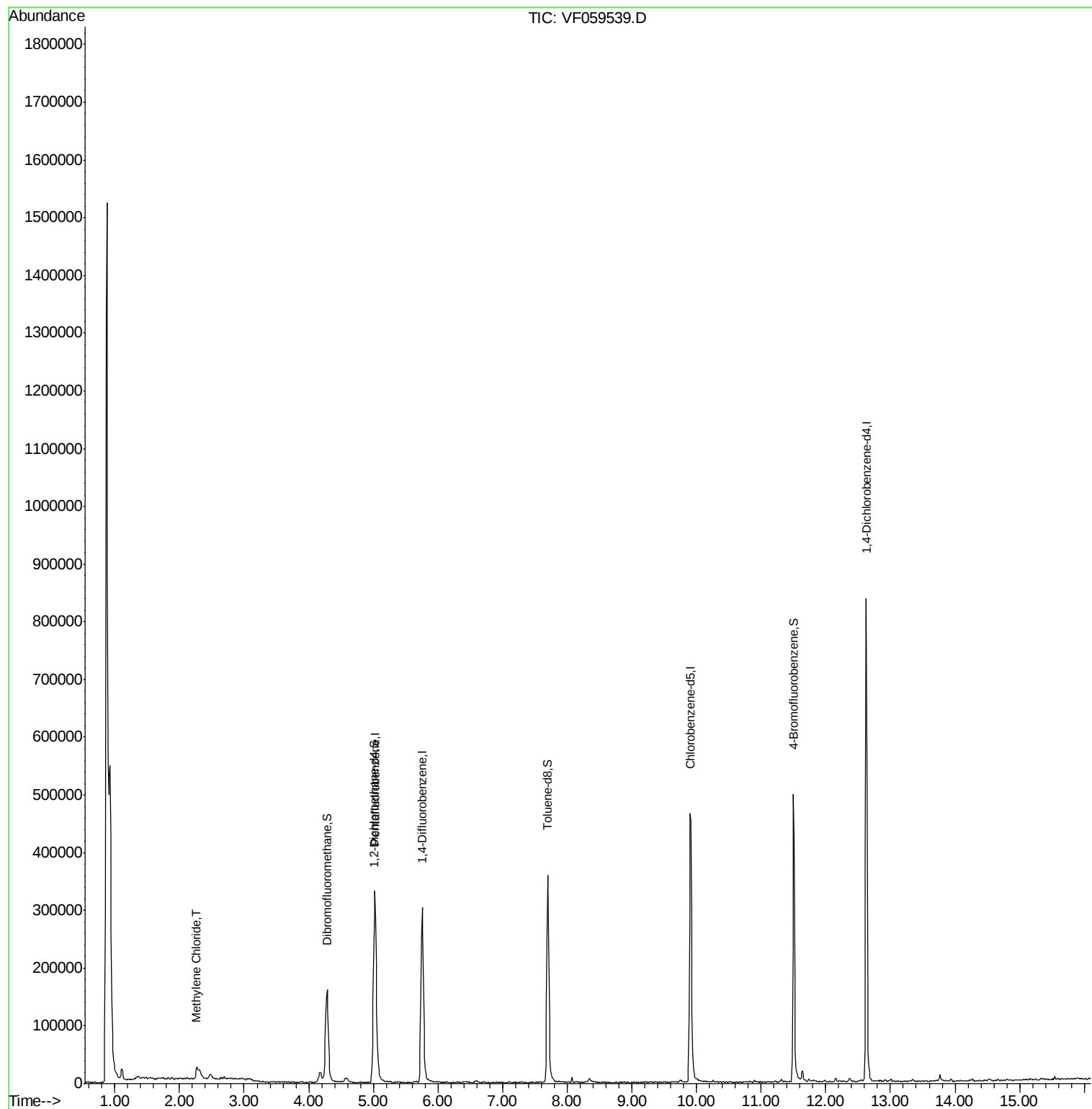
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.27	84	15274	6.33	ug/l	# 74

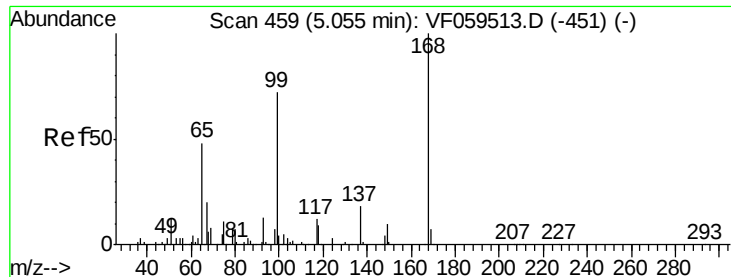
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF059539.D

Acq: 19 Jul 2018 3:40

Instrument :

MSVOA_F

ClientSampleId :

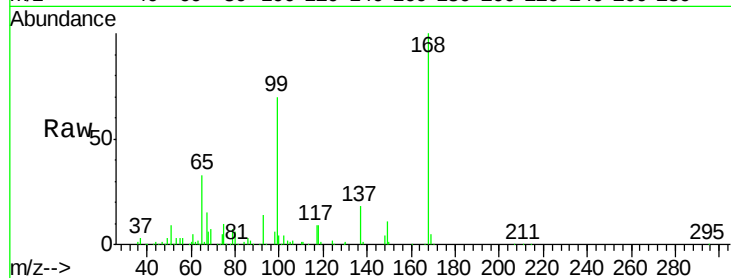
SB-2-A

Tot Ion:168 Resp: 210604

Ion Ratio Lower Upper

168 100

99 70.0 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

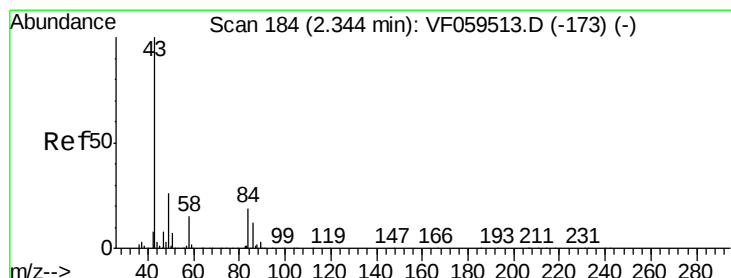
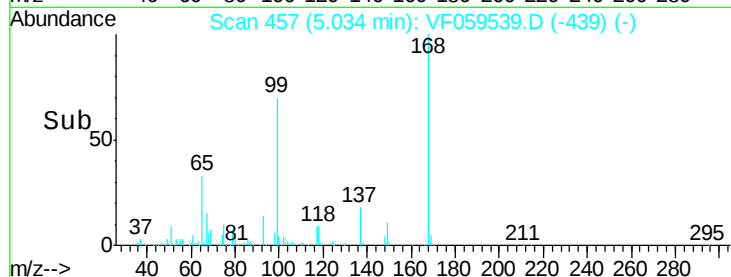
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#20

Methylene Chloride

Concen: 6.33 ug/l

RT: 2.27 min Scan# 177

Delta R.T. -0.07 min

Lab File: VF059539.D

Acq: 19 Jul 2018 3:40

Tgt Ion: 84 Resp: 15274

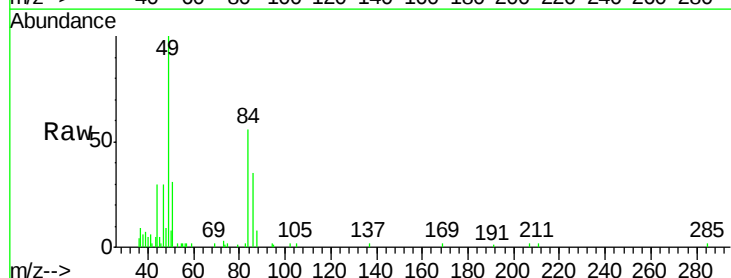
Ion Ratio Lower Upper

84 100

49 178.0 109.4 164.2#

51 54.6 30.5 45.7#

86 63.2 47.6 71.4



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

10000

8000

6000

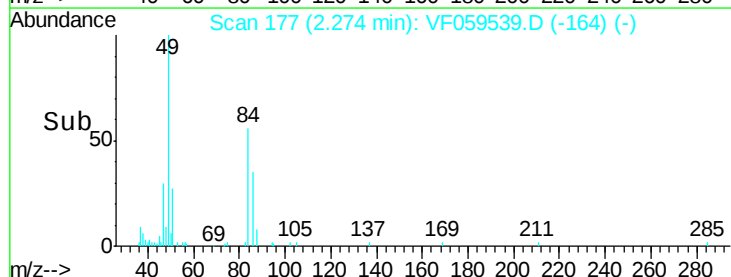
4000

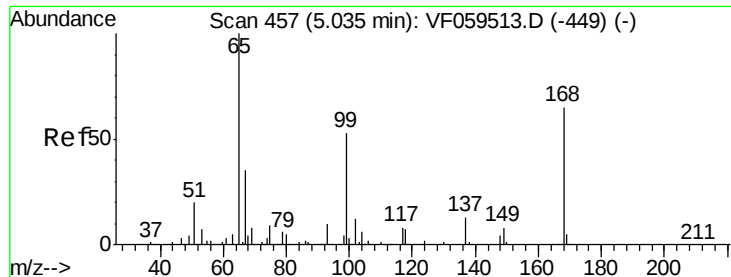
2000

0

2.20 2.30 2.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.56 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.03 min

Lab File: VF059539.D

Acq: 19 Jul 2018 3:40

Instrument :

MSVOA_F

ClientSampleId :

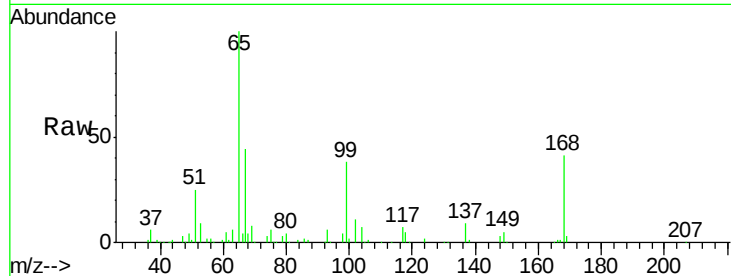
SB-2-A

Tot Ion: 65 Resp: 168883

Ion Ratio Lower Upper

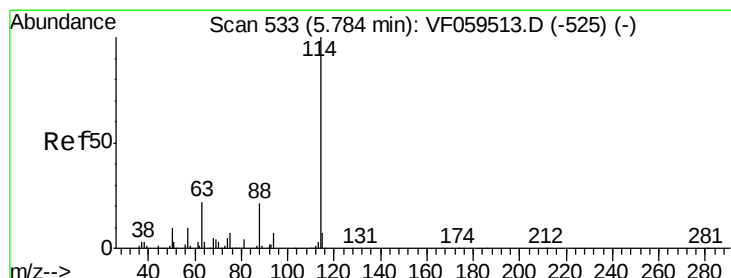
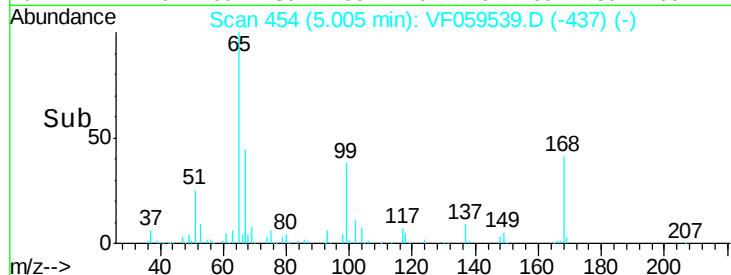
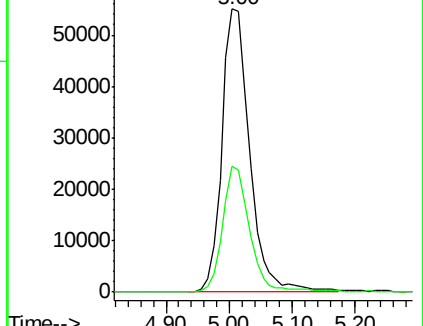
65 100

67 44.4 0.0 91.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.03 min

Lab File: VF059539.D

Acq: 19 Jul 2018 3:40

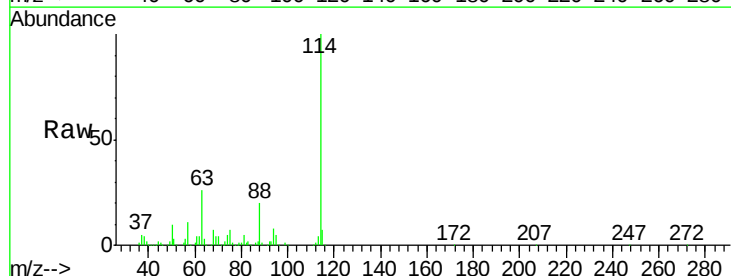
Tgt Ion: 114 Resp: 306300

Ion Ratio Lower Upper

114 100

63 26.2 0.0 44.8

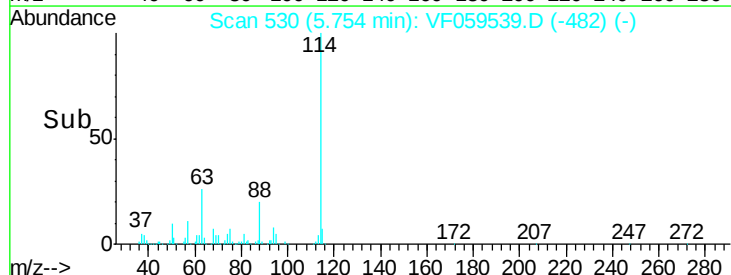
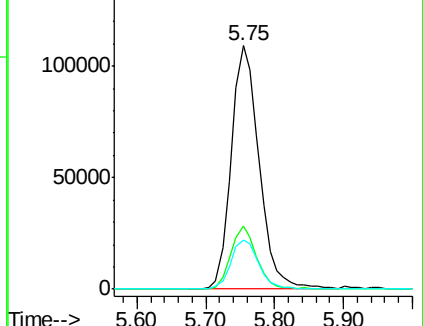
88 20.2 0.0 42.6

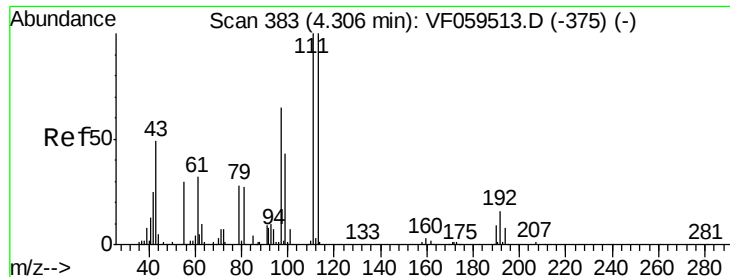


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

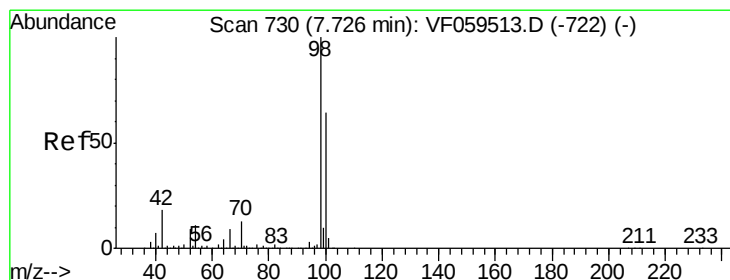
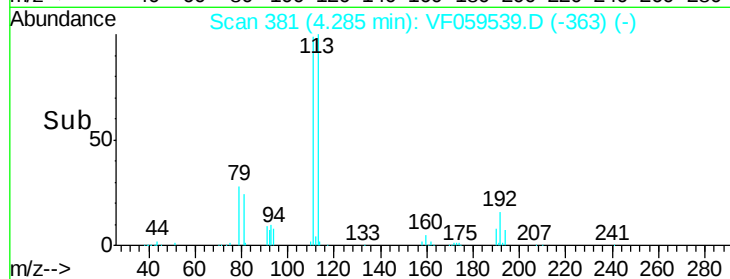
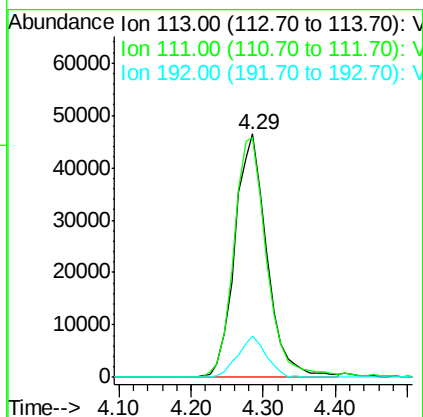
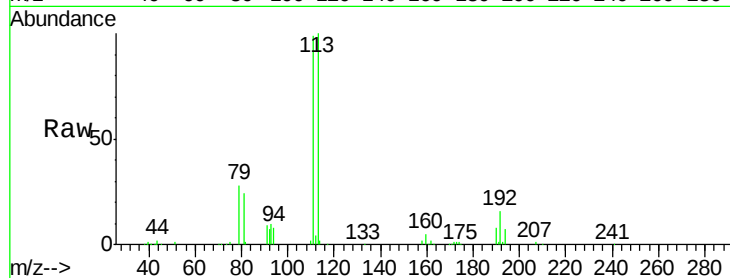




#35
 Dibromofluoromethane
 Concen: 54.17 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.02 min
 Lab File: VF059539.D
 Acq: 19 Jul 2018 3:40

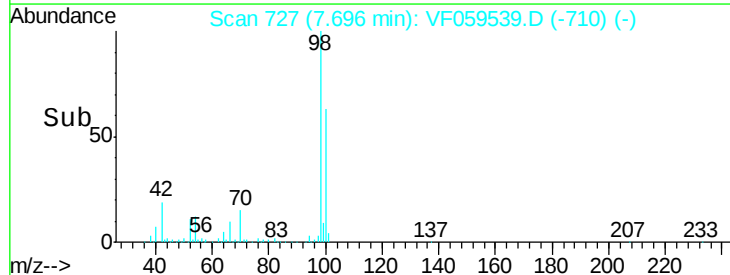
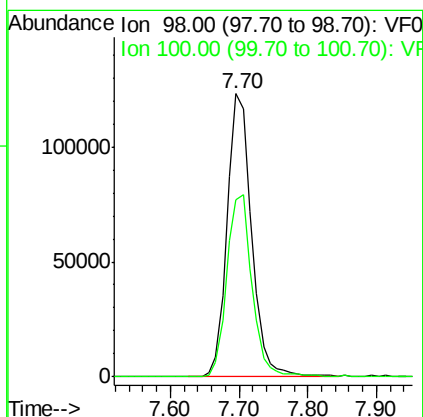
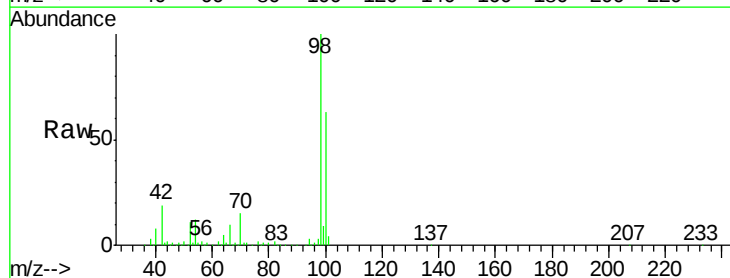
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-2-A

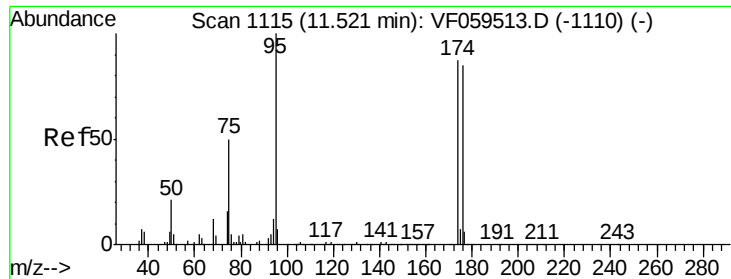
Tot Ion	113	Resp	143708
Ion Ratio	Lower	Upper	
113	100		
111	98.7	80.3	120.5
192	16.8	13.1	19.7



#50
 Toluene-d8
 Concen: 45.40 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.03 min
 Lab File: VF059539.D
 Acq: 19 Jul 2018 3:40

Tgt Ion	98	Resp	303378
Ion Ratio	Lower	Upper	
98	100		
100	62.6	50.9	76.3

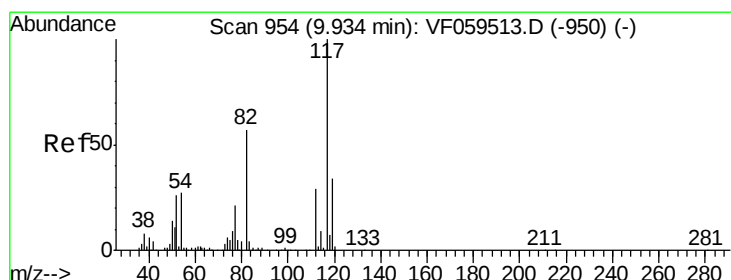
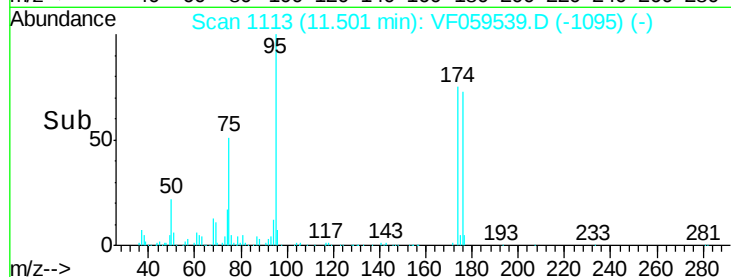
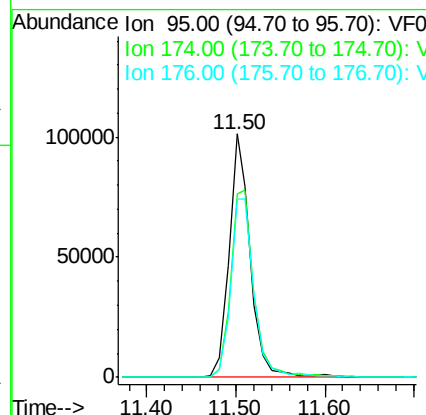
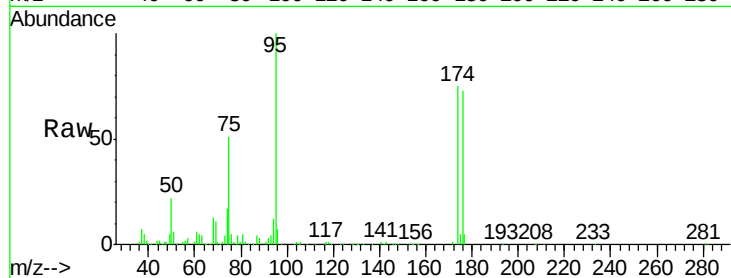




#62
4-Bromofluorobenzene
Concen: 48.39 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF059539.D
Acq: 19 Jul 2018 3:40

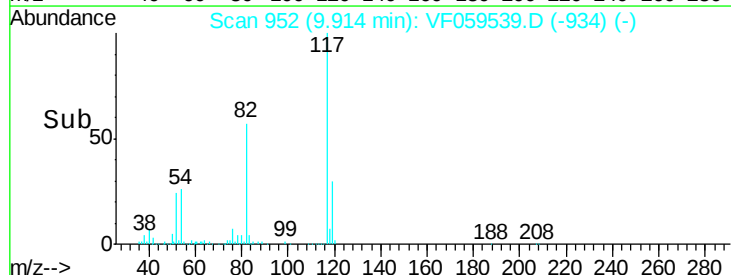
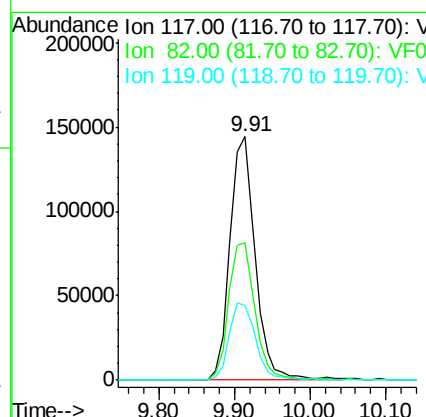
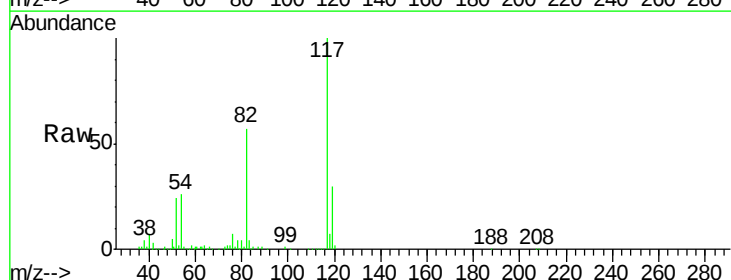
Instrument :
MSVOA_F
ClientSampled :
SB-2-A

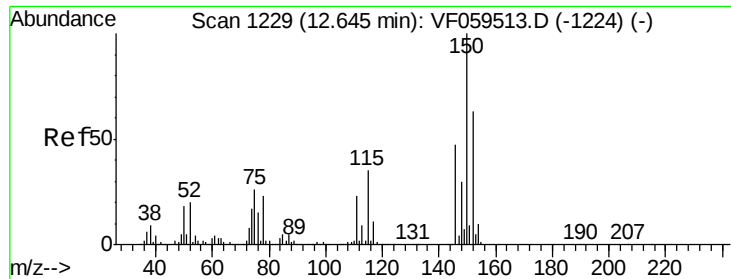
Tot Ion: 95 Resp: 169638
Ion Ratio Lower Upper
95 100
174 75.2 0.0 174.4
176 73.3 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF059539.D
Acq: 19 Jul 2018 3:40

Tgt Ion: 117 Resp: 333715
Ion Ratio Lower Upper
117 100
82 56.7 46.1 69.1
119 30.5 27.2 40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.02 min

Lab File: VF059539.D

Acq: 19 Jul 2018 3:40

Instrument :

MSVOA_F

ClientSampleId :

SB-2-A

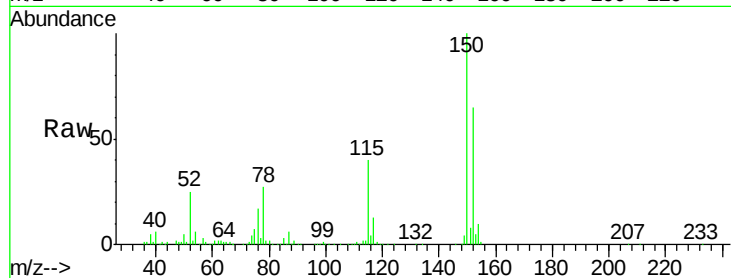
Tot Ion:152 Resp: 202424

Ion Ratio Lower Upper

152 100

115 61.0 27.8 83.3

150 154.3 0.0 318.4



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

