

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032019\
 Data File : VF062043.D
 Acq On : 20 Mar 2019 16:39
 Operator : VA/AP
 Sample : K1693-11RE
 Misc : 6.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-031819-BRE

Manual Integrations
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Quant Time: Mar 21 15:54:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	232450	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	358658	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	279910	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	133030	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	113521	67.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	135.68%	
35) Dibromofluoromethane	4.10	113	158025	65.61	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	131.22%	
50) Toluene-d8	7.54	98	367767	52.23	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	11.39	95	150366	53.76	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.52%	
Target Compounds						
20) Methylene Chloride	2.18	84	14496m	7.494	ug/l	Qvalue

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

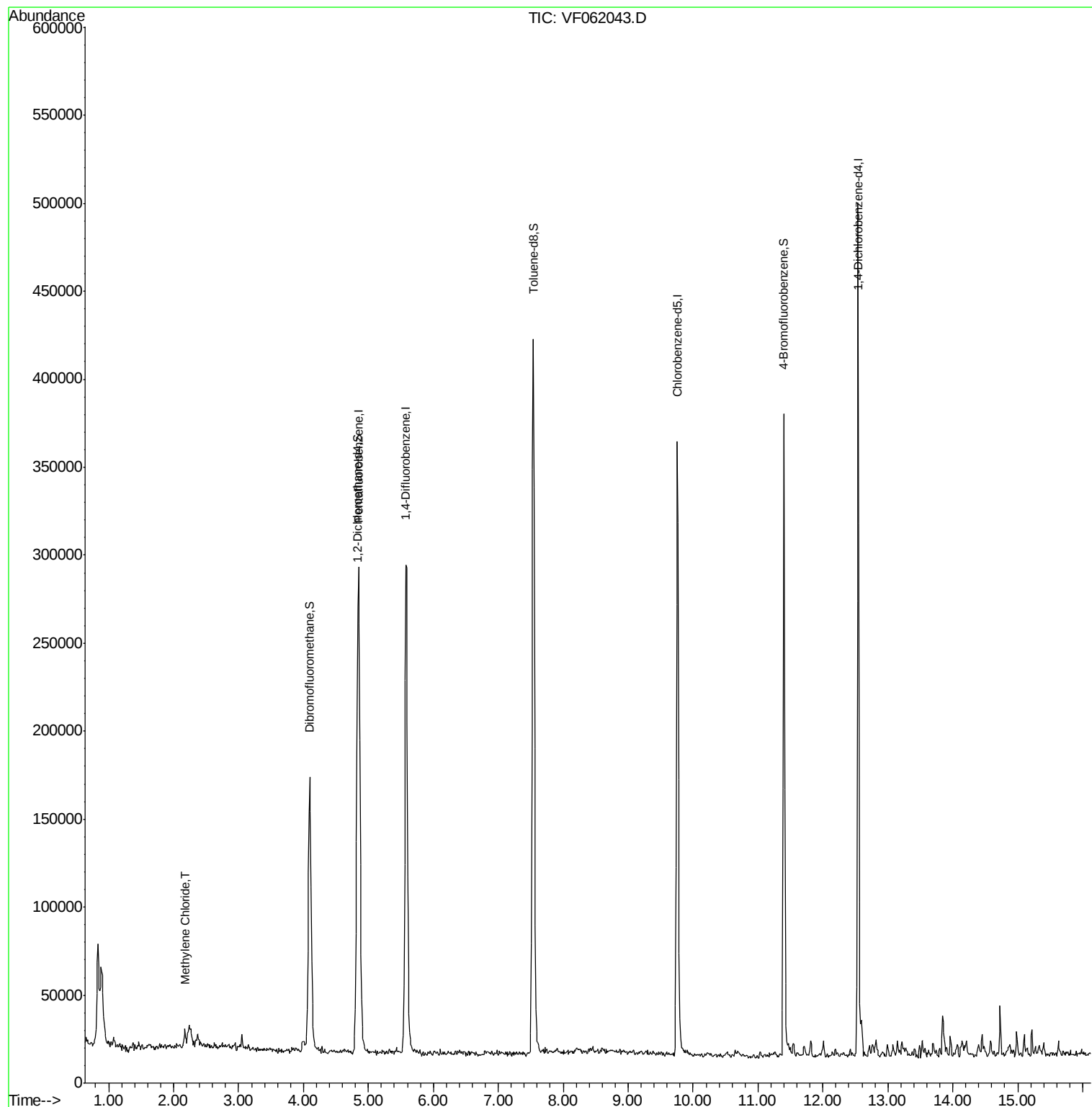
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032019\
Data File : VF062043.D
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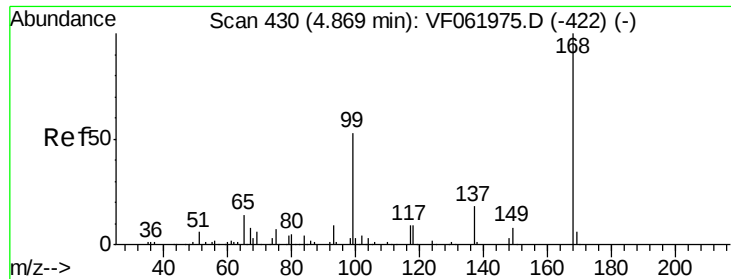
Instrument :
MSVOA_F
ClientSampleId :
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Quant Time: Mar 21 15:54:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF062043.D

Acq: 20 Mar 2019 16:39

Instrument :

MSVOA_F

ClientSampleId :

OR-03-031819-BRE

Tot Ion:168 Resp: 232450

Ion Ratio Lower Upper

168 100

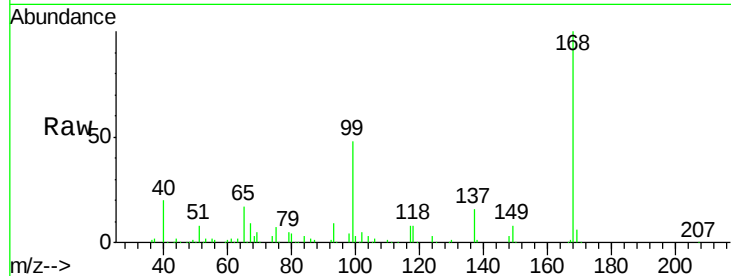
99 48.1 42.4 63.6

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

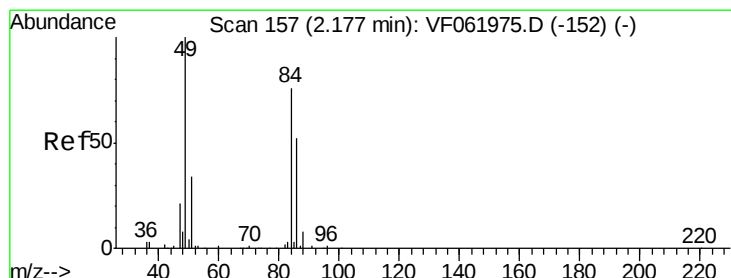
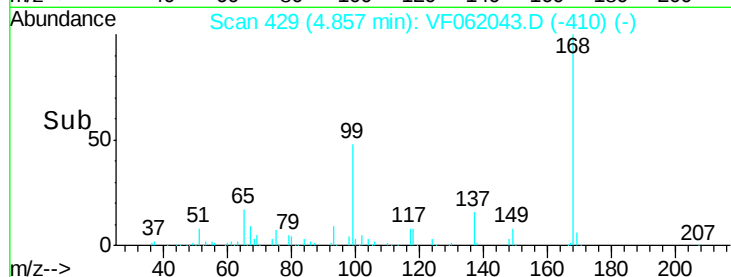
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 7.494 ug/l m

RT: 2.18 min Scan# 157

Delta R.T. -0.00 min

Lab File: VF062043.D

Acq: 20 Mar 2019 16:39

Tgt Ion: 84 Resp: 14496

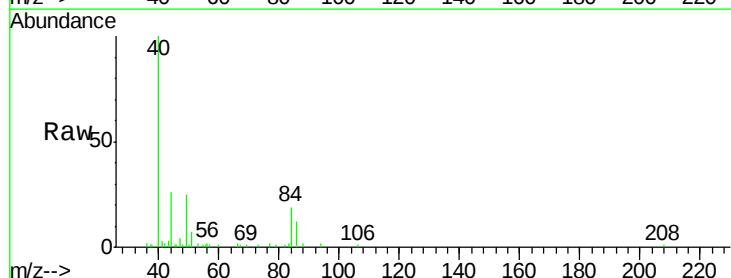
Ion Ratio Lower Upper

84 100

49 127.3 107.0 160.6

51 38.5 37.2 55.8

86 62.2 55.3 82.9



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

5000

4000

3000

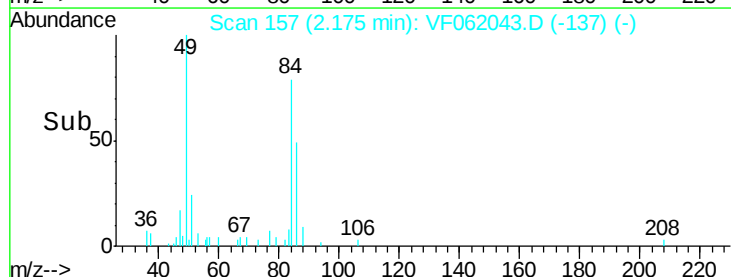
2000

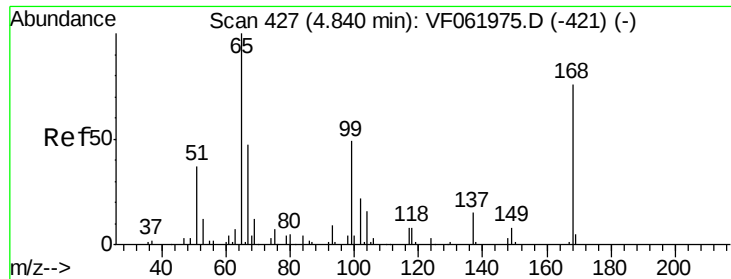
1000

0

2.00 2.10 2.20 2.30 2.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 67.844 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF062043.D

Acq: 20 Mar 2019 16:39

Instrument :

MSVOA_F

ClientSampleId :

OR-03-031819-BRE

Tot Ion: 65 Resp: 113521

Ion Ratio Lower Upper

65 100

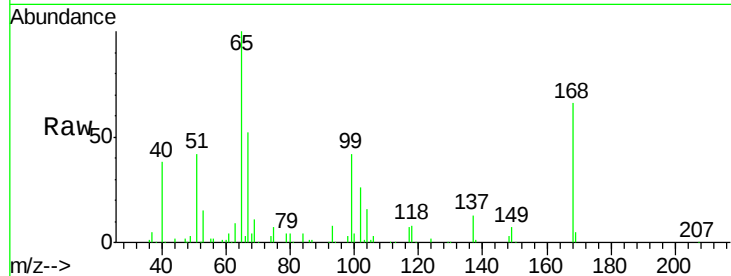
67 52.4 0.0 109.4

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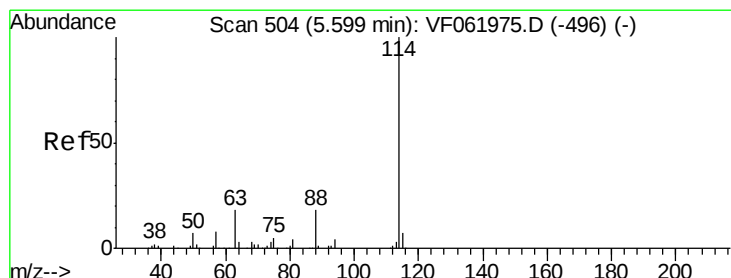
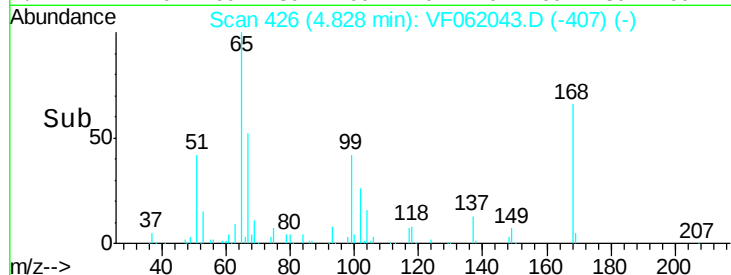
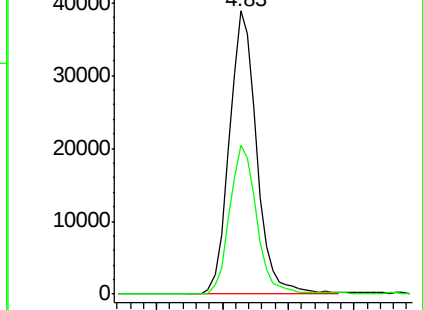
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF062043.D

Acq: 20 Mar 2019 16:39

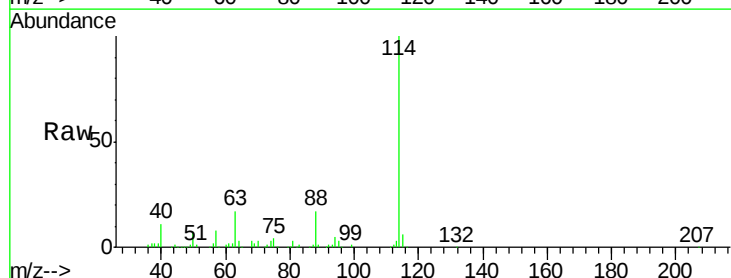
Tgt Ion: 114 Resp: 358658

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.4

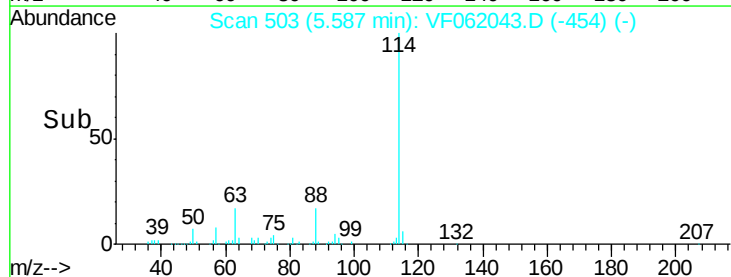
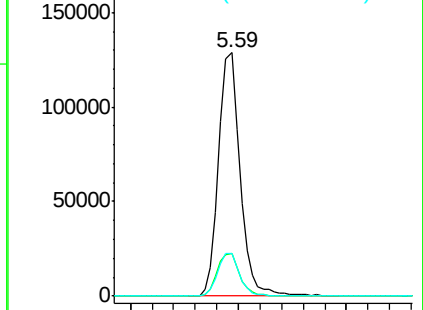
88 17.3 0.0 36.4

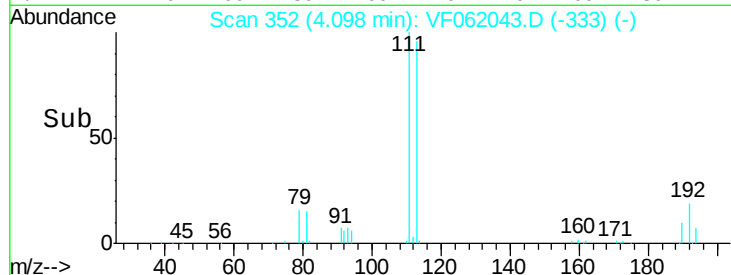
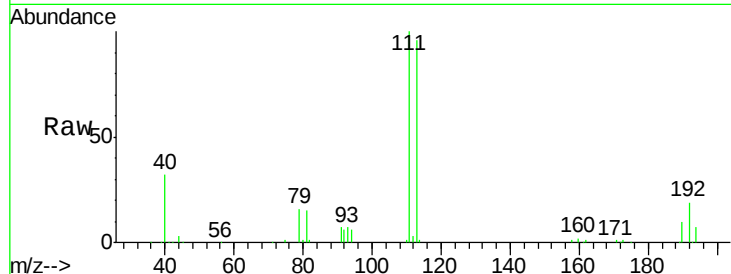
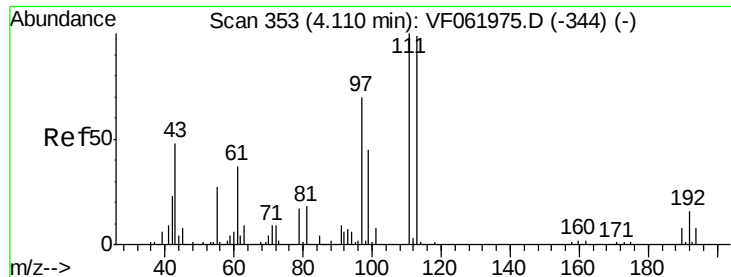


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





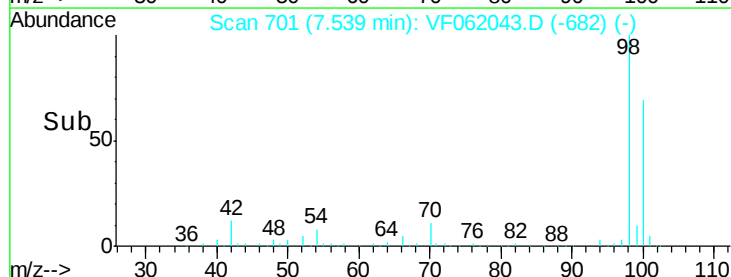
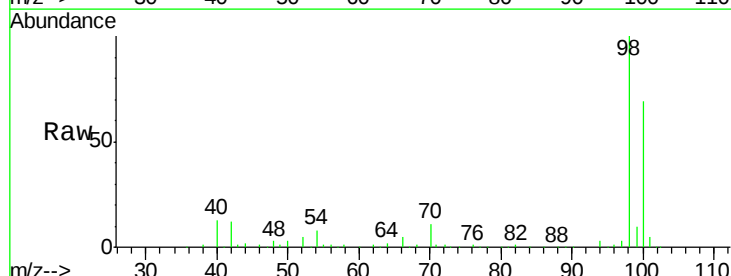
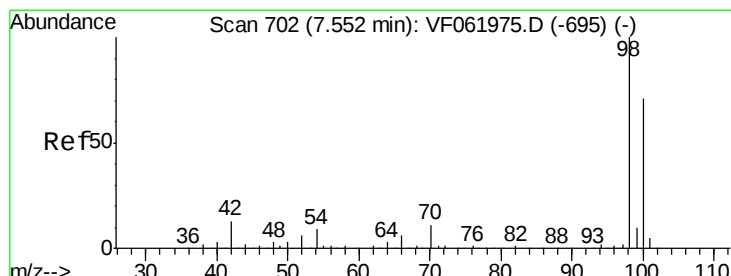
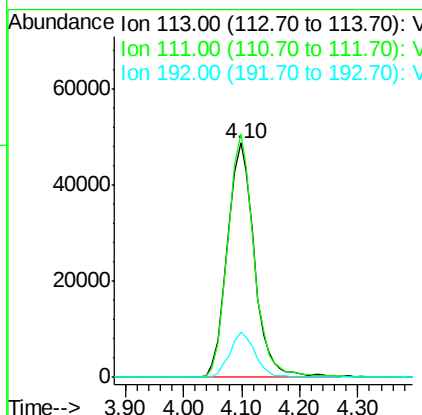
#35
Dibromofluoromethane
Concen: 65.612 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF062043.D
Acq: 20 Mar 2019 16:39

Tot Ion	Ratio	Resp	Lower	Upper
113	100	158025		
111	103.8	80.8	121.2	
192	19.2	13.0	19.6	

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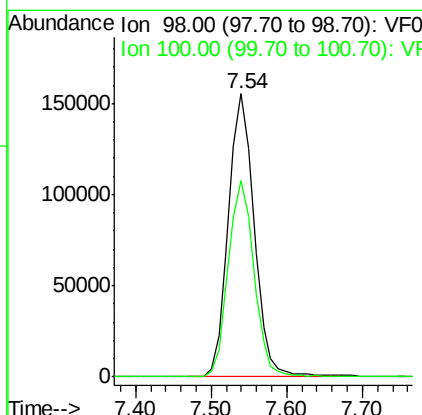
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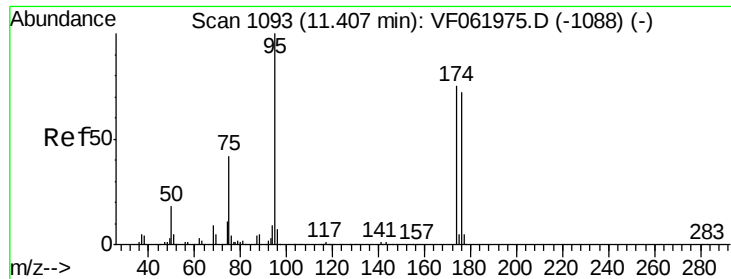
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#50
Toluene-d8
Concen: 52.235 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF062043.D
Acq: 20 Mar 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	367767		
100	69.4	56.8	85.2	





#62

4-Bromofluorobenzene

Concen: 53.760 ug/l

RT: 11.39 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF062043.D

Acq: 20 Mar 2019 16:39

Instrument :

MSVOA_F

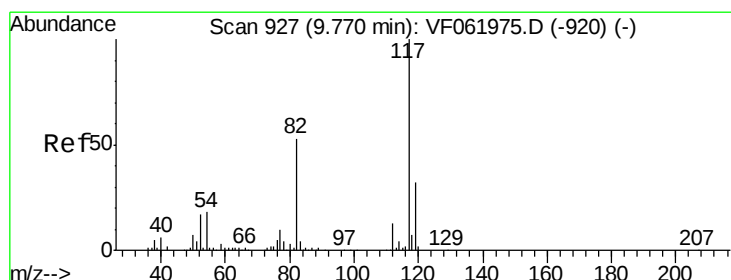
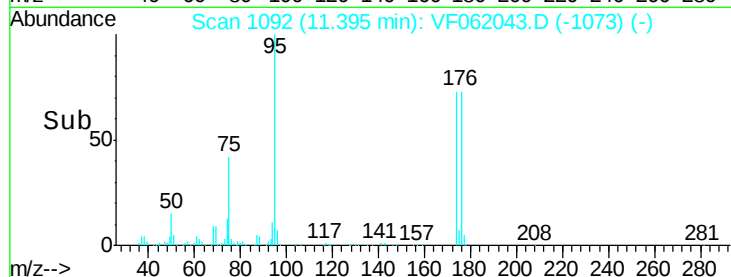
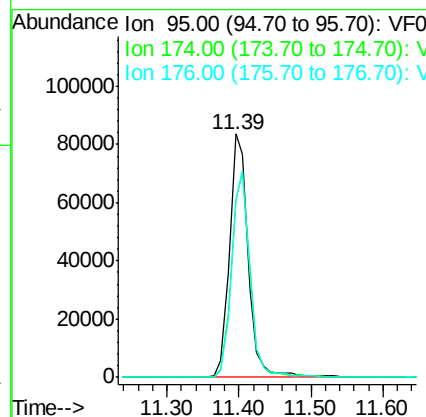
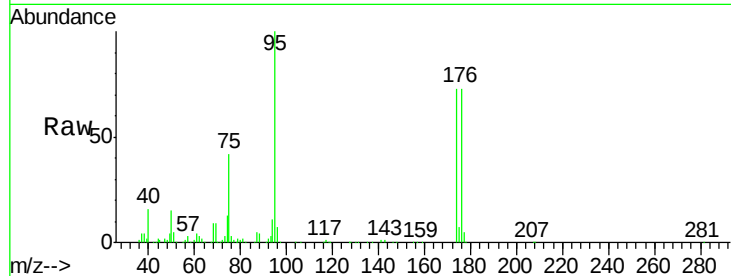
ClientSampleId :

OR-03-031819-BRE

Tot Ion:	95	Resp:	150366
Ion Ratio	Lower	Upper	
95	100		
174	73.3	0.0	149.4
176	72.5	0.0	143.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

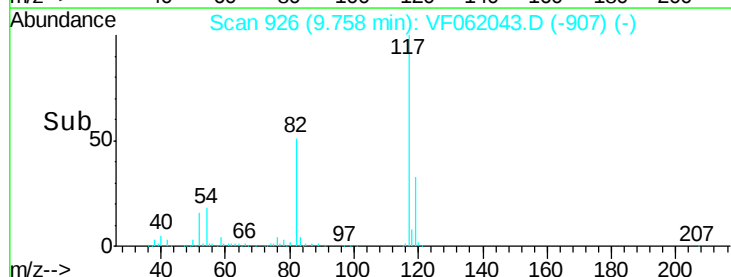
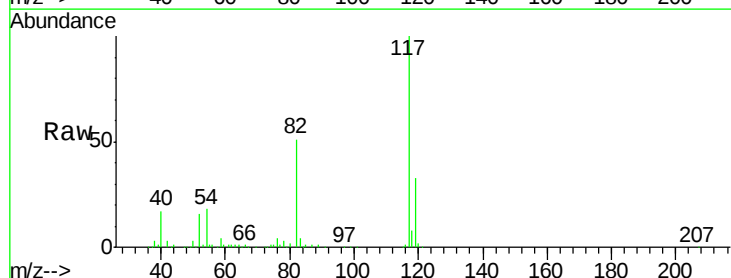
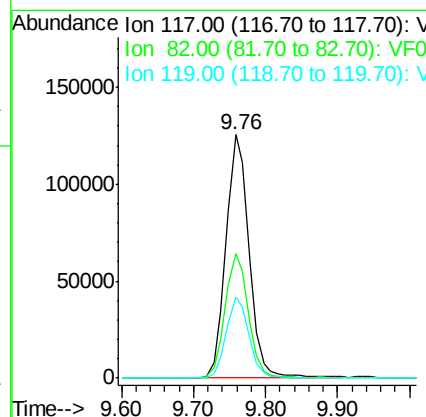
RT: 9.76 min Scan# 926

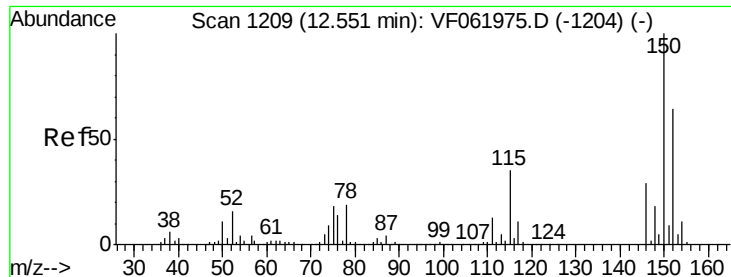
Delta R.T. -0.01 min

Lab File: VF062043.D

Acq: 20 Mar 2019 16:39

Tgt Ion:	117	Resp:	279910
Ion Ratio	Lower	Upper	
117	100		
82	50.9	42.5	63.7
119	33.2	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.54 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: VF062043.D
 Acq: 20 Mar 2019 16:39

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-031819-BRE

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
115	56.3	27.3	81.9	
150	155.3	0.0	316.2	

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