

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
 Data File : VF061091.D
 Acq On : 19 Dec 2018 18:08
 Operator : VA/AP
 Sample : J6388-13
 Misc : 5.63g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS010-1824-01

Manual Integrations
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 12/20/2018 10:29:43 AM

Quant Time: Dec 20 03:13:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	175866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	318482	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	217908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	58584	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	123640	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
35) Dibromofluoromethane	4.11	113	127224	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	7.56	98	246193	34.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.10%	
62) 4-Bromofluorobenzene	11.41	95	77329	23.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.24	84	12594m	4.641	ug/l	

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

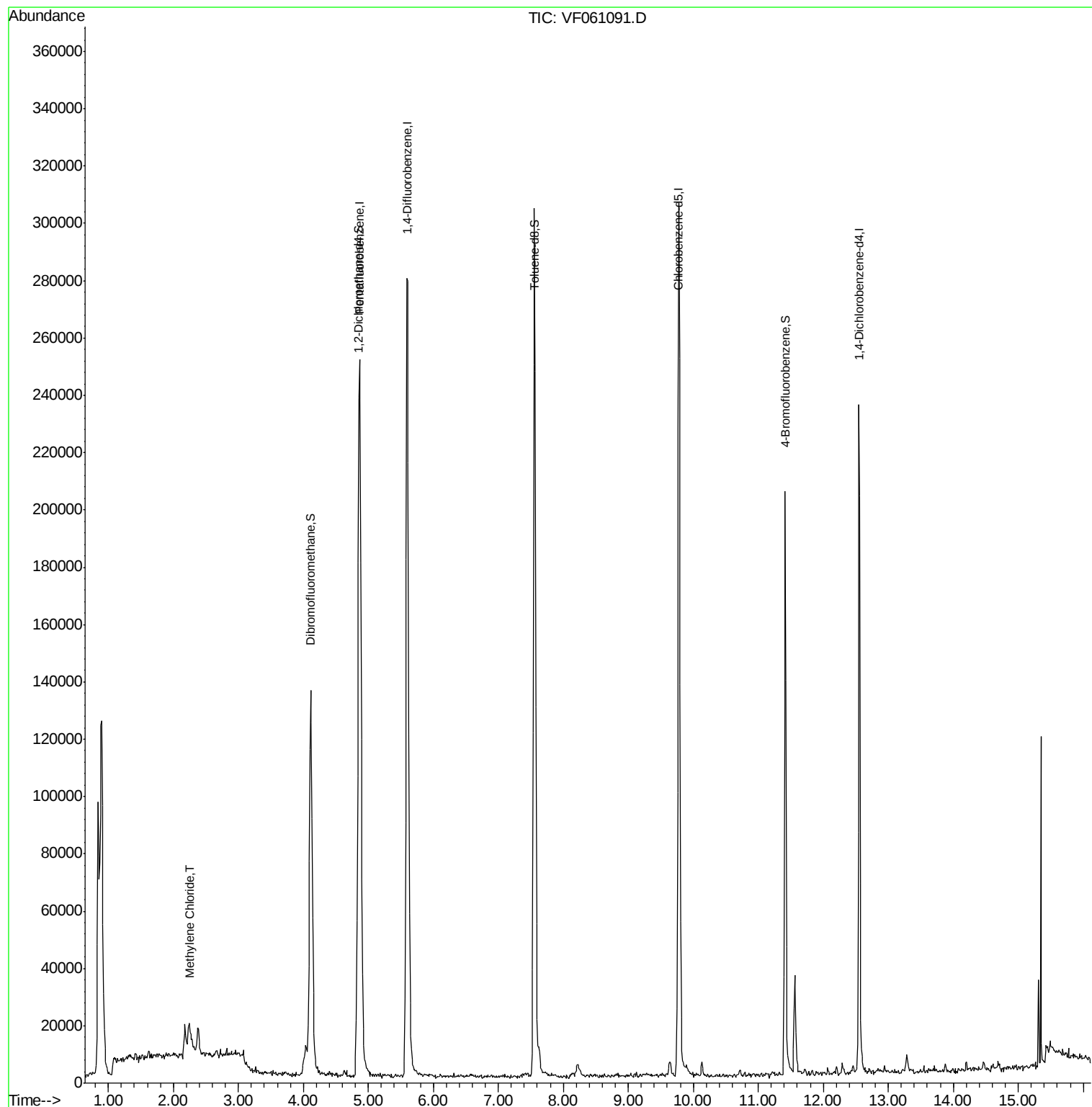
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
Data File : VF061091.D
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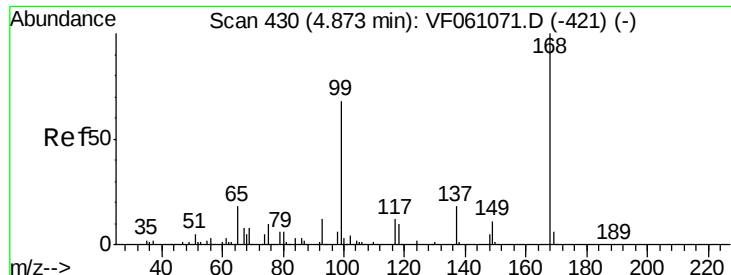
Instrument :
MSVOA_F
ClientSampleId :
P001-SS010-1824-01

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Quant Time: Dec 20 03:13:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF061091.D

Acq: 19 Dec 2018 18:08

Instrument :

MSVOA_F

ClientSampleId :

P001-SS010-1824-01

Tgt Ion: 168 Resp: 175866

Ion Ratio Lower Upper

168 100

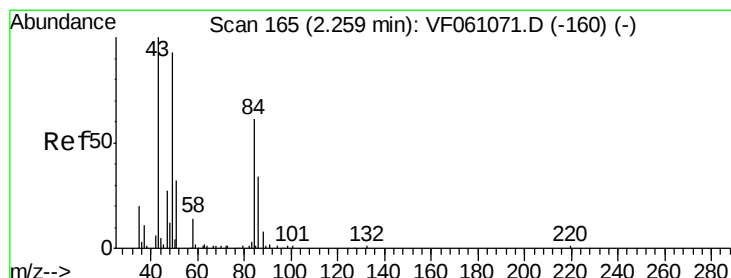
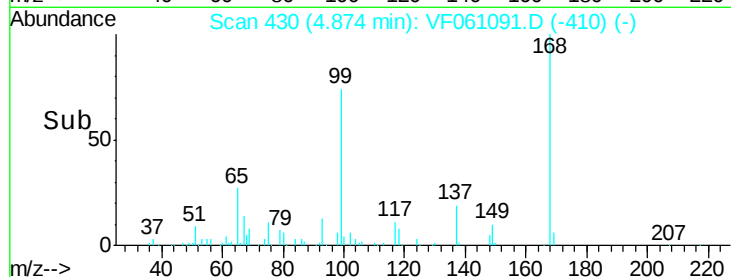
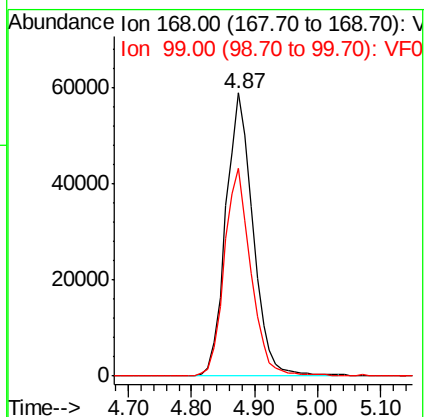
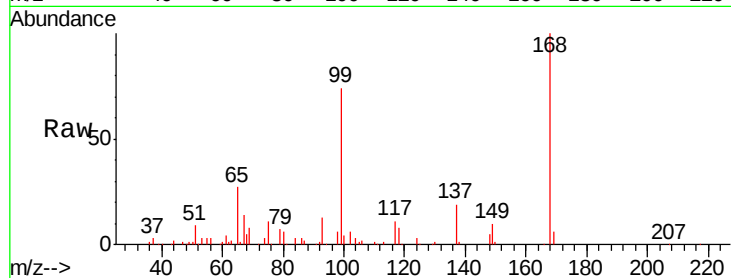
99 73.6 54.4 81.6

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#20

Methylene Chloride

Concen: 4.641 ug/l m

RT: 2.24 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF061091.D

Acq: 19 Dec 2018 18:08

Tgt Ion: 84 Resp: 12594

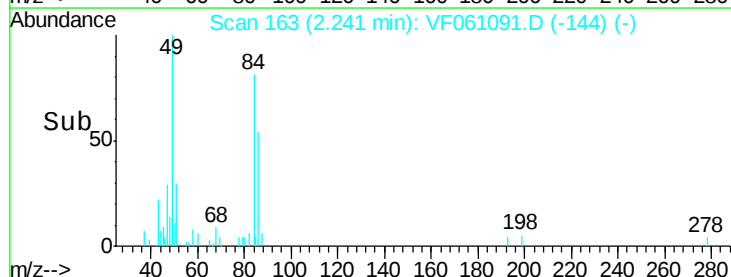
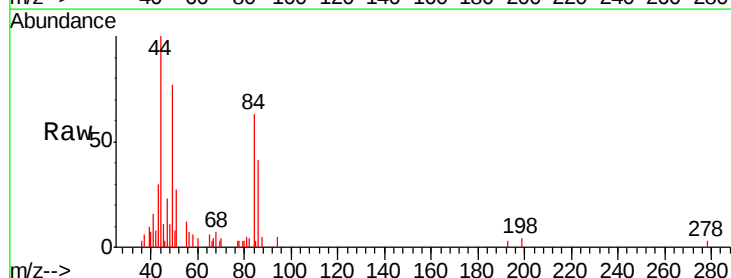
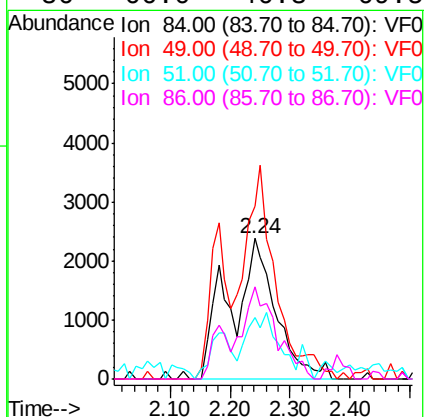
Ion Ratio Lower Upper

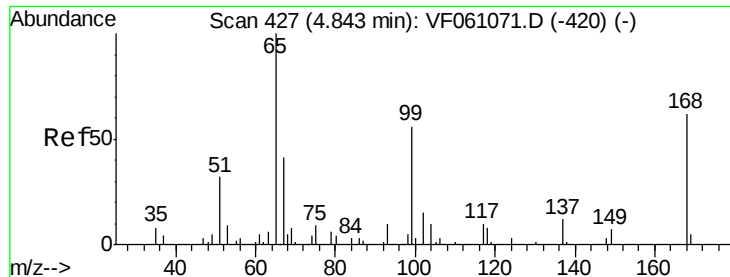
84 100

49 122.9 129.4 194.2#

51 43.8 44.0 66.0#

86 66.0 46.3 69.5





#33

1,2-Dichloroethane-d4

Concen: 54.661 ug/l

RT: 4.84 min Scan# 427

Delta R.T. 0.00 min

Lab File: VF061091.D

Acq: 19 Dec 2018 18:08

Instrument :

MSVOA_F

ClientSampleId :

P001-SS010-1824-01

Tgt Ion: 65 Resp: 123640

Ion Ratio Lower Upper

65 100

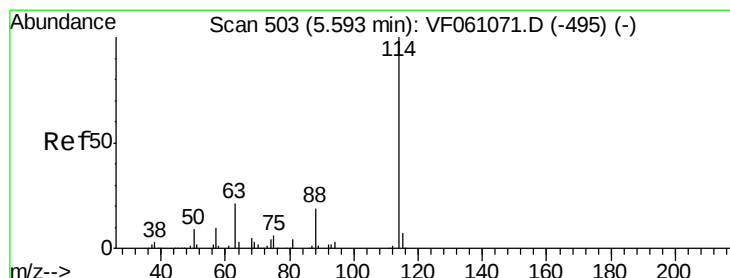
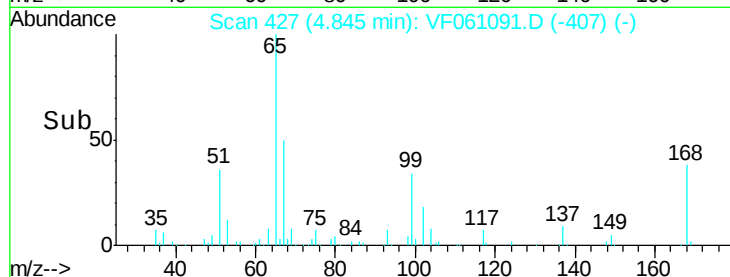
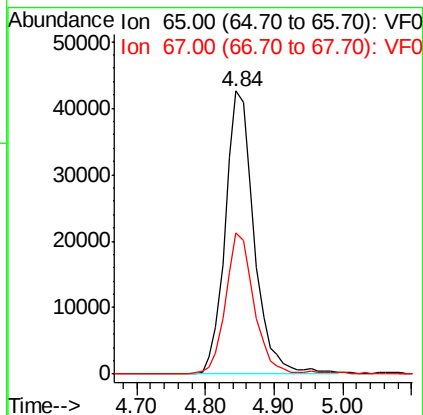
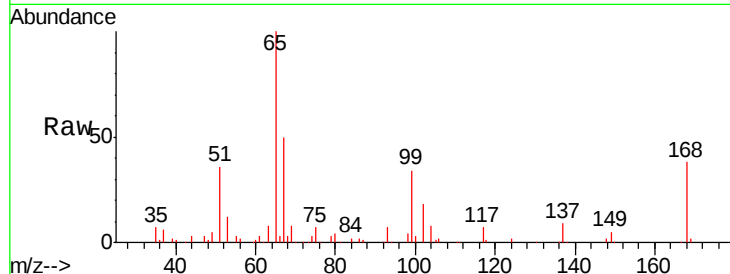
67 49.9 0.0 94.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.01 min

Lab File: VF061091.D

Acq: 19 Dec 2018 18:08

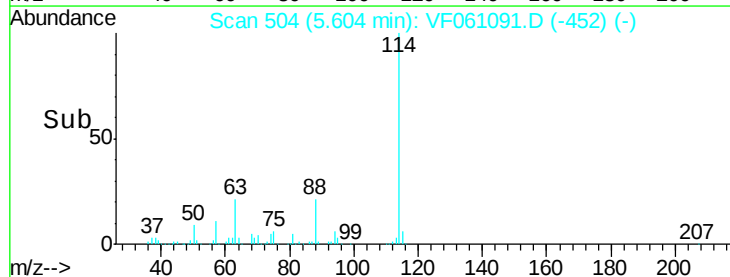
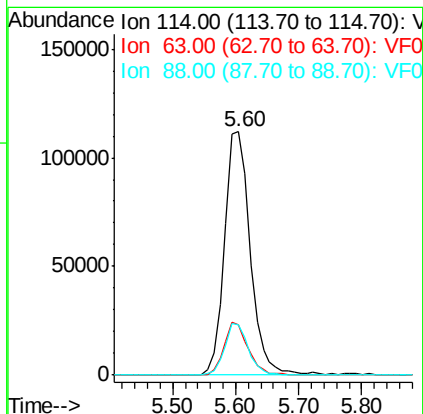
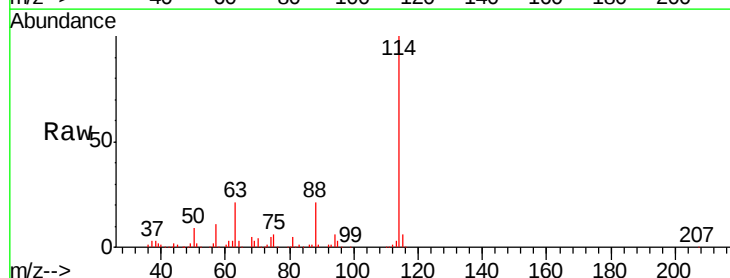
Tgt Ion: 114 Resp: 318482

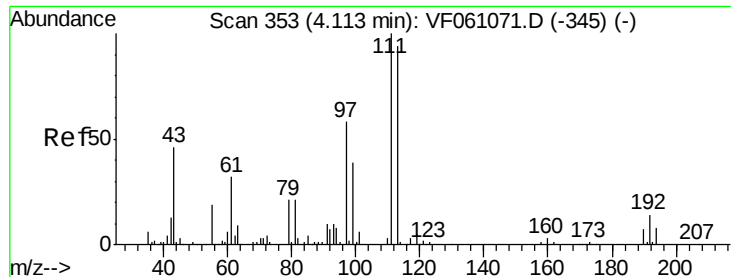
Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.6

88 20.7 0.0 38.0





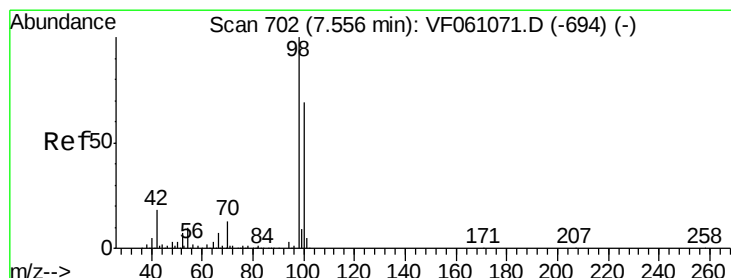
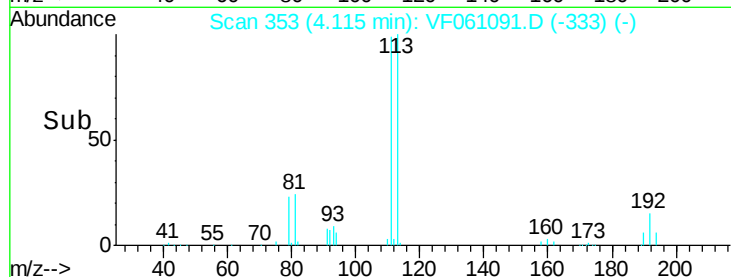
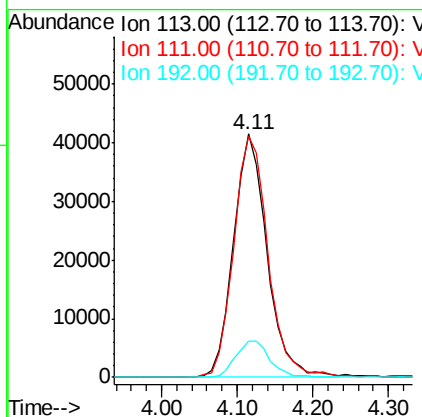
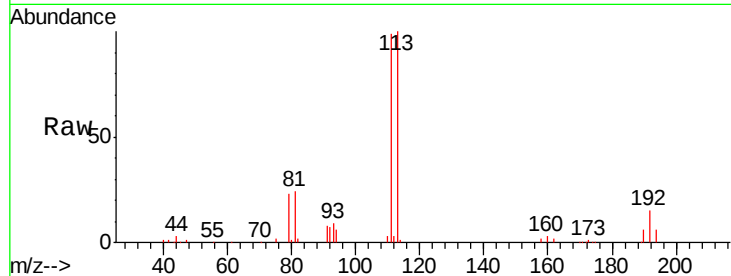
#35
Dibromofluoromethane
Concen: 49.868 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Instrument :
MSVOA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
113	100	127224		
111	99.2	85.2	127.8	
192	15.1	12.8	19.2	

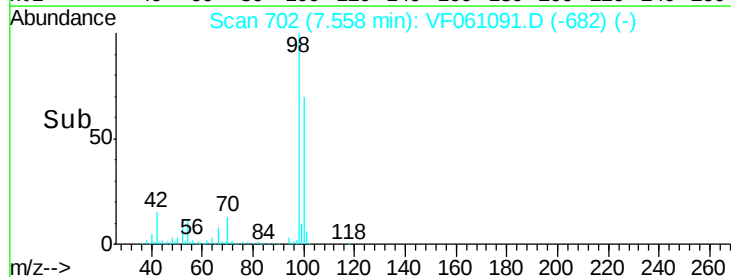
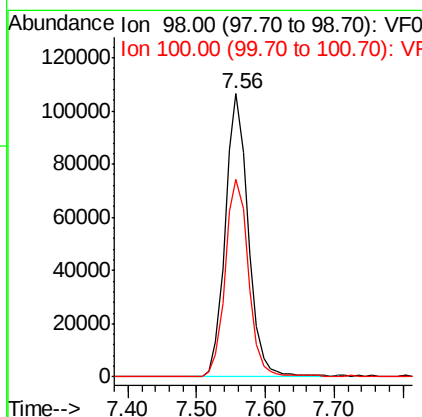
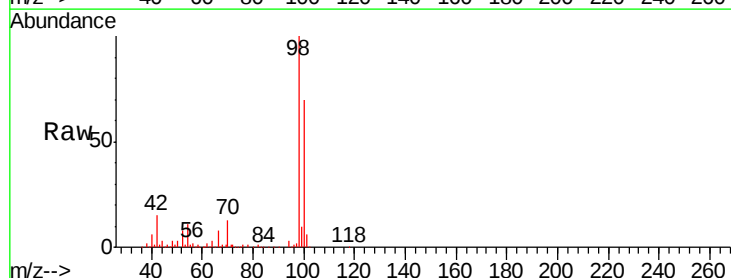
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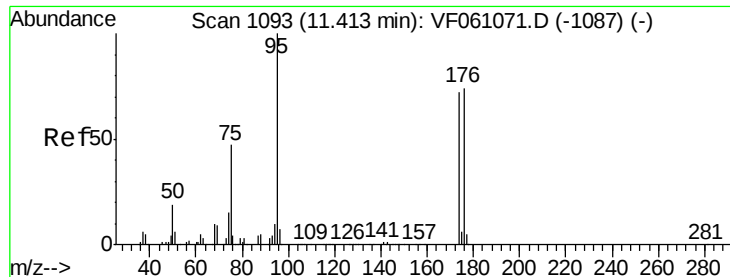
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#50
Toluene-d8
Concen: 34.052 ug/l
RT: 7.56 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	246193		
100	69.9	55.3	82.9	





#62

4-Bromofluorobenzene

Concen: 23.201 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VF061091.D

Acq: 19 Dec 2018 18:08

Instrument :

MSVOA_F

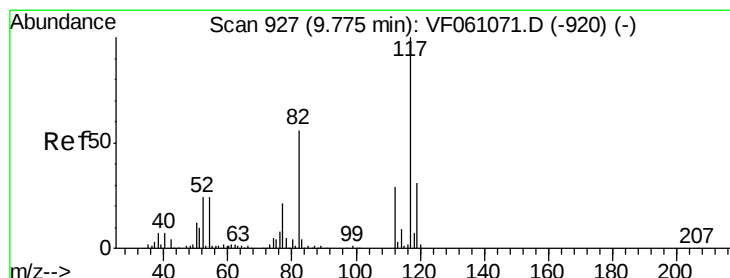
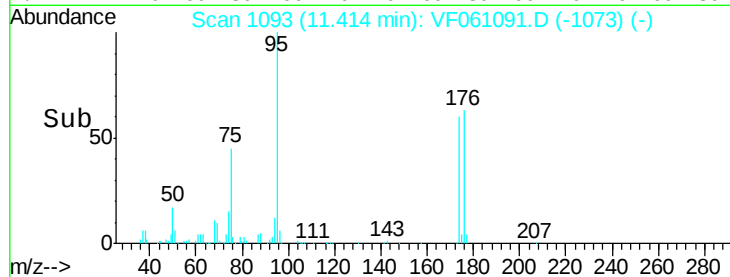
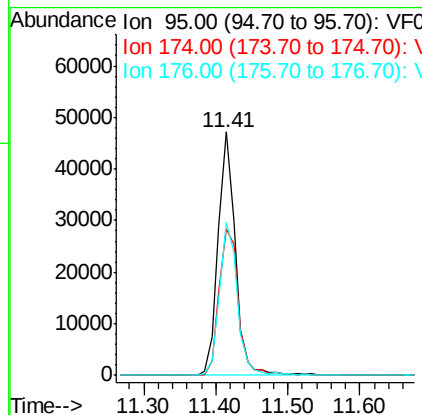
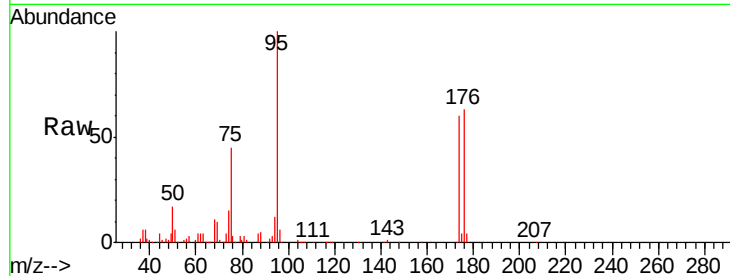
ClientSampleId :

P001-SS010-1824-01

Tgt Ion:	95	Resp:	77329
Ion Ratio	Lower	Upper	
95	100		
174	60.0	0.0	143.8
176	62.8	0.0	147.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

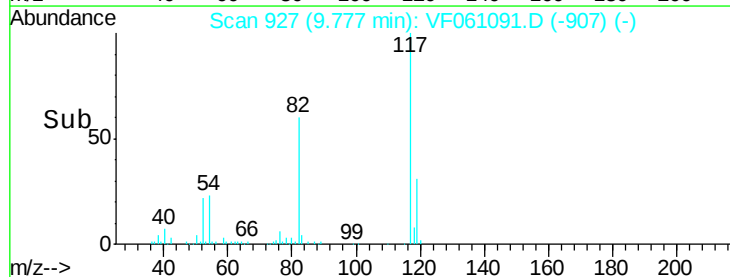
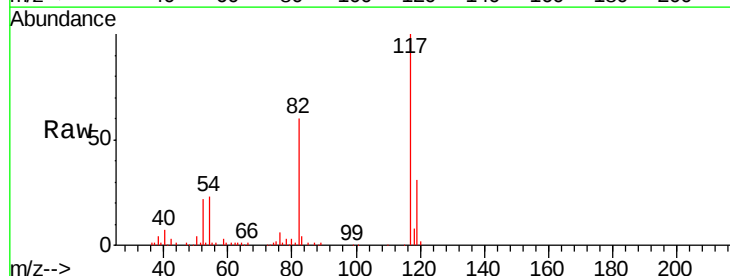
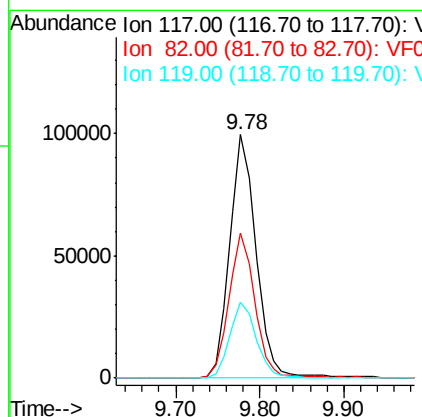
RT: 9.78 min Scan# 927

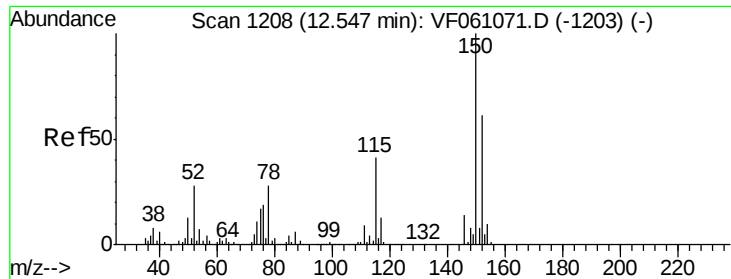
Delta R.T. 0.00 min

Lab File: VF061091.D

Acq: 19 Dec 2018 18:08

Tgt Ion:	117	Resp:	217908
Ion Ratio	Lower	Upper	
117	100		
82	59.7	45.0	67.4
119	31.3	24.8	37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VF061091.D

Acq: 19 Dec 2018 18:08

Instrument :

MSVOA_F

ClientSampleId :

P001-SS010-1824-01

Tgt Ion:152 Resp: 58584

Ion Ratio Lower Upper

152 100

115 63.6 33.3 99.9

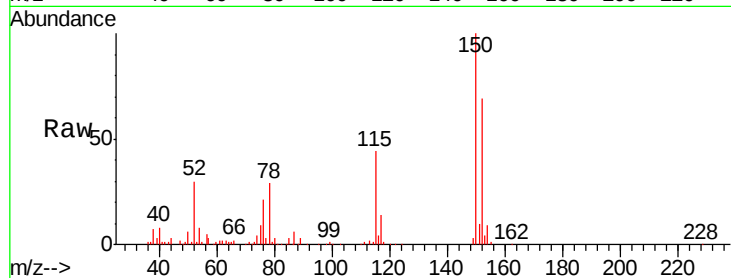
150 144.6 0.0 328.2

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Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

