

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
 Data File : VF062104.D
 Acq On : 23 Mar 2019 3:56
 Operator : VA/AP
 Sample : K2061-01
 Misc : 6.36g/5mL/MSVOA-F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 26524-27245

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 11:57:29 AM

Quant Time: Mar 23 07:01:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	232752	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	372965	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.79	117	280468	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	148371	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	90310	52.17	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.34%	
35) Dibromofluoromethane	4.13	113	93978	37.25	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	74.50%	
50) Toluene-d8	7.57	98	330277	43.86	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.72%	
62) 4-Bromofluorobenzene	11.42	95	131678	45.29	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.58%	
Target Compounds						
16) Acetone	2.26	43	27787	76.262	ug/l	97
20) Methylene Chloride	2.19	84	28906m	10.668	ug/l	

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

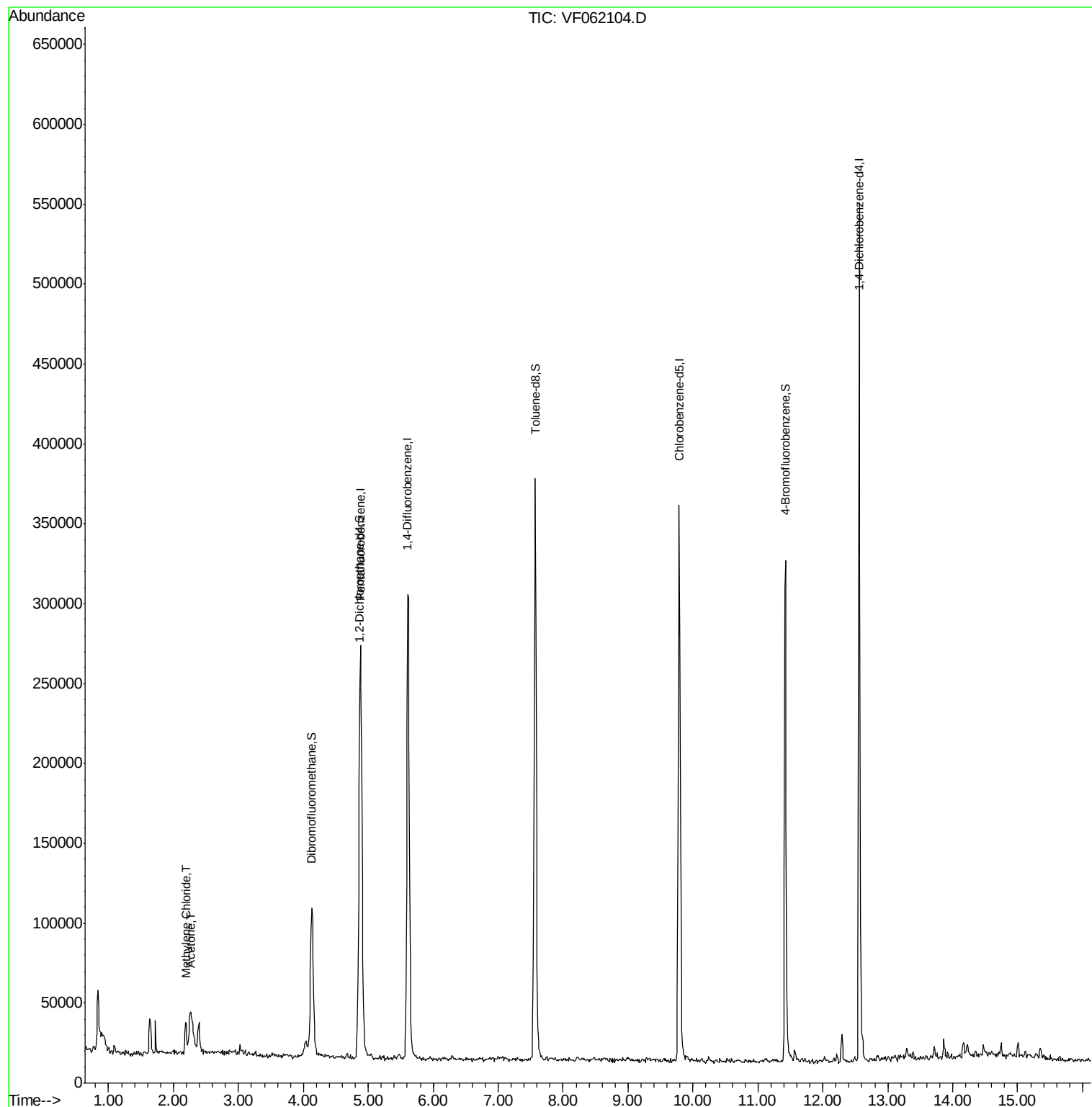
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032219\
Data File : VF062104.D
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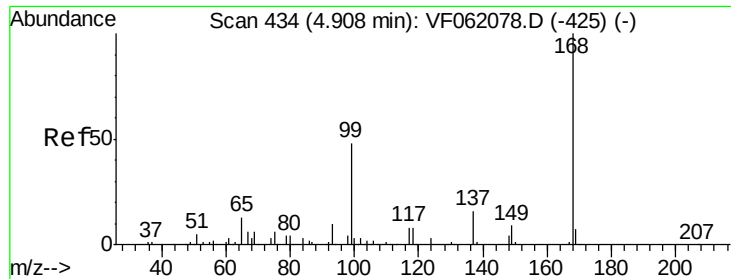
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Quant Time: Mar 23 07:01:06 2019
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Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF062104.D

Acq: 23 Mar 2019 3:56

Instrument :

MSVOA_F

ClientSampleId :

26524-27245

Tot Ion:168 Resp: 232752

Ion Ratio Lower Upper

168 100

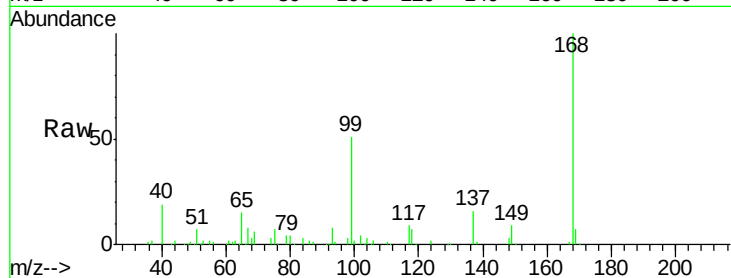
99 51.0 38.2 57.4

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

80000

60000

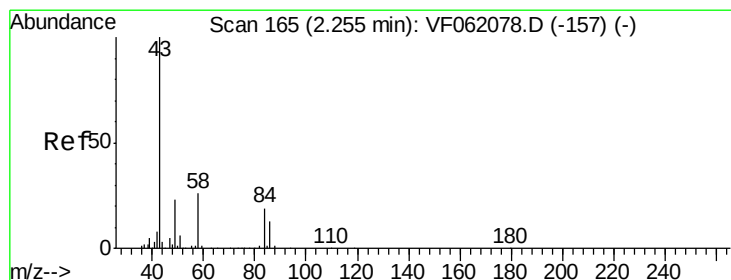
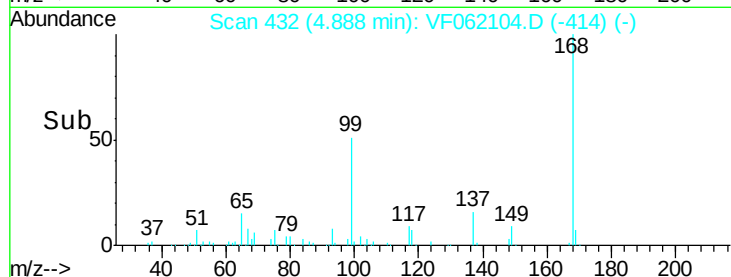
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 76.262 ug/l

RT: 2.26 min Scan# 165

Delta R.T. -0.00 min

Lab File: VF062104.D

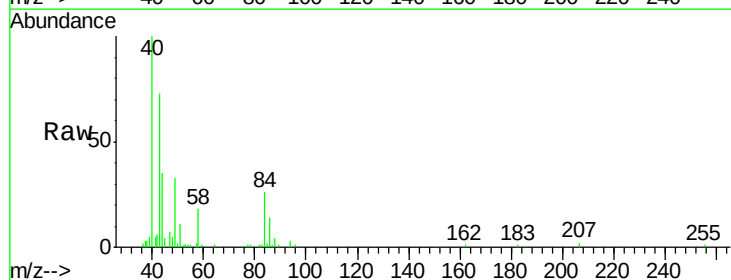
Acq: 23 Mar 2019 3:56

Tgt Ion: 43 Resp: 27787

Ion Ratio Lower Upper

43 100

58 24.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.26

10000

8000

6000

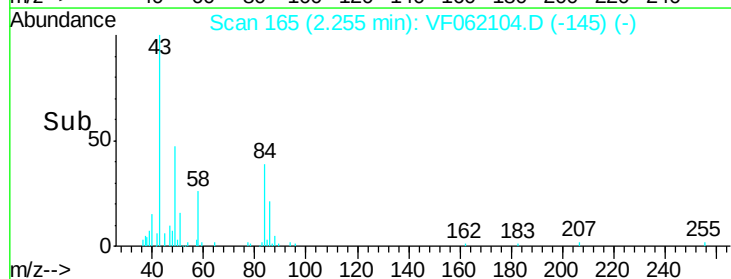
4000

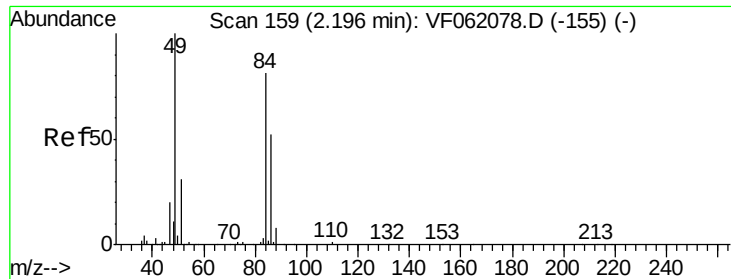
2000

0

Time-->

2.10 2.20 2.30 2.40





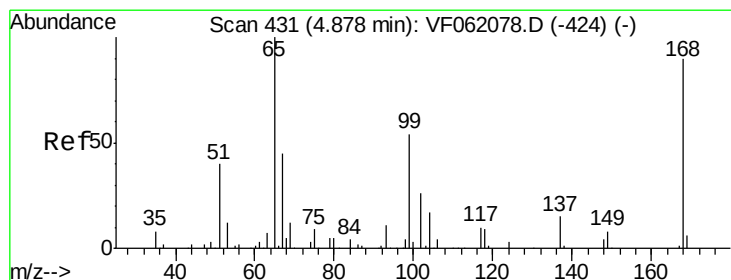
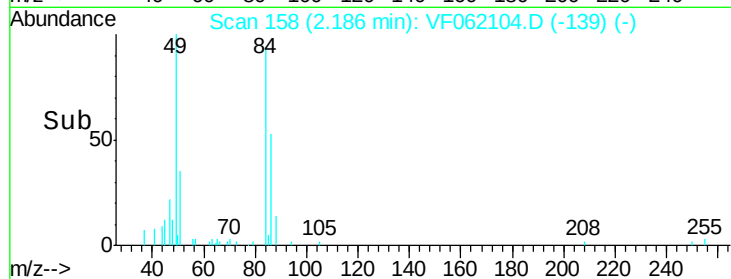
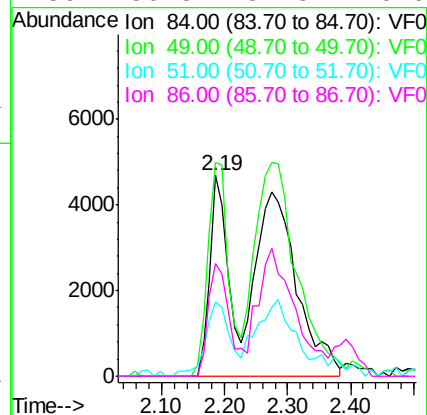
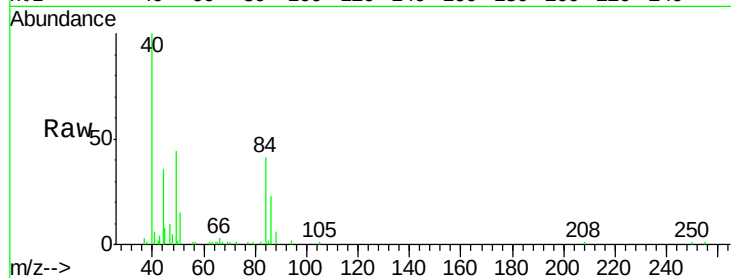
#20
Methylene Chloride
Concen: 10.668 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF062104.D
Acq: 23 Mar 2019 3:56

Instrument :
MSVOA_F
ClientSampleId :
26524-27245

Tot Ion	Ratio	Lower	Upper
84	100		
49	106.5	100.4	150.6
51	37.3	31.0	46.6
86	56.3	51.3	76.9

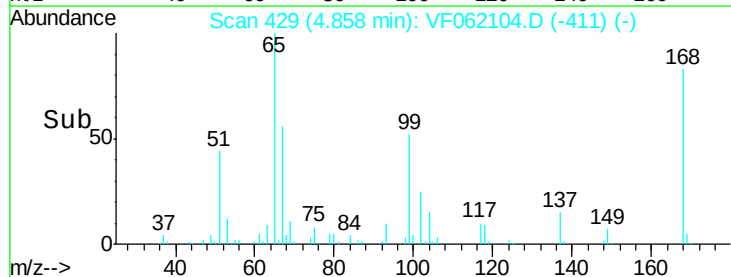
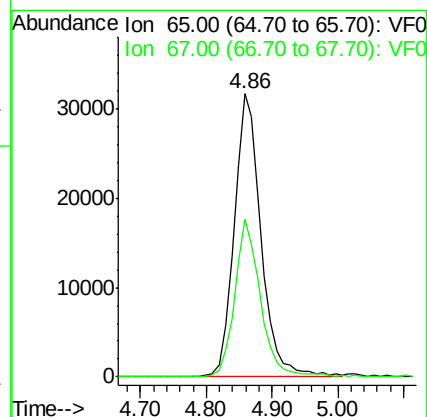
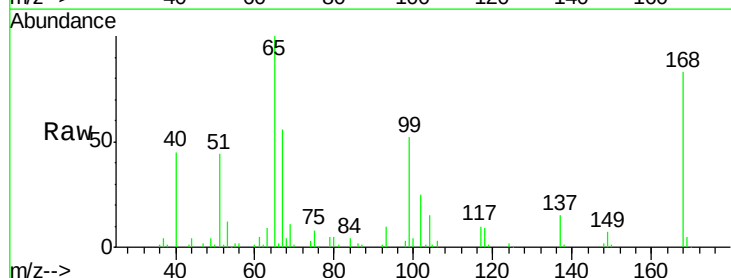
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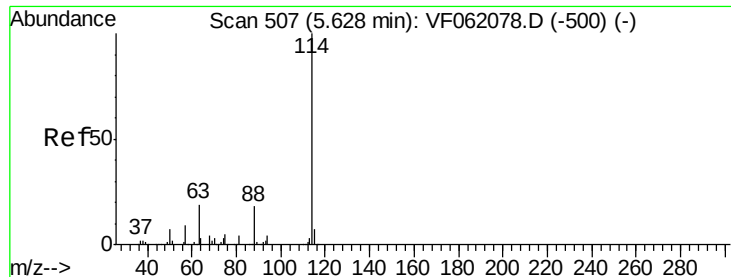
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#33
1,2-Dichloroethane-d4
Concen: 52.165 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF062104.D
Acq: 23 Mar 2019 3:56

Tgt Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. -0.01 min

Lab File: VF062104.D

Acq: 23 Mar 2019 3:56

Instrument :

MSVOA_F

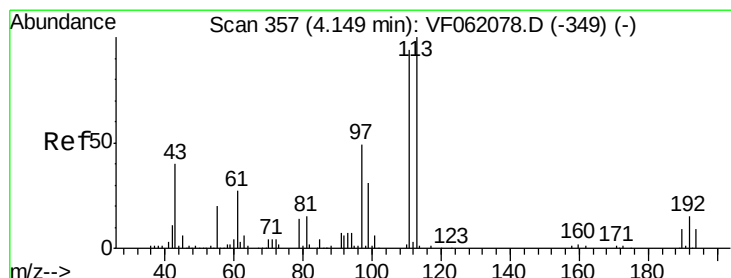
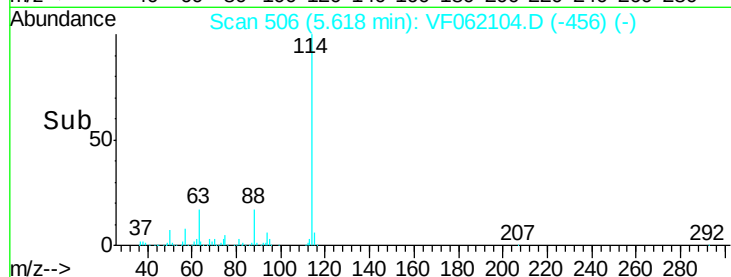
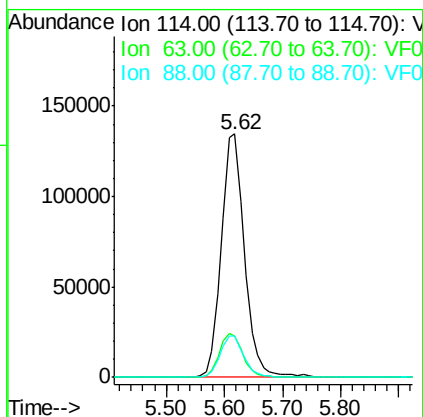
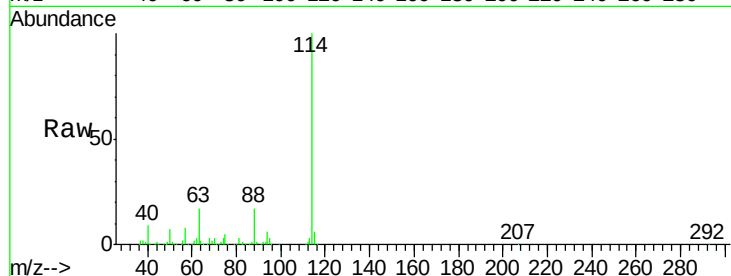
ClientSampleId :

26524-27245

Tot Ion:	114	Resp:	372965
Ion Ratio	Lower	Upper	
114	100		
63	17.1	0.0	37.8
88	17.2	0.0	36.4

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#35

Dibromofluoromethane

Concen: 37.249 ug/l

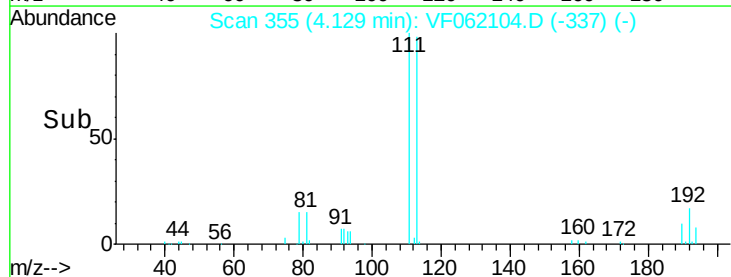
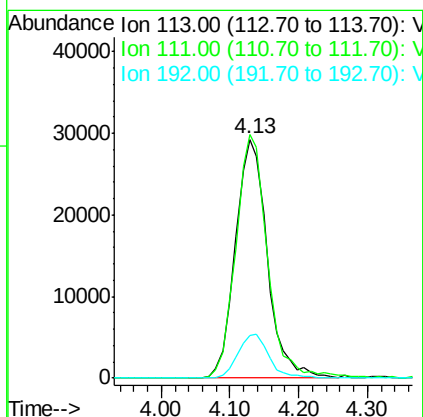
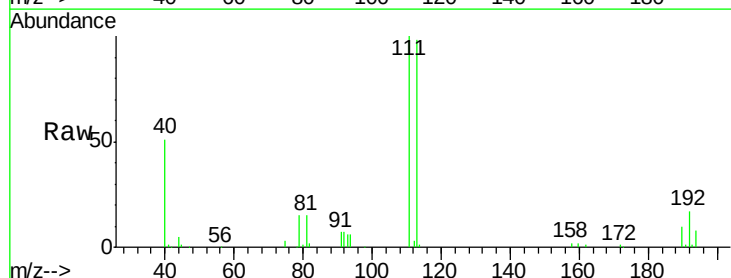
RT: 4.13 min Scan# 355

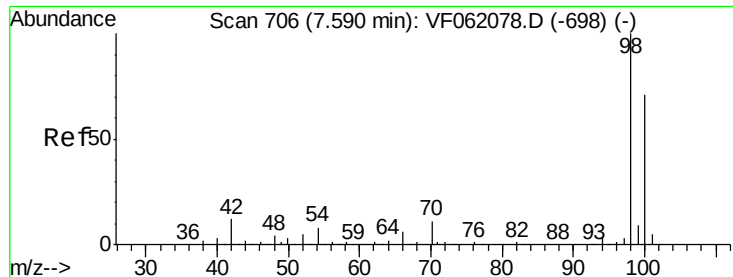
Delta R.T. -0.02 min

Lab File: VF062104.D

Acq: 23 Mar 2019 3:56

Tgt Ion:	113	Resp:	93978
Ion Ratio	Lower	Upper	
113	100		
111	102.0	75.4	113.0
192	17.8	12.3	18.5





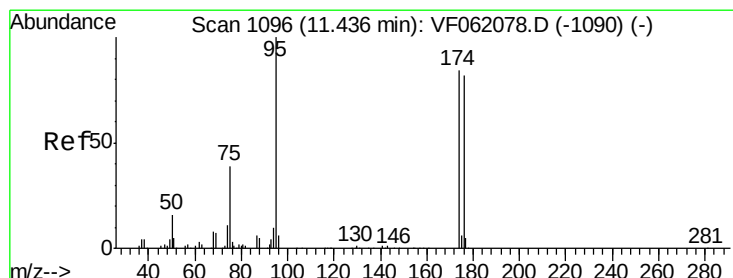
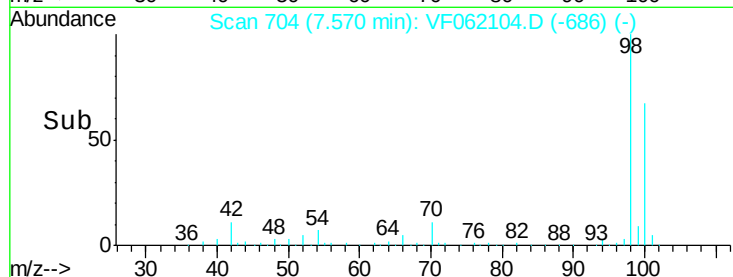
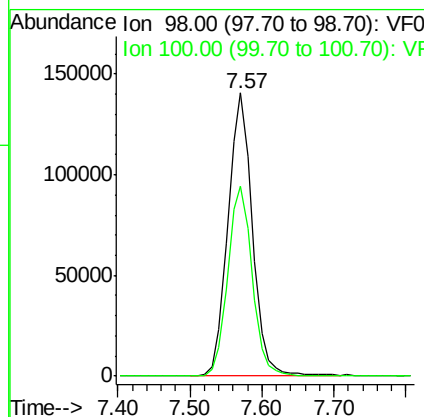
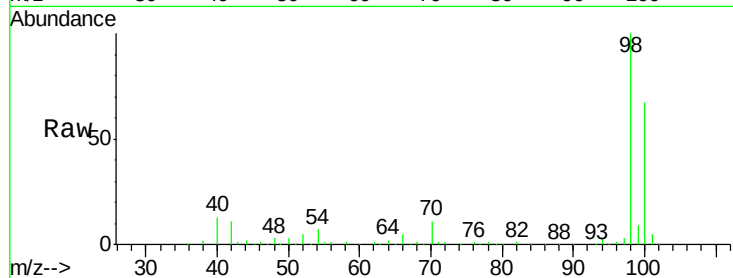
#50
Toluene-d8
Concen: 43.855 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF062104.D
Acq: 23 Mar 2019 3:56

Instrument :
MSVOA_F
ClientSampleId :
26524-27245

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	67.0	57.0	85.6	

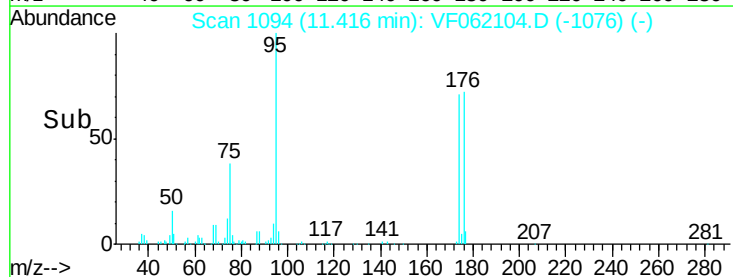
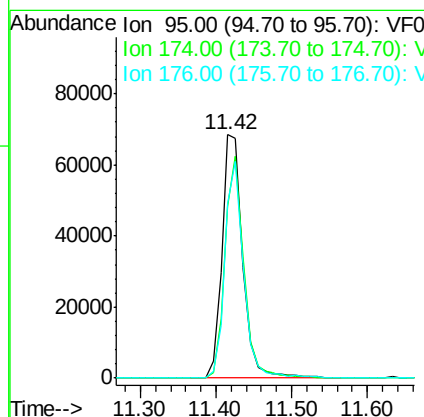
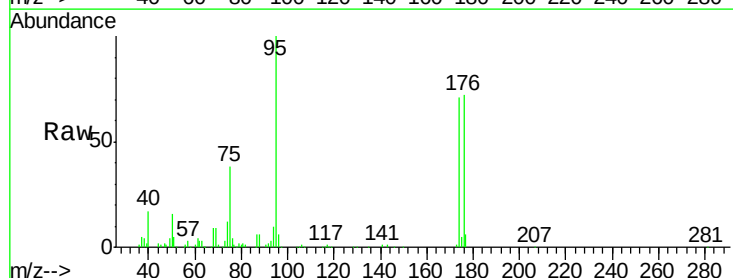
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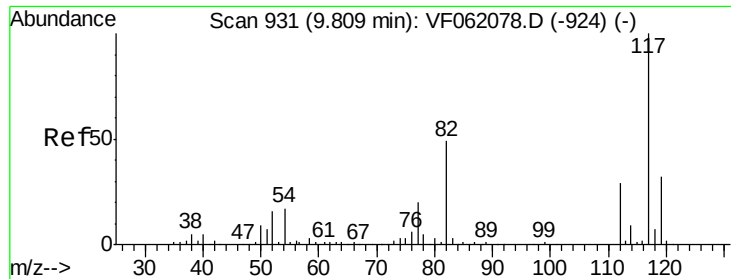
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#62
4-Bromofluorobenzene
Concen: 45.290 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.02 min
Lab File: VF062104.D
Acq: 23 Mar 2019 3:56

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	70.6	0.0	168.2	
176	71.6	0.0	164.2	





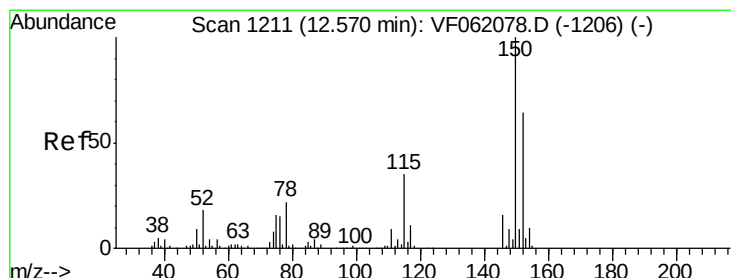
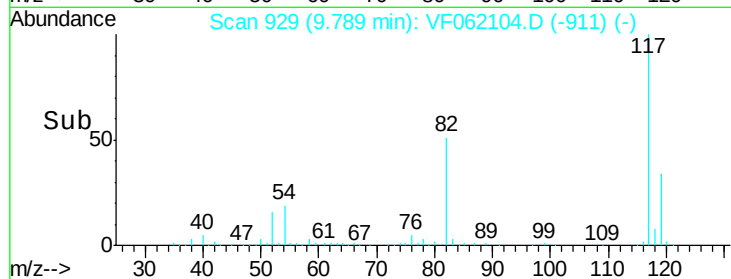
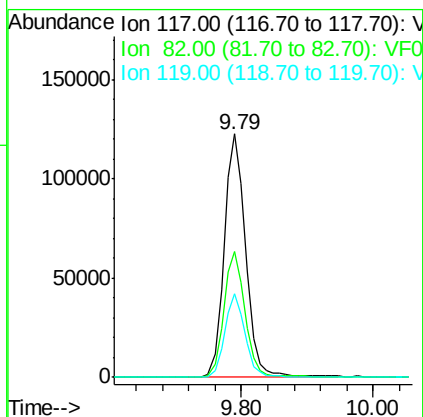
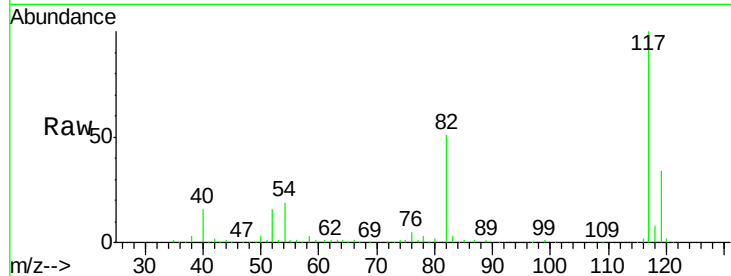
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF062104.D
Acq: 23 Mar 2019 3:56

Instrument :
MSVOA_F
ClientSampleId :
26524-27245

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	39.2	58.8
119	34.2	25.4	38.2

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF062104.D
Acq: 23 Mar 2019 3:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.0	27.7	83.1
150	148.3	0.0	313.2

