

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062421.D
 Acq On : 10 May 2019 14:11
 Operator : FY/SY
 Sample : K2641-01RE
 Misc : 5.87g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-050719-ARE

Manual Integrations
 APPROVED

Quant Time: May 10 15:09:22 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	5.07	168	405808	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	552137	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	413693	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	230882	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.04	65	194315	50.67	ug/l	0.02
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	4.32	113	237650	54.03	ug/l	0.02
Spiked Amount	50.000		Recovery	=	108.06%	
50) Toluene-d8	7.72	98	498430	46.81	ug/l	0.02
Spiked Amount	50.000		Recovery	=	93.62%	
62) 4-Bromofluorobenzene	11.50	95	212342	44.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.40%	

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Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.36	84	19892m	7.087	ug/l	

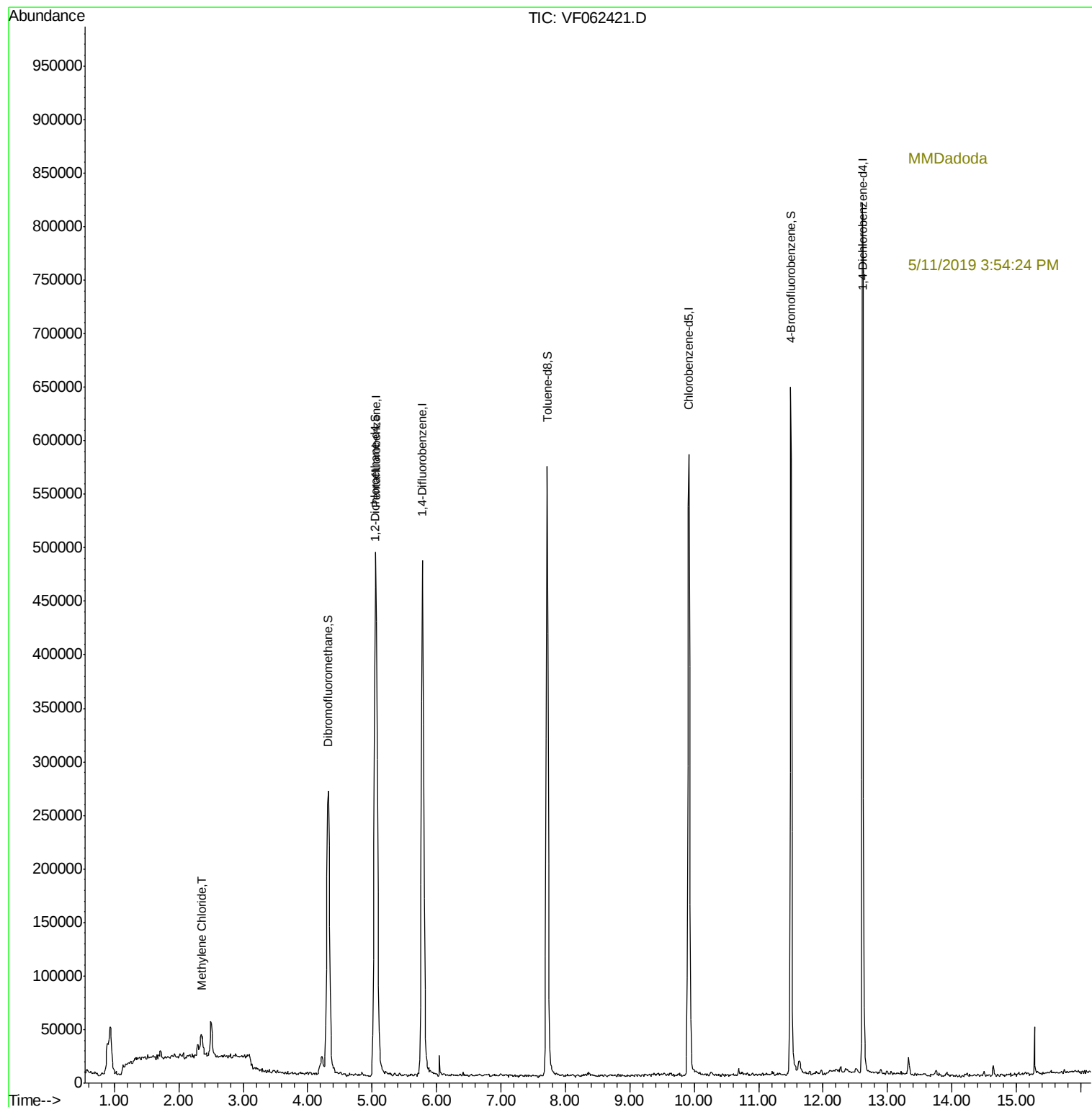
(#) = qualifier out of range (m) = manual integration (+) = signals summed

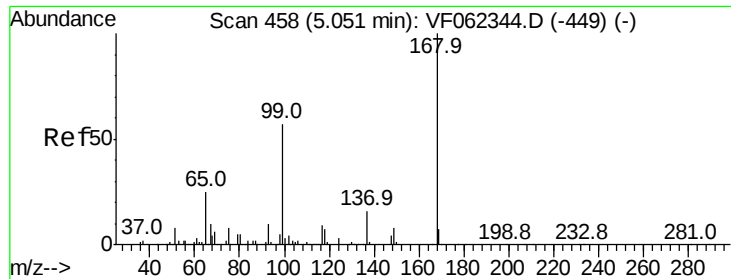
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051019\
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Quant Time: May 10 15:09:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.02 min

Lab File: VF062421.D

Acq: 10 May 2019 14:11

Instrument :

MSVOA_F

ClientSampleId :

CL-02-050719-ARE

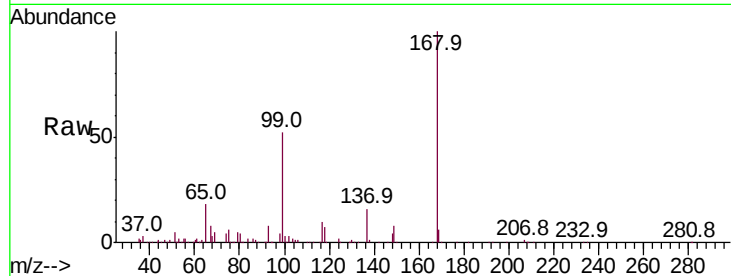
Tot Ion:168 Resp: 405808

Ion Ratio Lower Upper

168 100

99 52.4 45.9 68.9

Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.07

150000

100000

50000

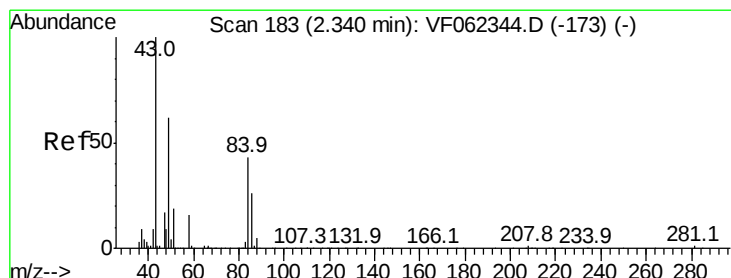
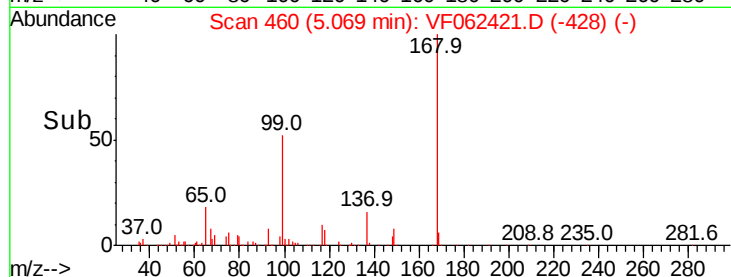
0

4.90 5.00 5.10 5.20 5.30

Time-->

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#20

Methylene Chloride

Concen: 7.087 ug/l m

RT: 2.36 min Scan# 185

Delta R.T. 0.02 min

Lab File: VF062421.D

Acq: 10 May 2019 14:11

Tgt Ion: 84 Resp: 19892

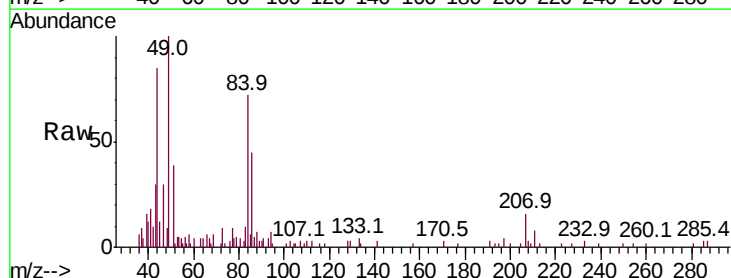
Ion Ratio Lower Upper

84 100

49 138.8 117.5 176.3

51 54.4 37.0 55.4

86 62.3 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

8000

6000

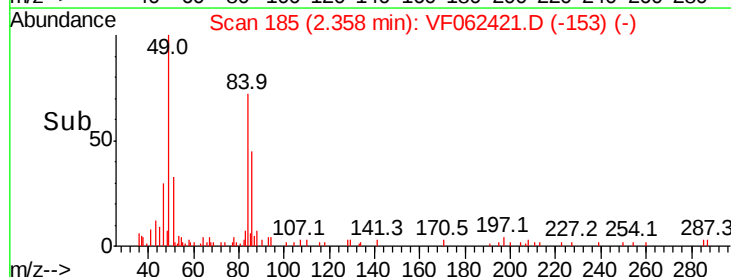
4000

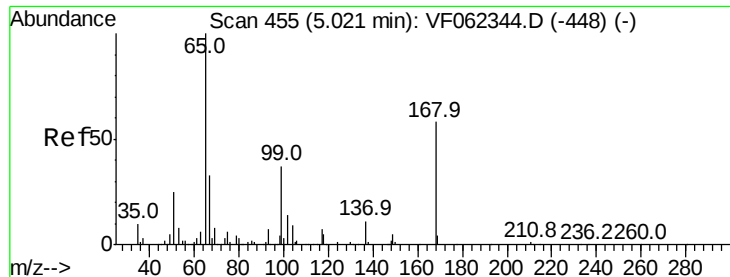
2000

0

2.20 2.30 2.40 2.50

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.668 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062421.D

Acq: 10 May 2019 14:11

Instrument :

MSVOA_F

ClientSampleId :

CL-02-050719-ARE

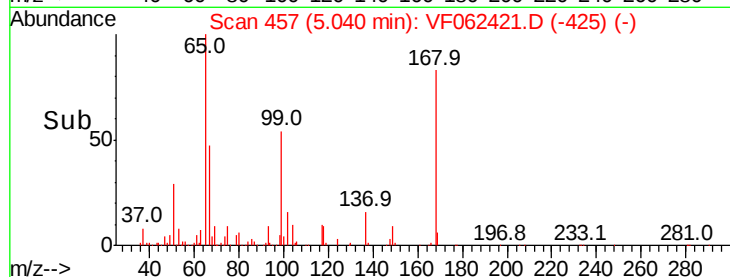
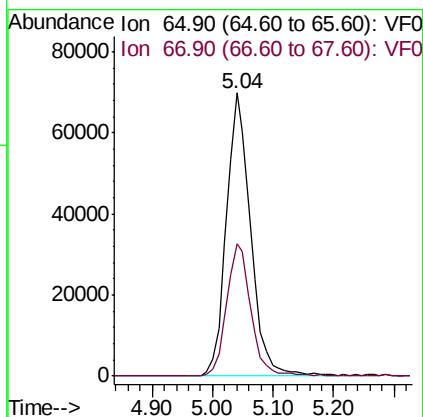
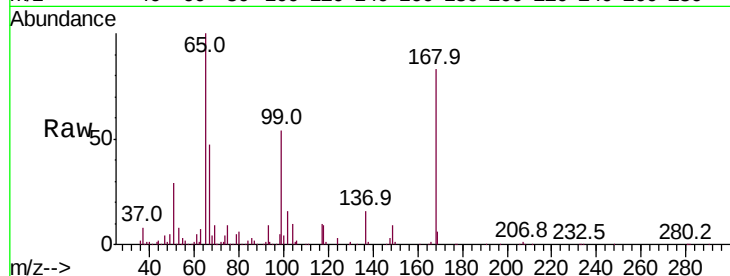
Tot Ion: 65 Resp: 194315

Ion Ratio Lower Upper

65 100

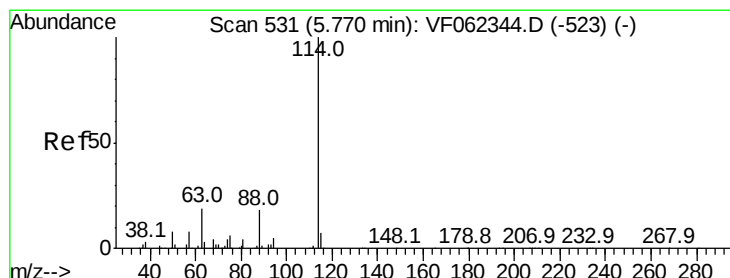
67 46.8 0.0 85.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062421.D

Acq: 10 May 2019 14:11

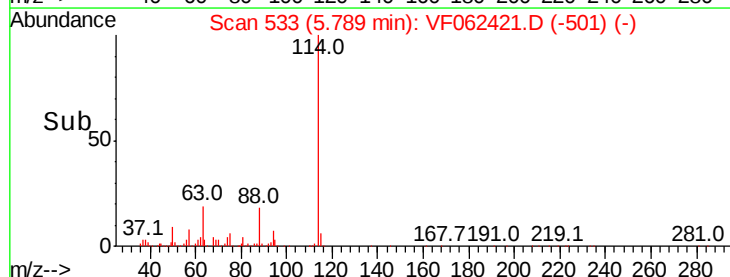
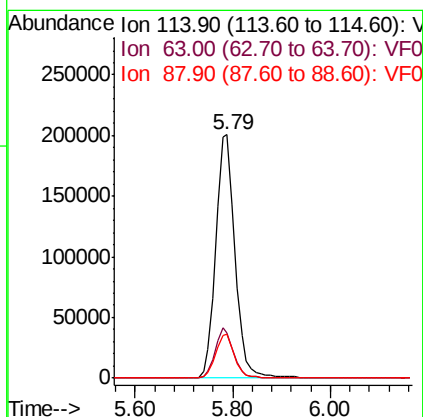
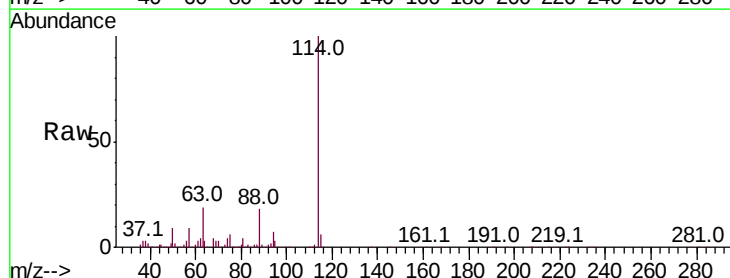
Tgt Ion: 114 Resp: 552137

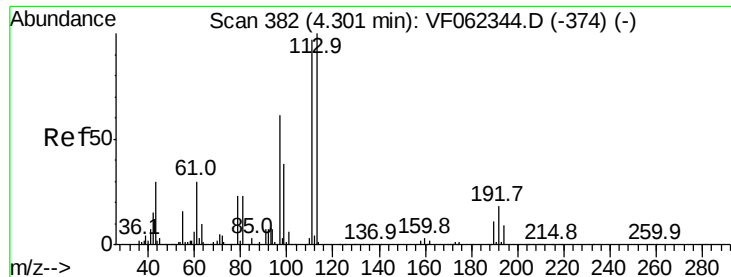
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

88 18.1 0.0 36.4



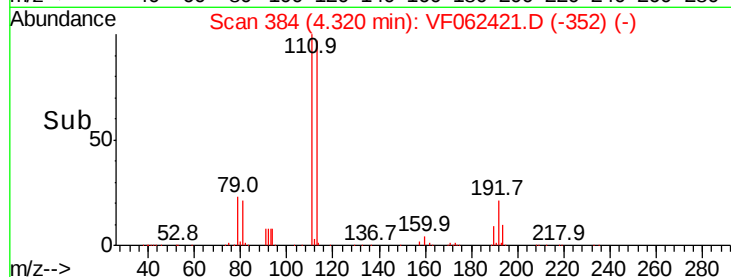
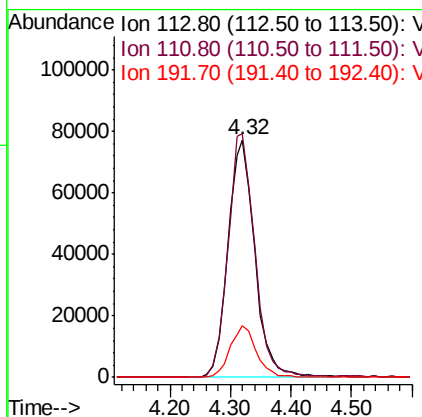
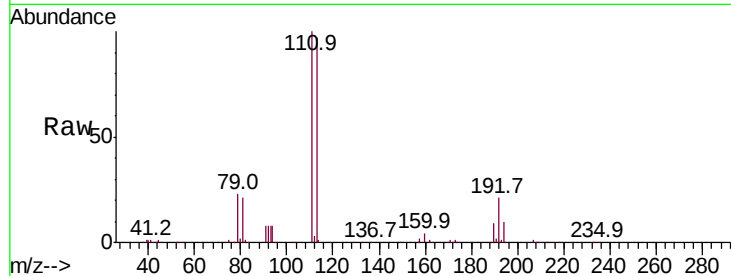


#35
Dibromofluoromethane
Concen: 54.026 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-ARE

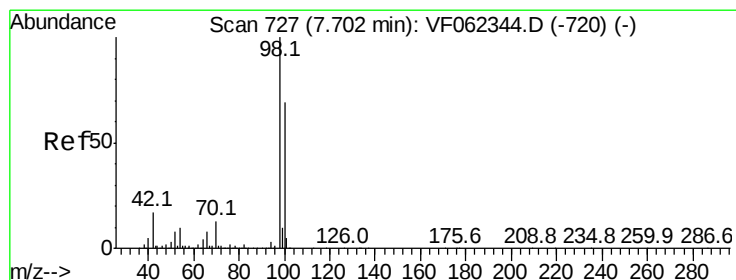
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	79.4	119.0
192	21.3	16.0	24.0

Manual Integrations
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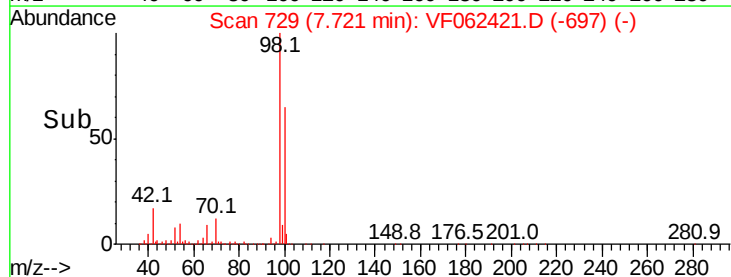
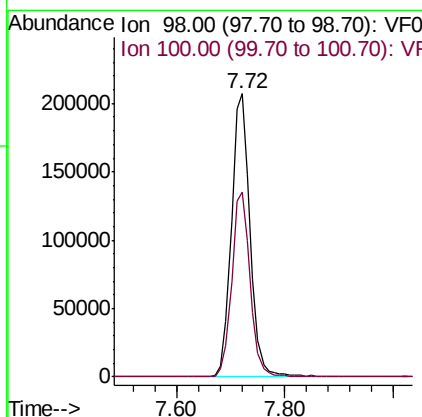
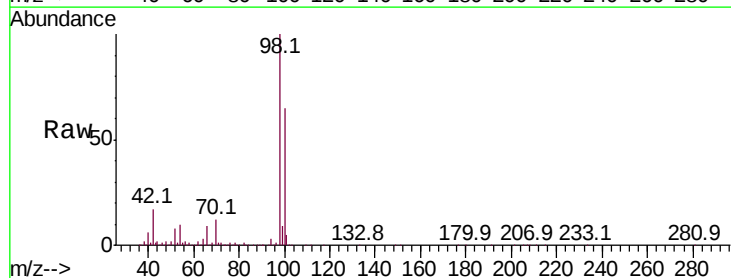
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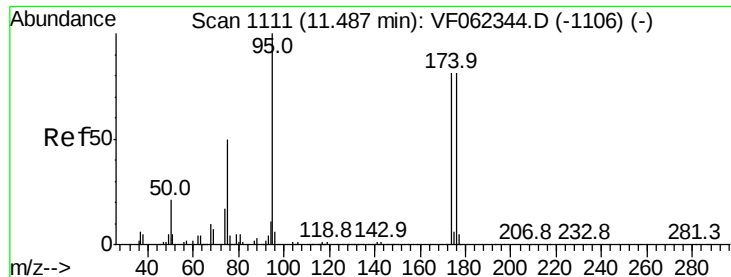
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#50
Toluene-d8
Concen: 46.810 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	53.3	79.9



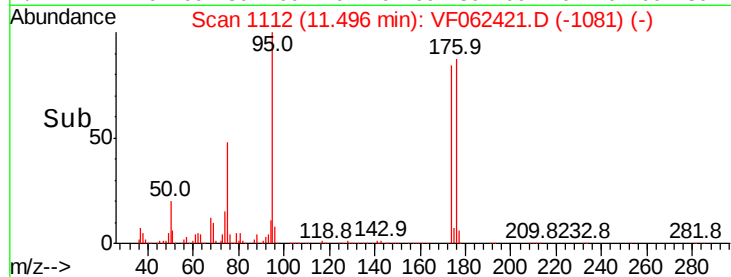
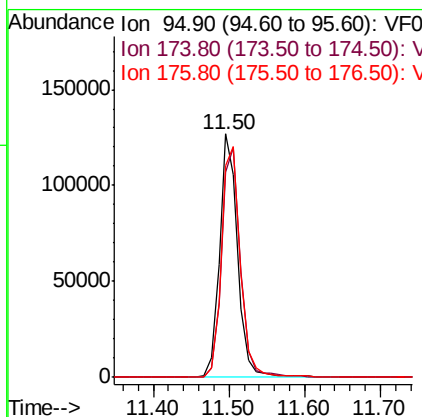
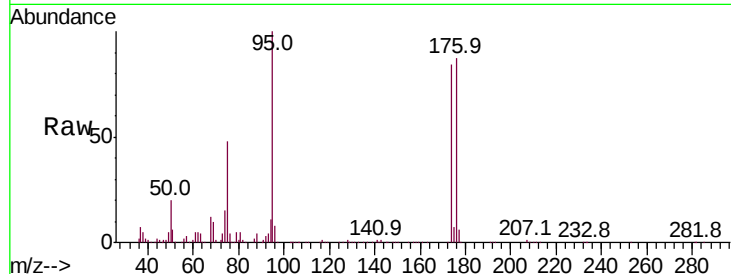


#62
4-Bromofluorobenzene
Concen: 44.202 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-ARE

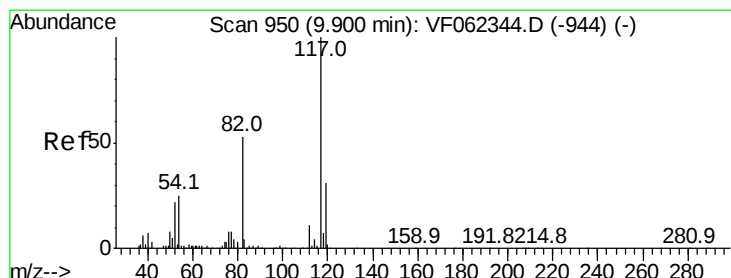
Tot Ion	Ratio	Resp	Lower	Upper
95	100	212342		
174	98.2	0.0	191.8	
176	99.0	0.0	193.2	

Manual Integrations
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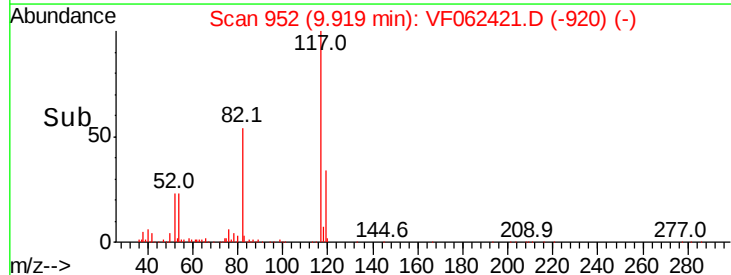
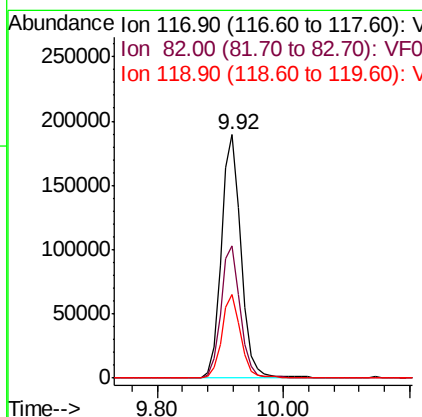
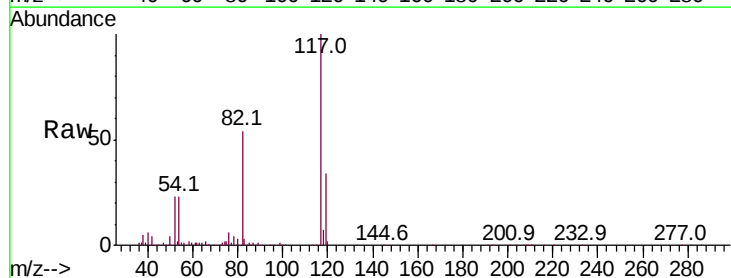
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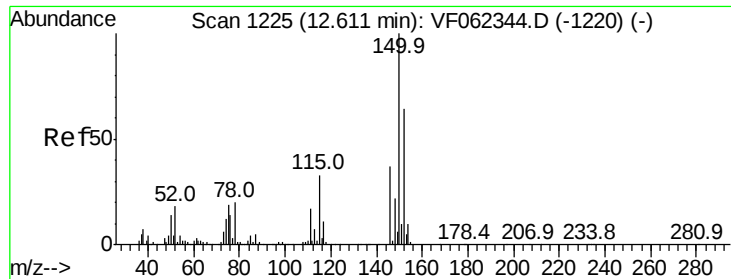
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	413693		
82	54.2	42.2	63.2	
119	34.4	25.0	37.4	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062421.D

Acq: 10 May 2019 14:11

Instrument :

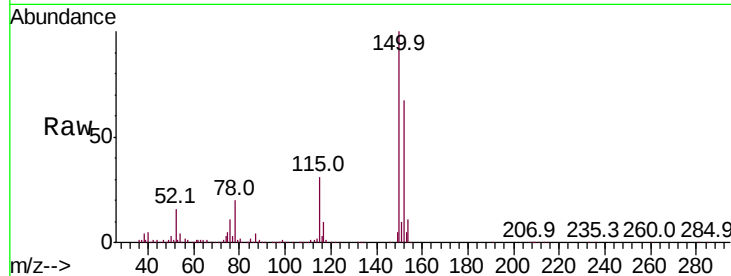
MSVOA_F

ClientSampleId :

CL-02-050719-ARE

Tot Ion:	152	Resp:	230882
Ion Ratio	Lower	Upper	
152	100		
115	54.1	26.4	79.2
150	153.6	0.0	335.0

Manual Integrations
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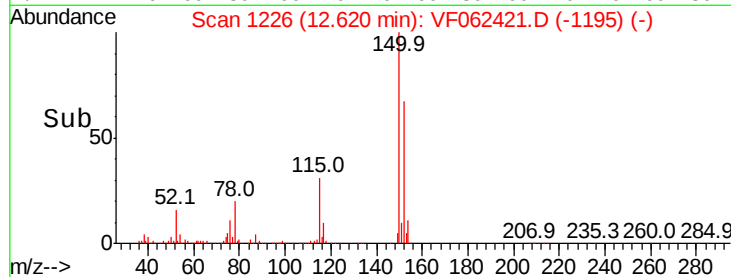
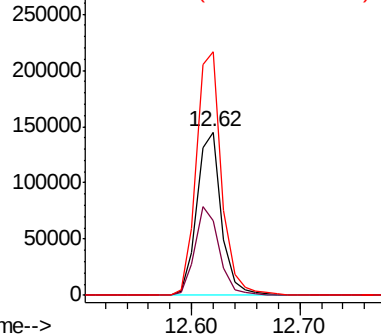


Abundance

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



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