

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061319.D
 Acq On : 10 Jan 2019 1:45
 Operator : VA/AP
 Sample : K1082-27
 Misc : 5.37g/5mL/MSVOA-F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-1

Manual Integrations
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 1/10/2019 3:32:10 PM

Quant Time: Jan 10 07:12:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	109689	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	193577	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.80	117	161283	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	66091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	72542	59.42	ug/l	0.01
Spiked Amount 50.000			Recovery	=	118.84%	
35) Dibromofluoromethane	4.12	113	79713	53.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	107.64%	
50) Toluene-d8	7.57	98	209970	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.42	95	78700	41.12	ug/l	0.01
Spiked Amount 50.000			Recovery	=	82.24%	
Target Compounds						
16) Acetone	2.24	43	37009	130.308	ug/l #	89
20) Methylene Chloride	2.19	84	11138m	9.270	ug/l	
25) 2-Butanone	4.35	43	13558	29.660	ug/l #	89
52) Toluene	7.64	92	5968	1.759	ug/l	76

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

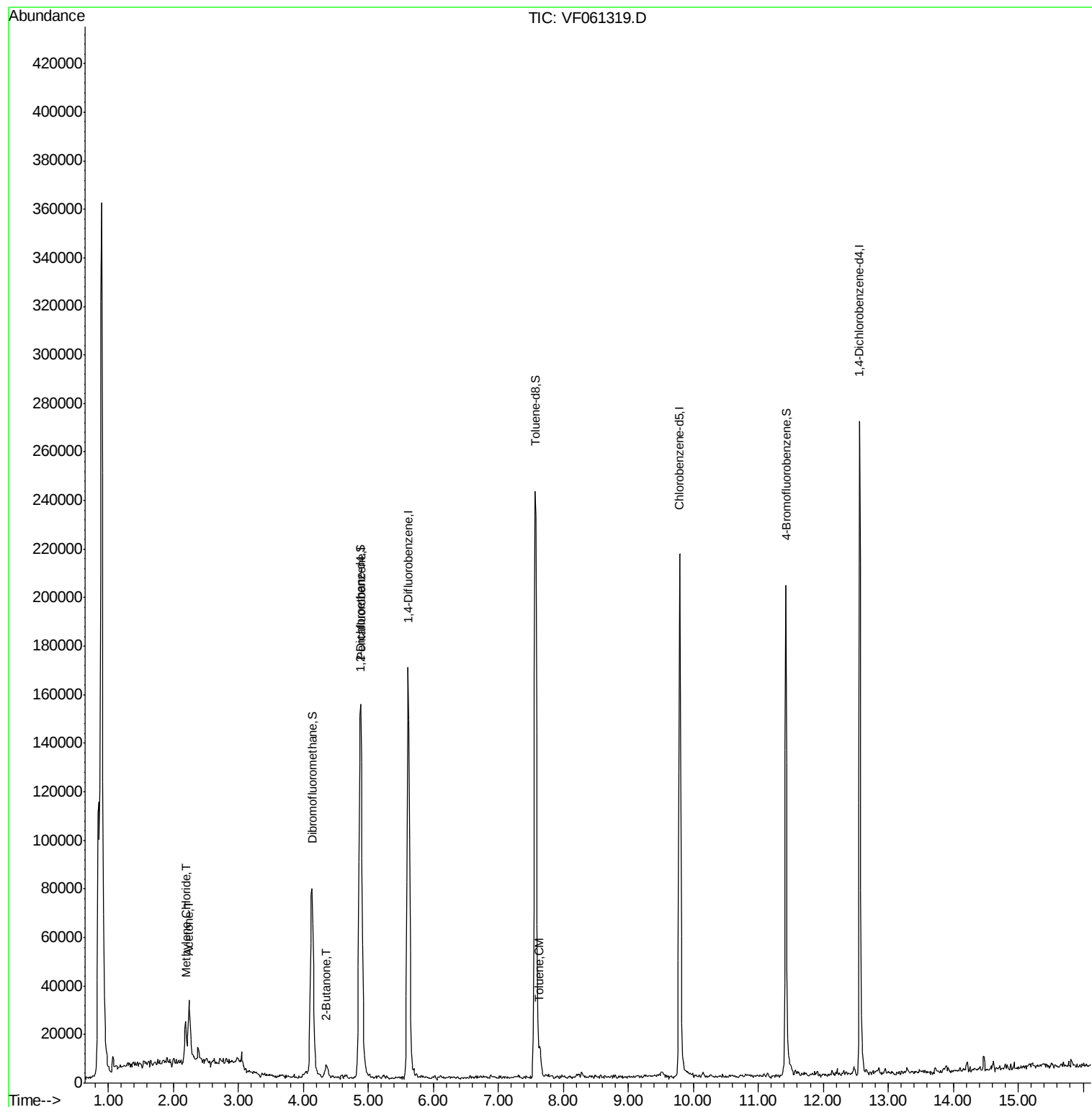
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF010919\
Data File : VF061319.D
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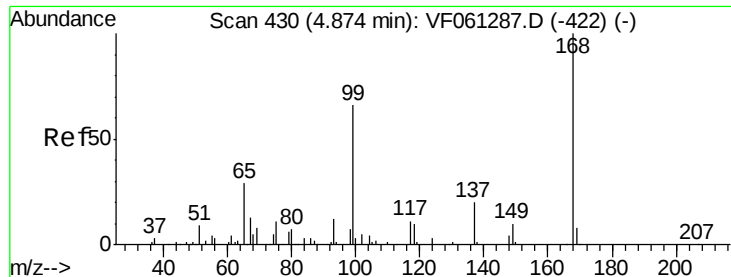
Instrument :
MSVOA_F
ClientSampleId :
SP-1-1

Manual Integrations
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Quant Time: Jan 10 07:12:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF061319.D

Acq: 10 Jan 2019 1:45

Instrument :

MSVOA_F

ClientSampleId :

SP-1-1

Tot Ion:168 Resp: 109689

Ion Ratio Lower Upper

168 100

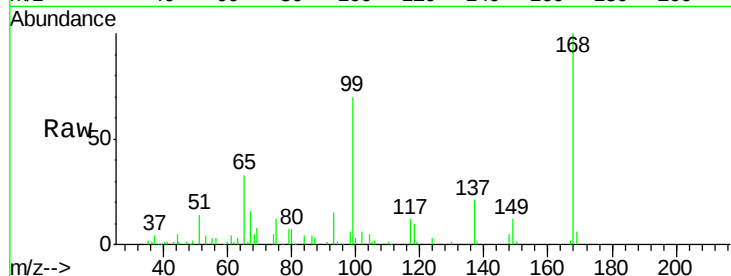
99 70.4 52.7 79.1

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

4.88

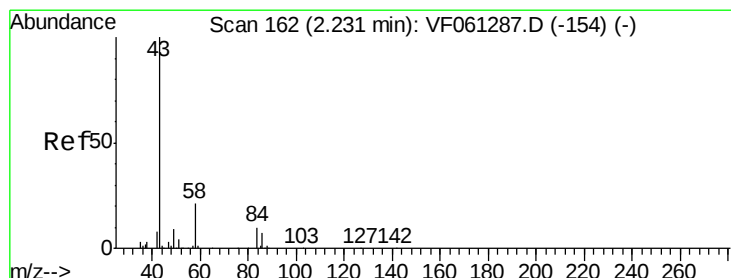
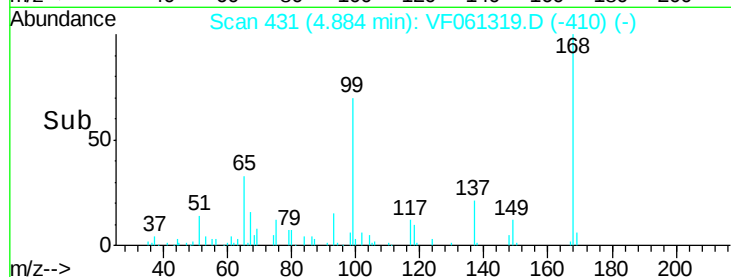
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 130.308 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061319.D

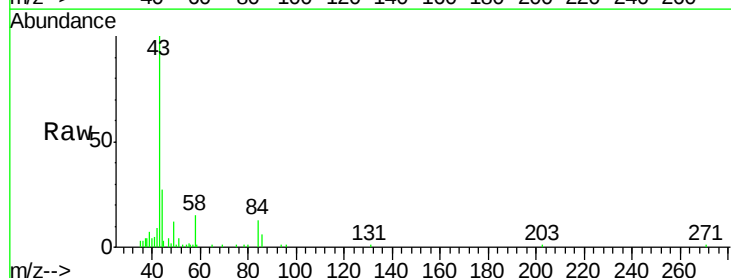
Acq: 10 Jan 2019 1:45

Tgt Ion: 43 Resp: 37009

Ion Ratio Lower Upper

43 100

58 15.5 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

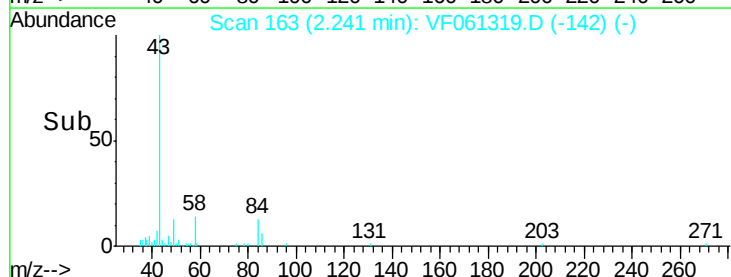
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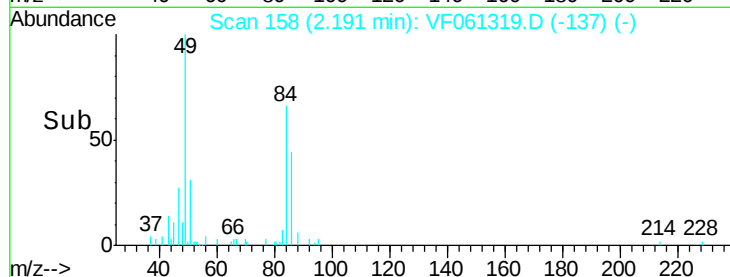
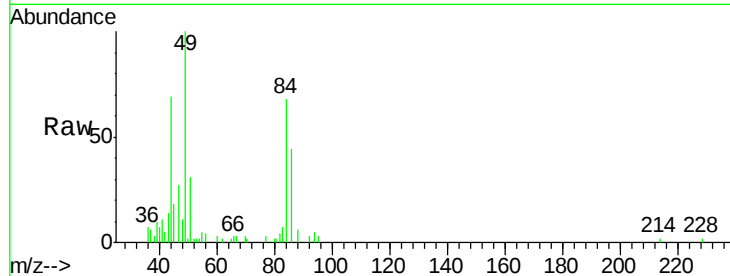
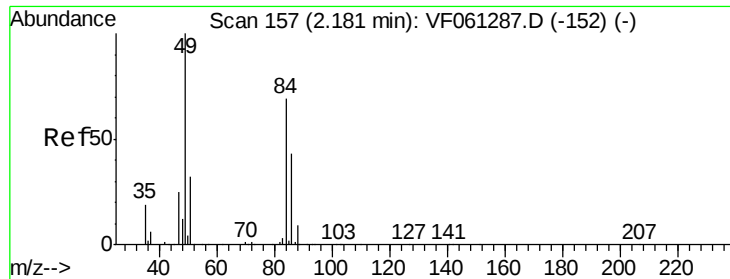
10000

5000

0

Time-->





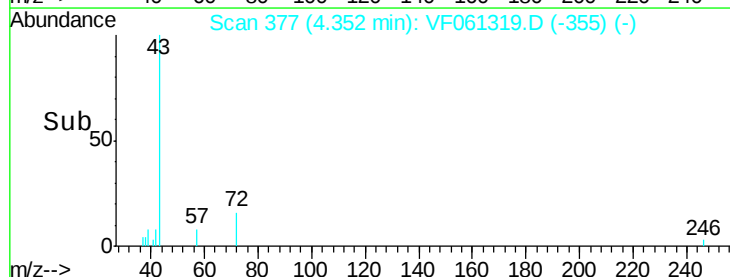
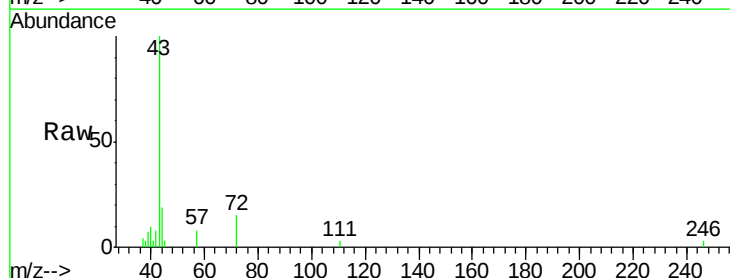
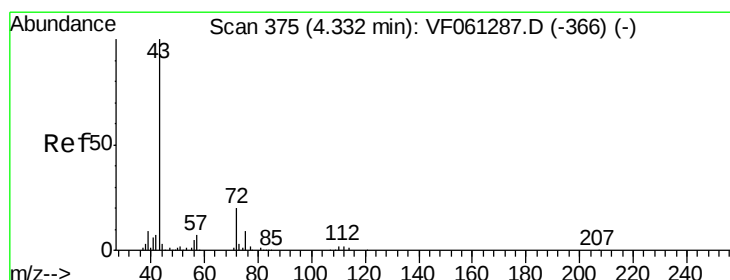
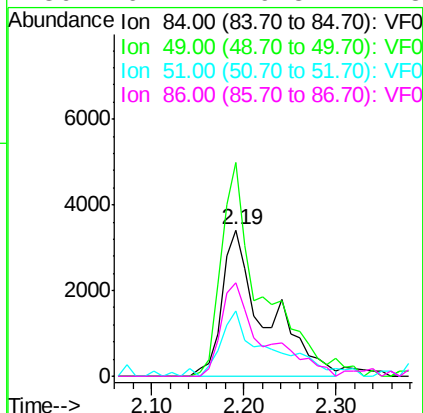
#20
Methvlene Chloride
Concen: 9.270 ug/l
RT: 2.19 min Scan# 158
Delta R.T. 0.01 min
Lab File: VF061319.D
Acq: 10 Jan 2019 1:45

Tot Ion	Ratio	Lower	Upper
84	100		
49	146.4	116.6	175.0
51	45.0	37.7	56.5
86	64.2	49.8	74.8

Instrument :
MSVOA_F
ClientSampleId :
SP-1-1

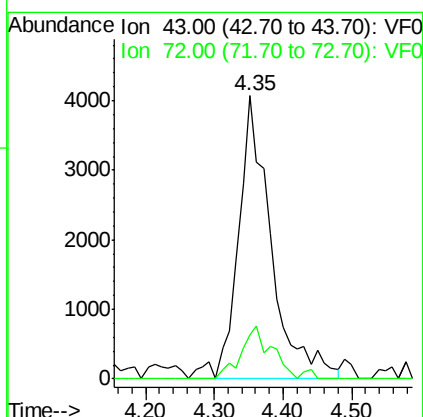
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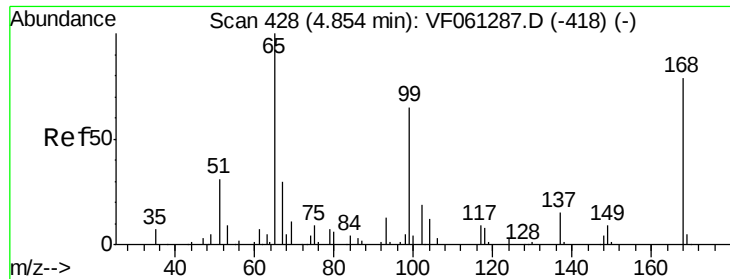
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#25
2-Butanone
Concen: 29.660 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.02 min
Lab File: VF061319.D
Acq: 10 Jan 2019 1:45

Tgt Ion	Ratio	Lower	Upper
43	100		
72	15.5	16.5	24.7#





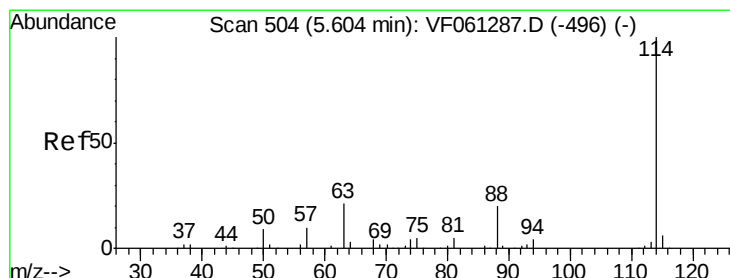
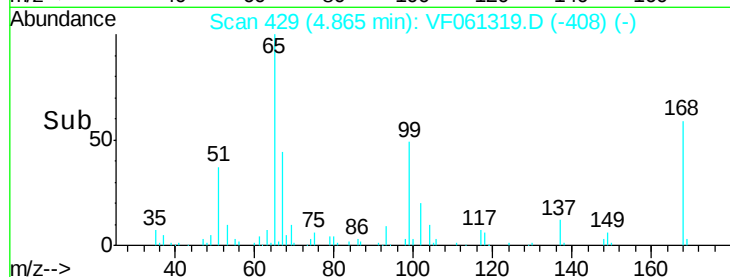
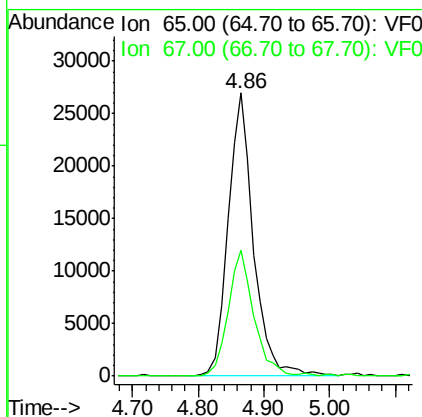
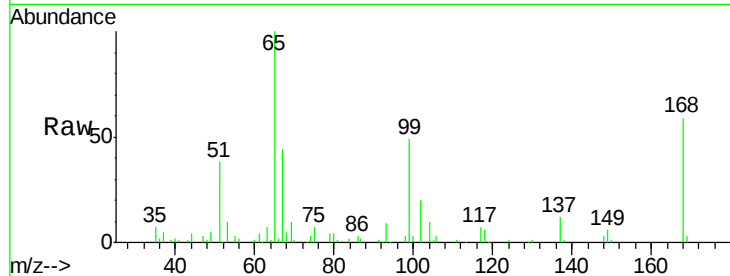
#33
 1,2-Dichloroethane-d4
 Concen: 59.417 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: VF061319.D
 Acq: 10 Jan 2019 1:45

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-1

Tot Ion	Ratio	Lower	Upper
65	100		
67	44.4	0.0	98.2

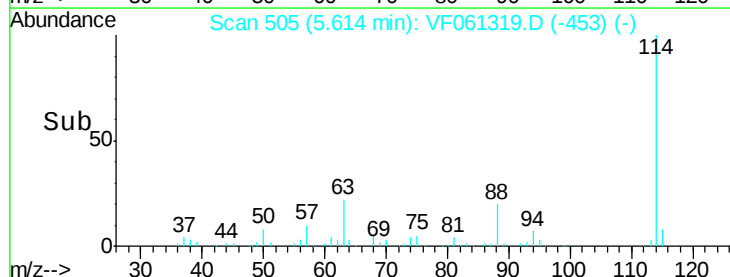
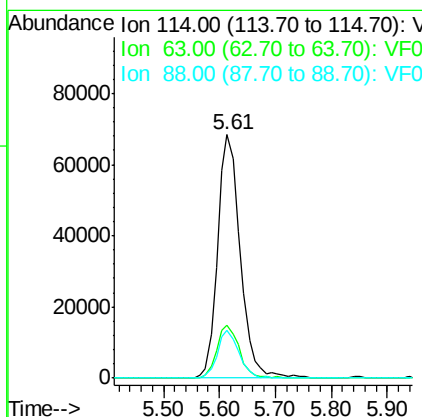
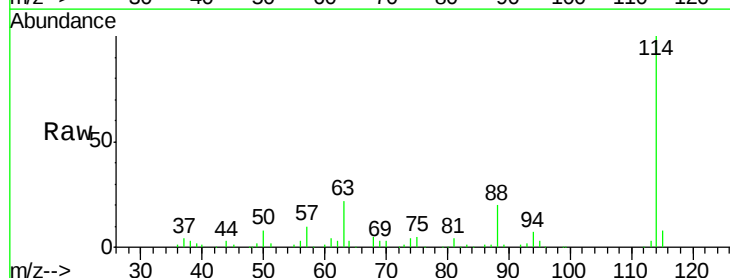
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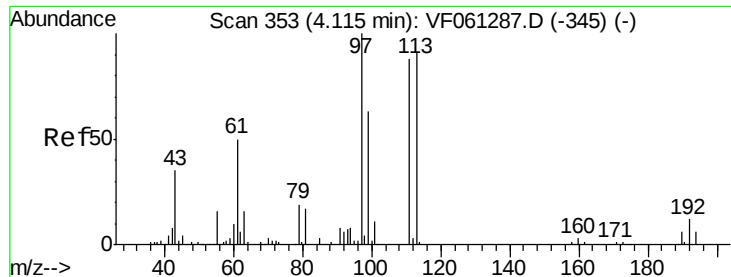
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: VF061319.D
 Acq: 10 Jan 2019 1:45

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	42.8
88	19.7	0.0	40.0





#35

Dibromofluoromethane

Concen: 53.817 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF061319.D

Acq: 10 Jan 2019 1:45

Instrument :

MSVOA_F

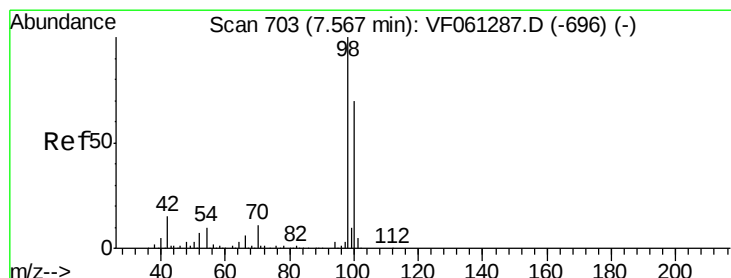
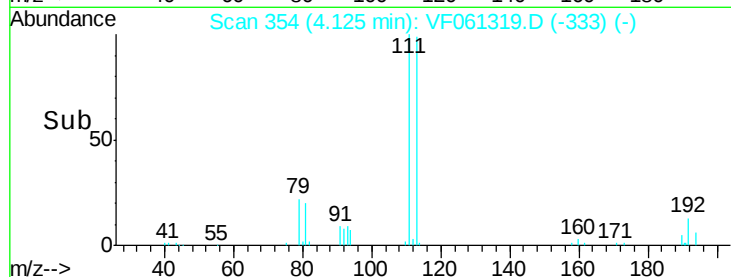
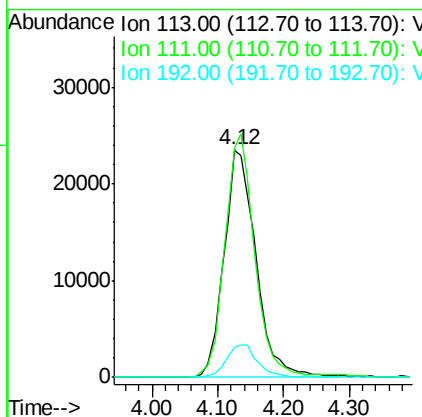
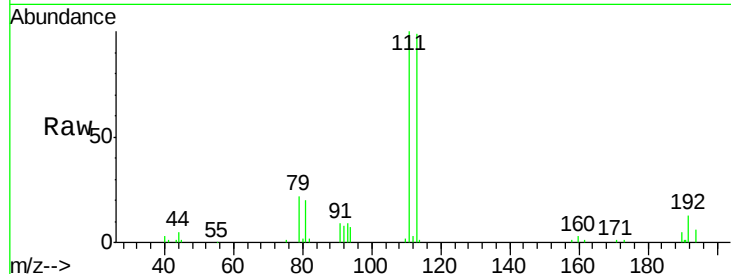
ClientSampleId :

SP-1-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	78.0	117.0
192	12.9	10.6	16.0

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#50

Toluene-d8

Concen: 47.903 ug/l

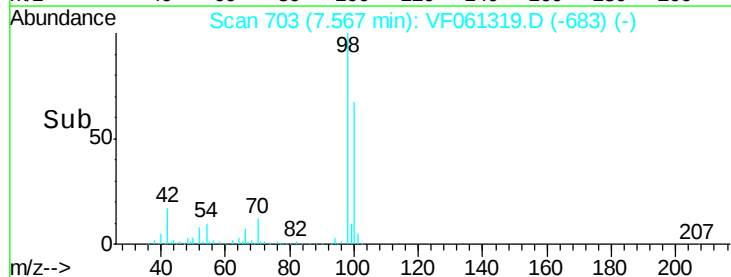
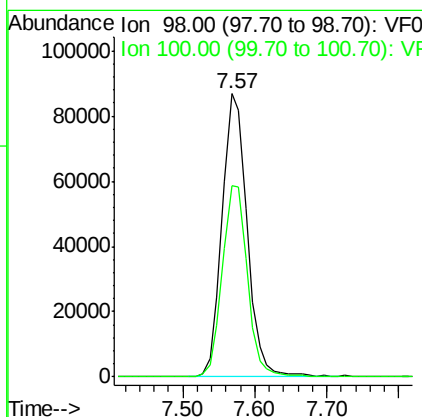
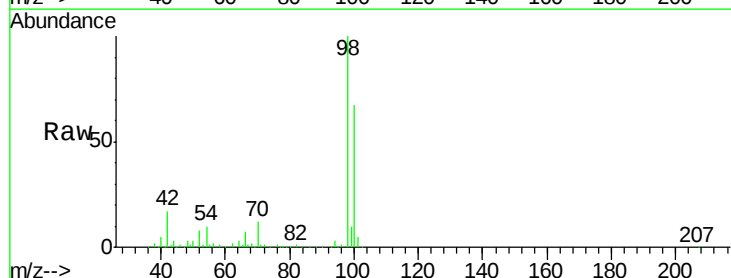
RT: 7.57 min Scan# 703

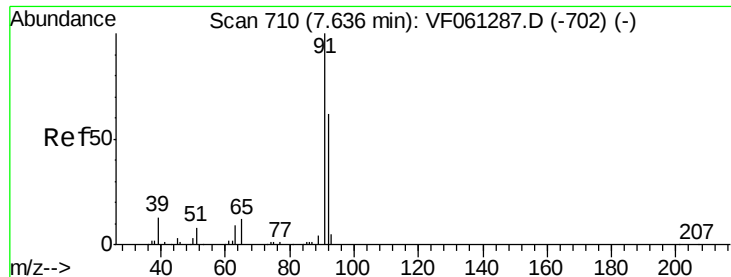
Delta R.T. 0.00 min

Lab File: VF061319.D

Acq: 10 Jan 2019 1:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	55.6	83.4





#52

Toluene

Concen: 1.759 ug/l

RT: 7.64 min Scan# 710

Delta R.T. 0.00 min

Lab File: VF061319.D

Acq: 10 Jan 2019 1:45

Instrument :

MSVOA_F

ClientSampleId :

SP-1-1

Tot Ion: 92 Resp: 5968

Ion Ratio Lower Upper

92 100

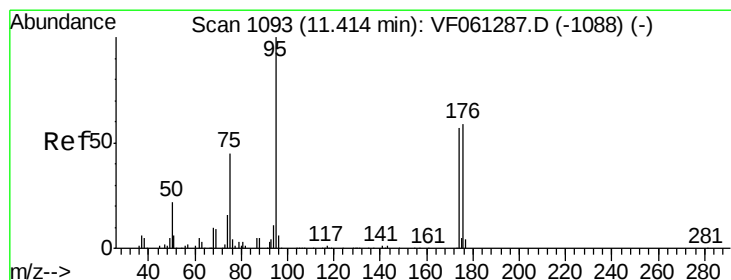
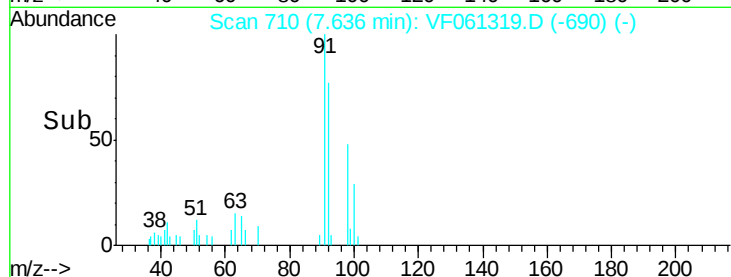
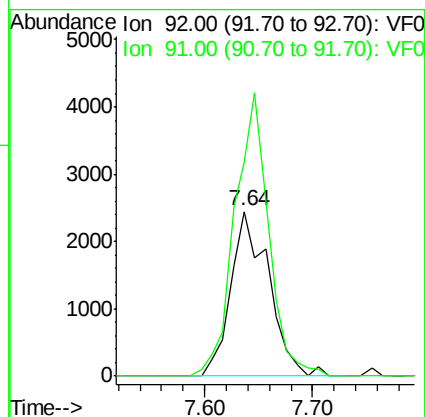
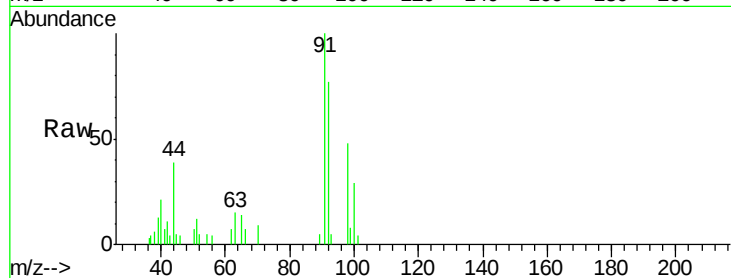
91 130.0 129.2 193.8

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#62

4-Bromofluorobenzene

Concen: 41.119 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF061319.D

Acq: 10 Jan 2019 1:45

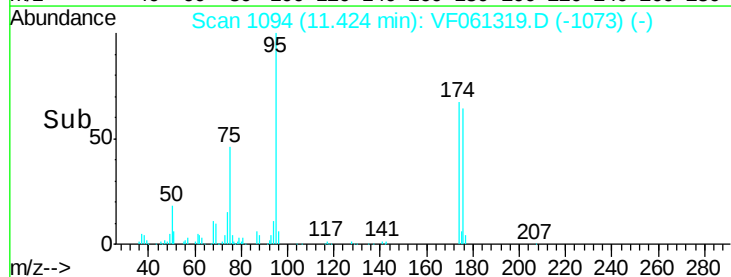
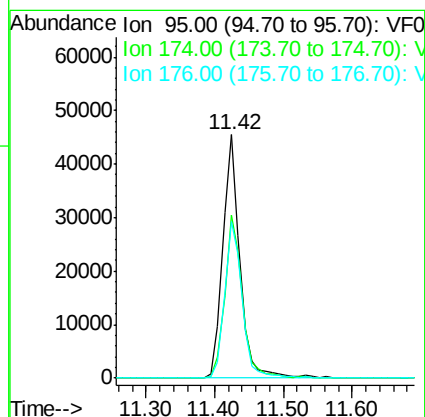
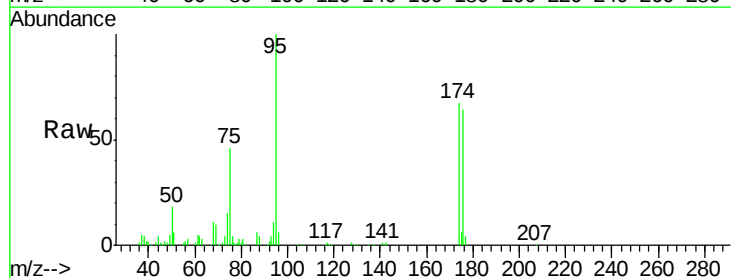
Tgt Ion: 95 Resp: 78700

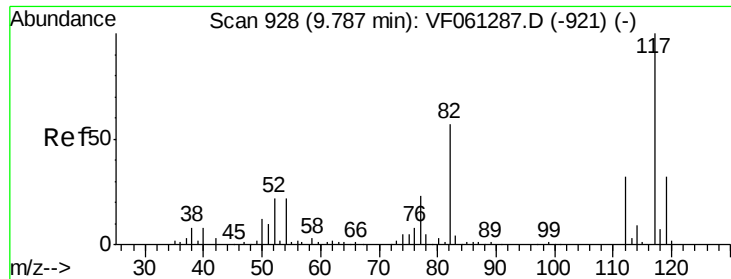
Ion Ratio Lower Upper

95 100

174 66.9 0.0 114.2

176 64.4 0.0 117.8





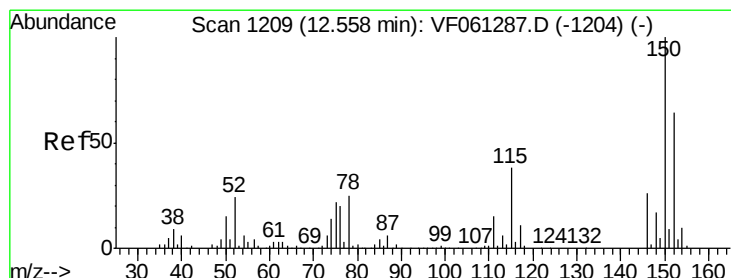
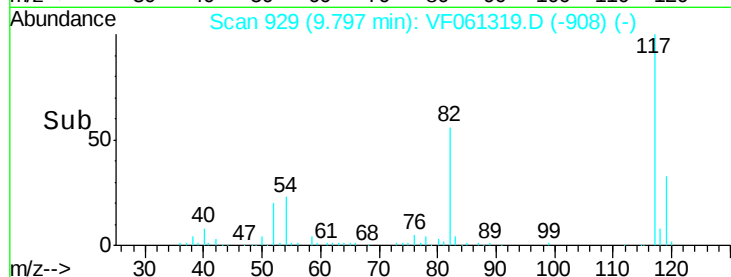
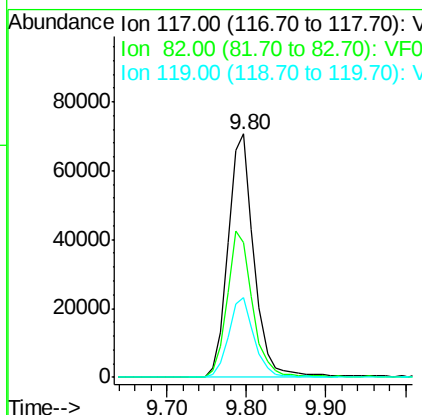
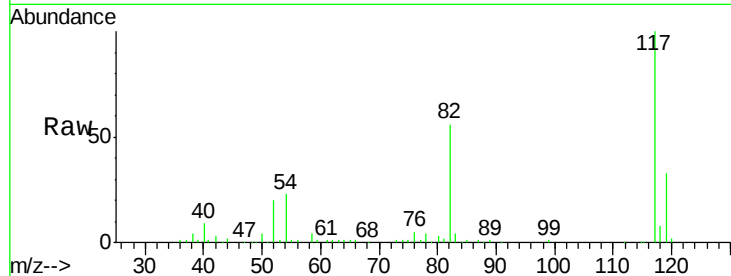
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF061319.D
Acq: 10 Jan 2019 1:45

Instrument :
MSVOA_F
ClientSampleId :
SP-1-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.3	67.9
119	33.0	25.4	38.0

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061319.D
Acq: 10 Jan 2019 1:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.2	29.6	88.9
150	161.6	0.0	315.4

