

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032519\
 Data File : VF062138.D
 Acq On : 25 Mar 2019 18:18
 Operator : VA/AP
 Sample : K2086-01
 Misc : 6.40g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CS-11

Manual Integrations
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Quant Time: Mar 26 05:39:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	122455	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.60	114	181863	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.78	117	129001	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	50326	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	34009	37.34	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	74.68%	
35) Dibromofluoromethane	4.12	113	54858	44.59	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	89.18%	
50) Toluene-d8	7.56	98	132762	36.15	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	72.30%	
62) 4-Bromofluorobenzene	11.40	95	46109	32.52	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	65.04%	
Target Compounds						
20) Methylene Chloride	2.17	84	6347m	2.452	ug/l	Qvalue

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

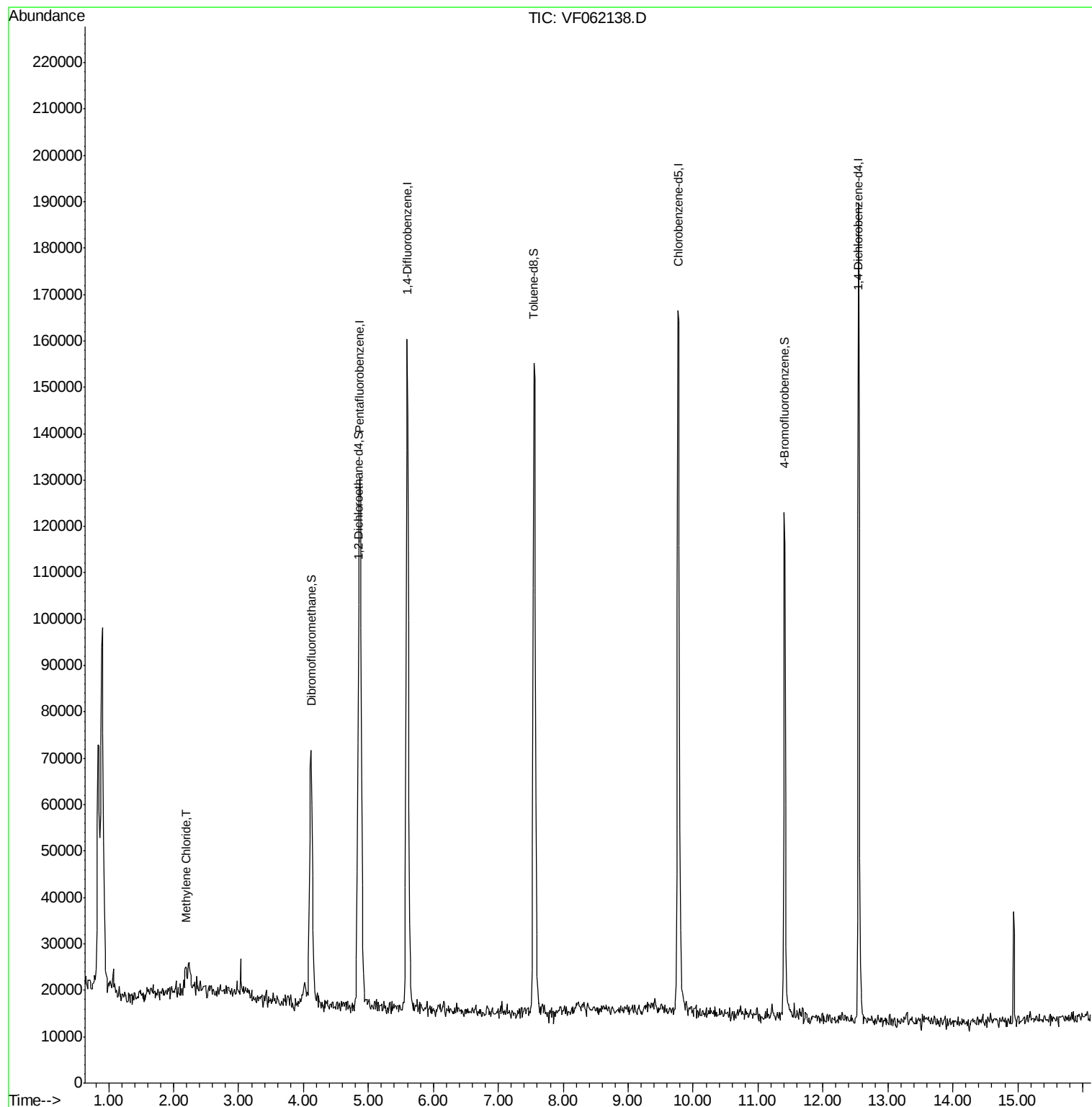
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032519\
Data File : VF062138.D
Acq On : 25 Mar 2019 18:18
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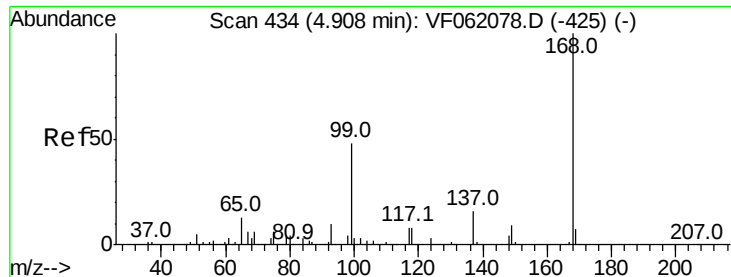
Instrument :
MSVOA_F
ClientSampled :
CS-11

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Quant Time: Mar 26 05:39:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.03 min

Lab File: VF062138.D

Acq: 25 Mar 2019 18:18

Instrument :

MSVOA_F

ClientSampleId :

CS-11

Tot Ion:168 Resp: 122455

Ion Ratio Lower Upper

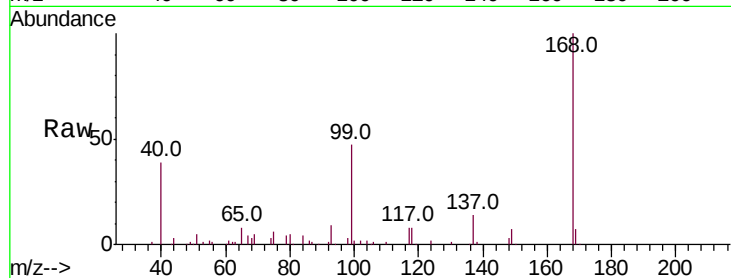
168 100

99 46.7 38.2 57.4

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.88

30000

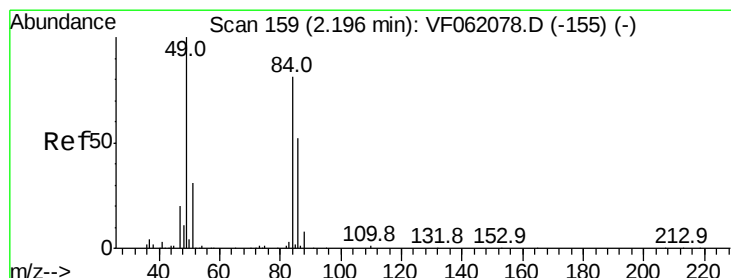
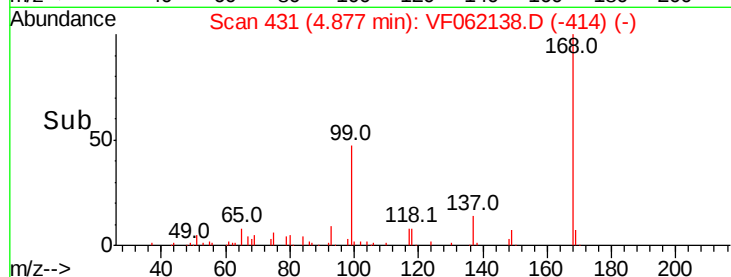
20000

10000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 2.452 ug/l m

RT: 2.17 min Scan# 157

Delta R.T. -0.02 min

Lab File: VF062138.D

Acq: 25 Mar 2019 18:18

Tgt Ion: 84 Resp: 6347

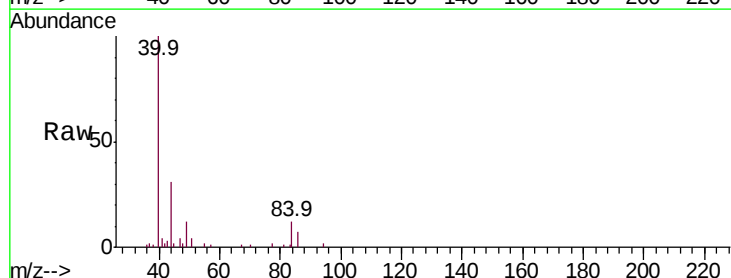
Ion Ratio Lower Upper

84 100

49 94.2 100.4 150.6#

51 32.6 31.0 46.6

86 55.4 51.3 76.9



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

2.17

3000

2500

2000

1500

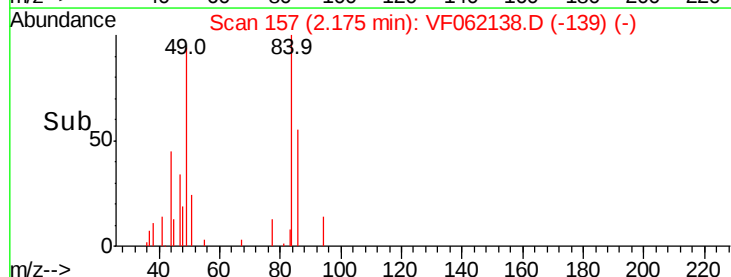
1000

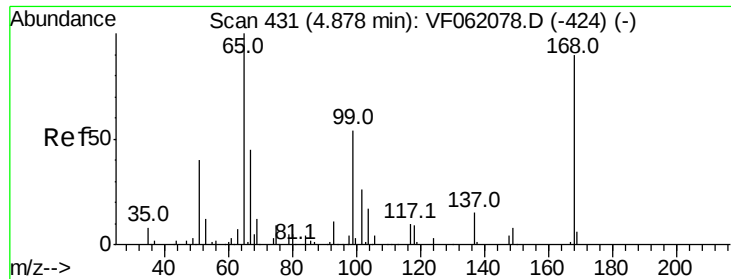
500

0

Time-->

2.10 2.20 2.30





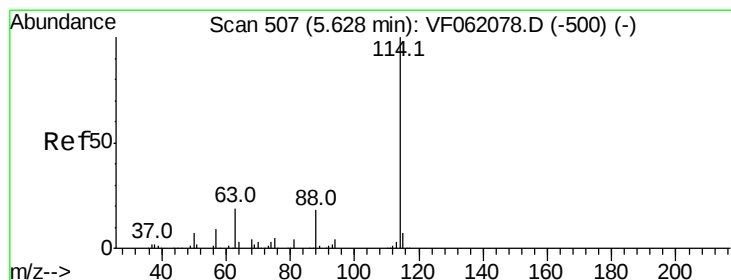
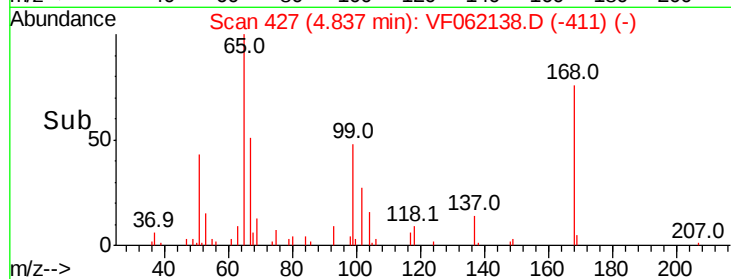
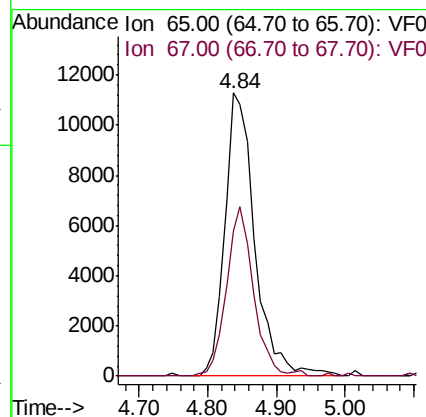
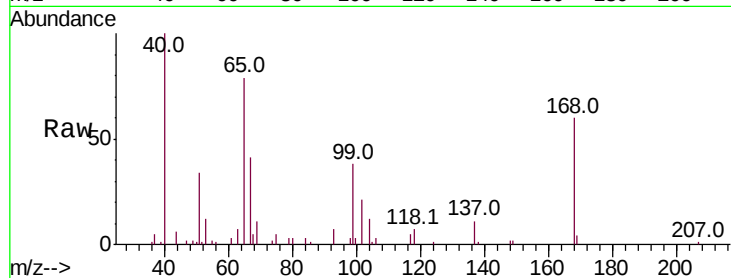
#33
 1,2-Dichloroethane-d4
 Concen: 37.338 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.04 min
 Lab File: VF062138.D
 Acq: 25 Mar 2019 18:18

Instrument :
 MSVOA_F
 ClientSampleId :
 CS-11

Tot Ion: 65 Resp: 34009
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.2

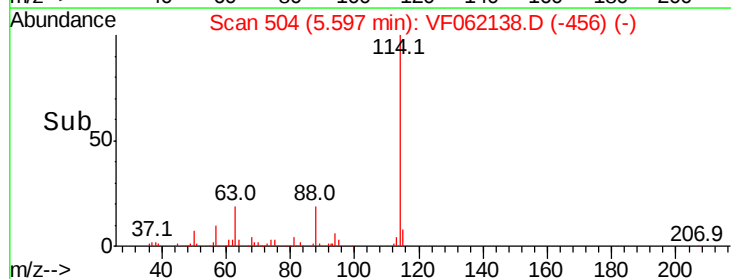
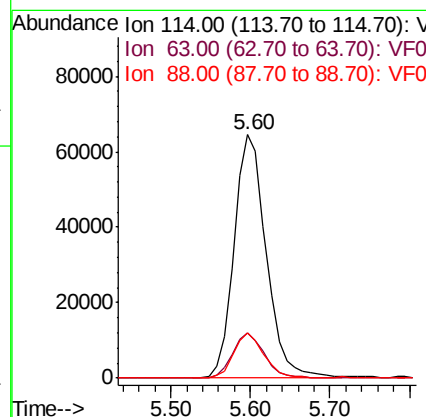
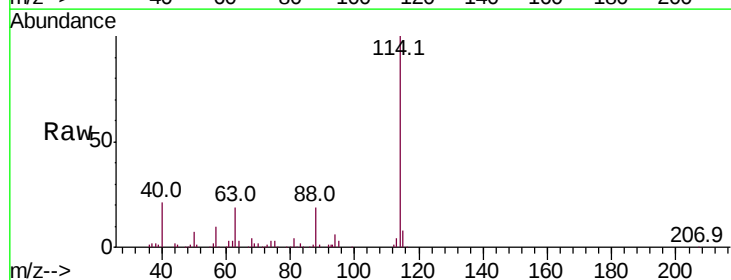
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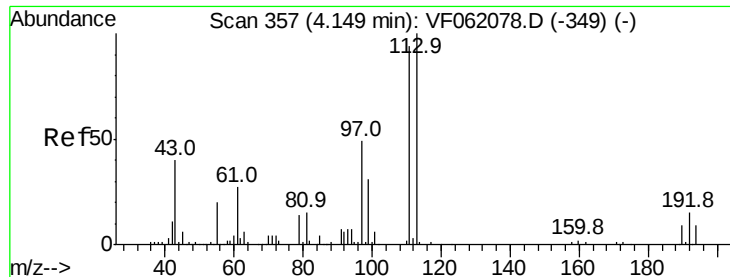
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: VF062138.D
 Acq: 25 Mar 2019 18:18

Tgt Ion: 114 Resp: 181863
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.8
 88 18.6 0.0 36.4





#35

Dibromofluoromethane

Concen: 44.592 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.03 min

Lab File: VF062138.D

Acq: 25 Mar 2019 18:18

Instrument :

MSVOA_F

ClientSampleId :

CS-11

Tot Ion:113 Resp: 54858

Ion Ratio Lower Upper

113 100

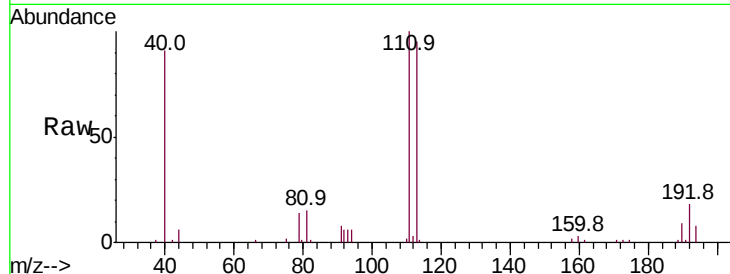
111 104.8 75.4 113.0

192 18.8 12.3 18.5#

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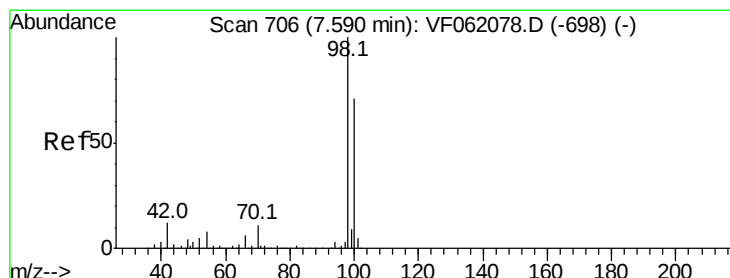
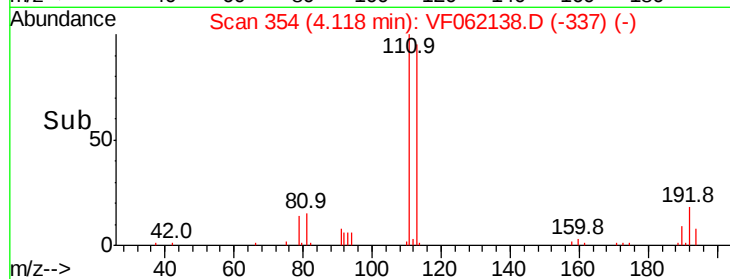
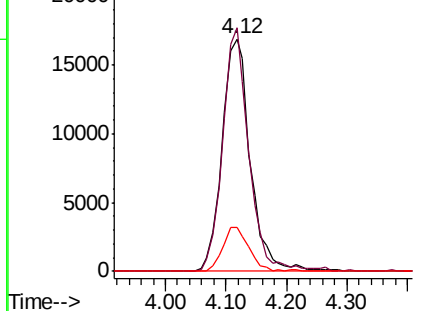
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Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 36.153 ug/l

RT: 7.56 min Scan# 703

Delta R.T. -0.03 min

Lab File: VF062138.D

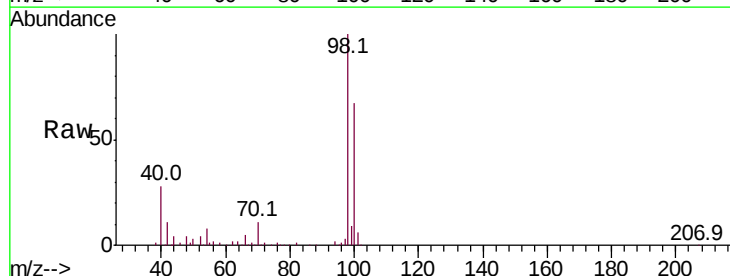
Acq: 25 Mar 2019 18:18

Tgt Ion: 98 Resp: 132762

Ion Ratio Lower Upper

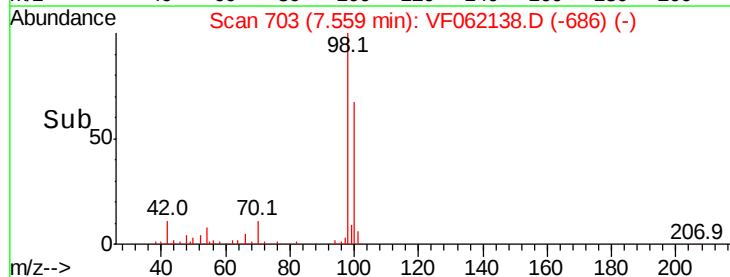
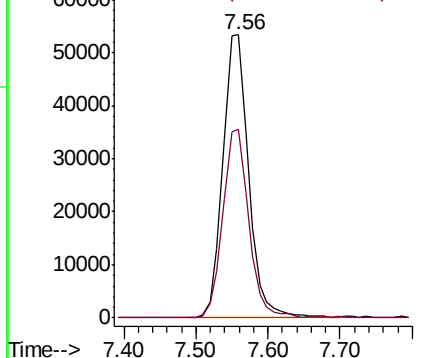
98 100

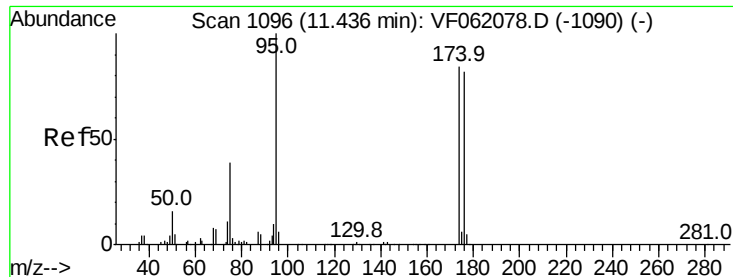
100 66.6 57.0 85.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 32.524 ug/l

RT: 11.40 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF062138.D

Acq: 25 Mar 2019 18:18

Instrument :

MSVOA_F

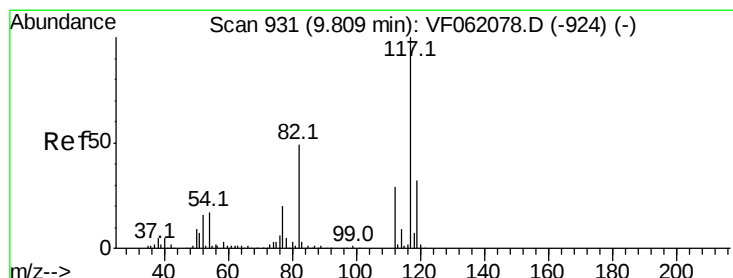
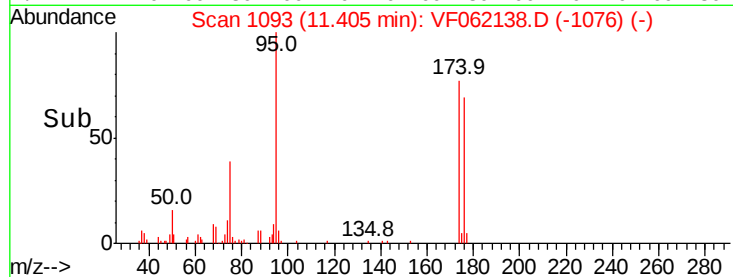
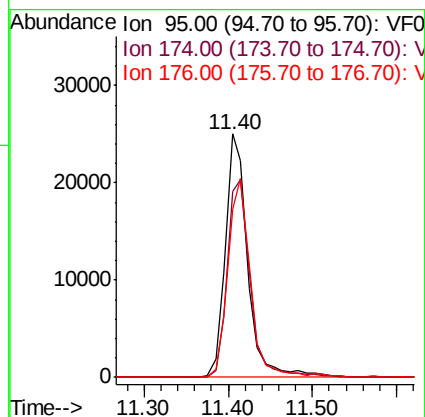
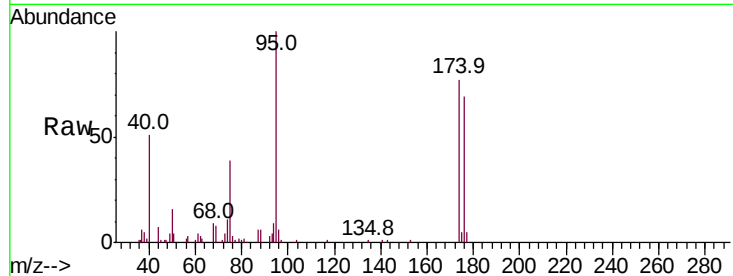
ClientSampleId :

CS-11

Tot Ion:	95	Resp:	46109
Ion Ratio	Lower	Upper	
95	100		
174	76.6	0.0	168.2
176	69.3	0.0	164.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

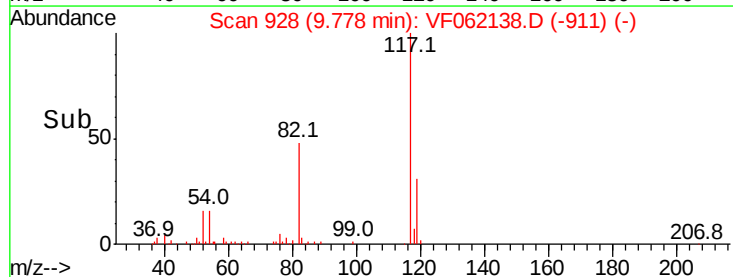
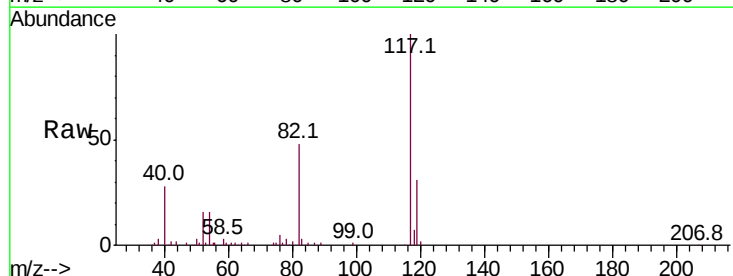
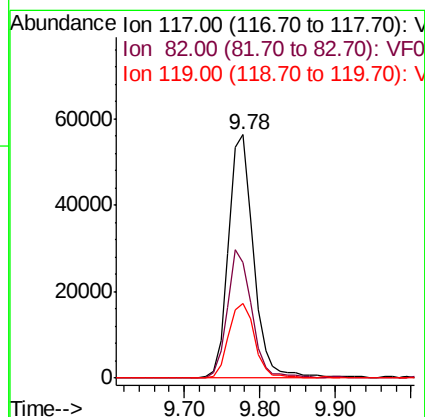
RT: 9.78 min Scan# 928

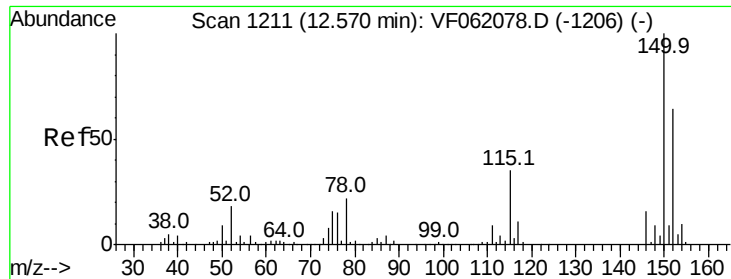
Delta R.T. -0.03 min

Lab File: VF062138.D

Acq: 25 Mar 2019 18:18

Tgt Ion:	117	Resp:	129001
Ion Ratio	Lower	Upper	
117	100		
82	47.6	39.2	58.8
119	30.8	25.4	38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.55 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: VF062138.D
 Acq: 25 Mar 2019 18:18

Instrument :
 MSVOA_F
 ClientSampleId :
 CS-11

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.7	83.1
150	157.3	0.0	313.2

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