

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050919\
 Data File : VF062408.D
 Acq On : 9 May 2019 21:02
 Operator : FY/SY
 Sample : K2645-01
 Misc : 6.76g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-050719-A

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 11:17:40 AM

Quant Time: May 10 08:28:47 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	163646	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	215536	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	89648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	64612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	133445	86.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	172.58%	
35) Dibromofluoromethane	4.30	113	142950	83.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	166.50%	
50) Toluene-d8	7.71	98	31678	7.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	15.24%	
62) 4-Bromofluorobenzene	11.49	95	72277	38.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.08%	
Target Compounds						
20) Methylene Chloride	2.33	84	7494m	6.621	ug/l	Qvalue

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

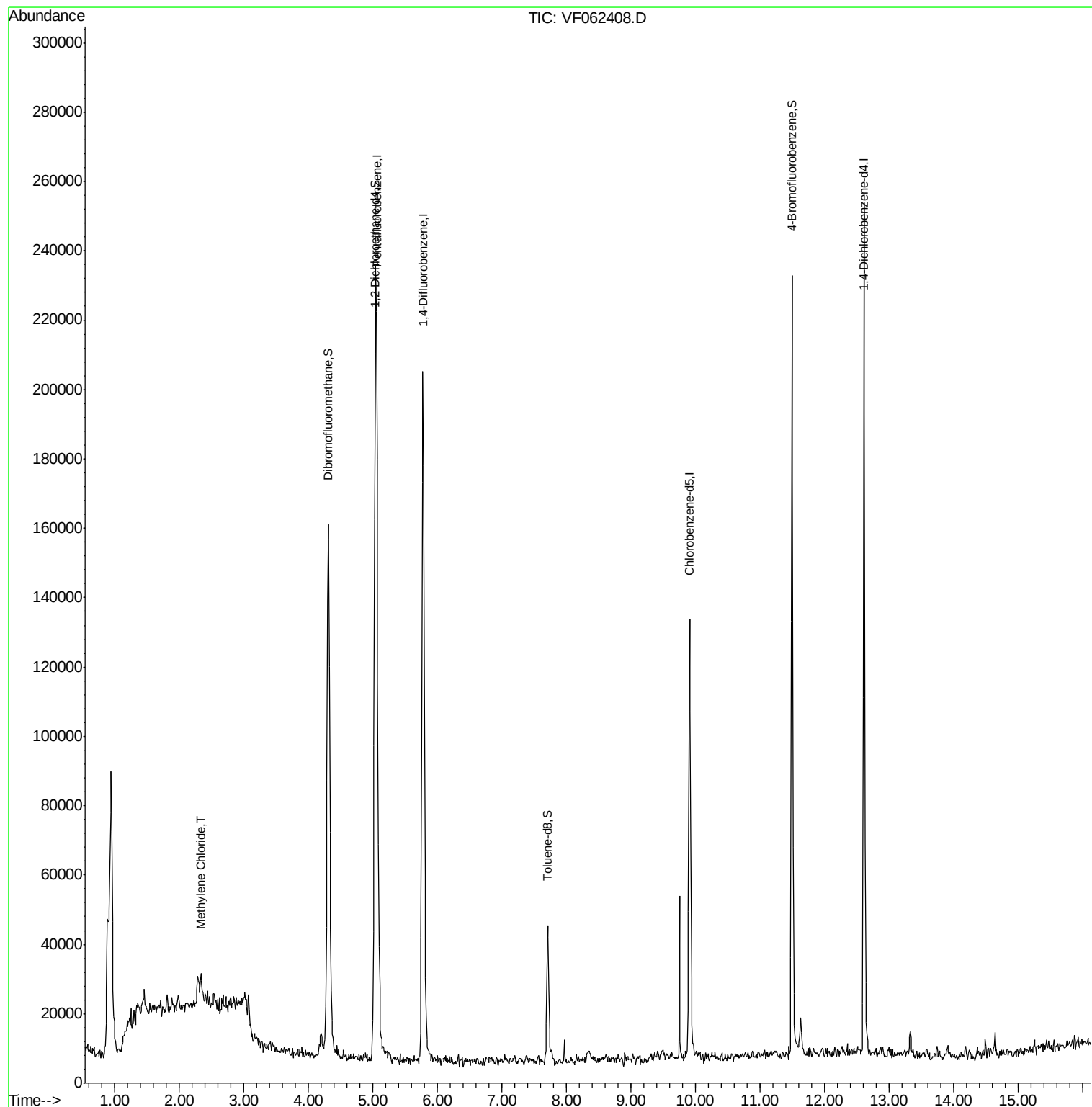
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050919\
Data File : VF062408.D
Acq On : 9 May 2019 21:02
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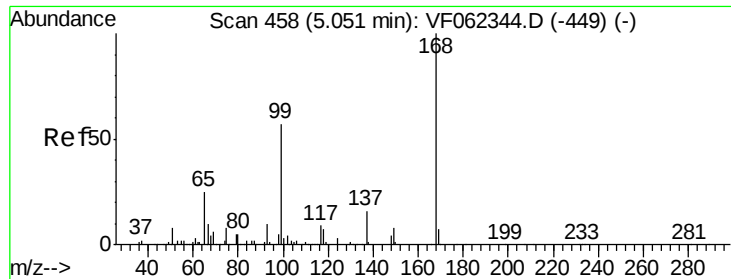
Instrument :
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Quant Time: May 10 08:28:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062408.D

Acq: 9 May 2019 21:02

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-A

Tot Ion:168 Resp: 163646

Ion Ratio Lower Upper

168 100

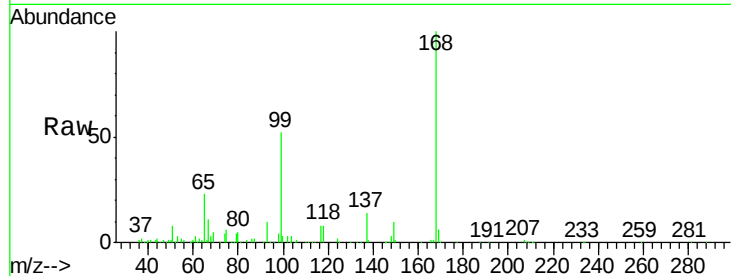
99 52.2 45.9 68.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.06

60000

50000

40000

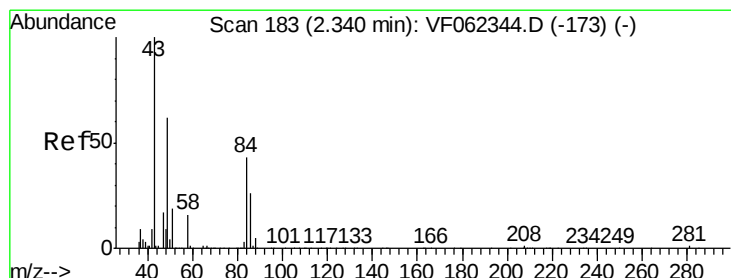
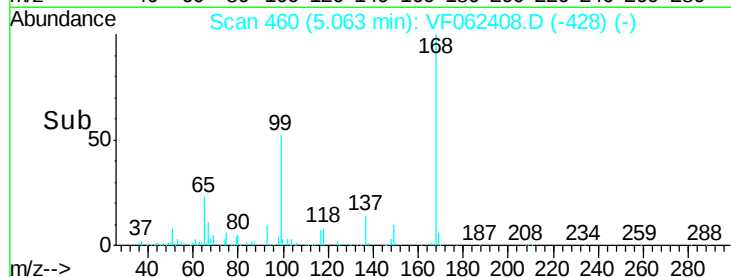
30000

20000

10000

0

Time-->



#20

Methylene Chloride

Concen: 6.621 ug/l m

RT: 2.33 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF062408.D

Acq: 9 May 2019 21:02

Tgt Ion: 84 Resp: 7494

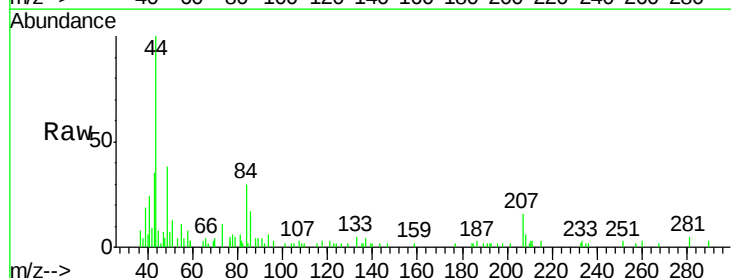
Ion Ratio Lower Upper

84 100

49 126.1 117.5 176.3

51 41.7 37.0 55.4

86 56.9 49.3 73.9



Abundance Ion 83.90 (83.60 to 84.60): VF0

Ion 48.90 (48.60 to 49.60): VF0

Ion 50.90 (50.60 to 51.60): VF0

Ion 85.90 (85.60 to 86.60): VF0

3000

2500

2000

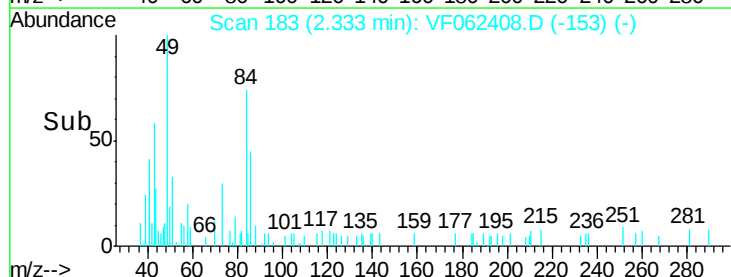
1500

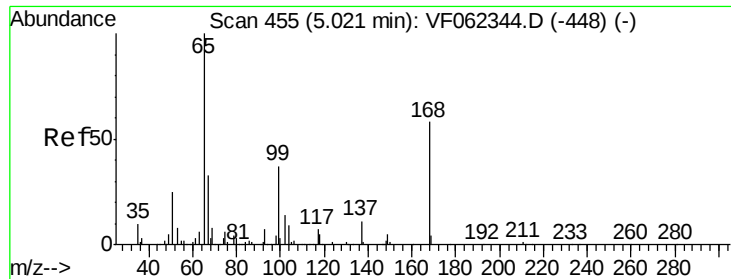
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 86.287 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF062408.D

Acq: 9 May 2019 21:02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	133445		
67	45.5	0.0	85.8	

Instrument :

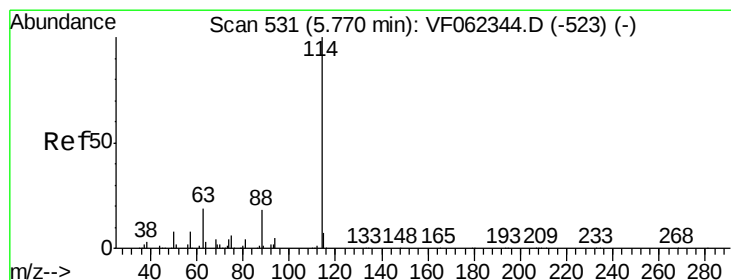
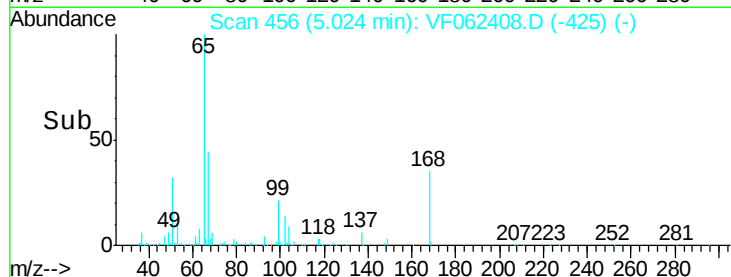
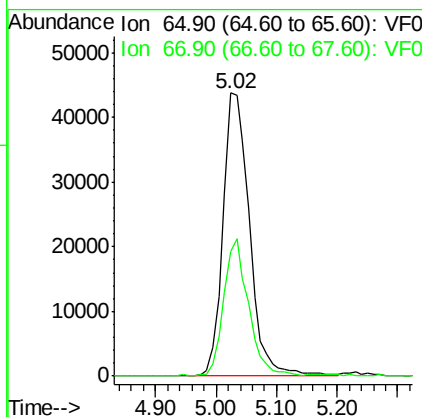
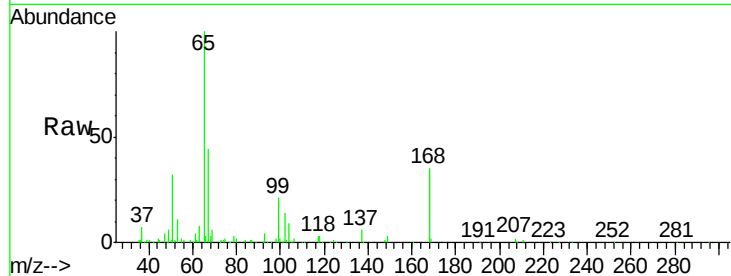
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

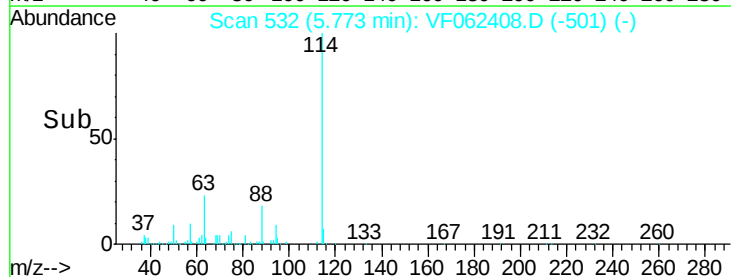
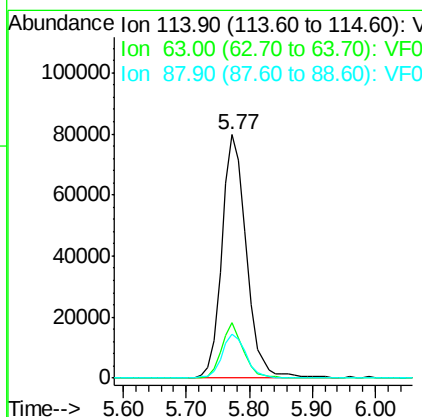
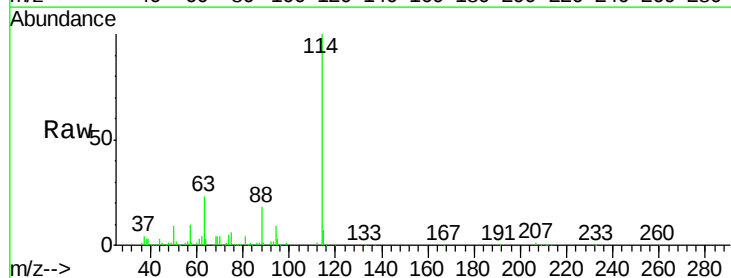
RT: 5.77 min Scan# 532

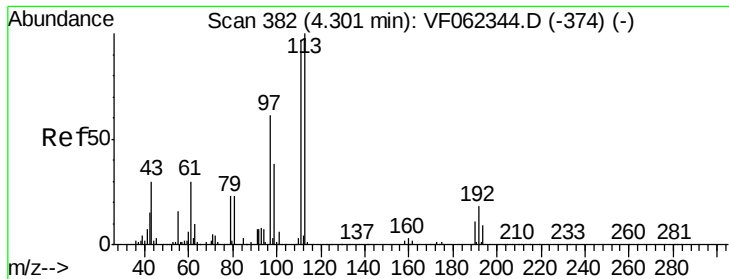
Delta R.T. 0.00 min

Lab File: VF062408.D

Acq: 9 May 2019 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	215536		
63	22.9	0.0	37.4	
88	18.2	0.0	36.4	





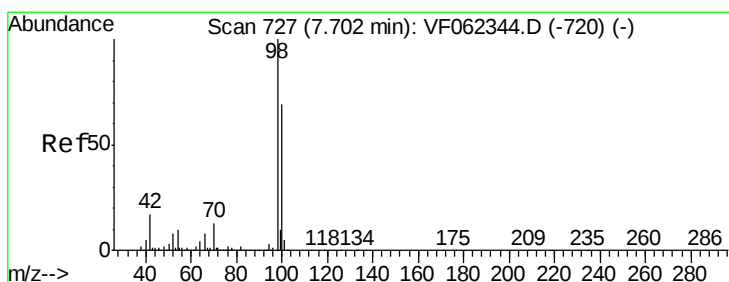
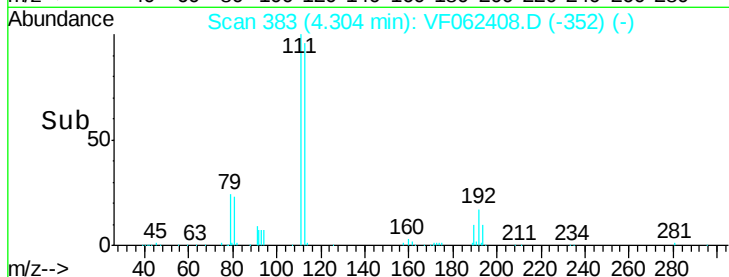
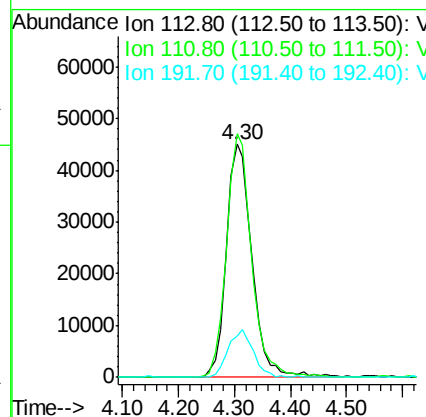
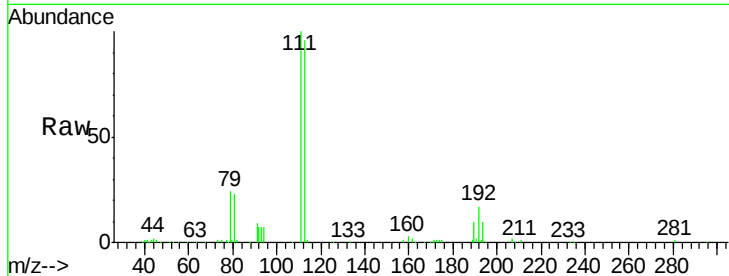
#35
 Dibromofluoromethane
 Concen: 83.249 ug/l
 RT: 4.30 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VF062408.D
 Acq: 9 May 2019 21:02

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-050719-A

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	79.4	119.0
192	20.2	16.0	24.0

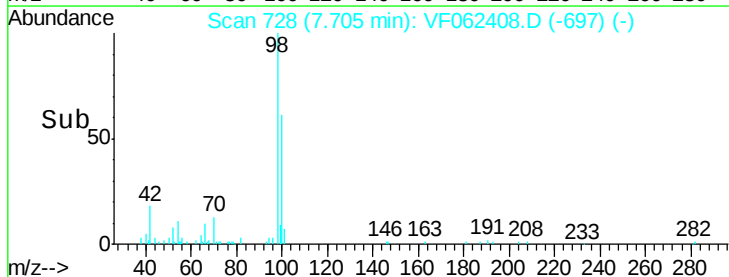
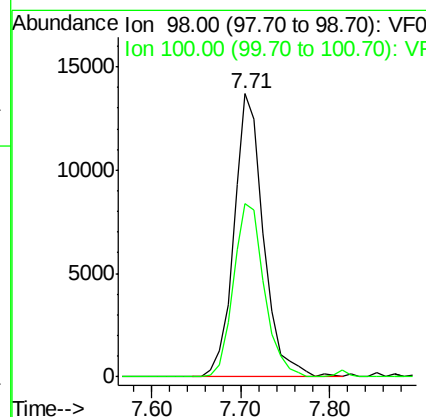
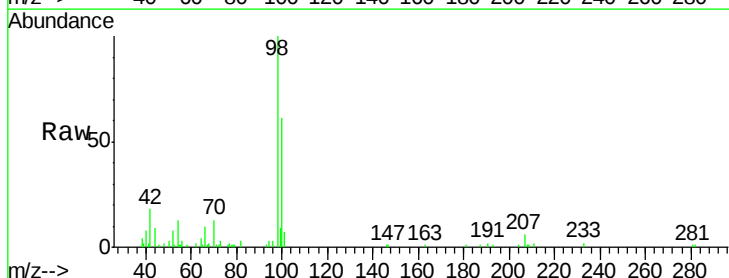
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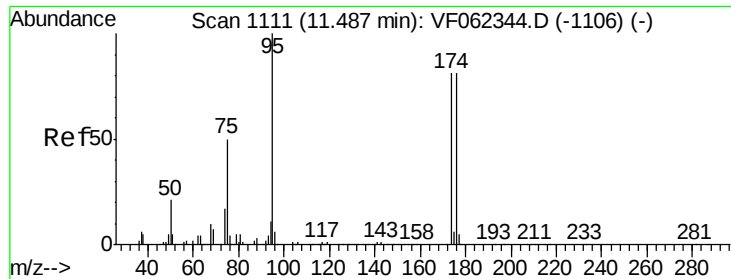
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#50
 Toluene-d8
 Concen: 7.621 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VF062408.D
 Acq: 9 May 2019 21:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.3	79.9





#62

4-Bromofluorobenzene

Concen: 38.542 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VF062408.D

Acq: 9 May 2019 21:02

Instrument :

MSVOA_F

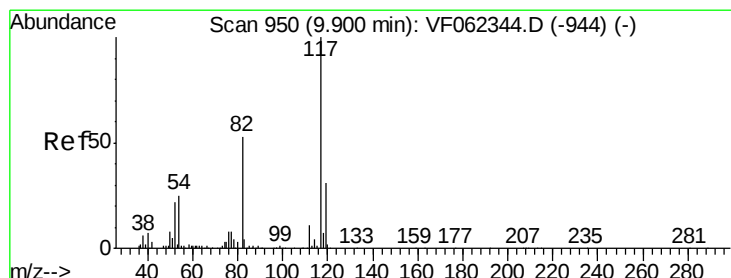
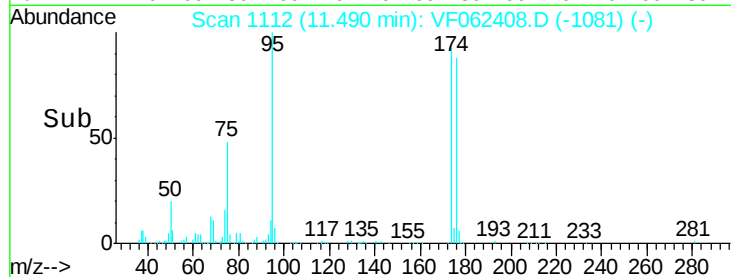
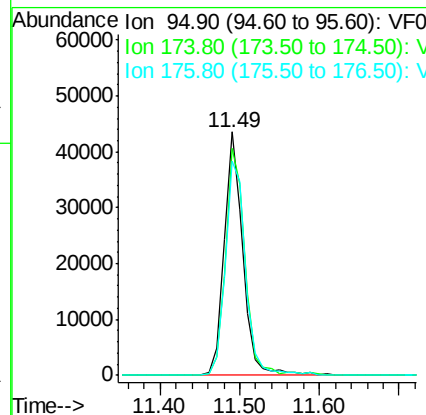
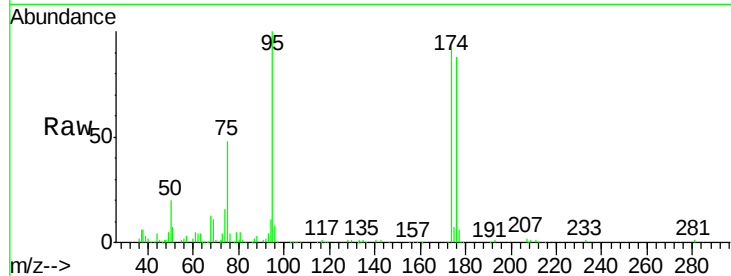
ClientSampleId :

PL-02-050719-A

Tot Ion:	95	Resp:	72277
Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	191.8
176	95.9	0.0	193.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

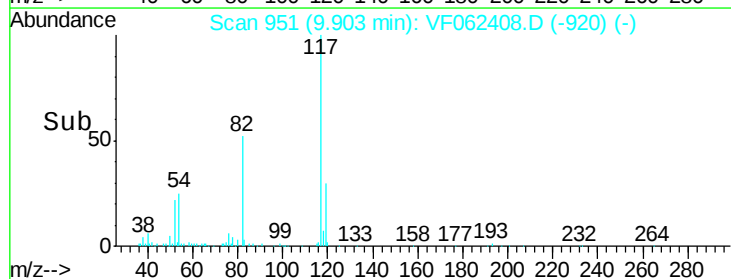
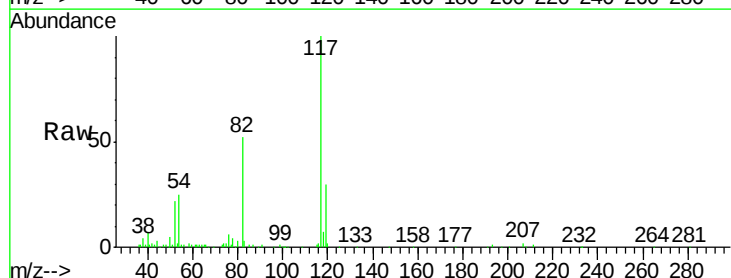
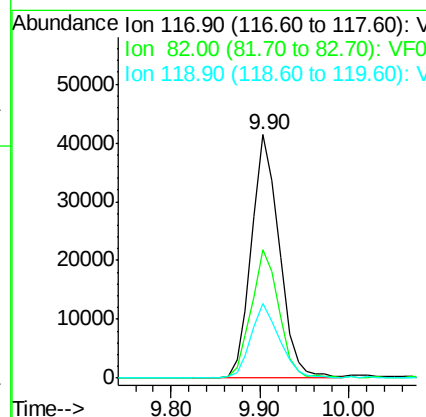
RT: 9.90 min Scan# 951

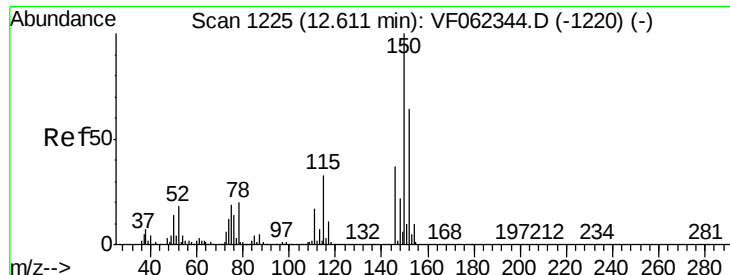
Delta R.T. 0.00 min

Lab File: VF062408.D

Acq: 9 May 2019 21:02

Tgt Ion:	117	Resp:	89648
Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.2	63.2
119	30.4	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.60 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062408.D

Acq: 9 May 2019 21:02

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-A

Tot Ion:152 Resp: 64612

Ion Ratio Lower Upper

152 100

115 55.4 26.4 79.2

150 154.3 0.0 335.0

Manual Integrations

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