

Data File : VF062471.D
Acq On : 11 May 2019 20:23
Operator : FY/SY
Sample : K2734-19
Misc : 5.87/5mL/MSVOA_F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1218-01

Manual Integrations
APPROVED

MMDadoda
5/12/2019 12:04:54 PM

Quant Time: May 12 04:48:37 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	147710	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	212614	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	152516	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	79516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.03	65	99988	71.63	ug/l	0.01
Spiked Amount 50.000			Recovery	=	143.26%	
35) Dibromofluoromethane	4.31	113	102011	60.22	ug/l	0.01
Spiked Amount 50.000			Recovery	=	120.44%	
50) Toluene-d8	7.72	98	119194	29.07	ug/l	0.01
Spiked Amount 50.000			Recovery	=	58.14%	
62) 4-Bromofluorobenzene	11.50	95	57997	31.35	ug/l	0.01
Spiked Amount 50.000			Recovery	=	62.70%	

Target Compounds					Qvalue
20) Methylene Chloride	2.34	84	6253m	6.120	ug/l

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

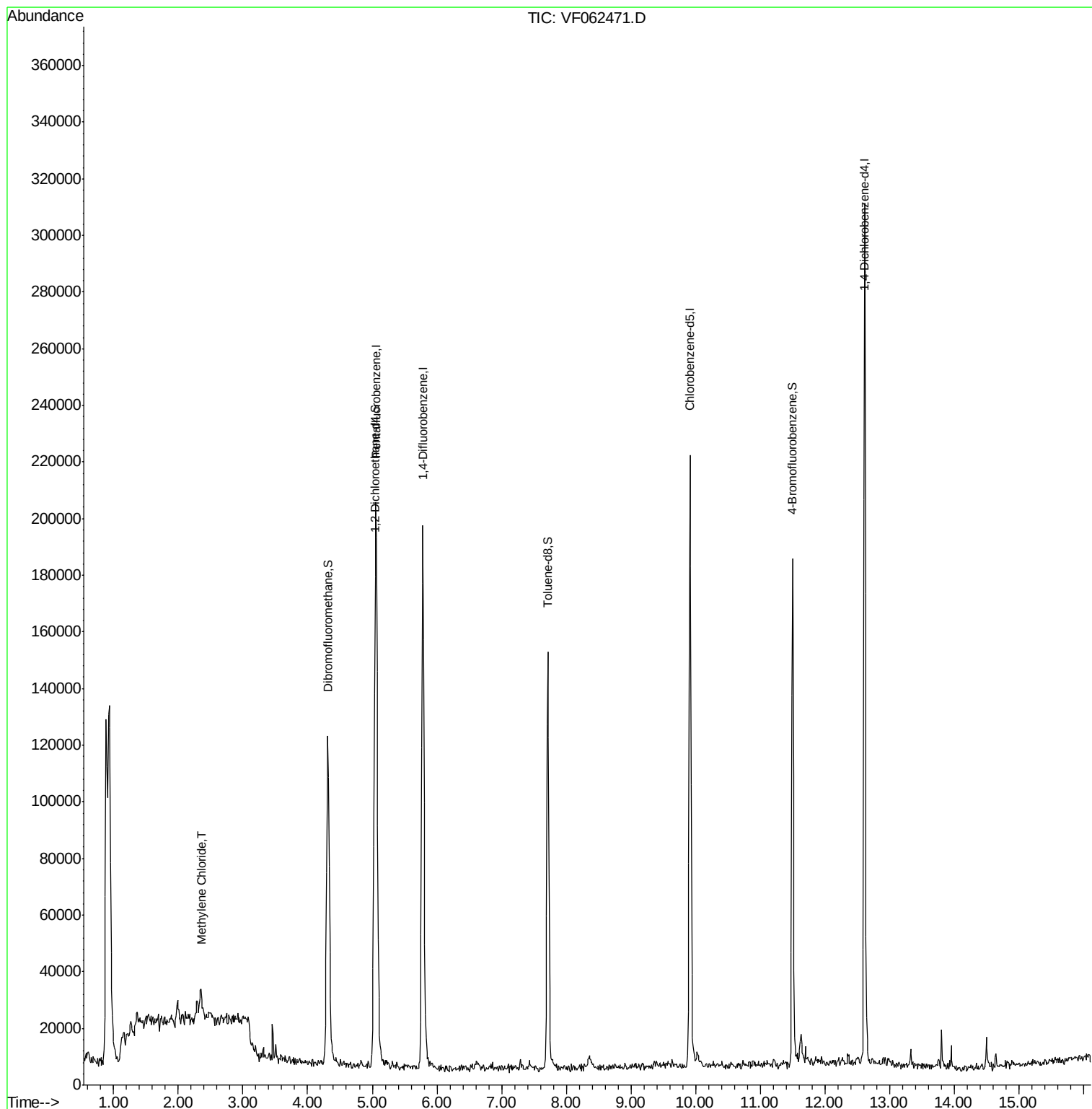
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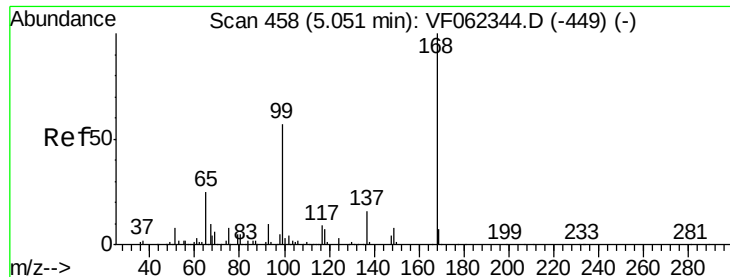
Instrument :
MSVOA_F
ClientSampleId :
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Quant Time: May 12 04:48:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062471.D

Acq: 11 May 2019 20:23

Instrument :

MSVOA_F

ClientSampleId :

P026-SS014-1218-01

Tgt Ion: 168 Resp: 147710

Ion Ratio Lower Upper

168 100

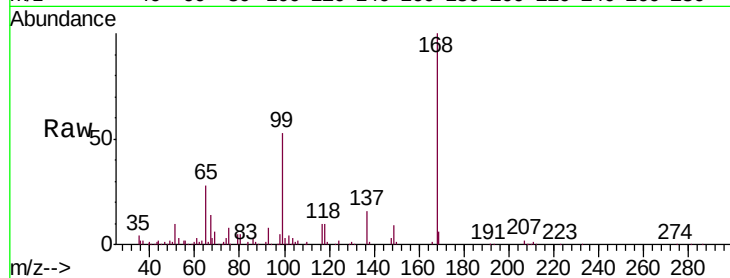
99 53.1 45.9 68.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

60000

50000

40000

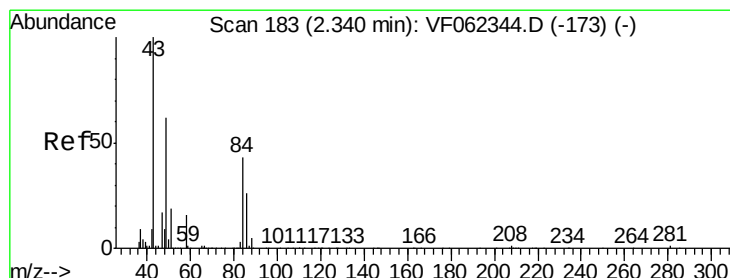
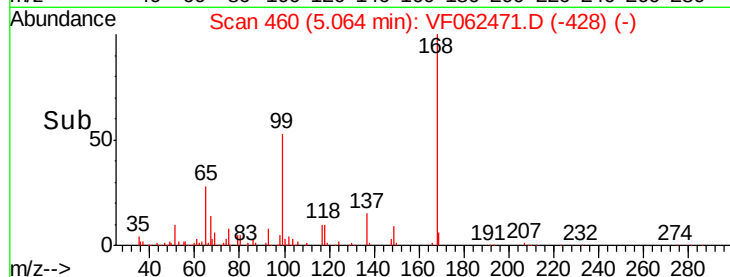
30000

20000

10000

0

Time-->



#20

Methylene Chloride

Concen: 6.120 ug/l m

RT: 2.34 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF062471.D

Acq: 11 May 2019 20:23

Tgt Ion: 84 Resp: 6253

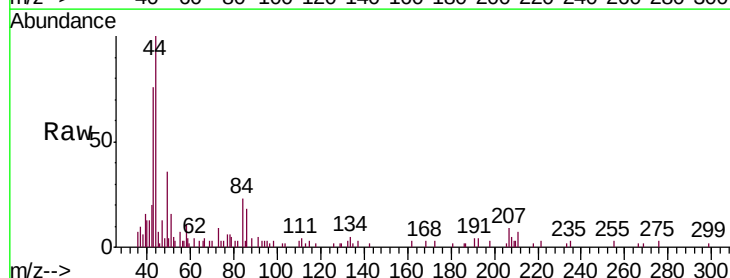
Ion Ratio Lower Upper

84 100

49 159.0 117.5 176.3

51 68.3 37.0 55.4#

86 80.0 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

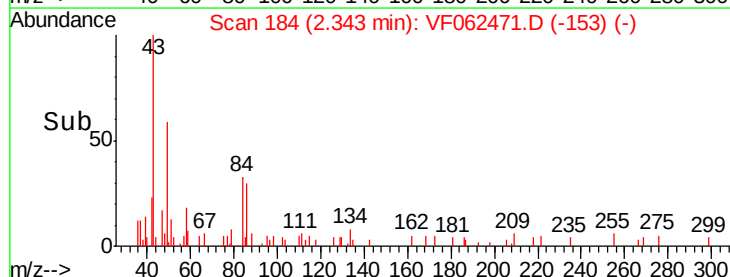
1500

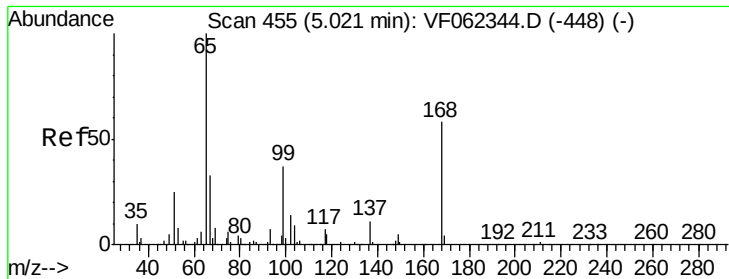
1000

500

0

Time-->





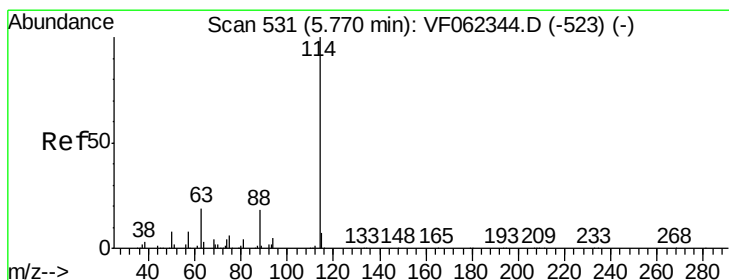
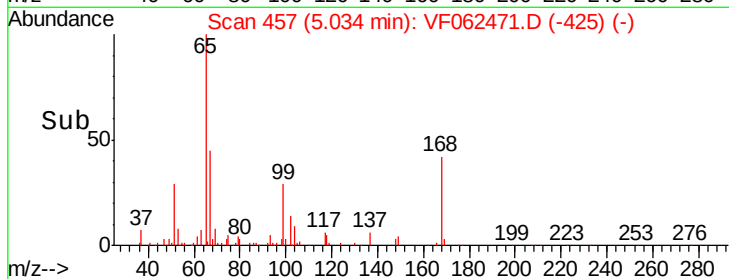
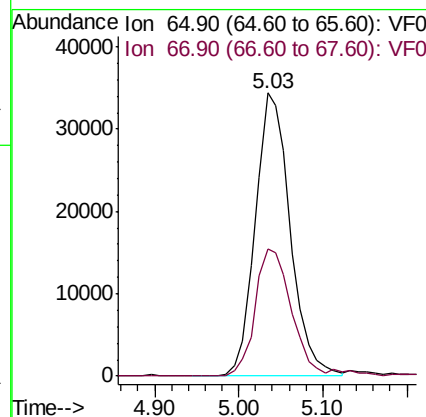
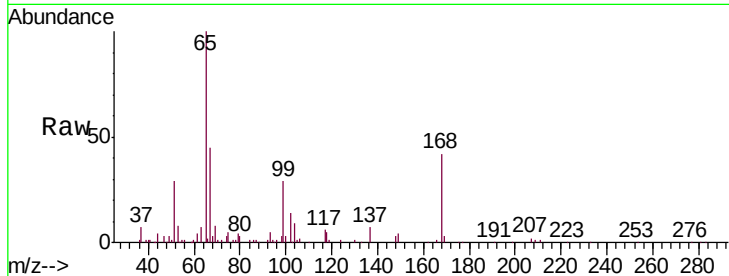
#33
 1,2-Dichloroethane-d4
 Concen: 71.629 ug/l
 RT: 5.03 min Scan# 457
 Delta R.T. 0.01 min
 Lab File: VF062471.D
 Acq: 11 May 2019 20:23

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS014-1218-01

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
67	46.1	0.0	85.8

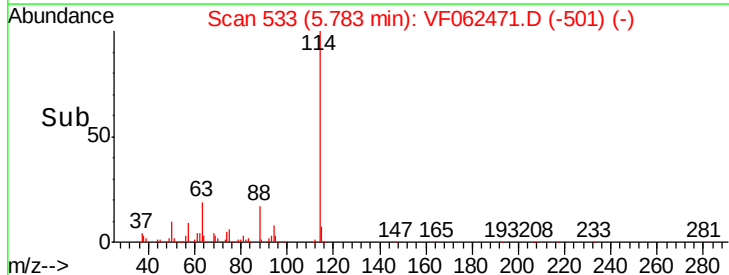
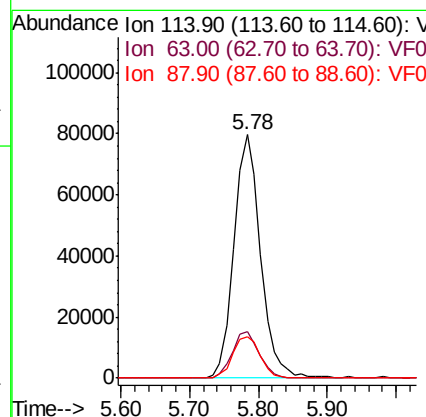
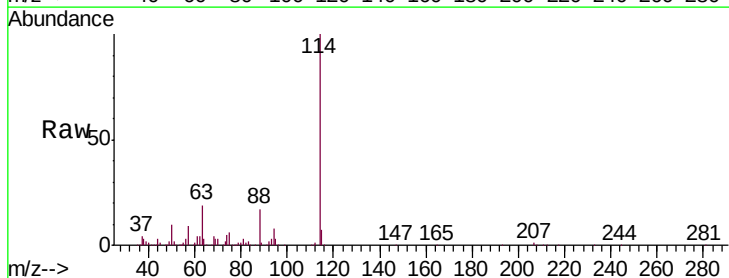
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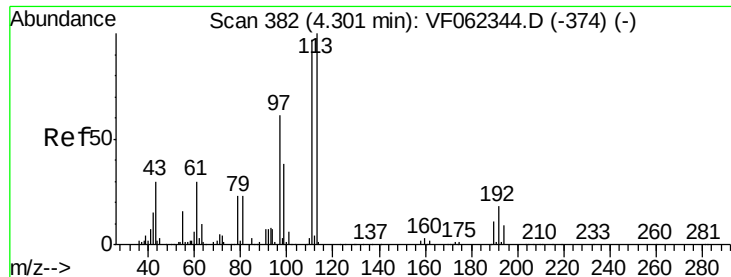
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VF062471.D
 Acq: 11 May 2019 20:23

Tgt Ion	Ratio	Resp Lower	Upper
114	100		
63	19.2	0.0	37.4
88	17.0	0.0	36.4





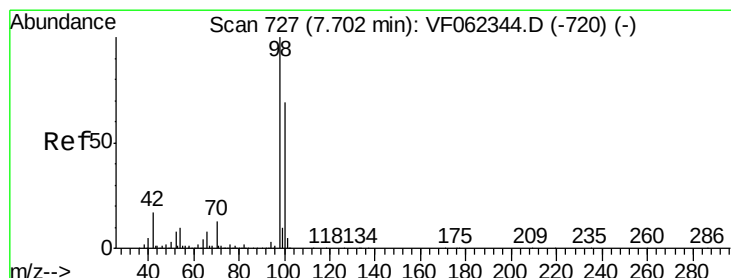
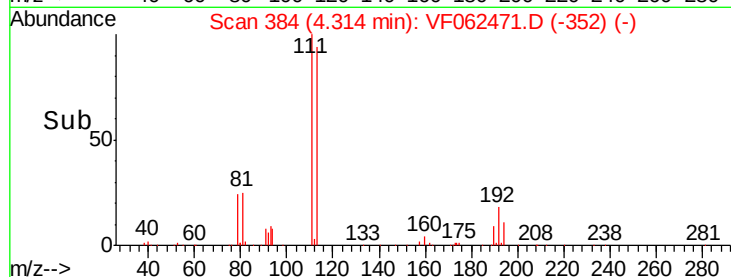
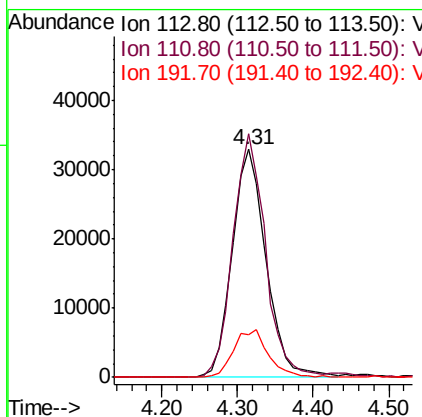
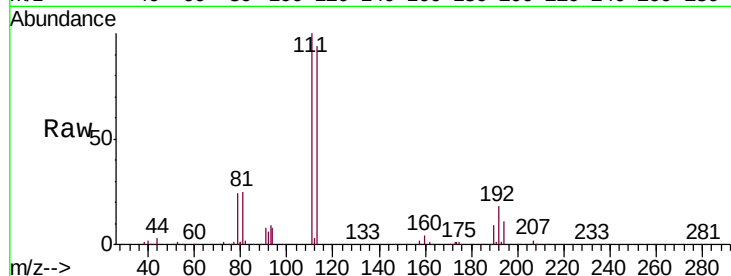
#35
Dibromofluoromethane
Concen: 60.224 ug/l
RT: 4.31 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1218-01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	102011		
111	102.1	79.4	119.0	
192	21.9	16.0	24.0	

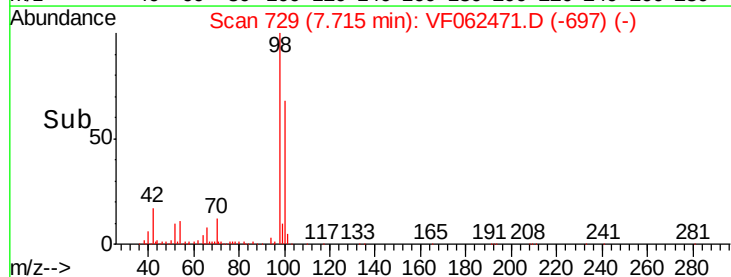
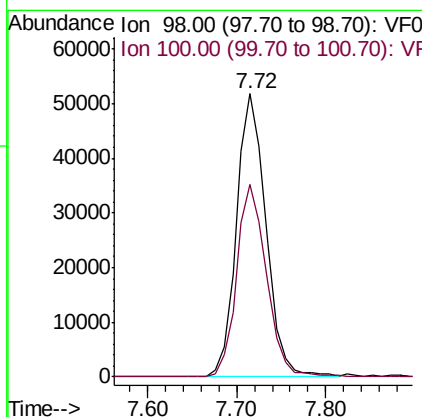
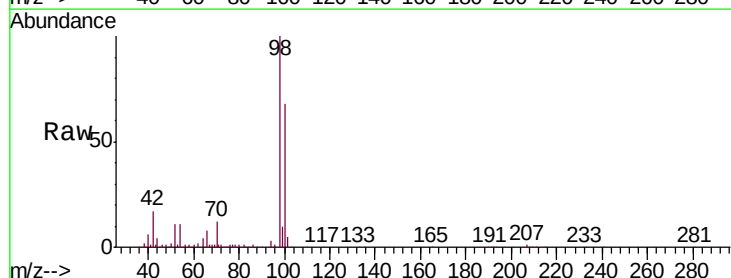
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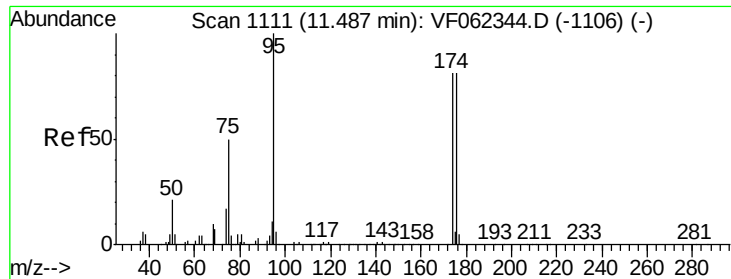
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#50
Toluene-d8
Concen: 29.070 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	119194		
100	69.0	53.3	79.9	





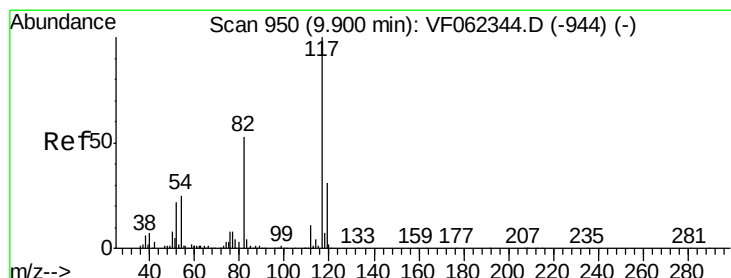
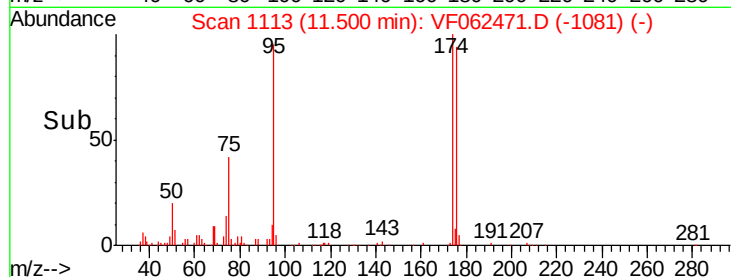
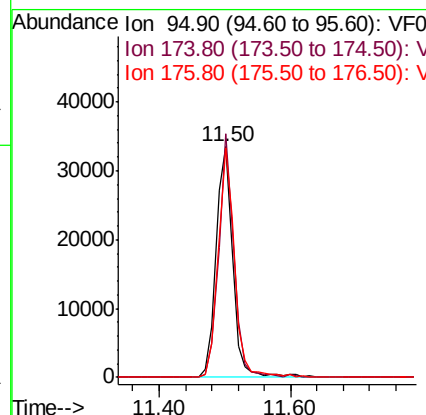
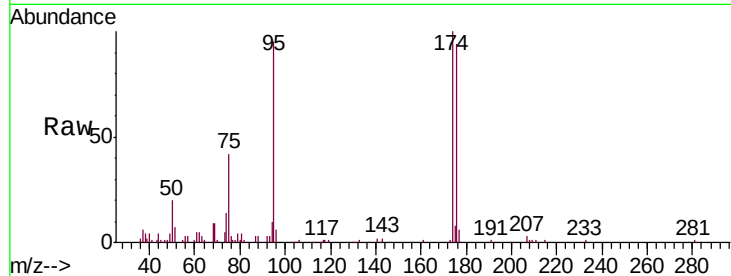
#62
4-Bromofluorobenzene
Concen: 31.352 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Instrument :
MSVOA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
95	100	57997		
174	96.2	0.0	191.8	
176	98.0	0.0	193.2	

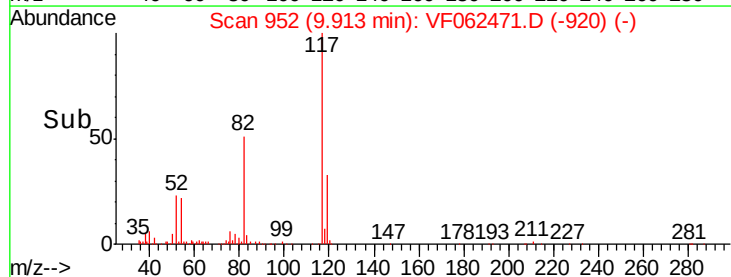
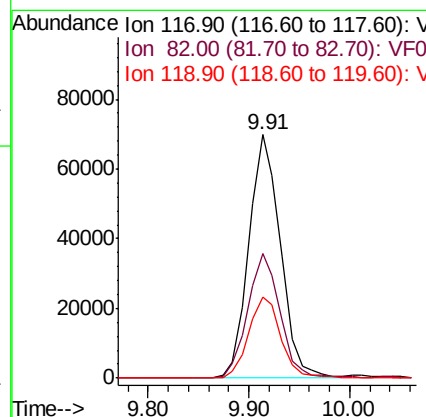
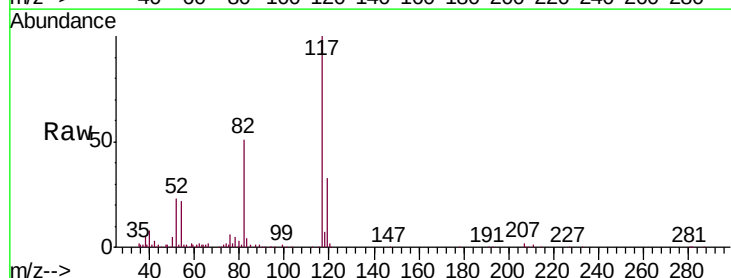
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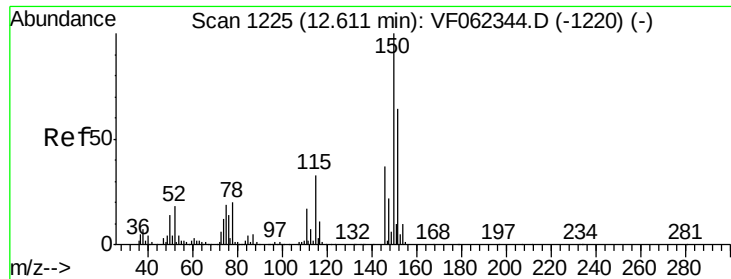
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	152516		
82	51.1	42.2	63.2	
119	33.2	25.0	37.4	





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.61 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: VF062471.D
 Acq: 11 May 2019 20:23

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS014-1218-01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	26.4	79.2
150	155.2	0.0	335.0

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