

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF020719\
 Data File : VF061549.D
 Acq On : 7 Feb 2019 17:13
 Operator : VA/AP
 Sample : K1401-07
 Misc : 4.45g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RT-3451

Manual Integrations
 APPROVED

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 2/11/2019 12:36:07 PM

Quant Time: Feb 09 04:54:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	170916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	293751	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	254672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	95429	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	122802	58.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.40%	
35) Dibromofluoromethane	4.11	113	133360	57.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.06%	
50) Toluene-d8	7.55	98	303854	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.41	95	122340	41.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.46%	
Target Compounds						
16) Acetone	2.24	43	6152	14.533	ug/l	96
20) Methylene Chloride	2.24	84	4545m	1.457	ug/l	
95) Naphthalene	14.45	128	7765	1.903	ug/l #	91

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

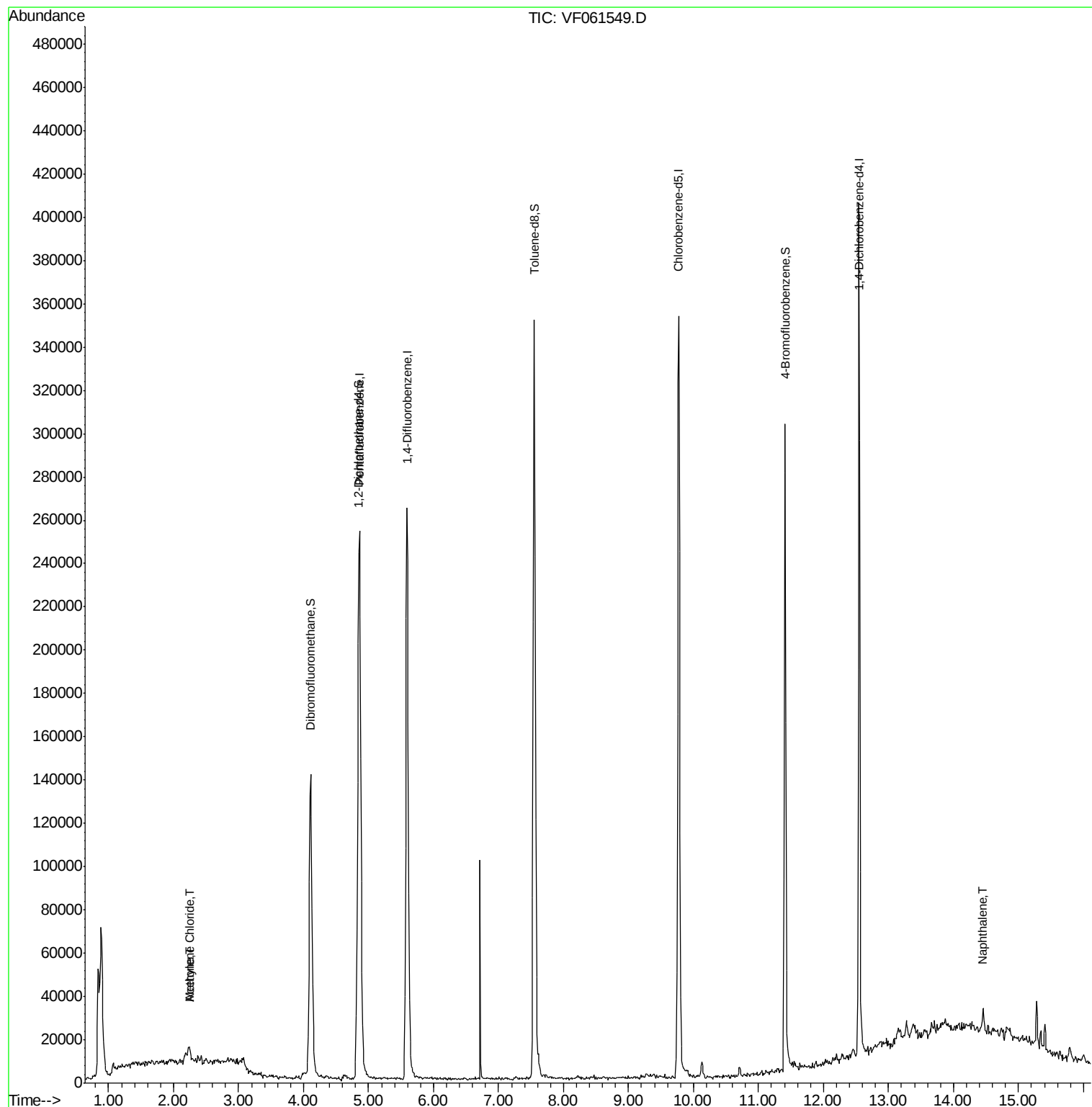
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF020719\
Data File : VF061549.D
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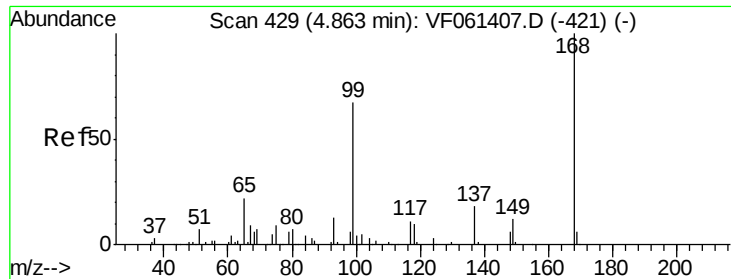
Instrument :
MSVOA_F
ClientSampleId :
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Quant Time: Feb 09 04:54:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF061549.D

Acq: 7 Feb 2019 17:13

Instrument :

MSVOA_F

ClientSampleId :

RT-3451

Tot Ion:168 Resp: 170916

Ion Ratio Lower Upper

168 100

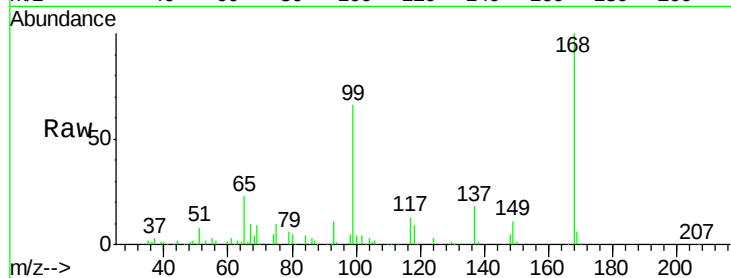
99 65.5 53.5 80.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

50000

40000

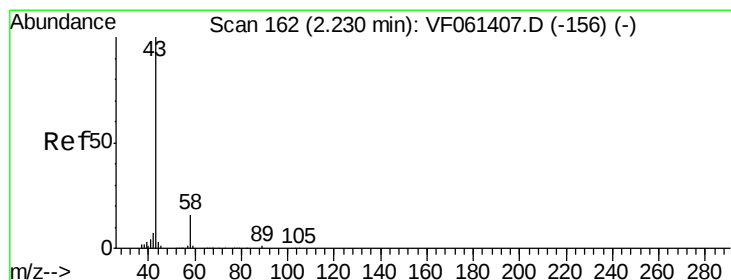
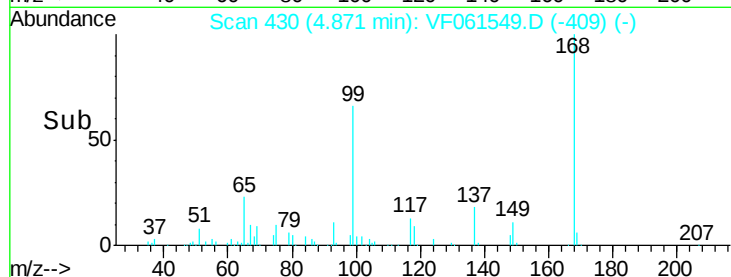
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 14.533 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061549.D

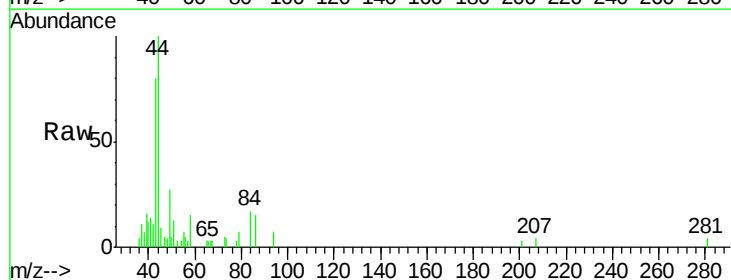
Acq: 7 Feb 2019 17:13

Tgt Ion: 43 Resp: 6152

Ion Ratio Lower Upper

43 100

58 18.2 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

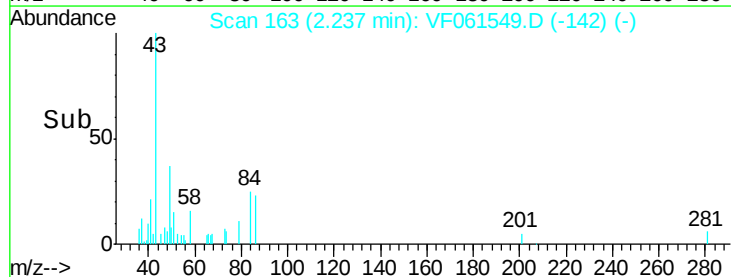
3000

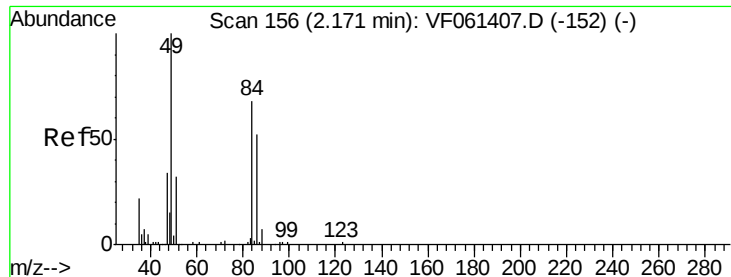
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 1.457 ug/l m

RT: 2.24 min Scan# 163

Delta R.T. 0.07 min

Lab File: VF061549.D

Acq: 7 Feb 2019 17:13

Instrument :

MSVOA_F

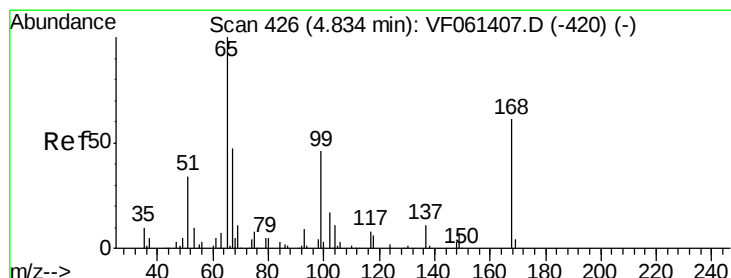
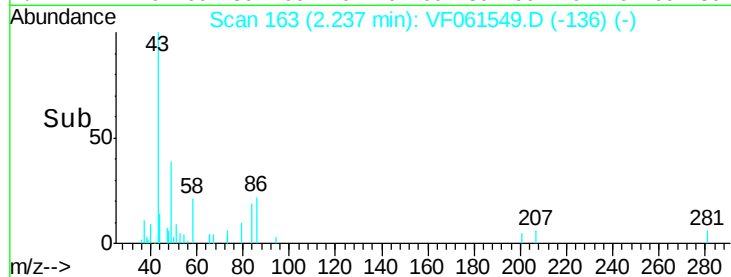
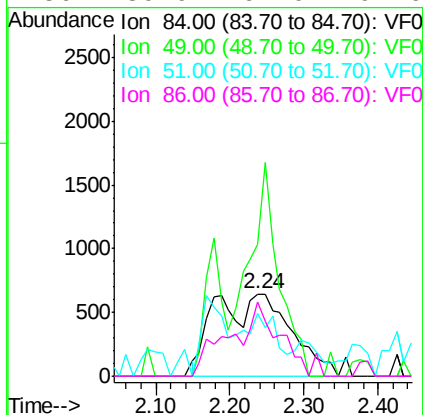
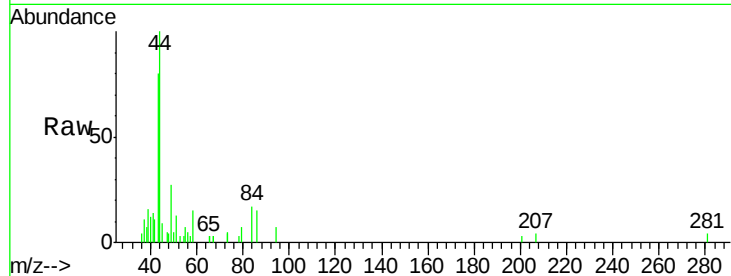
ClientSampled :

RT-3451

Tot Ion:	84	Resp:	4545
Ion	Ratio	Lower	Upper
84	100		
49	161.3	120.0	180.0
51	76.7	38.6	58.0#
86	89.9	61.0	91.6

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#33

1,2-Dichloroethane-d4

Concen: 58.195 ug/l

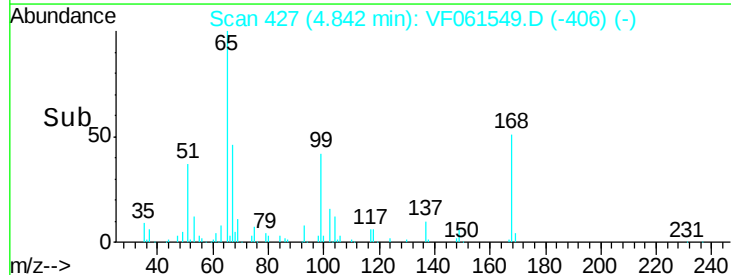
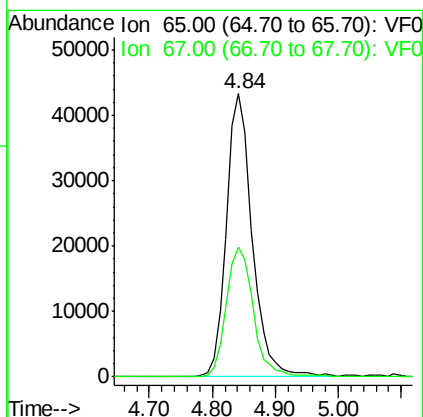
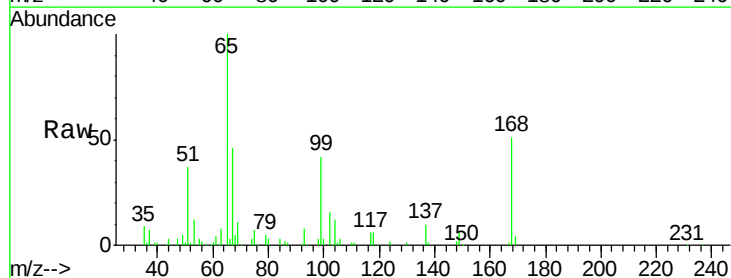
RT: 4.84 min Scan# 427

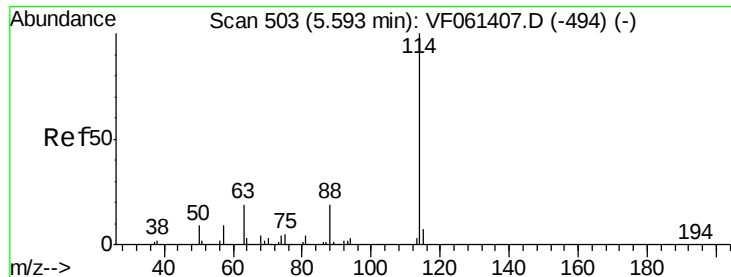
Delta R.T. 0.01 min

Lab File: VF061549.D

Acq: 7 Feb 2019 17:13

Tgt Ion:	65	Resp:	122802
Ion	Ratio	Lower	Upper
65	100		
67	46.0	0.0	99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.00 min

Lab File: VF061549.D

Acq: 7 Feb 2019 17:13

Instrument :

MSVOA_F

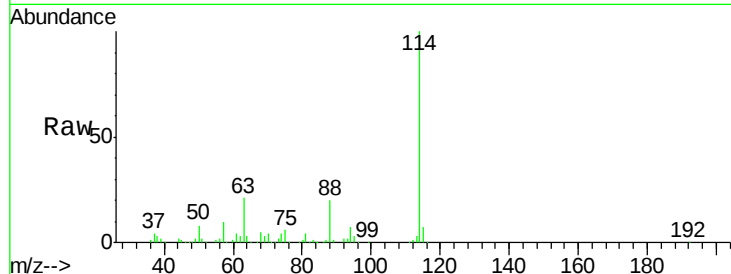
ClientSampled :

RT-3451

Tot Ion:	114	Resp:	293751
Ion Ratio		Lower	Upper
114	100		
63	20.9	0.0	39.0
88	20.1	0.0	37.4

Manual Integrations
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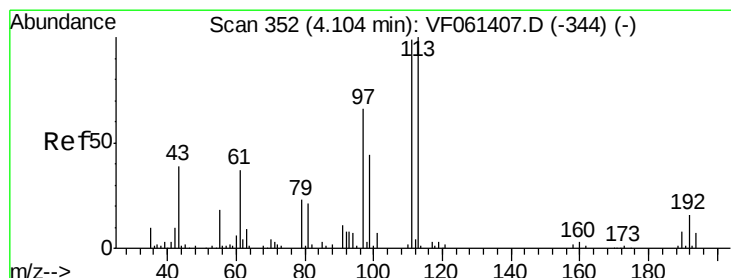
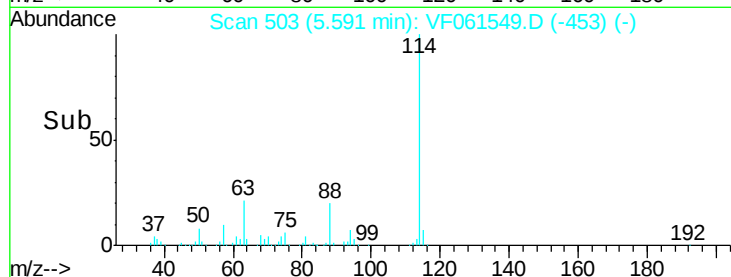
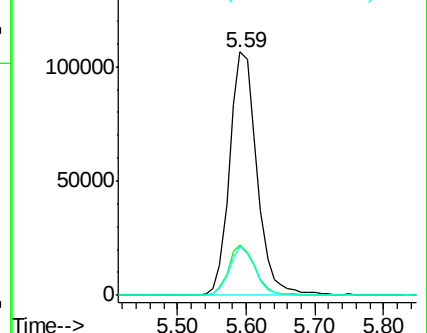
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 57.534 ug/l

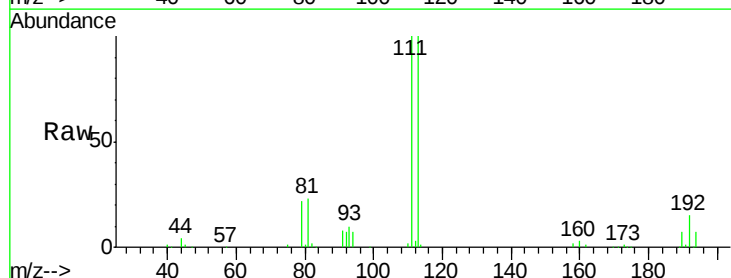
RT: 4.11 min Scan# 353

Delta R.T. 0.01 min

Lab File: VF061549.D

Acq: 7 Feb 2019 17:13

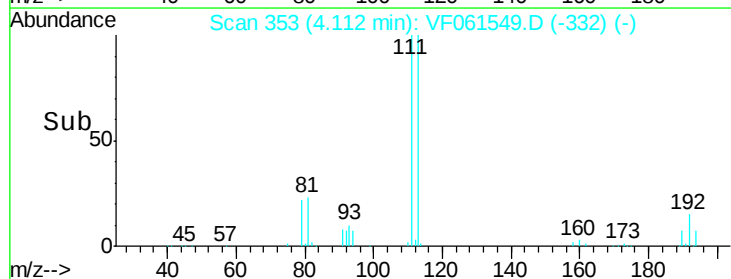
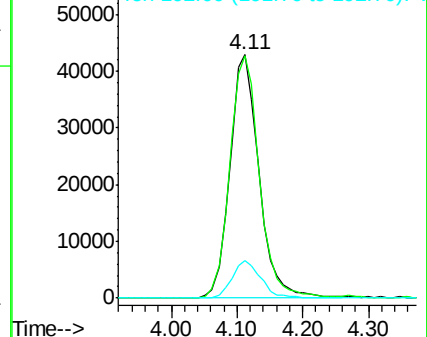
Tgt Ion:	113	Resp:	133360
Ion Ratio		Lower	Upper
113	100		
111	99.7	79.4	119.0
192	15.2	12.4	18.6

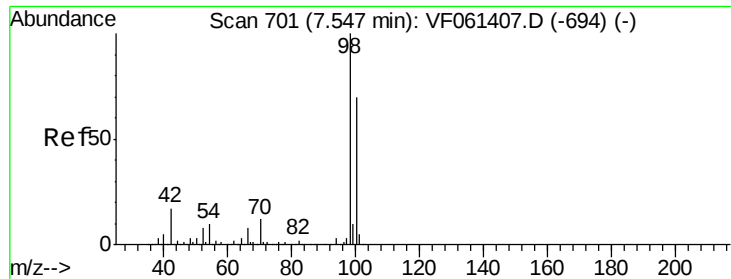


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





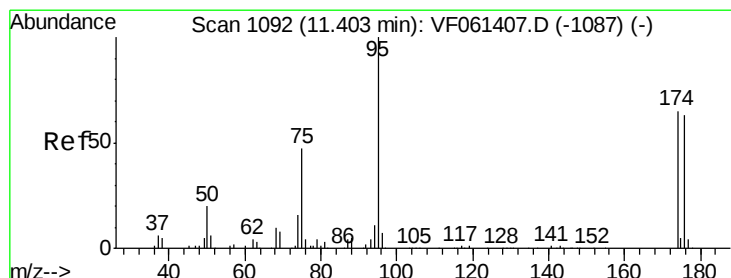
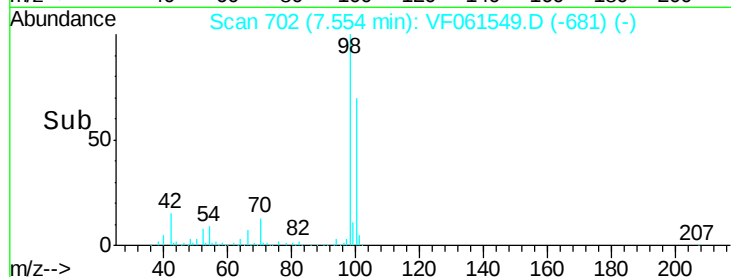
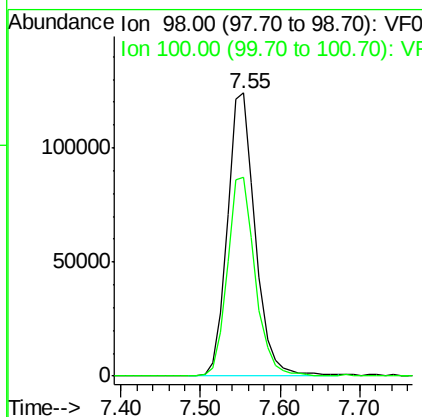
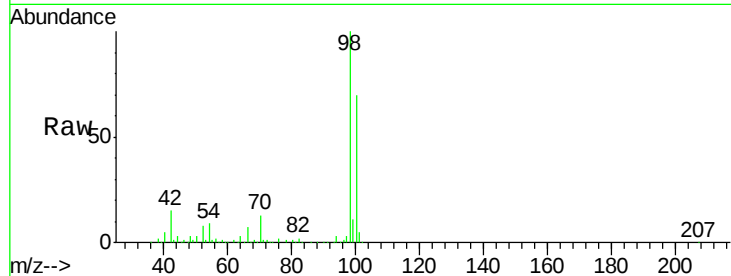
#50
Toluene-d8
Concen: 47.845 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.01 min
Lab File: VF061549.D
Acq: 7 Feb 2019 17:13

Instrument :
MSVOA_F
ClientSampled :
RT-3451

Tot Ion: 98 Resp: 303854
Ion Ratio Lower Upper
98 100
100 70.1 55.6 83.4

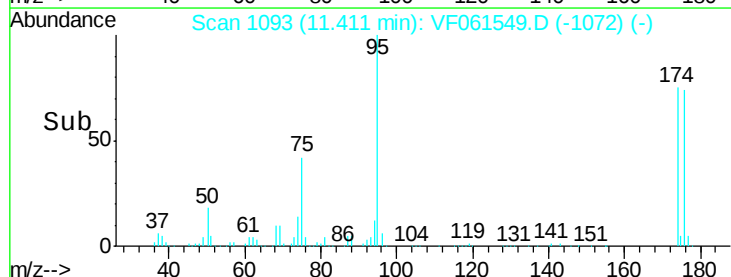
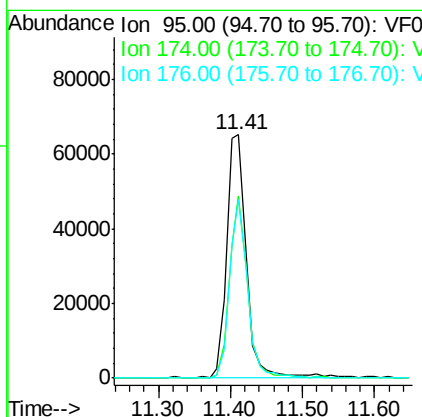
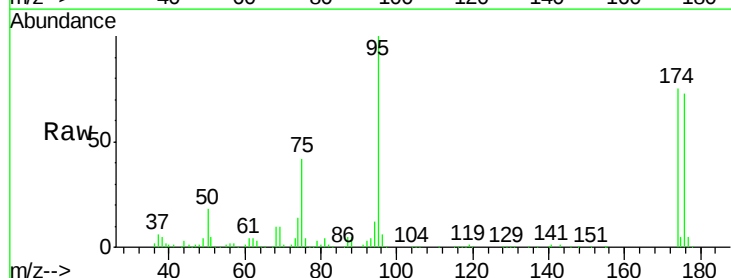
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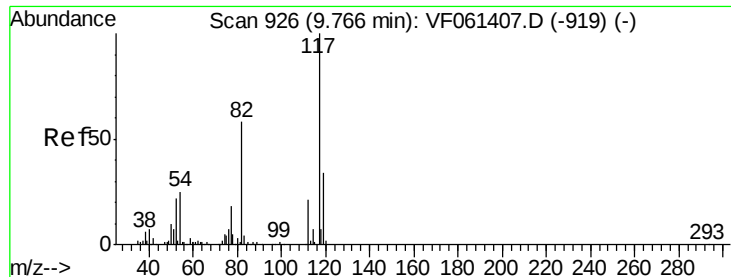
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#62
4-Bromofluorobenzene
Concen: 41.230 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061549.D
Acq: 7 Feb 2019 17:13

Tgt Ion: 95 Resp: 122340
Ion Ratio Lower Upper
95 100
174 74.7 0.0 130.4
176 73.2 0.0 126.2





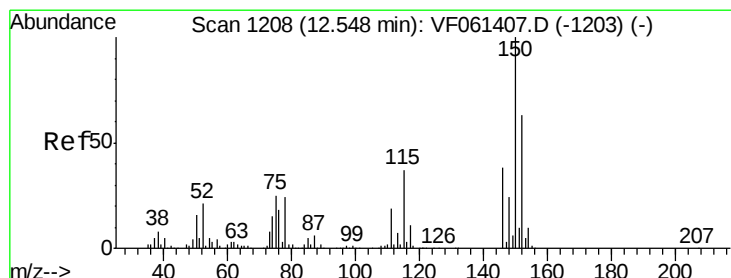
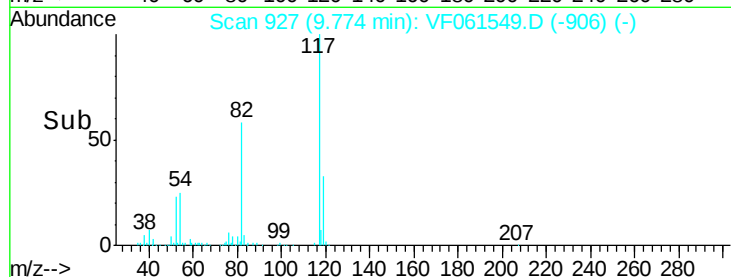
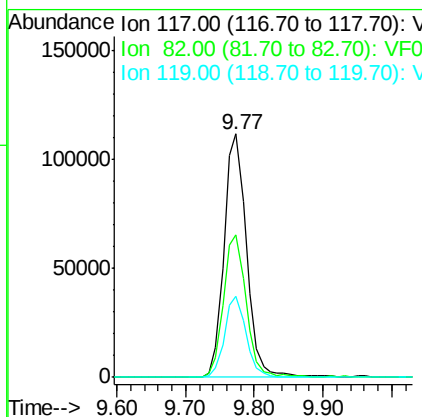
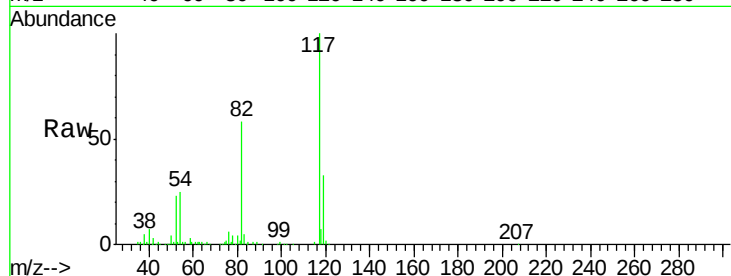
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061549.D
Acq: 7 Feb 2019 17:13

Instrument :
MSVOA_F
ClientSampleId :
RT-3451

Tot Ion	Ratio	Resp	Lower	Upper
117	100	254672		
82	58.3		46.4	69.6
119	33.3		27.2	40.8

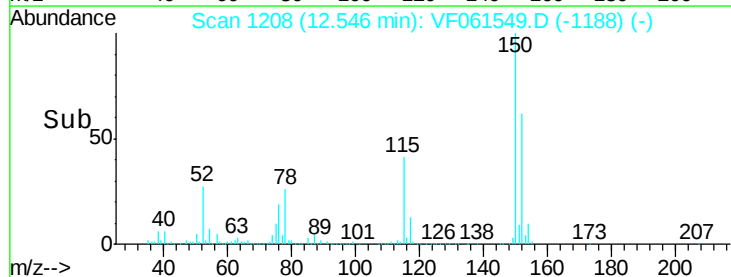
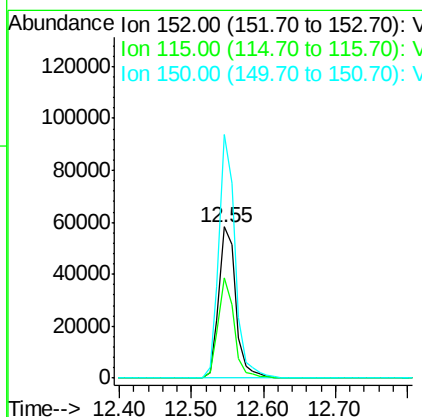
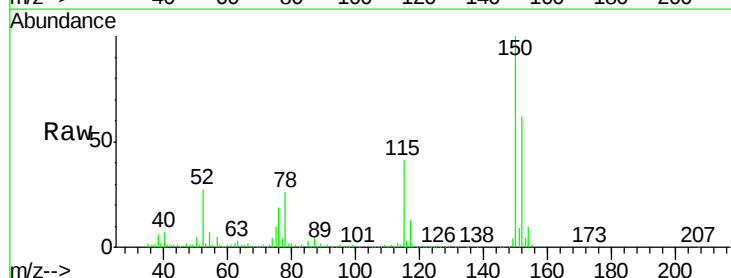
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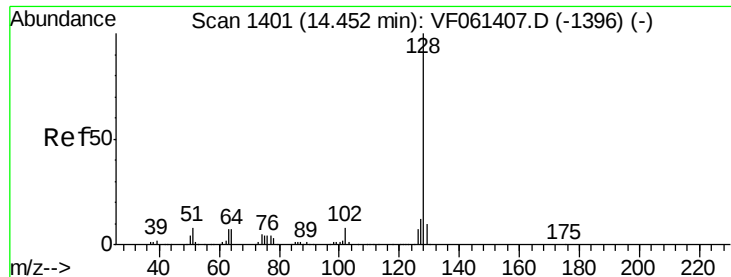
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061549.D
Acq: 7 Feb 2019 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	95429		
115	66.4		30.0	90.0
150	161.0		0.0	321.4





#95
Naphthalene
Concen: 1.903 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.00 min
Lab File: VF061549.D
Acq: 7 Feb 2019 17:13

Instrument :
MSVOA_F
ClientSampleId :
RT-3451

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.6	9.5	14.3
129	17.2	8.4	12.6

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