

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122618\
 Data File : VF061185.D
 Acq On : 26 Dec 2018 13:42
 Operator : VA/AP
 Sample : J6447-05
 Misc : 5.86g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS024-1824-01

Quant Time: Dec 27 00:39:21 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	4.85	168	3997	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	6550	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	3884	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	745	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	1227	23.87	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	47.74%	
35) Dibromofluoromethane	4.11	113	1833	34.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	69.86%	
50) Toluene-d8	7.53	98	6439	43.30	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	86.60%	
62) 4-Bromofluorobenzene	11.41	95	1363	19.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	39.76%	

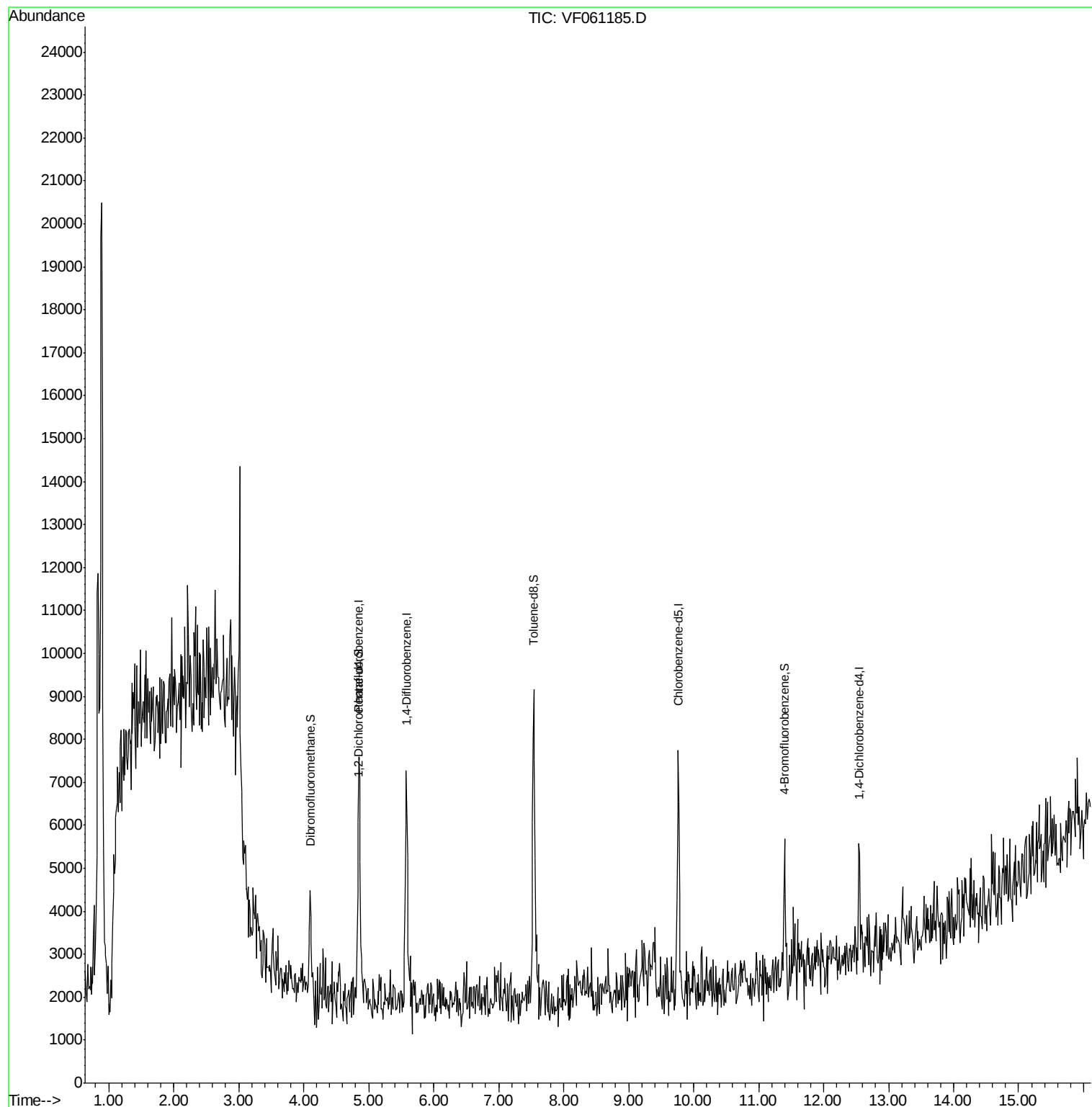
Target Compounds	Qvalue

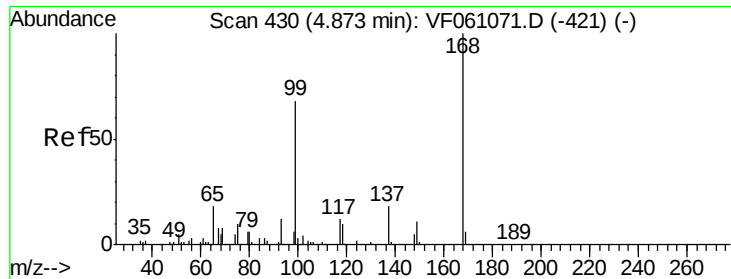
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061185.D

Acq: 26 Dec 2018 13:42

Instrument :

MSVOA_F

ClientSampleId :

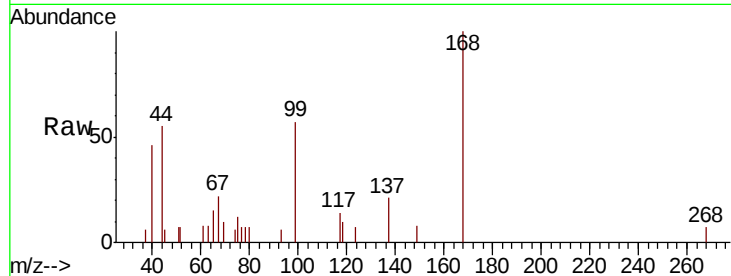
P001-SS024-1824-01

Tot Ion:168 Resp: 3997

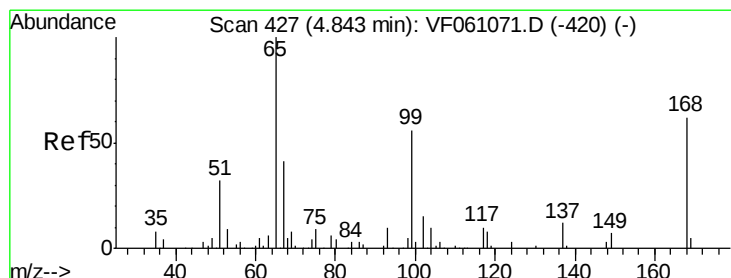
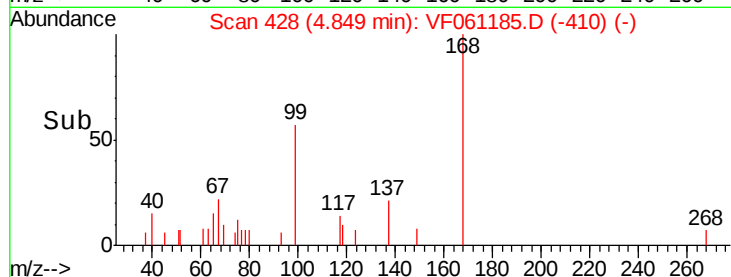
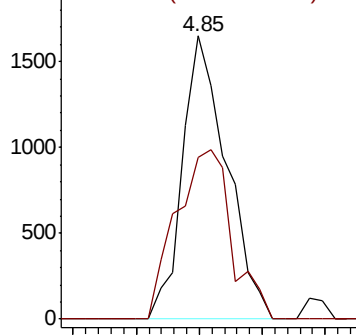
Ion Ratio Lower Upper

168 100

99 57.2 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 23.868 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061185.D

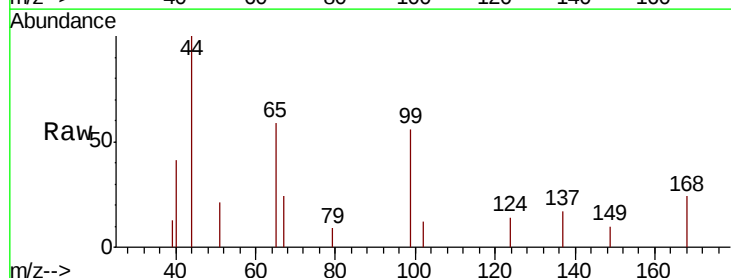
Acq: 26 Dec 2018 13:42

Tgt Ion: 65 Resp: 1227

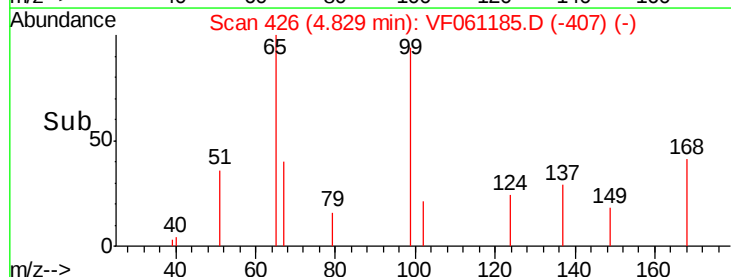
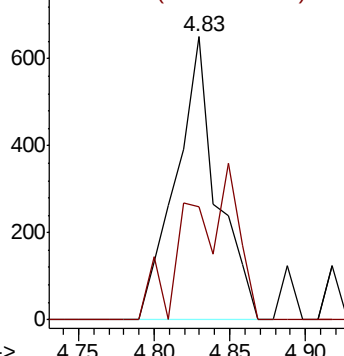
Ion Ratio Lower Upper

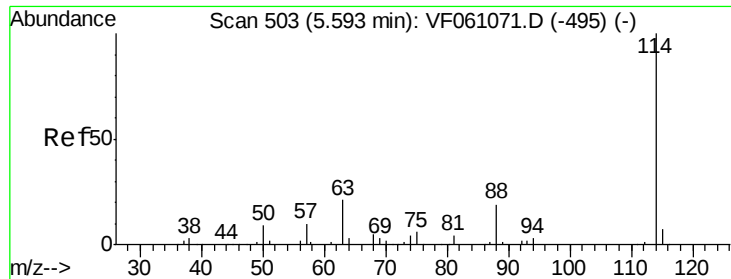
65 100

67 39.8 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

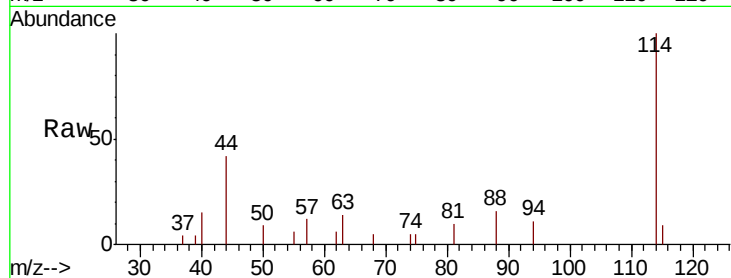




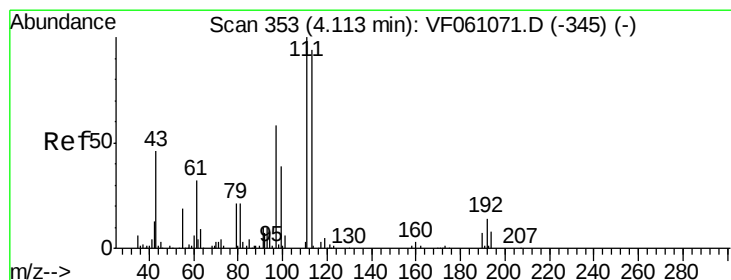
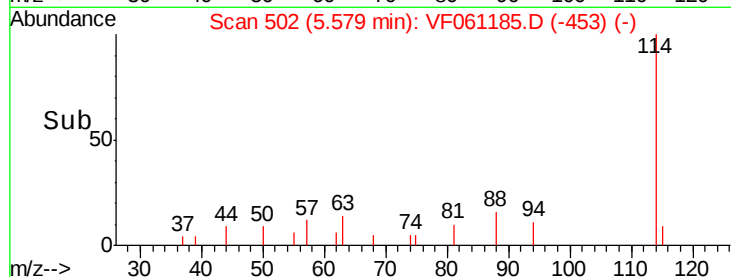
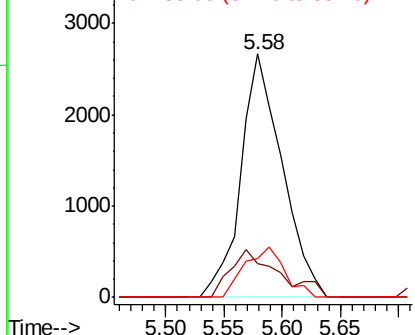
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: VF061185.D
 Acq: 26 Dec 2018 13:42

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS024-1824-01

Tot Ion:114 Resp: 6550
 Ion Ratio Lower Upper
 114 100
 63 13.8 0.0 41.6
 88 16.0 0.0 38.0

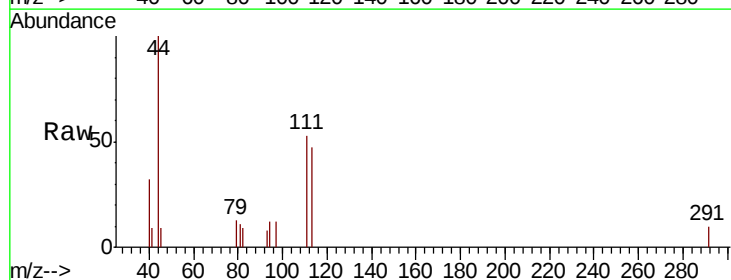


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

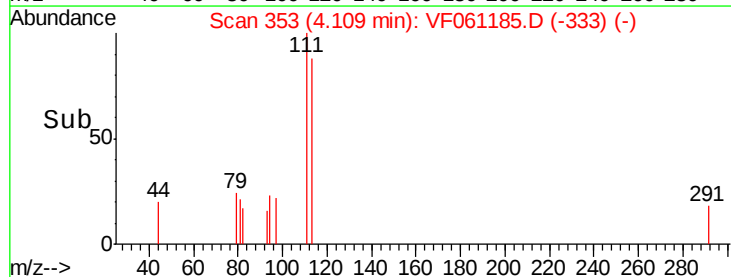
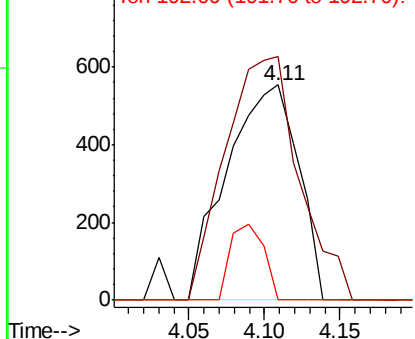


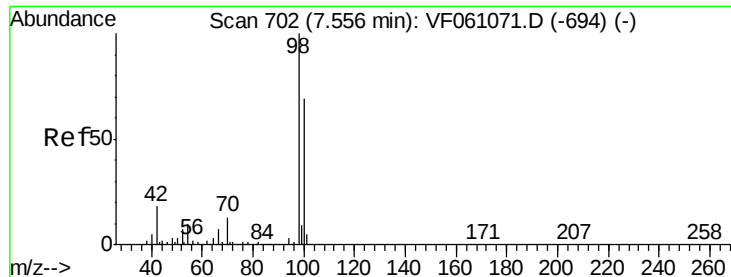
#35
 Dibromofluoromethane
 Concen: 34.935 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VF061185.D
 Acq: 26 Dec 2018 13:42

Tgt Ion:113 Resp: 1833
 Ion Ratio Lower Upper
 113 100
 111 113.2 85.2 127.8
 192 0.0 12.8 19.2#



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

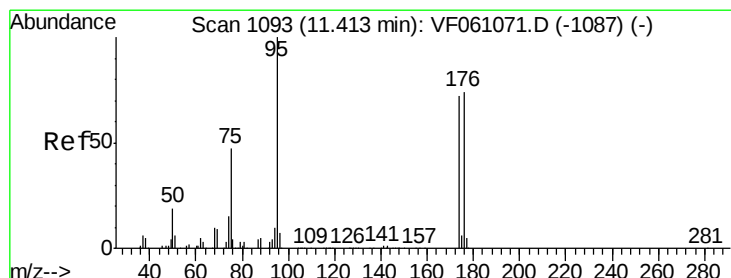
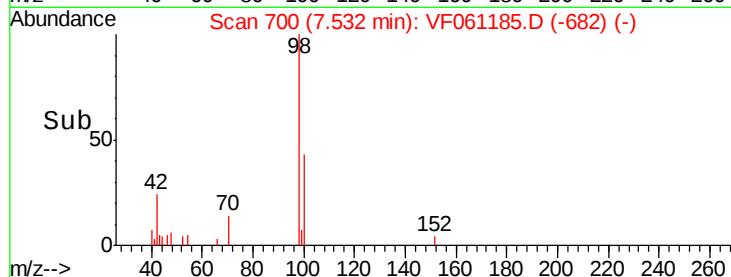
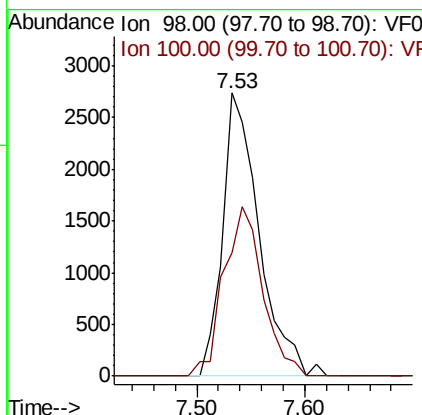
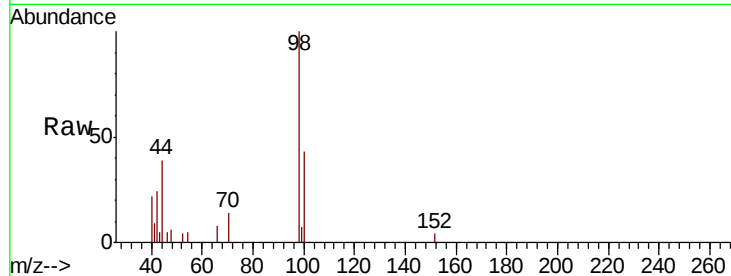




#50
Toluene-d8
Concen: 43.304 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061185.D
Acq: 26 Dec 2018 13:42

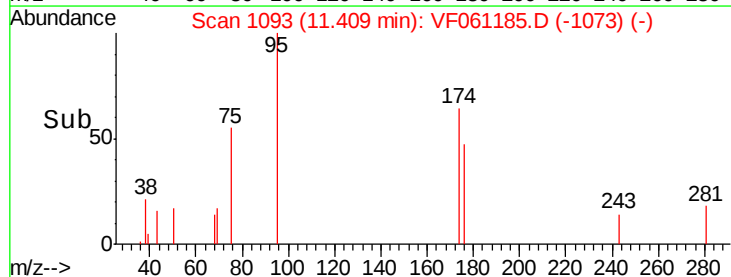
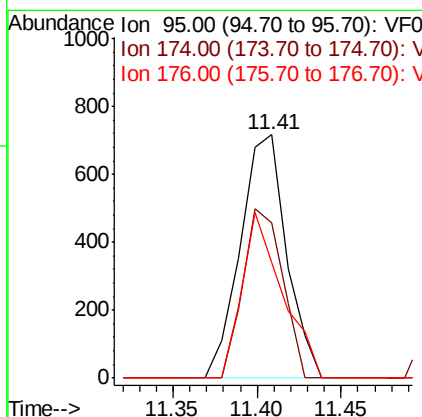
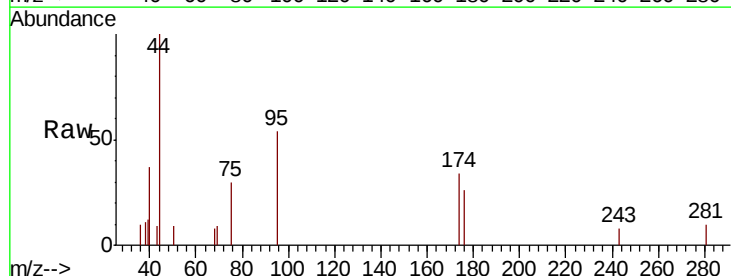
Instrument :
MSVOA_F
ClientSampleId :
P001-SS024-1824-01

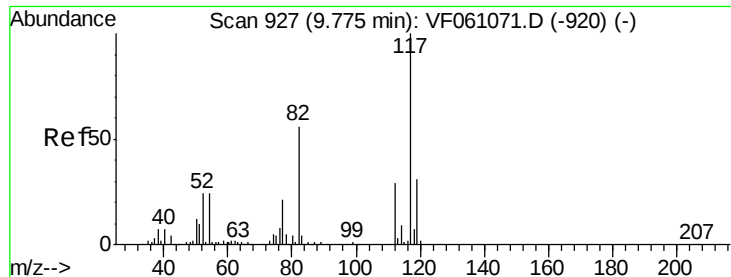
Tot Ion: 98 Resp: 6439
Ion Ratio Lower Upper
98 100
100 43.4 55.3 82.9#



#62
4-Bromofluorobenzene
Concen: 19.884 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061185.D
Acq: 26 Dec 2018 13:42

Tgt Ion: 95 Resp: 1363
Ion Ratio Lower Upper
95 100
174 63.6 0.0 143.8
176 47.4 0.0 147.6

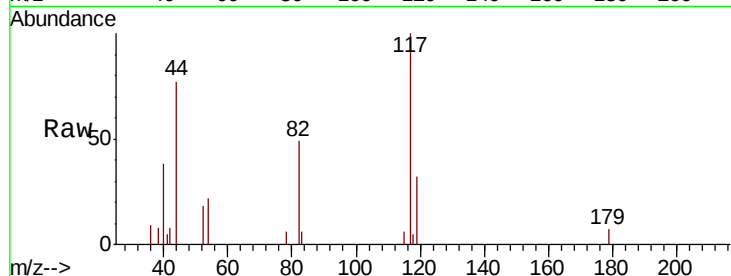




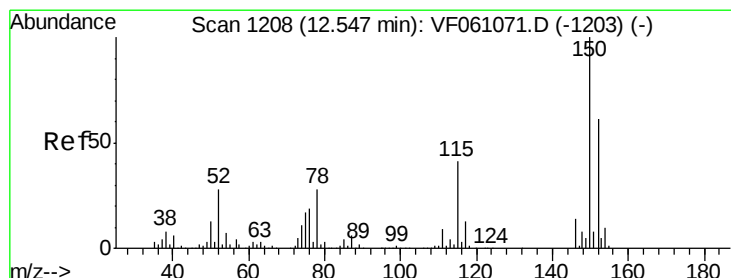
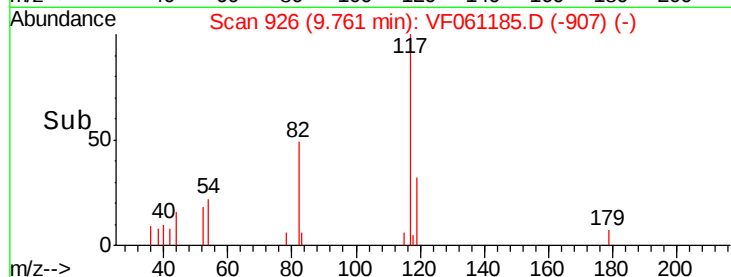
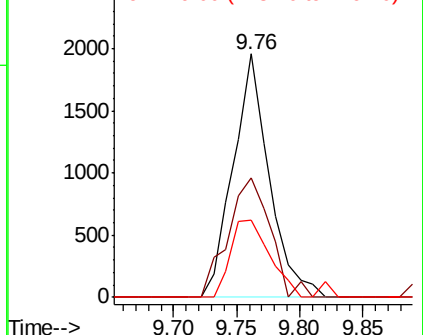
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061185.D
Acq: 26 Dec 2018 13:42

Instrument :
MSVOA_F
ClientSampleId :
P001-SS024-1824-01

Tot Ion:117 Resp: 3884
Ion Ratio Lower Upper
117 100
82 49.1 45.0 67.4
119 31.5 24.8 37.2

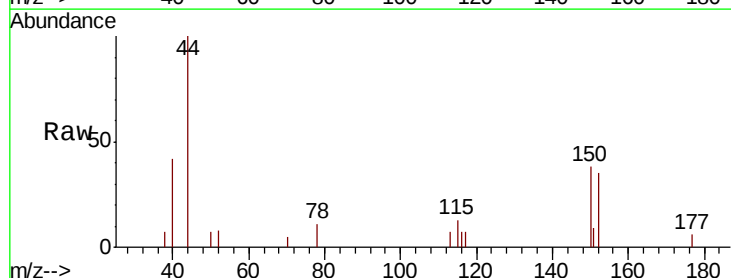


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061185.D
Acq: 26 Dec 2018 13:42

Tgt Ion:152 Resp: 745
Ion Ratio Lower Upper
152 100
115 36.2 33.3 99.9
150 108.2 0.0 328.2



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

