

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF020819\
 Data File : VF061573.D
 Acq On : 8 Feb 2019 22:35
 Operator : VA/AP
 Sample : K1424-01RE
 Misc : 4.42g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SS2-RB200035RE

Manual Integrations
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 2/12/2019 7:08:34 AM

Quant Time: Feb 11 06:31:27 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	4.86	168	55391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	86105	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	51400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	15223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	20667	30.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.44%	
35) Dibromofluoromethane	4.09	113	25814	37.99	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	75.98%	
50) Toluene-d8	7.54	98	54830	29.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.90%	
62) 4-Bromofluorobenzene	11.40	95	16332	18.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.56%	
Target Compounds						
16) Acetone	2.23	43	9757	71.119	ug/l	94
20) Methylene Chloride	2.19	84	3949m	6.967	ug/l	
84) 1,2,4-Trimethylbenzene	12.20	105	2043	1.985	ug/l	76
95) Naphthalene	14.45	128	988	1.518	ug/l #	71

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

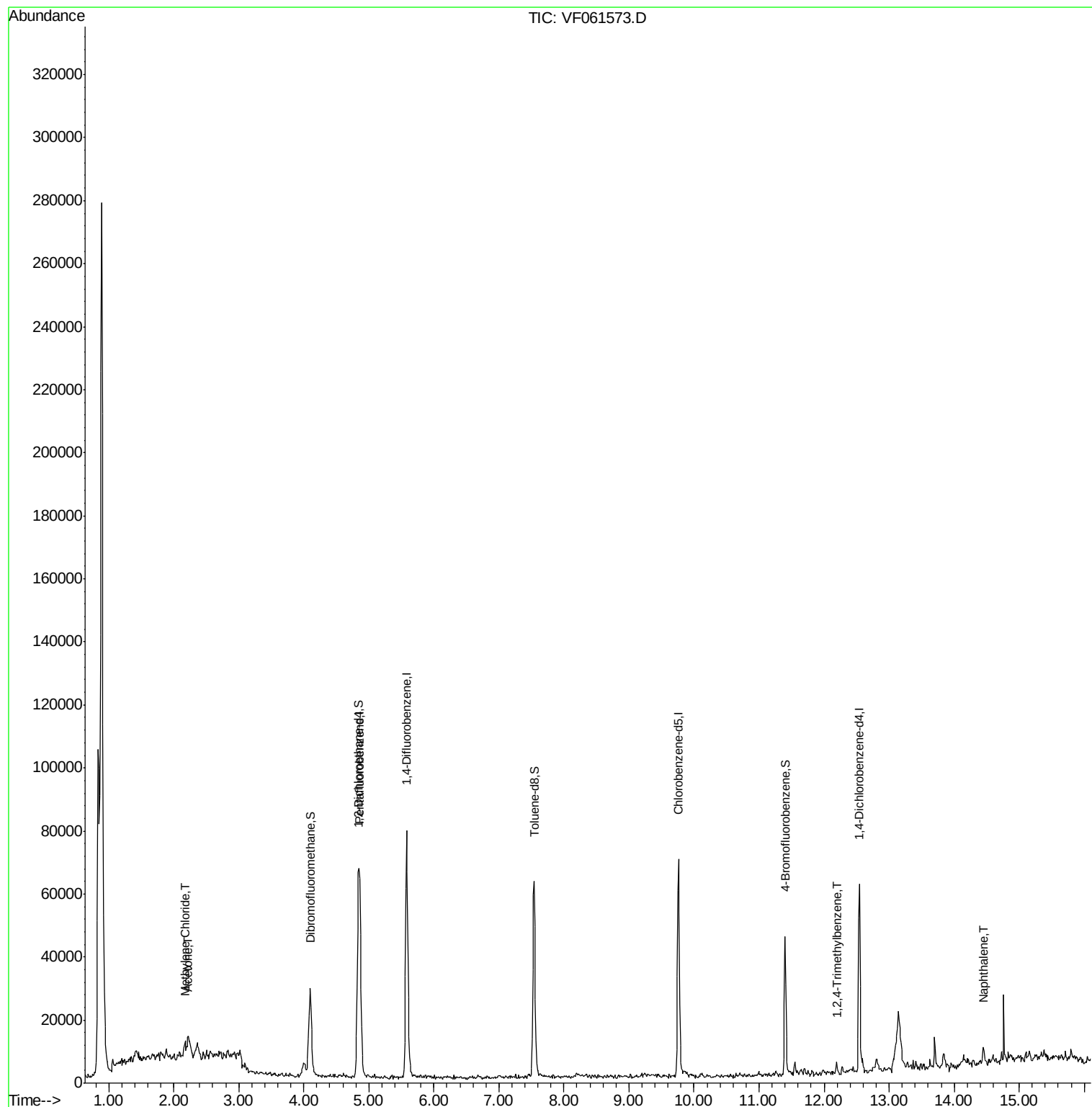
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF020819\
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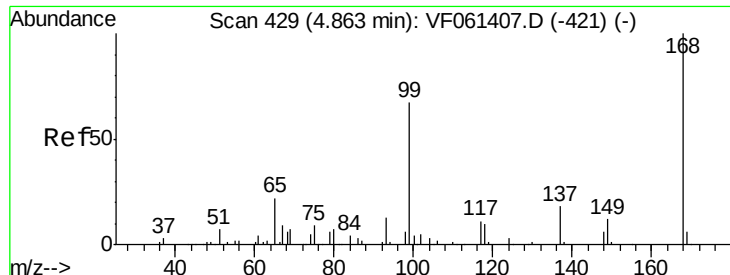
Instrument :
MSVOA_F
ClientSampleId :
SS2-RB200035RE

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Quant Time: Feb 11 06:31:27 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: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF061573.D

Acq: 8 Feb 2019 22:35

Instrument :

MSVOA_F

ClientSampleId :

SS2-RB200035RE

Tot Ion:168 Resp: 55391

Ion Ratio Lower Upper

168 100

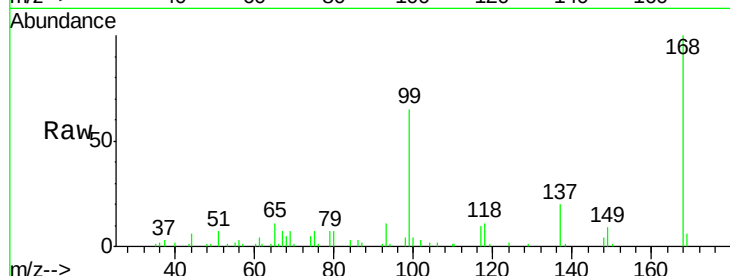
99 65.1 53.5 80.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

20000

15000

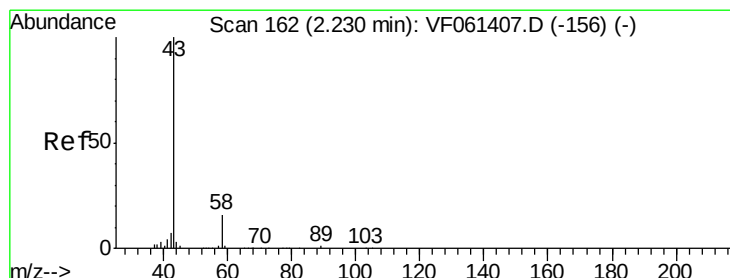
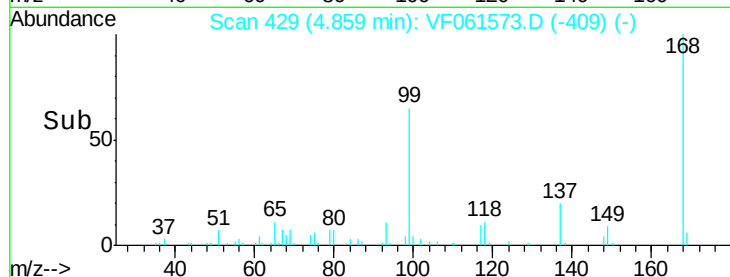
10000

5000

0

Time-->

4.70 4.80 4.90 5.00



#16

Acetone

Concen: 71.119 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.00 min

Lab File: VF061573.D

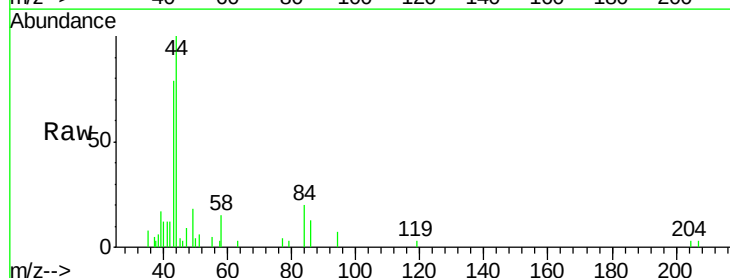
Acq: 8 Feb 2019 22:35

Tgt Ion: 43 Resp: 9757

Ion Ratio Lower Upper

43 100

58 19.1 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

3000

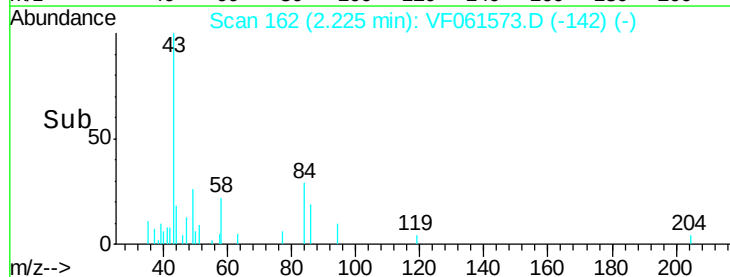
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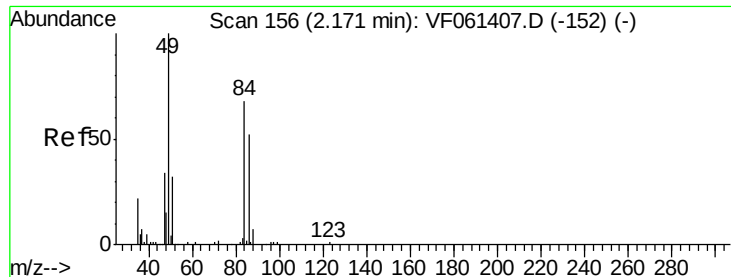
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0

Time-->

2.15 2.20 2.25 2.30





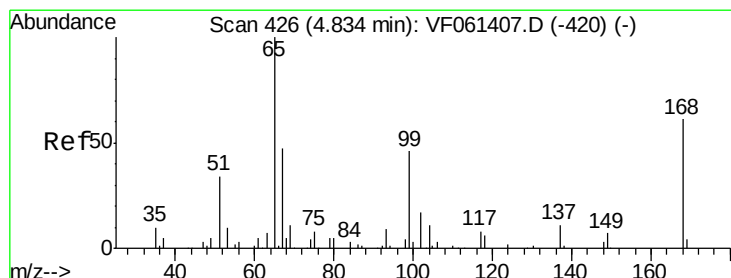
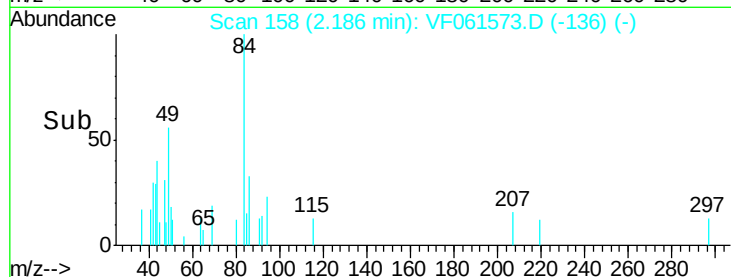
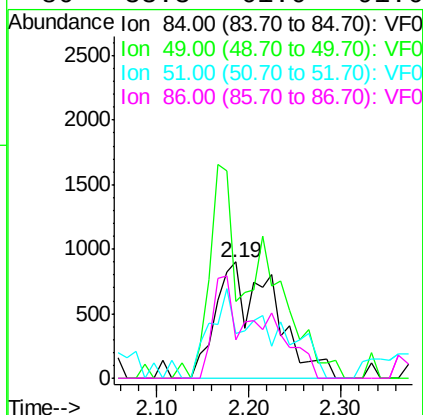
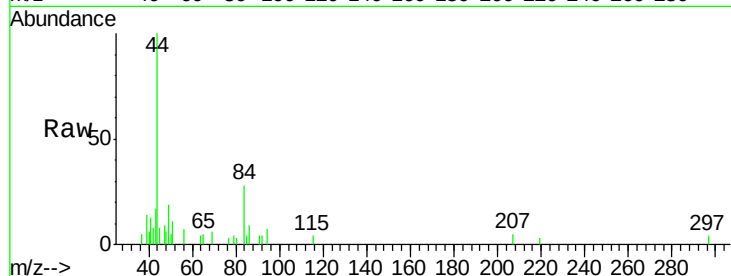
#20
Methylene Chloride
Concen: 6.967 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. 0.02 min
Lab File: VF061573.D
Acq: 8 Feb 2019 22:35

Instrument :
MSVOA_F
ClientSampleId :
SS2-RB200035RE

Tot Ion	Ratio	Lower	Upper
84	100		
49	66.7	120.0	180.0#
51	38.9	38.6	58.0
86	33.3	61.0	91.6#

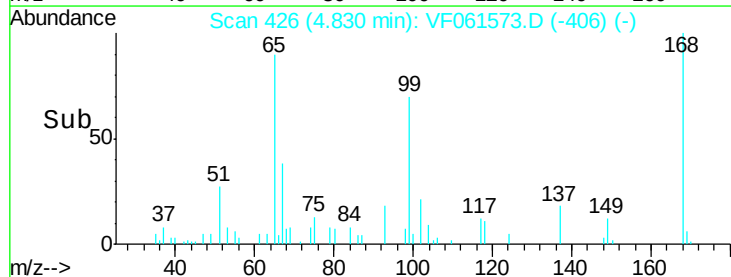
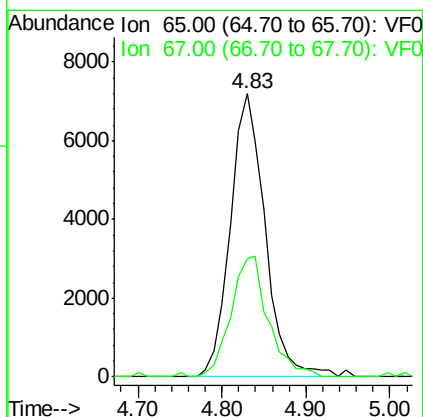
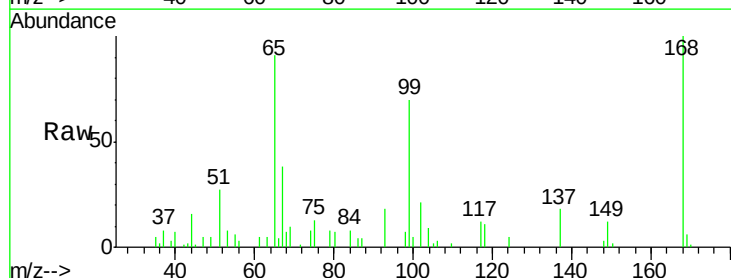
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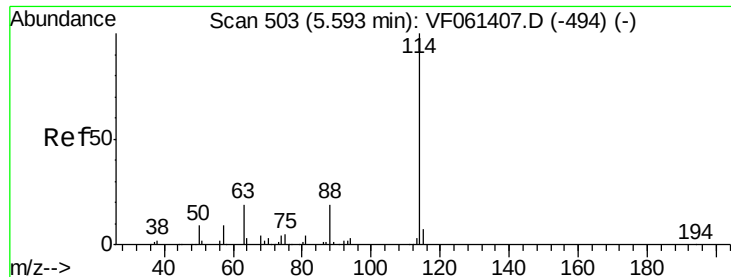
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#33
1,2-Dichloroethane-d4
Concen: 30.220 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.00 min
Lab File: VF061573.D
Acq: 8 Feb 2019 22:35

Tgt Ion	Ratio	Lower	Upper
65	100		
67	42.0	0.0	99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061573.D

Acq: 8 Feb 2019 22:35

Instrument :

MSVOA_F

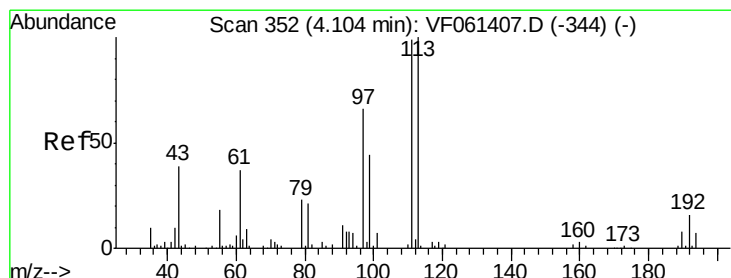
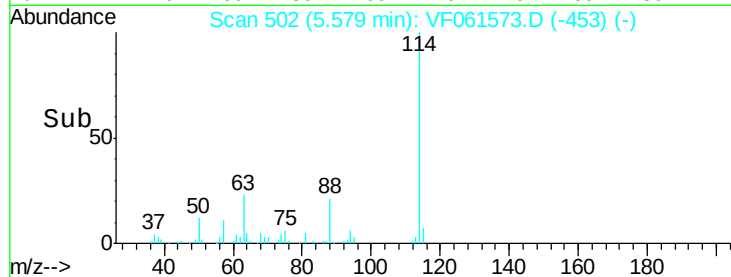
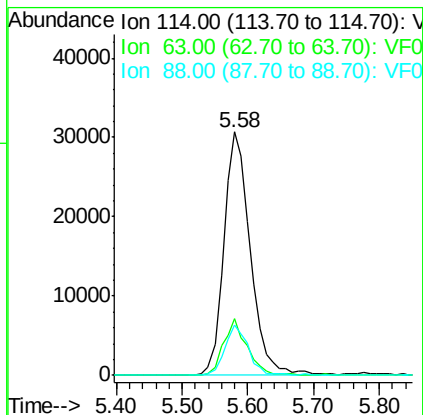
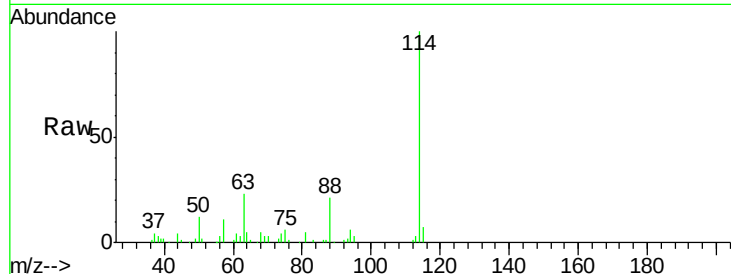
ClientSampleId :

SS2-RB200035RE

Tot Ion:	114	Resp:	86105
Ion Ratio	Lower	Upper	
114	100		
63	23.5	0.0	39.0
88	20.9	0.0	37.4

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#35

Dibromofluoromethane

Concen: 37.993 ug/l

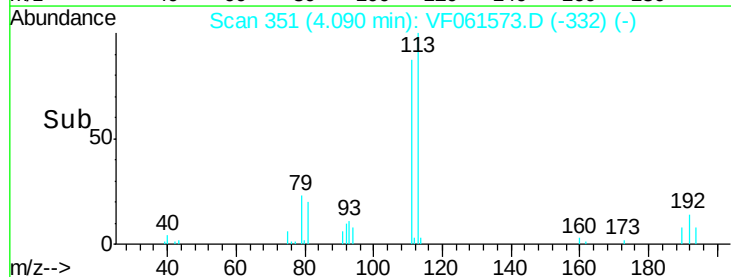
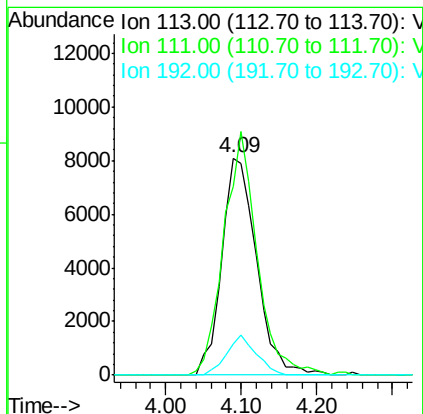
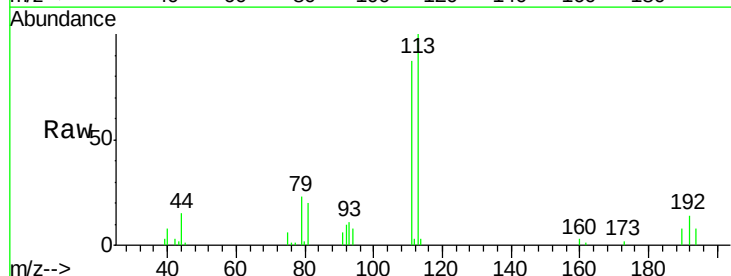
RT: 4.09 min Scan# 351

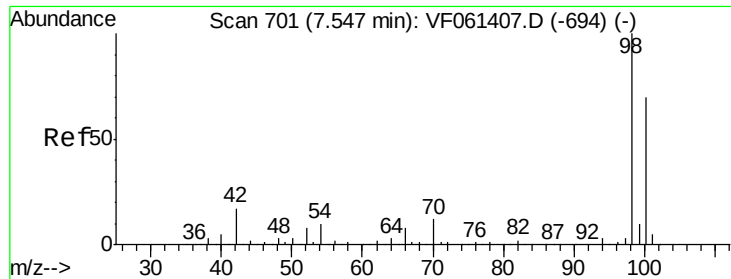
Delta R.T. -0.01 min

Lab File: VF061573.D

Acq: 8 Feb 2019 22:35

Tgt Ion:	113	Resp:	25814
Ion Ratio	Lower	Upper	
113	100		
111	86.6	79.4	119.0
192	14.2	12.4	18.6





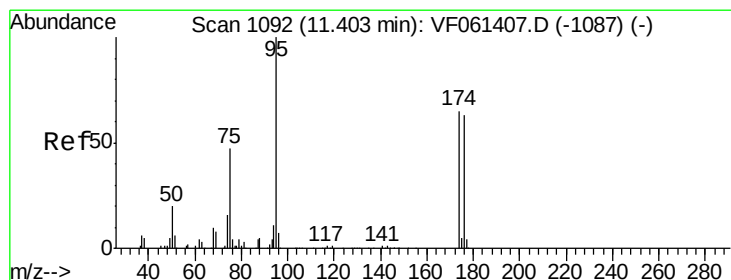
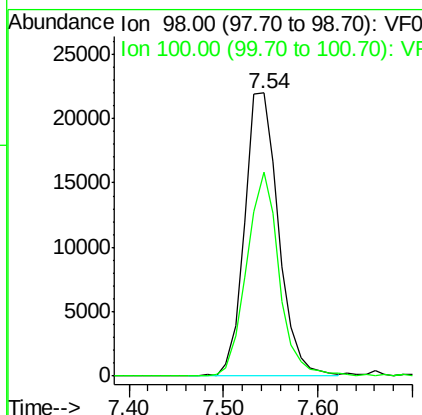
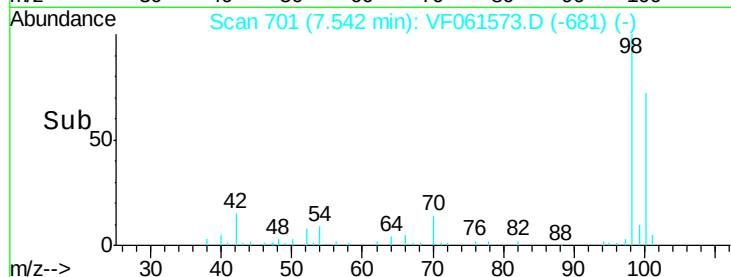
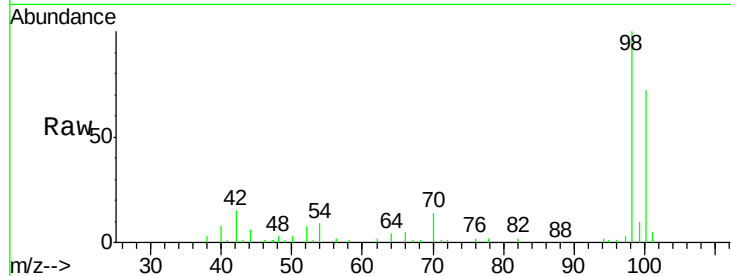
#50
Toluene-d8
Concen: 29.454 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.00 min
Lab File: VF061573.D
Acq: 8 Feb 2019 22:35

Instrument :
MSVOA_F
ClientSampleId :
SS2-RB200035RE

Tot Ion: 98 Resp: 54830
Ion Ratio Lower Upper
98 100
100 72.2 55.6 83.4

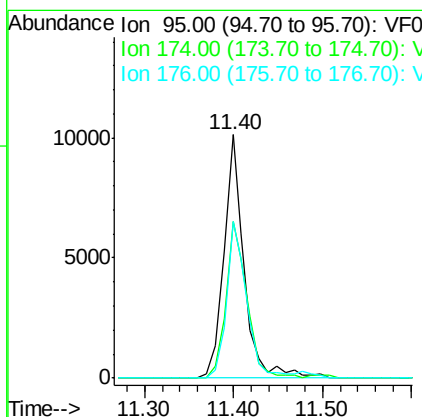
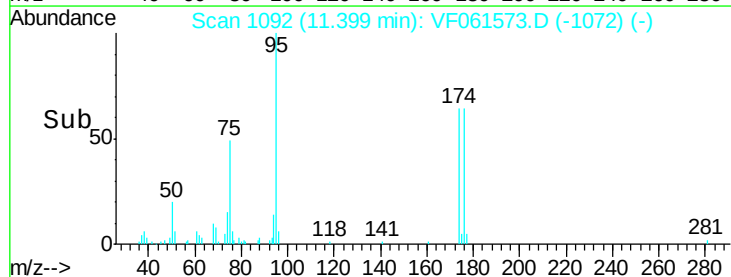
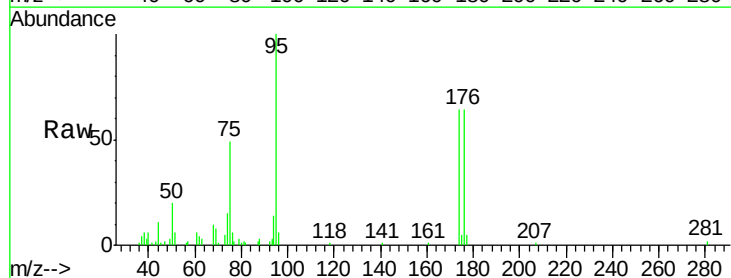
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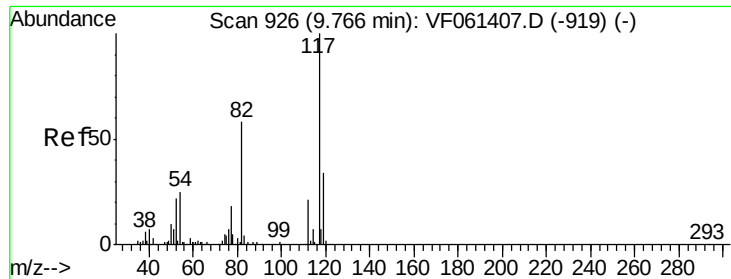
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#62
4-Bromofluorobenzene
Concen: 18.777 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VF061573.D
Acq: 8 Feb 2019 22:35

Tgt Ion: 95 Resp: 16332
Ion Ratio Lower Upper
95 100
174 64.2 0.0 130.4
176 64.1 0.0 126.2





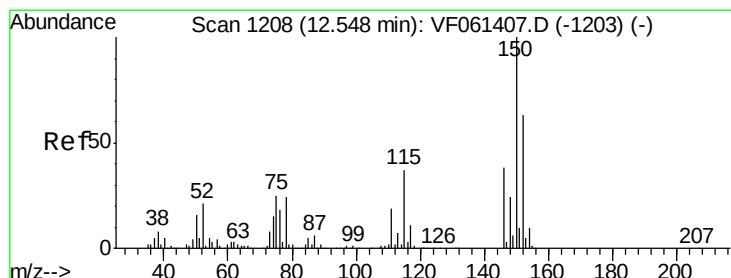
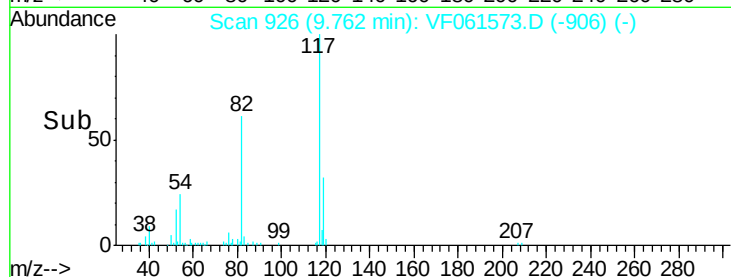
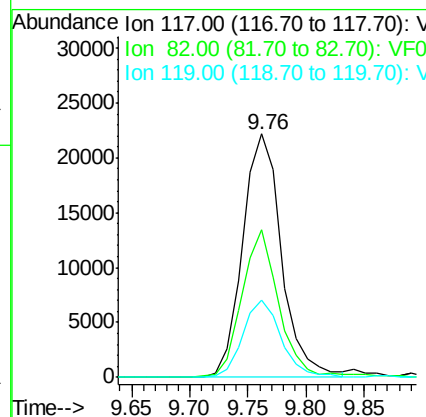
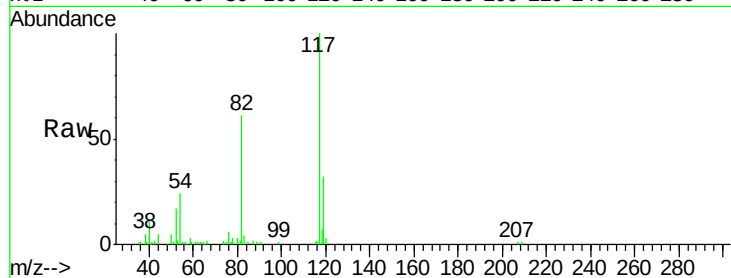
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.00 min
Lab File: VF061573.D
Acq: 8 Feb 2019 22:35

Instrument :
MSVOA_F
ClientSampleId :
SS2-RB200035RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.8	46.4	69.6
119	31.6	27.2	40.8

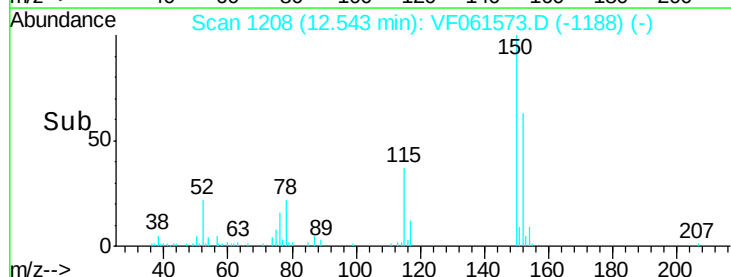
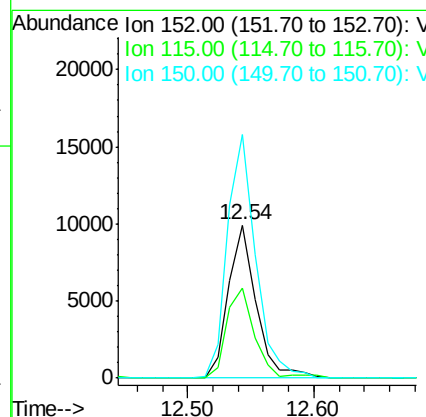
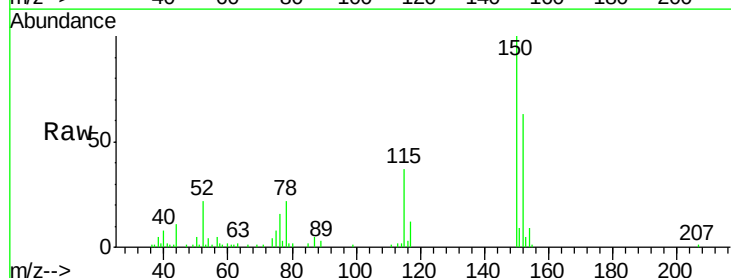
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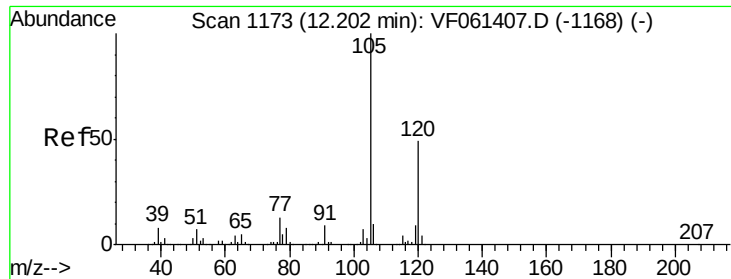
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061573.D
Acq: 8 Feb 2019 22:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	30.0	90.0
150	159.1	0.0	321.4





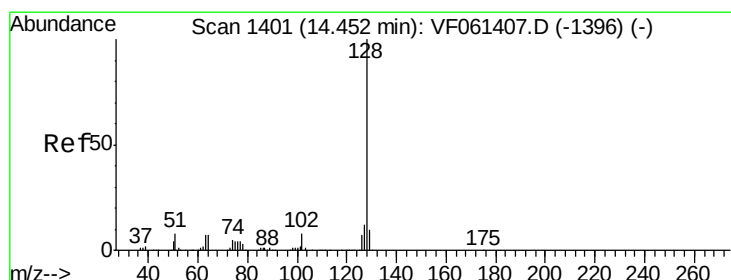
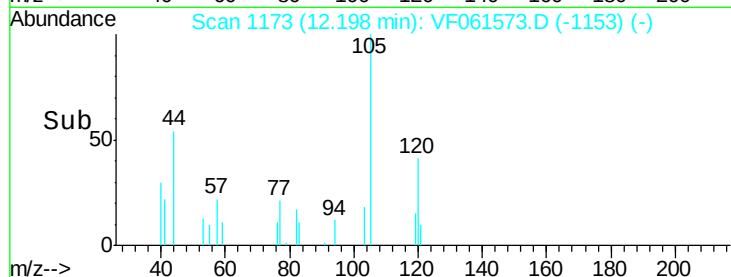
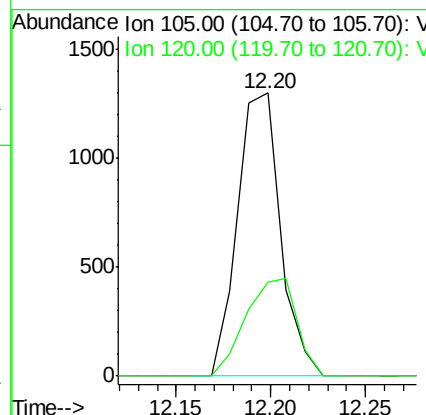
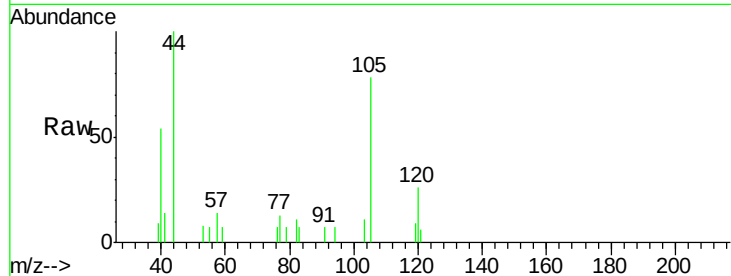
#84
 1,2,4-Trimethylbenzene
 Concen: 1.985 ug/l
 RT: 12.20 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VF061573.D
 Acq: 8 Feb 2019 22:35

Instrument :
 MSVOA_F
 ClientSampleId :
 SS2-RB200035RE

Tot Ion	Ratio	Lower	Upper
105	100		
120	33.1	24.9	74.6

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#95
 Naphthalene
 Concen: 1.518 ug/l
 RT: 14.45 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: VF061573.D
 Acq: 8 Feb 2019 22:35

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.5	14.3#
129	0.0	8.4	12.6#

