

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062437.D
 Acq On : 11 May 2019 00:26
 Operator : FY/SY
 Sample : K2729-03
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-4

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 3:48:43 PM

Quant Time: May 11 06:26:34 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	198712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	267604	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	127909	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	32301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	140319	74.72	ug/l	0.02
Spiked Amount 50.000			Recovery	=	149.44%	
35) Dibromofluoromethane	4.31	113	39811	18.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.34%	
50) Toluene-d8	7.72	98	206805	40.07	ug/l	0.02
Spiked Amount 50.000			Recovery	=	80.14%	
62) 4-Bromofluorobenzene	11.50	95	51986	22.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.66%	
Target Compounds						
16) Acetone	2.36	43	22241	58.546	ug/l #	88
20) Methylene Chloride	2.34	84	9658m	7.027	ug/l	
52) Toluene	7.78	92	6302	2.018	ug/l	83
95) Naphthalene	14.49	128	7097	5.924	ug/l #	90

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

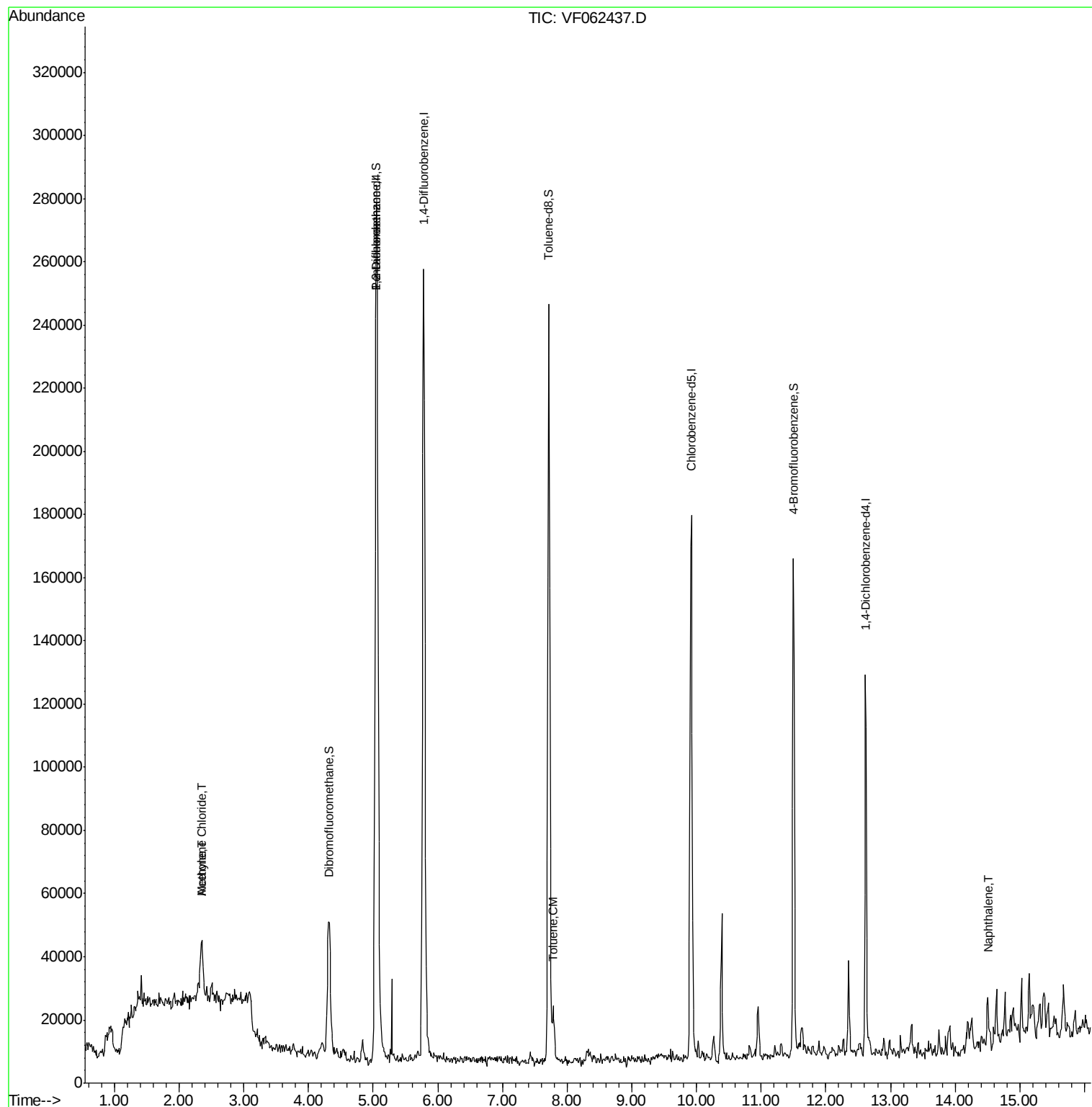
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051019\
Data File : VF062437.D
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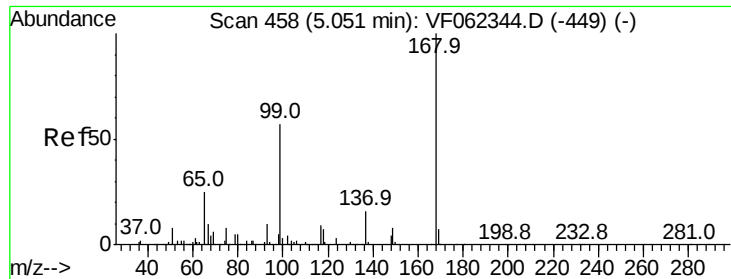
Instrument :
MSVOA_F
ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Instrument :

MSVOA_F

ClientSampled :

B-4

Tot Ion:168 Resp: 198712

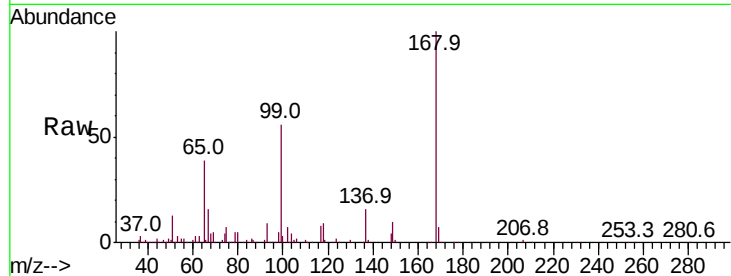
Ion Ratio Lower Upper

168 100

99 55.8 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

80000

60000

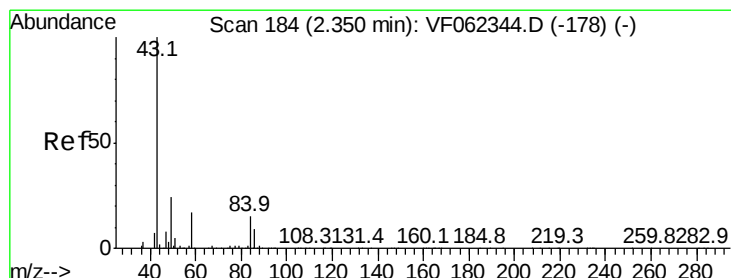
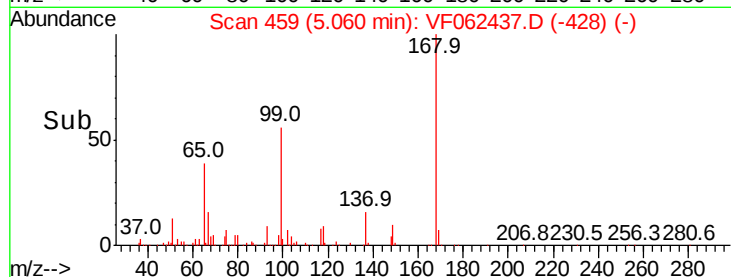
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 58.546 ug/l

RT: 2.36 min Scan# 185

Delta R.T. 0.01 min

Lab File: VF062437.D

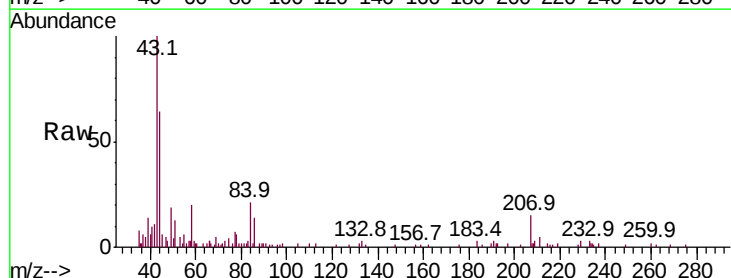
Acq: 11 May 2019 00:26

Tgt Ion: 43 Resp: 22241

Ion Ratio Lower Upper

43 100

58 21.3 13.1 19.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

8000

6000

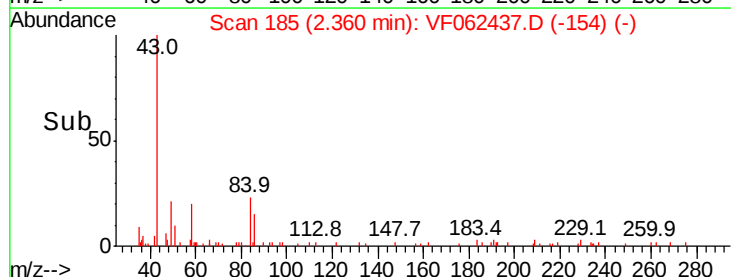
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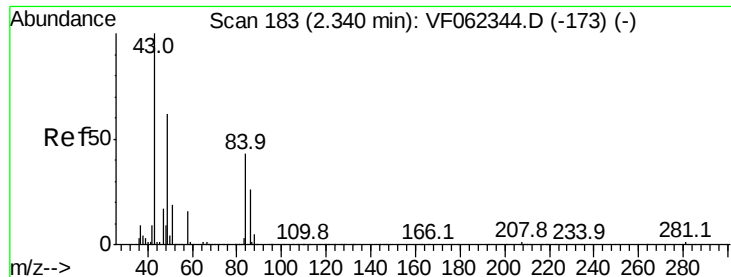
2000

0

Time-->

2.25 2.30 2.35 2.40 2.45





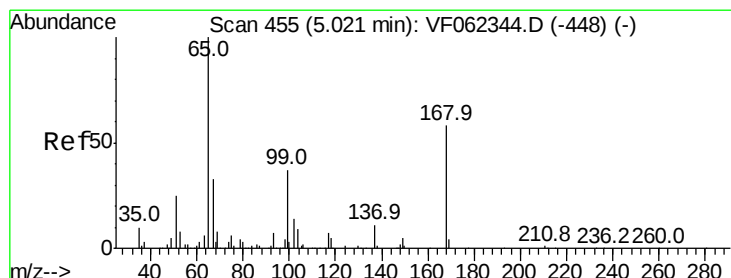
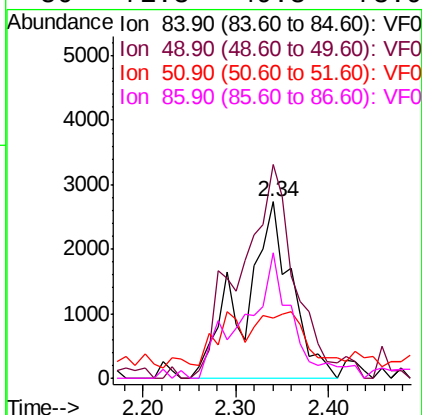
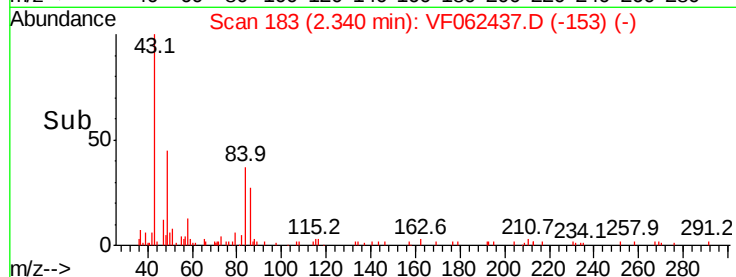
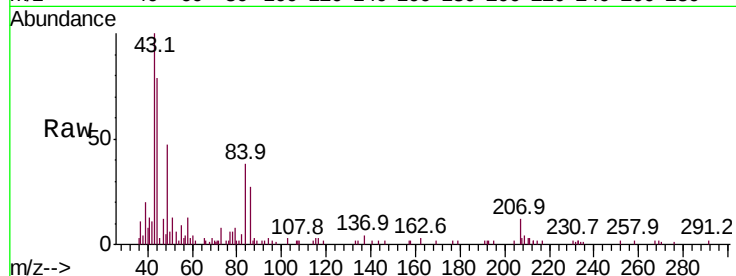
#20
Methvlene Chloride
Concen: 7.027 ug/l m
RT: 2.34 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF062437.D
Acq: 11 May 2019 00:26

Instrument :
MSVOA_F
ClientSampled :
B-4

Tot Ion	Ratio	Lower	Upper
84	100		
49	121.3	117.5	176.3
51	34.3	37.0	55.4#
86	71.3	49.3	73.9

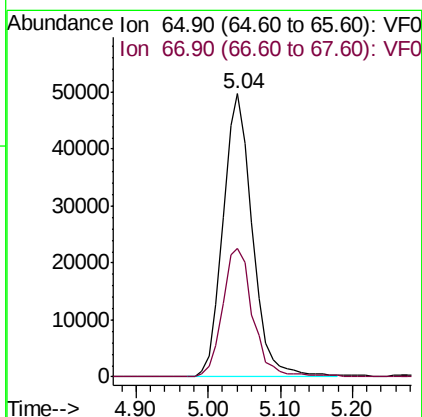
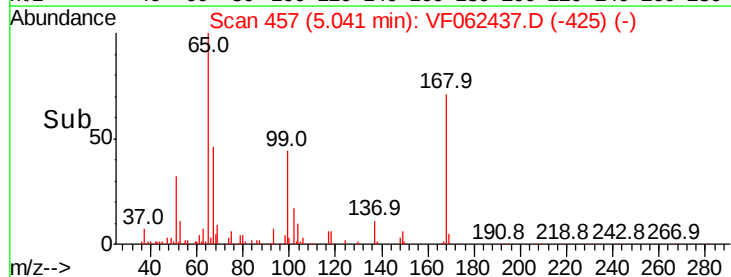
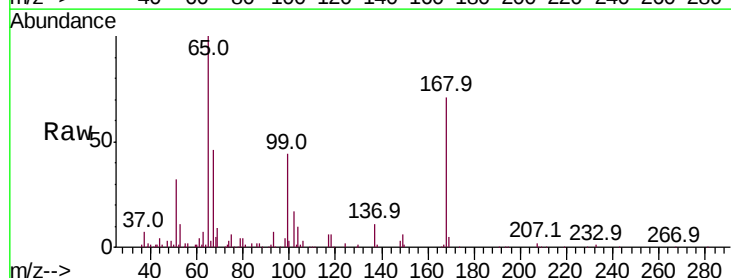
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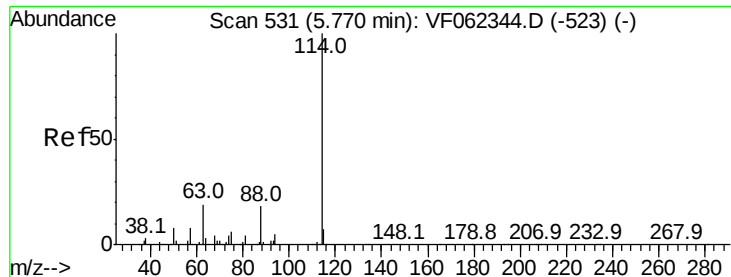
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#33
1,2-Dichloroethane-d4
Concen: 74.721 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.02 min
Lab File: VF062437.D
Acq: 11 May 2019 00:26

Tgt Ion	Ratio	Lower	Upper
65	100		
67	47.1	0.0	85.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.01 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Instrument :

MSVOA_F

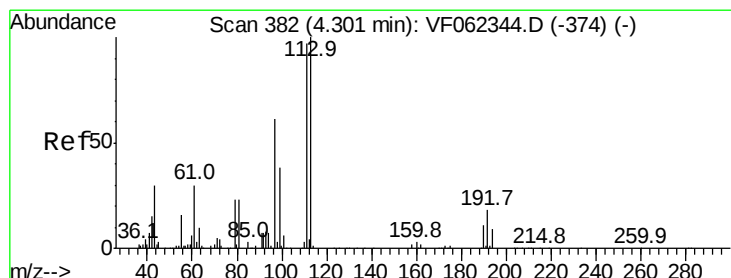
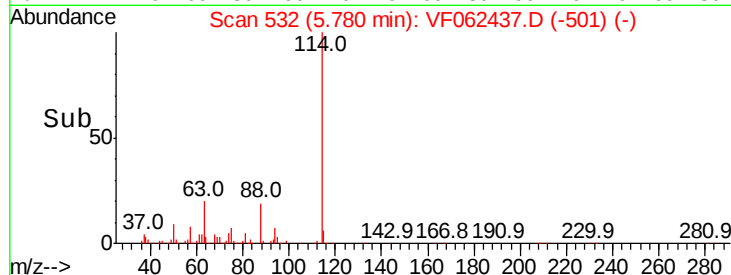
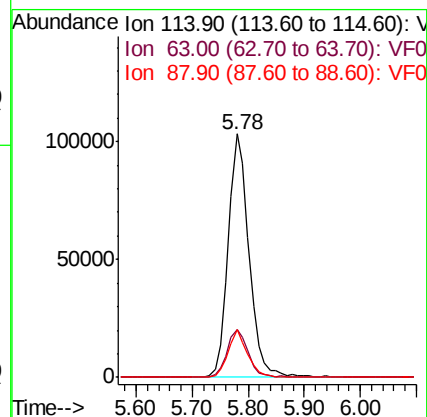
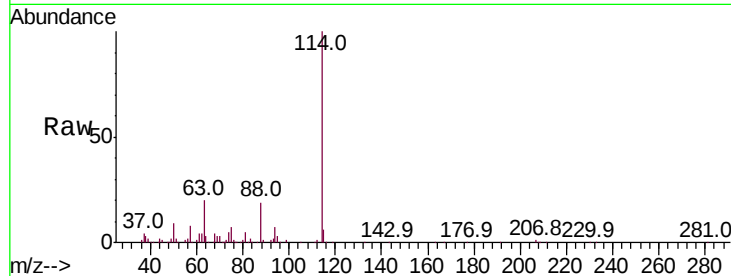
ClientSampled :

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Tot Ion:	114	Resp:	267604
Ion Ratio		Lower	Upper
114	100		
63	19.8	0.0	37.4
88	19.4	0.0	36.4

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#35

Dibromofluoromethane

Concen: 18.673 ug/l

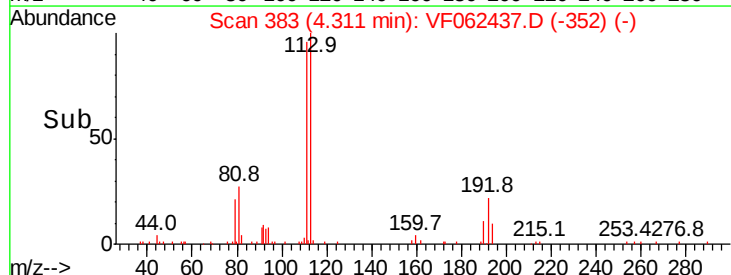
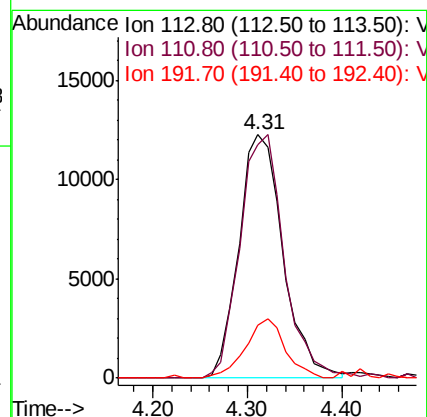
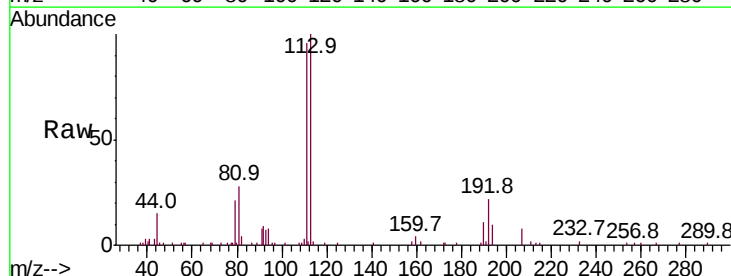
RT: 4.31 min Scan# 383

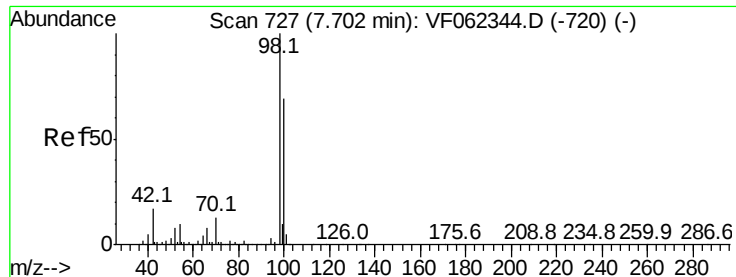
Delta R.T. 0.01 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Tgt Ion:	113	Resp:	39811
Ion Ratio		Lower	Upper
113	100		
111	100.0	79.4	119.0
192	22.0	16.0	24.0





#50

Toluene-d8

Concen: 40.073 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.02 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Instrument :

MSVOA_F

ClientSampled :

B-4

Tot Ion: 98 Resp: 206805

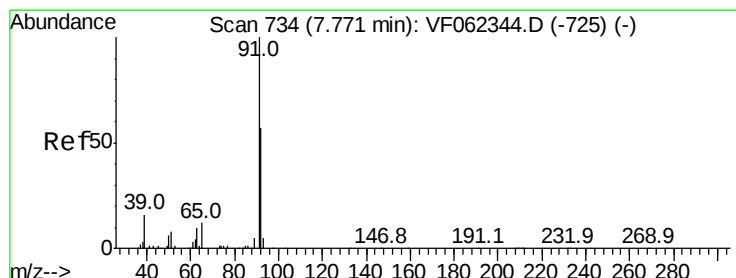
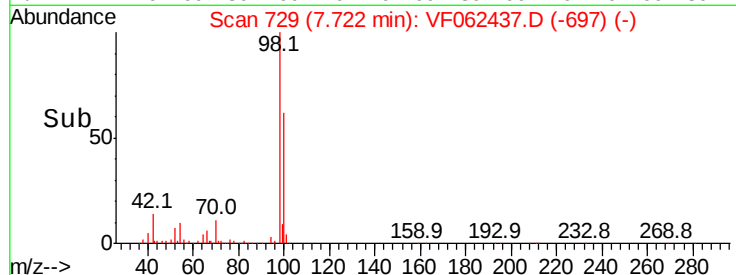
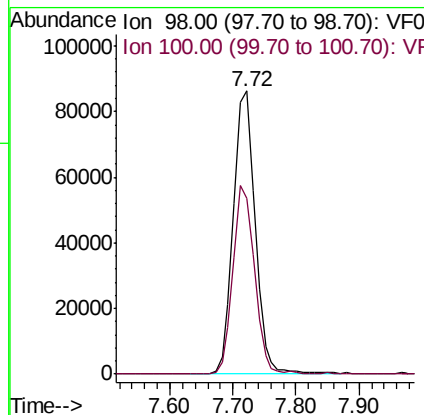
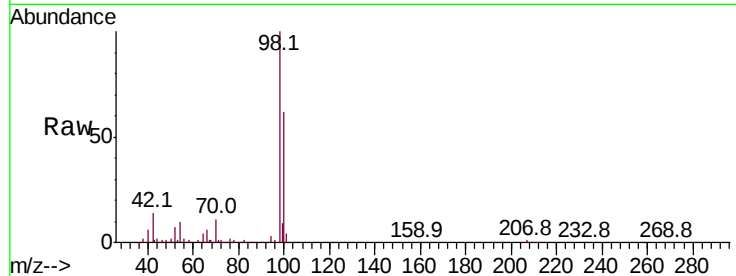
Ion Ratio Lower Upper

98 100

100 65.6 53.3 79.9

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#52

Toluene

Concen: 2.018 ug/l

RT: 7.78 min Scan# 735

Delta R.T. 0.01 min

Lab File: VF062437.D

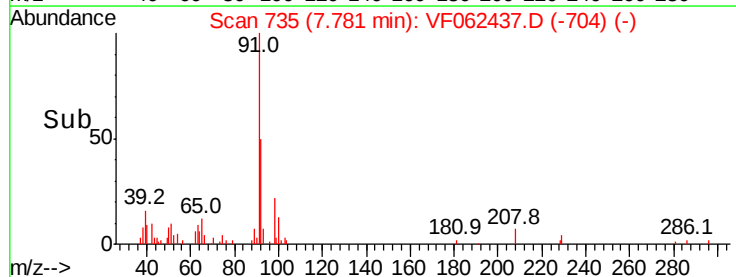
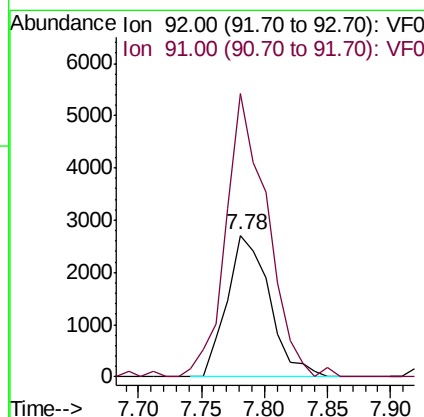
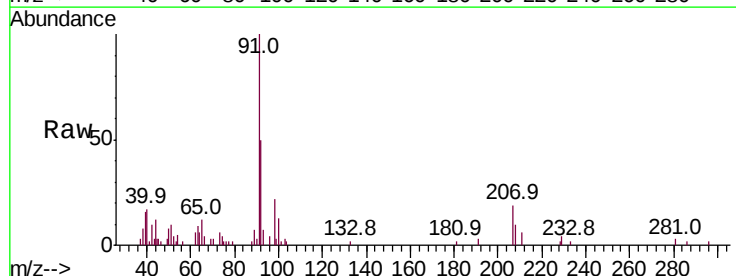
Acq: 11 May 2019 00:26

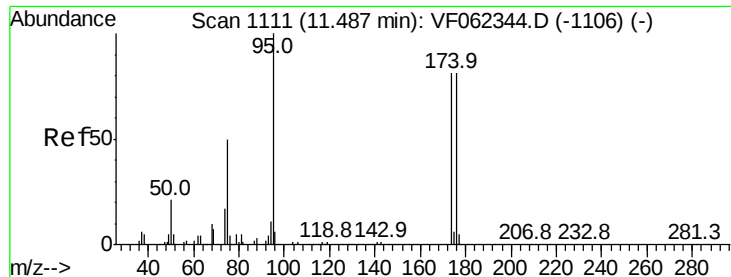
Tgt Ion: 92 Resp: 6302

Ion Ratio Lower Upper

92 100

91 196.3 138.7 208.1





#62

4-Bromofluorobenzene

Concen: 22.328 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Instrument :

MSVOA_F

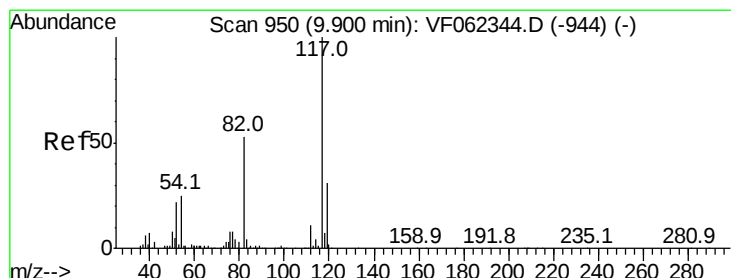
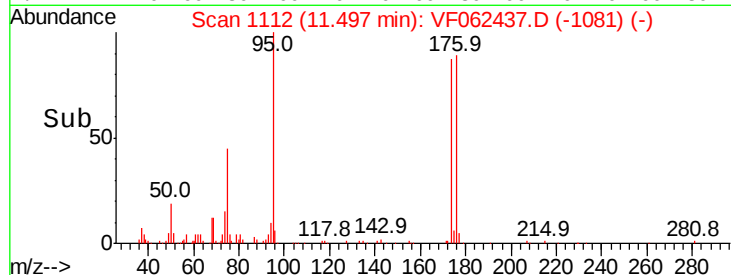
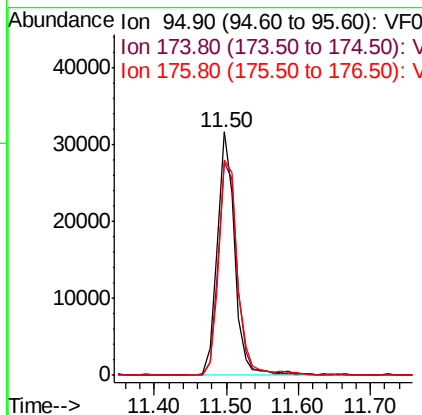
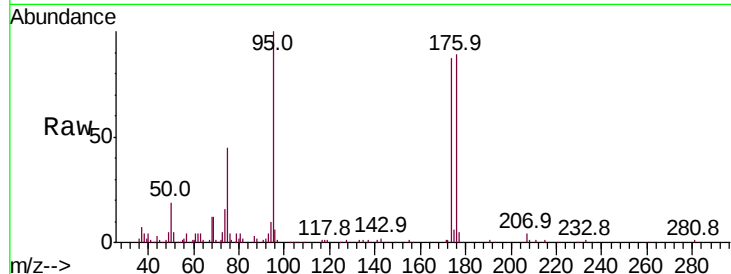
ClientSampleId :

B-4

Tot Ion:	95	Resp:	51986
Ion Ratio	Lower	Upper	
95	100		
174	94.6	0.0	191.8
176	97.7	0.0	193.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

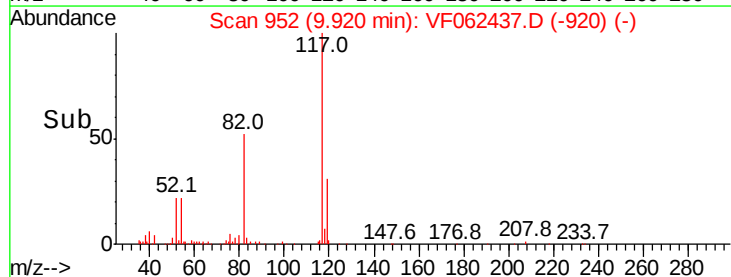
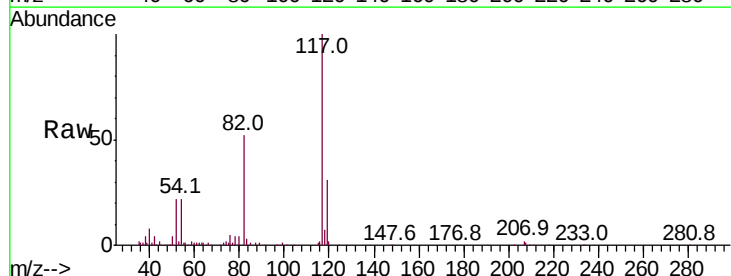
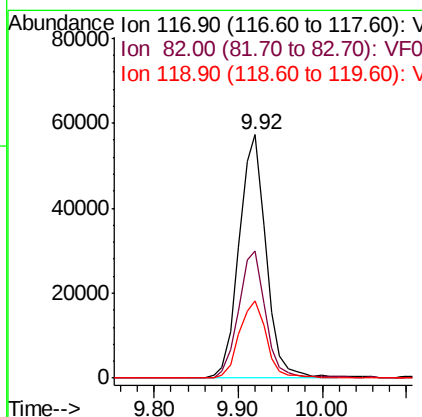
RT: 9.92 min Scan# 952

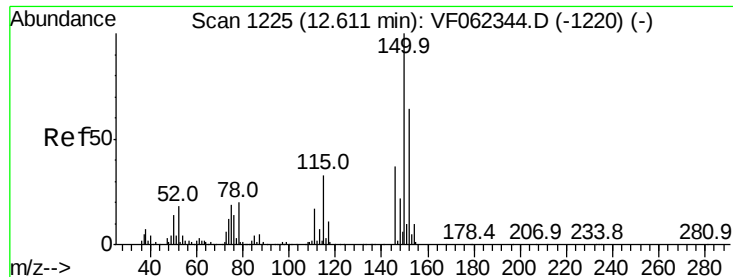
Delta R.T. 0.02 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Tgt Ion:	117	Resp:	127909
Ion Ratio	Lower	Upper	
117	100		
82	52.0	42.2	63.2
119	31.5	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Instrument :

MSVOA_F

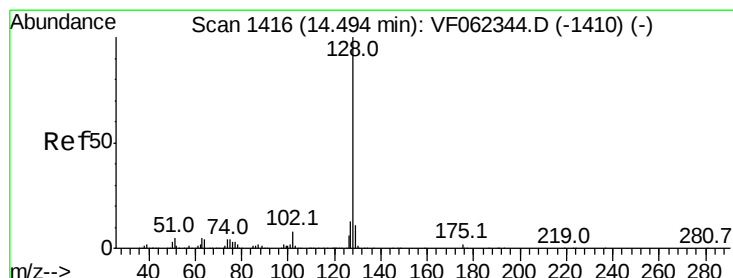
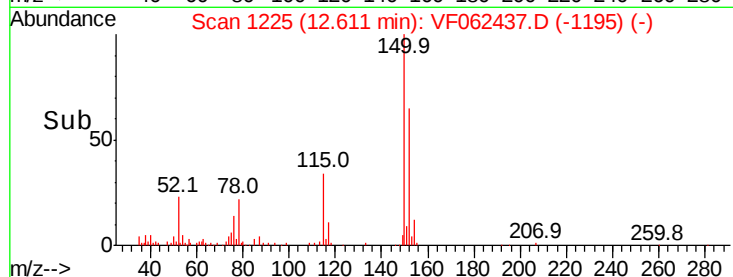
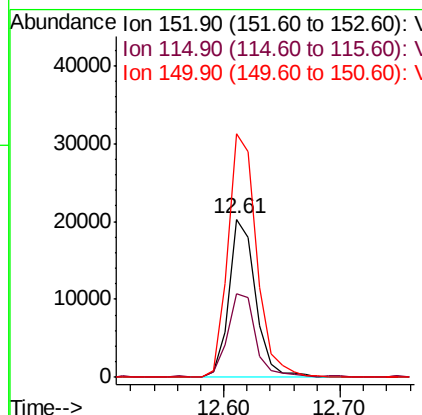
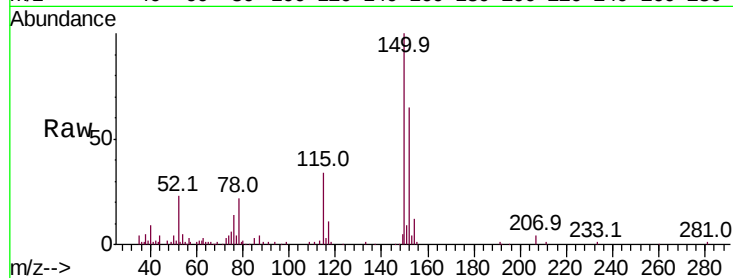
ClientSampleId :

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Tot Ion:	152	Resp:	32301
Ion Ratio	Lower	Upper	
152	100		
115	56.2	26.4	79.2
150	165.8	0.0	335.0

Manual Integrations
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#95

Naphthalene

Concen: 5.924 ug/l

RT: 14.49 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Tgt Ion:	128	Resp:	7097
Ion Ratio	Lower	Upper	
128	100		
127	16.6	10.5	15.7#
129	15.2	8.6	12.8#

