

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062441.D
 Acq On : 11 May 2019 2:17
 Operator : FY/SY
 Sample : K2754-02
 Misc : 6.11g/5mL/MSVOA F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-5

Manual Integrations
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 5/11/2019 3:48:15 PM

Quant Time: May 11 06:39:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	255645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	338857	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	215825	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	110591	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	188195	77.90	ug/l	0.02
Spiked Amount 50.000			Recovery	=	155.80%	
35) Dibromofluoromethane	4.31	113	195349	72.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	144.72%	
50) Toluene-d8	7.71	98	274834	42.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.12%	
62) 4-Bromofluorobenzene	11.50	95	112543	38.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.34%	
Target Compounds						
20) Methylene Chloride	2.35	84	11768m	6.655	ug/l	Qvalue

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

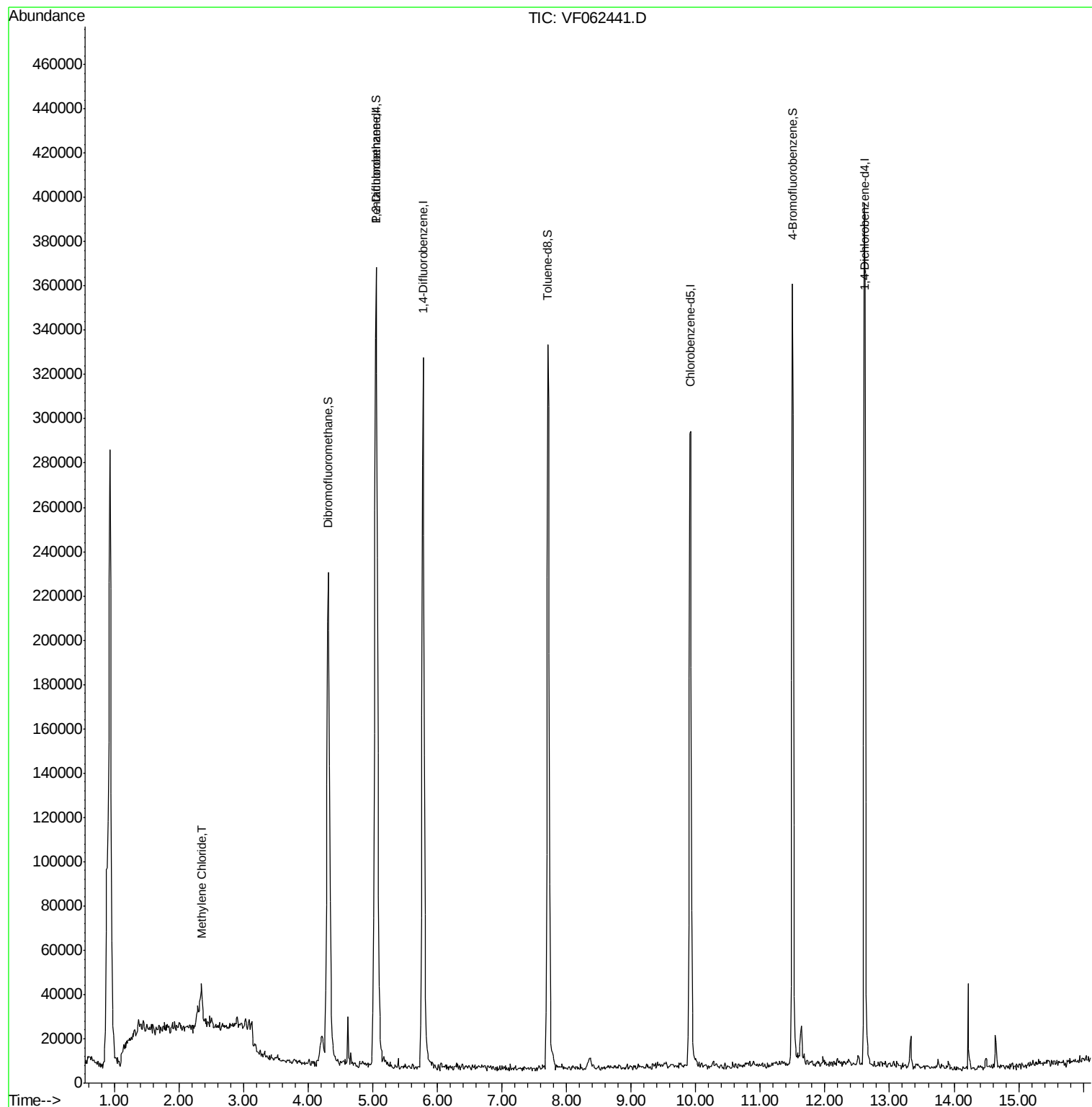
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051019\
Data File : VF062441.D
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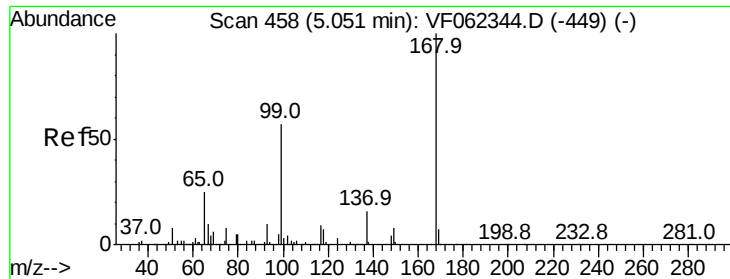
Instrument :
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Quant Time: May 11 06:39:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF062441.D

Acq: 11 May 2019 2:17

Instrument :

MSVOA_F

ClientSampleId :

TP-5

Tot Ion:168 Resp: 255645

Ion Ratio Lower Upper

168 100

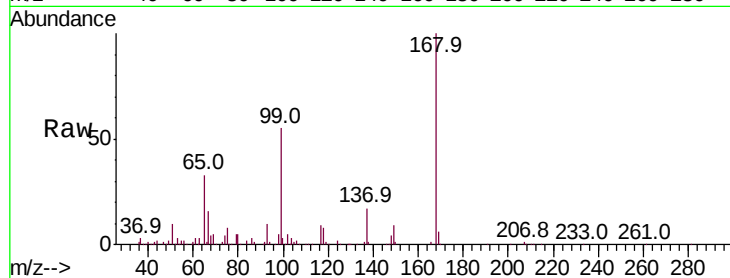
99 55.4 45.9 68.9

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Abundance Ion 167.90 (167.60 to 168.60): V

100000 Ion 98.90 (98.60 to 99.60): VF0

80000

60000

40000

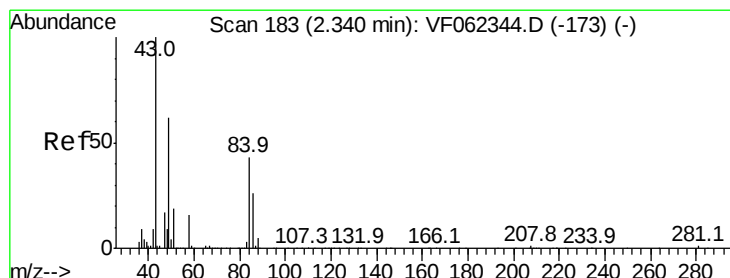
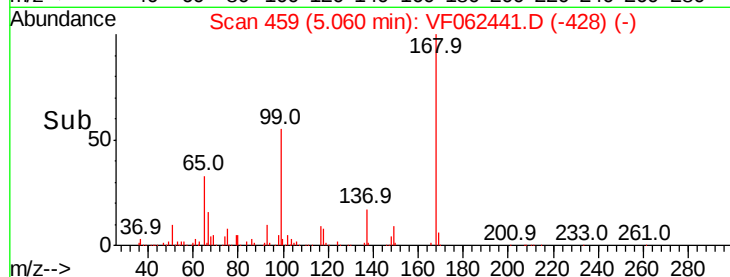
20000

0

Time-->

4.90 5.00 5.10 5.20

5.06



#20

Methylene Chloride

Concen: 6.655 ug/l m

RT: 2.35 min Scan# 184

Delta R.T. 0.01 min

Lab File: VF062441.D

Acq: 11 May 2019 2:17

Tgt Ion: 84 Resp: 11768

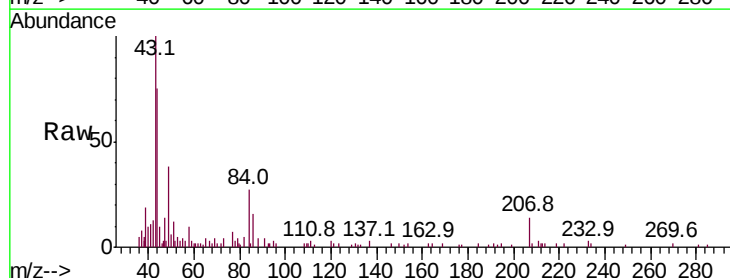
Ion Ratio Lower Upper

84 100

49 139.9 117.5 176.3

51 44.6 37.0 55.4

86 60.1 49.3 73.9



Abundance Ion 83.90 (83.60 to 84.60): VF0

5000 Ion 48.90 (48.60 to 49.60): VF0

4000 Ion 50.90 (50.60 to 51.60): VF0

3000 Ion 85.90 (85.60 to 86.60): VF0

2000

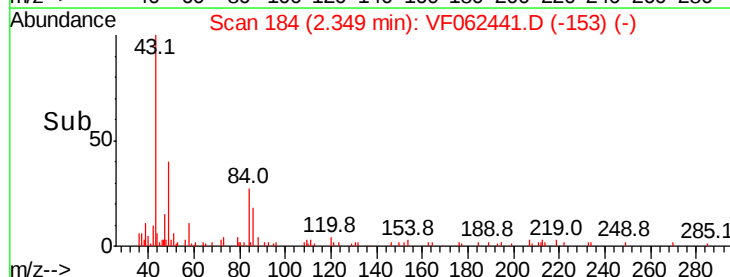
1000

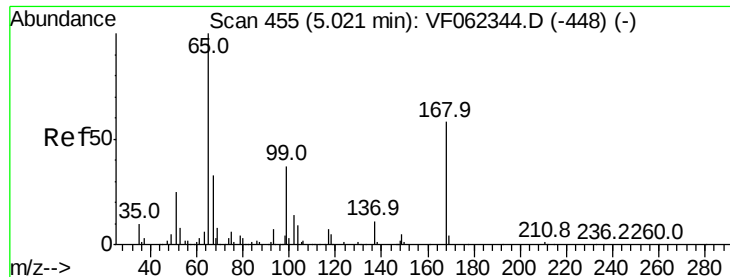
0

Time-->

2.20 2.30 2.40 2.50

2.35





#33

1,2-Dichloroethane-d4

Concen: 77.897 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062441.D

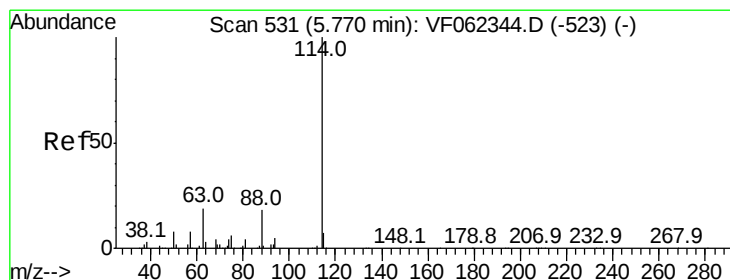
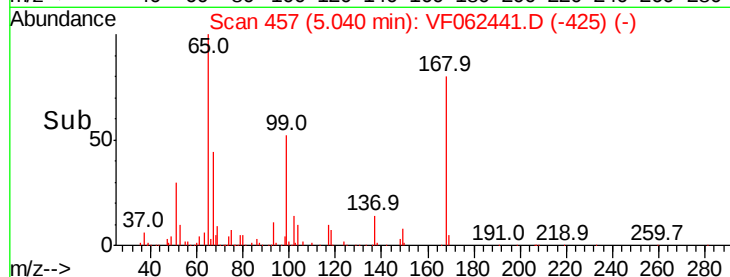
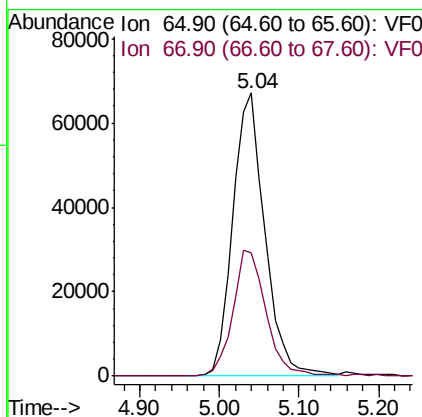
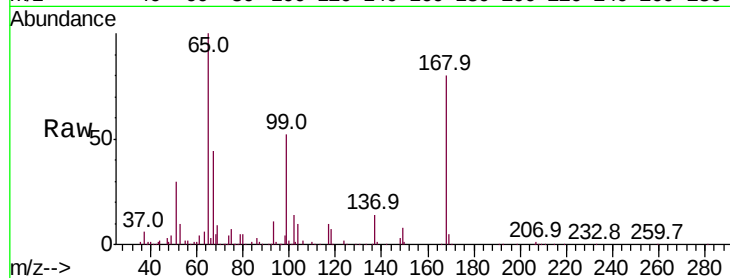
Acq: 11 May 2019 2:17

Tot Ion:	65	Resp:	188195
Ion Ratio	Lower	Upper	
65	100		
67	45.8	0.0	85.8

Instrument :
MSVOA_F
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TP-5

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

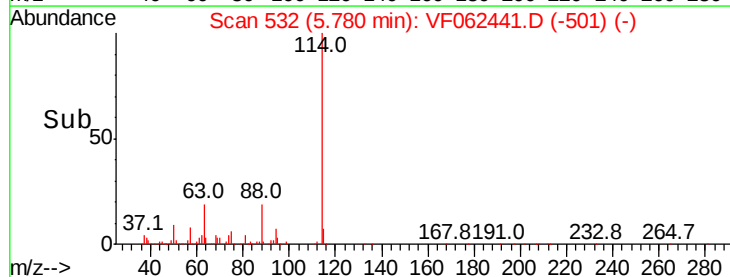
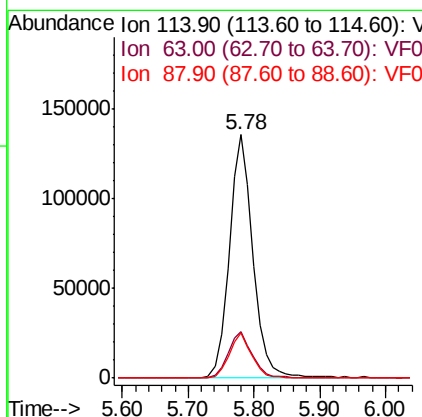
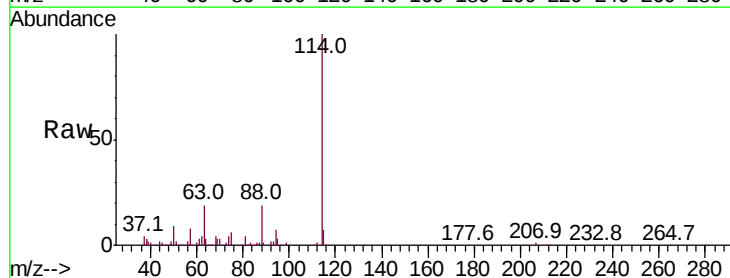
RT: 5.78 min Scan# 532

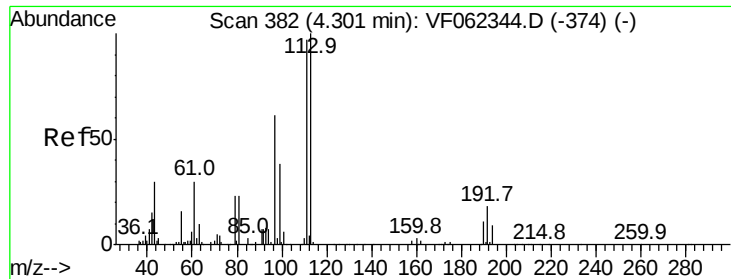
Delta R.T. 0.01 min

Lab File: VF062441.D

Acq: 11 May 2019 2:17

Tgt Ion:	114	Resp:	338857
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	37.4
88	18.7	0.0	36.4





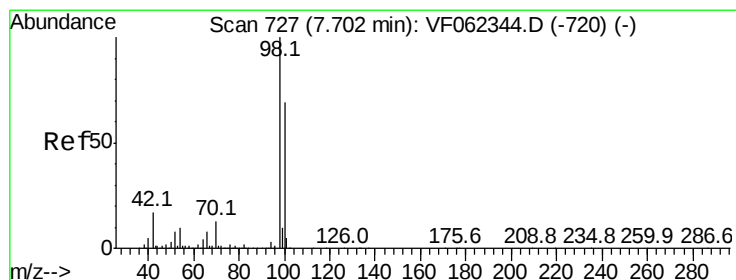
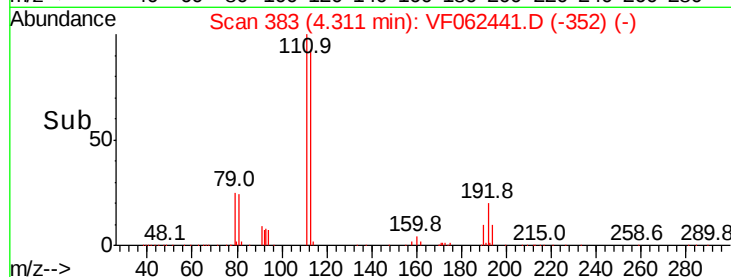
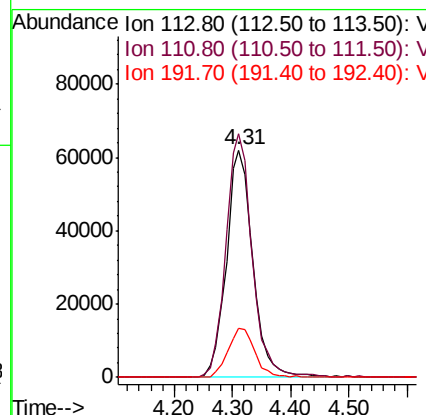
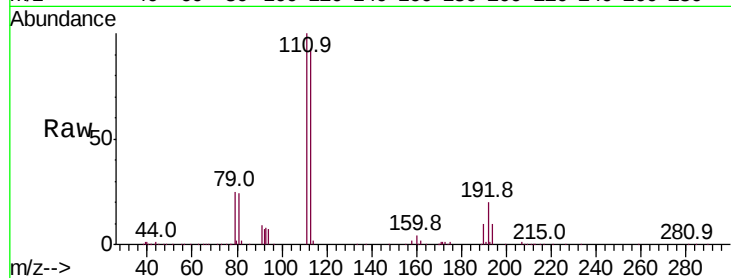
#35
 Dibromofluoromethane
 Concen: 72.362 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: VF062441.D
 Acq: 11 May 2019 2:17

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-5

Tot Ion	Ratio	Lower	Upper
113	100		
111	106.4	79.4	119.0
192	22.1	16.0	24.0

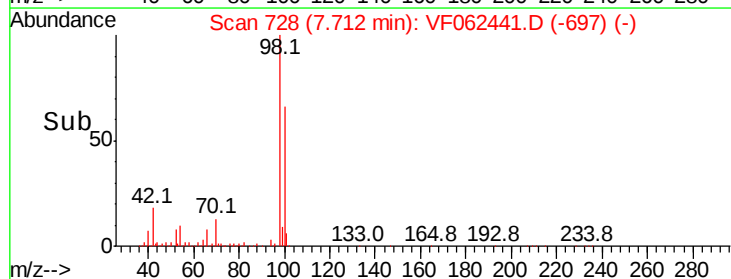
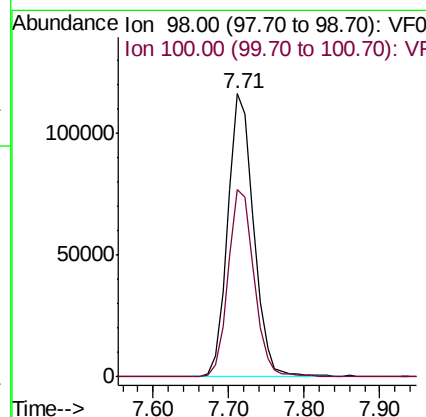
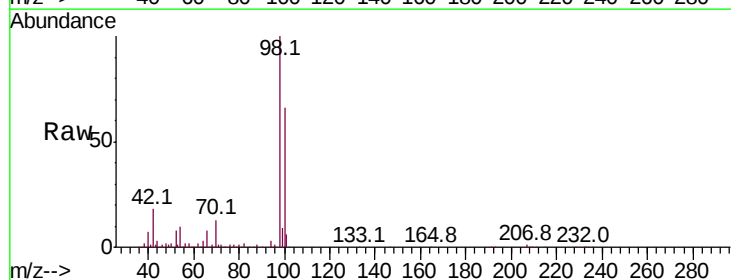
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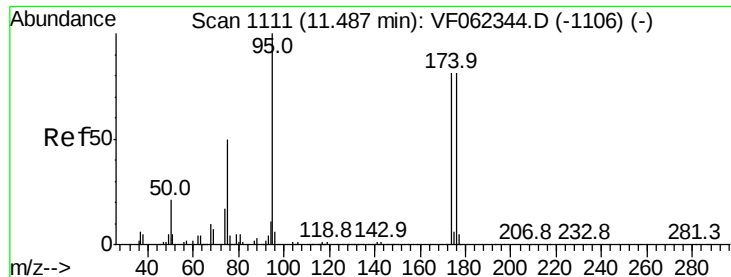
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#50
 Toluene-d8
 Concen: 42.057 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VF062441.D
 Acq: 11 May 2019 2:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.3	79.9





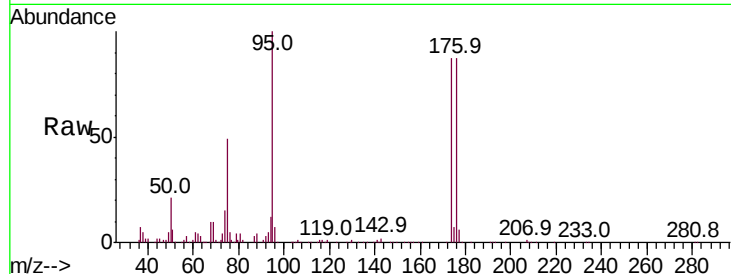
#62
4-Bromofluorobenzene
Concen: 38.173 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062441.D
Acq: 11 May 2019 2:17

Instrument :
MSVOA_F
ClientSampleId :
TP-5

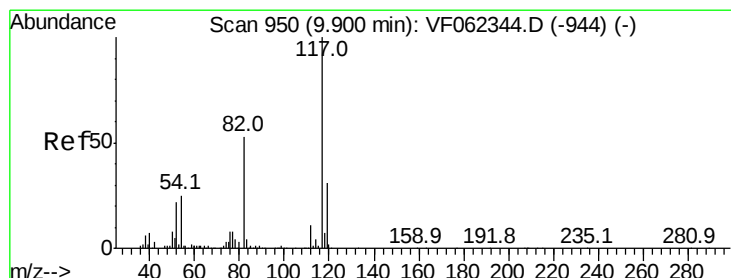
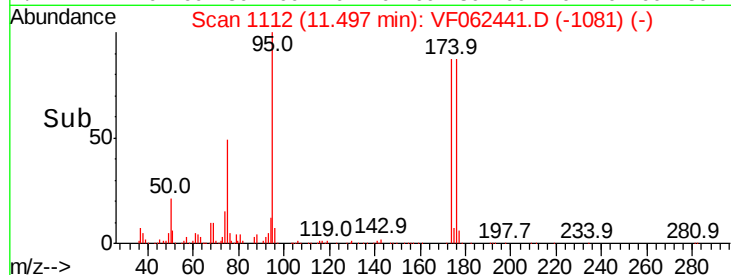
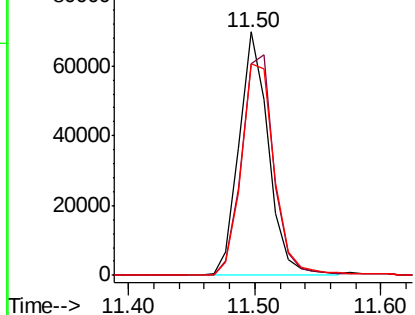
Tot Ion	Ratio	Resp	Lower	Upper
95	100	112543		
174	100.6	0.0	191.8	
176	99.1	0.0	193.2	

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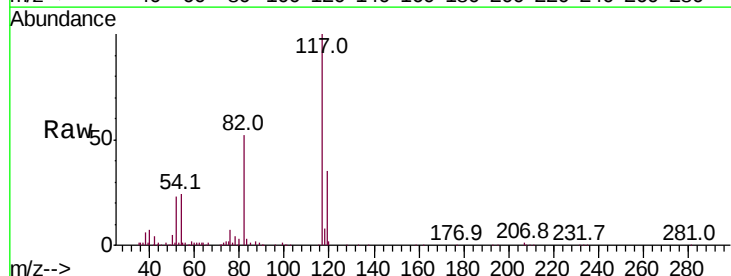


Abundance Ion 94.90 (94.60 to 95.60): VF0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

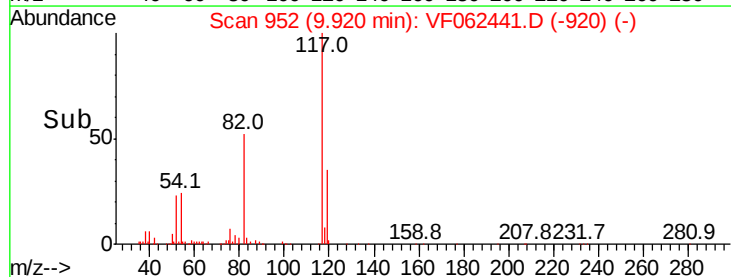
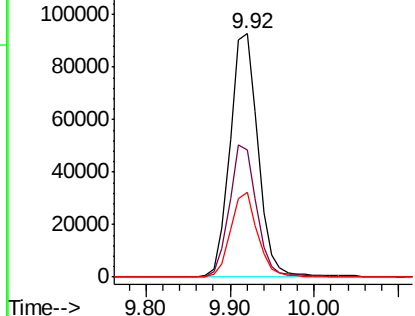


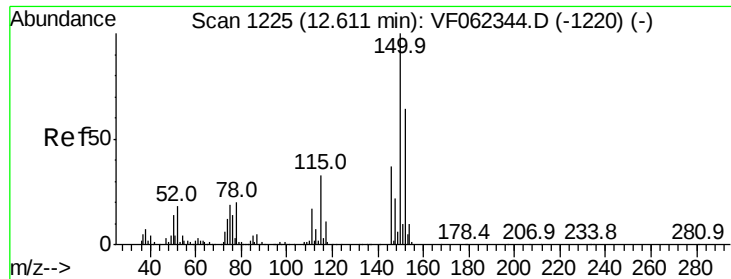
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062441.D
Acq: 11 May 2019 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	215825		
82	52.0	42.2	63.2	
119	34.9	25.0	37.4	



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062441.D

Acq: 11 May 2019 2:17

Instrument :

MSVOA_F

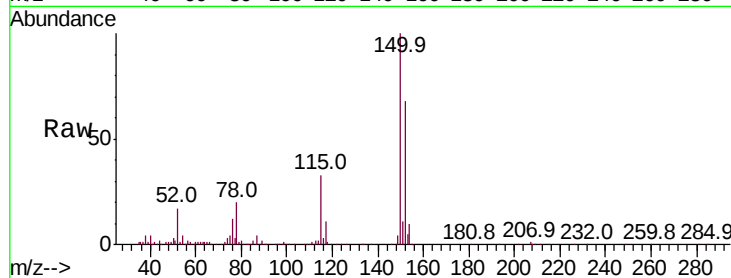
ClientSampleId :

TP-5

Tot Ion:	152	Resp:	110591
Ion Ratio	Lower	Upper	
152	100		
115	53.9	26.4	79.2
150	153.1	0.0	335.0

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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

