

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022719\
 Data File : VF061770.D
 Acq On : 27 Feb 2019 17:04
 Operator : VA/AP
 Sample : K1645-11
 Misc : 4.69g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SR-9-D

Quant Time: Feb 28 01:07:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

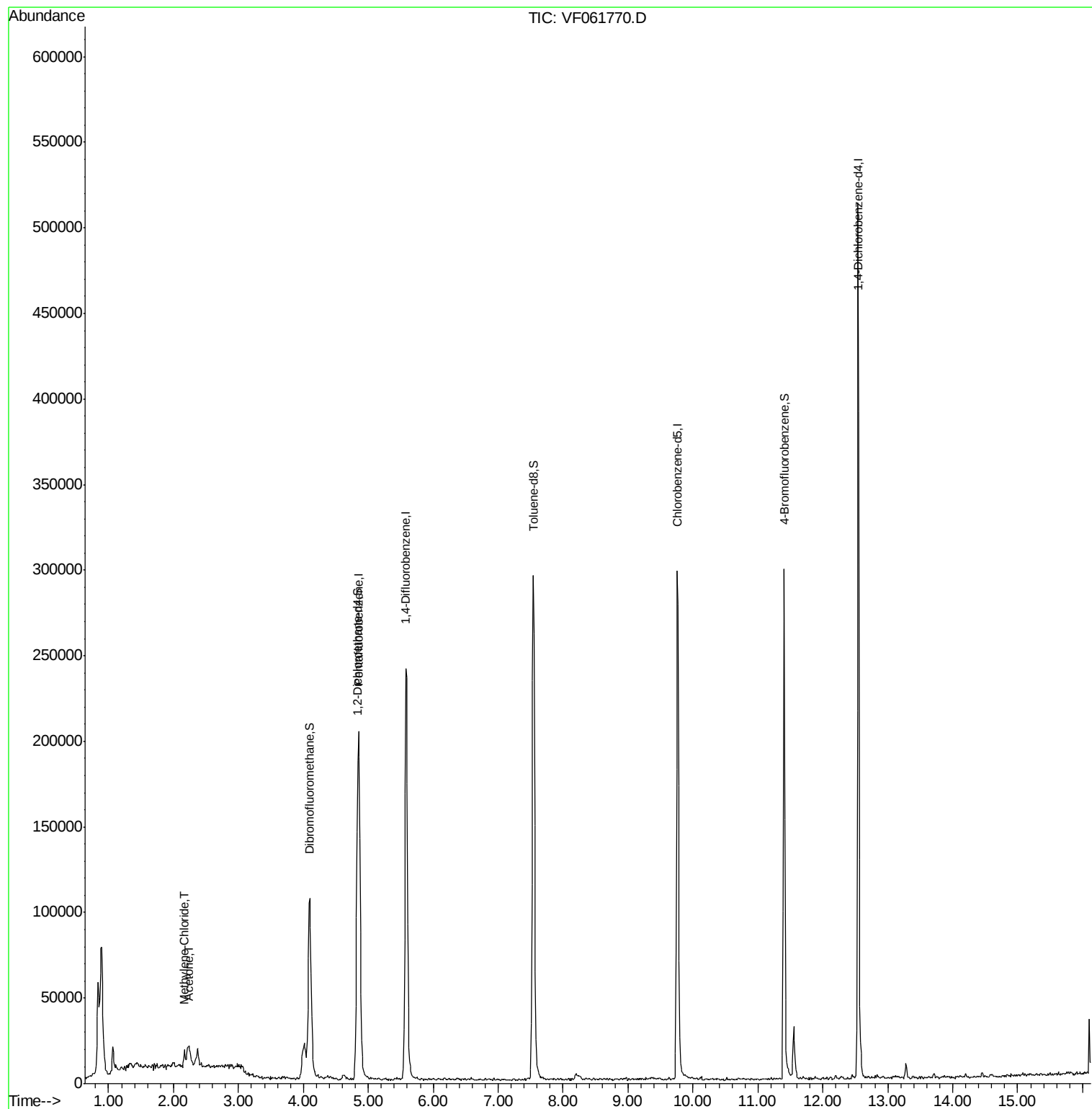
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	188302	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	308979	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	245546	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	148247	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	71253	51.60	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	103.20%	
35) Dibromofluoromethane	4.10	113	102222	44.55	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	89.10%	
50) Toluene-d8	7.54	98	272677	41.34	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	82.68%	
62) 4-Bromofluorobenzene	11.41	95	118865	44.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.08%	
Target Compounds						
16) Acetone	2.23	43	12708	42.894	ug/l #	86
20) Methylene Chloride	2.18	84	9945m	3.943	ug/l	

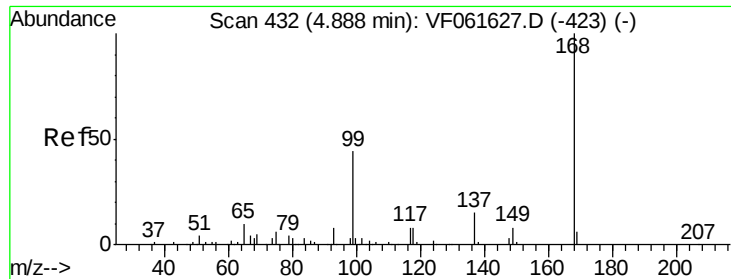
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF061770.D

Acq: 27 Feb 2019 17:04

Instrument :

MSVOA_F

ClientSampleId :

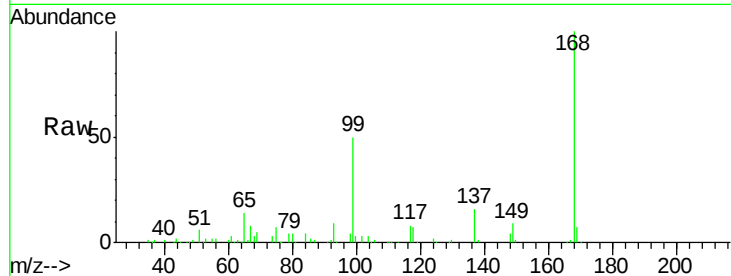
SR-9-D

Tot Ion:168 Resp: 188302

Ion Ratio Lower Upper

168 100

99 50.2 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

60000

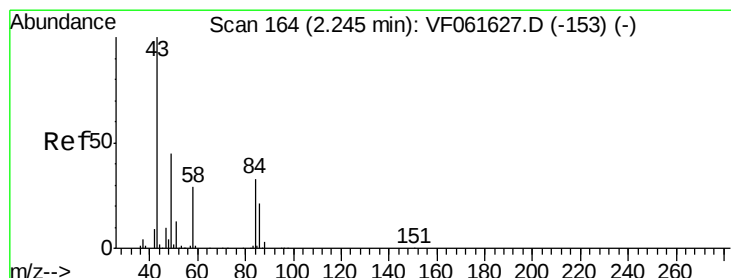
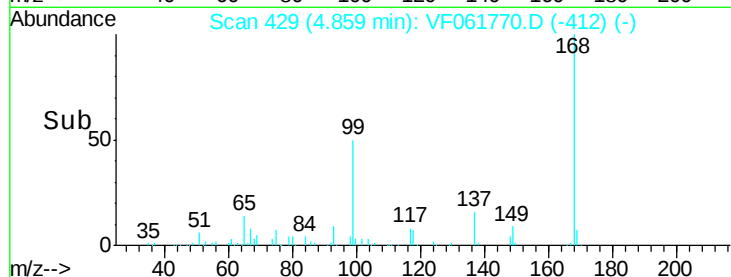
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#16

Acetone

Concen: 42.894 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF061770.D

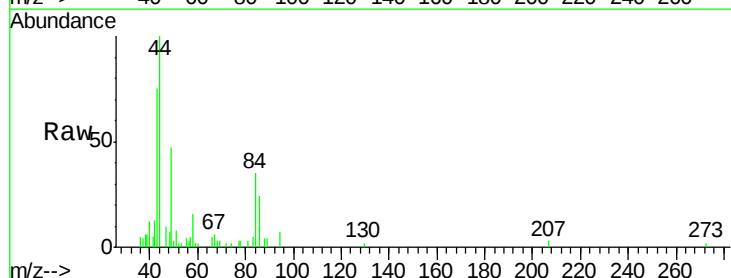
Acq: 27 Feb 2019 17:04

Tgt Ion: 43 Resp: 12708

Ion Ratio Lower Upper

43 100

58 21.0 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

4000

3000

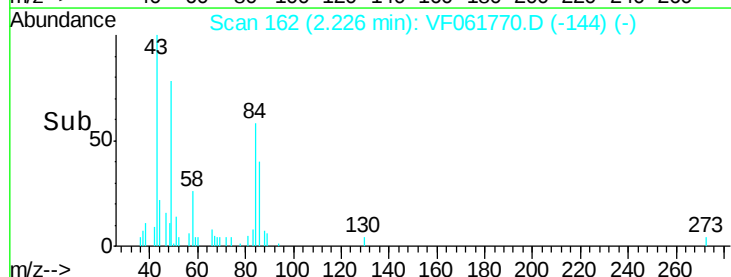
2000

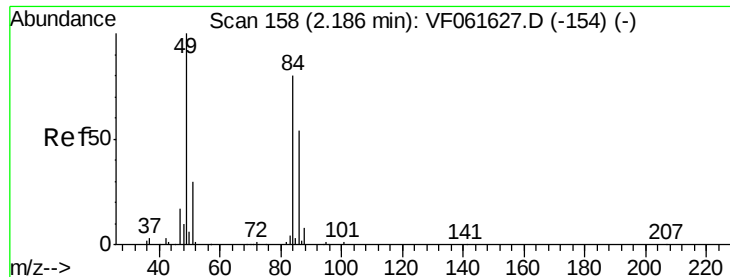
1000

0

Time-->

2.10 2.20 2.30

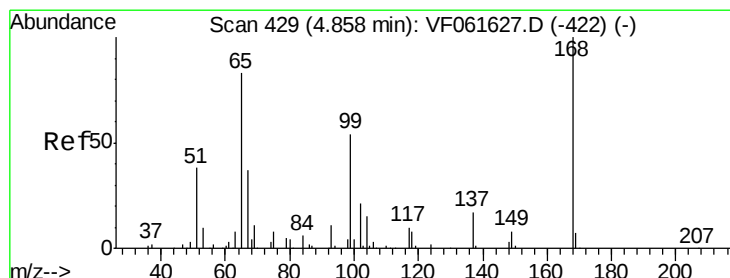
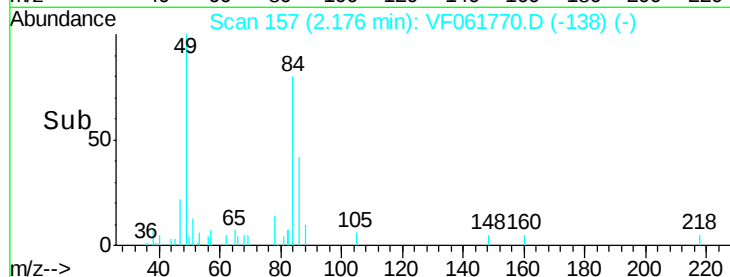
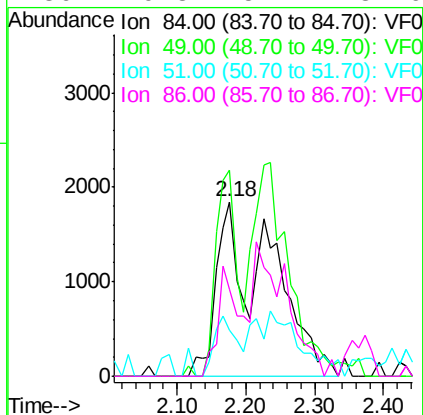
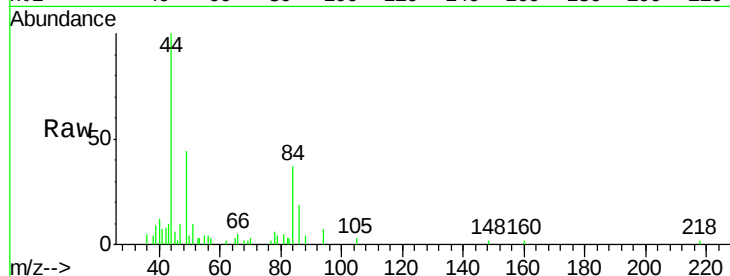




#20
Methvlene Chloride
Concen: 3.943 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061770.D
Acq: 27 Feb 2019 17:04

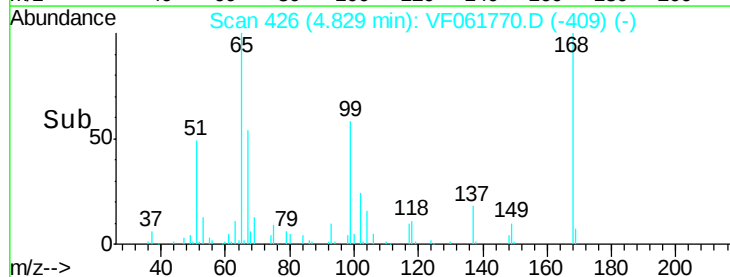
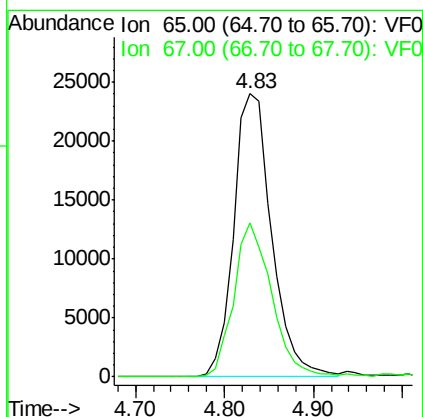
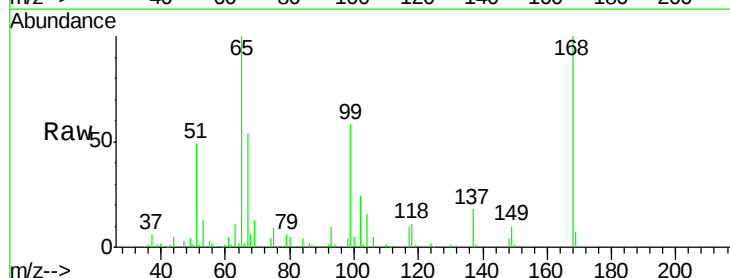
Instrument :
MSVOA_F
ClientSampleId :
SR-9-D

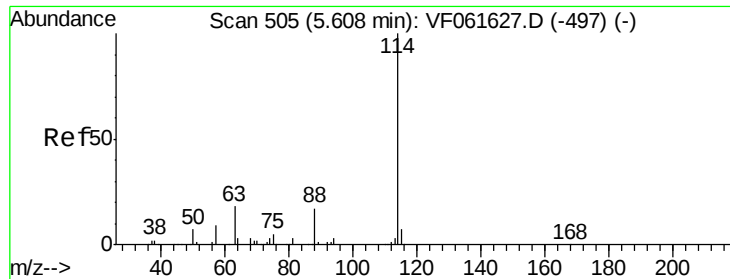
Tot Ion: 84 Resp: 9945
Ion Ratio Lower Upper
84 100
49 118.5 101.8 152.8
51 26.5 31.1 46.7#
86 49.8 54.4 81.6#



#33
1,2-Dichloroethane-d4
Concen: 51.601 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061770.D
Acq: 27 Feb 2019 17:04

Tgt Ion: 65 Resp: 71253
Ion Ratio Lower Upper
65 100
67 54.4 0.0 104.0

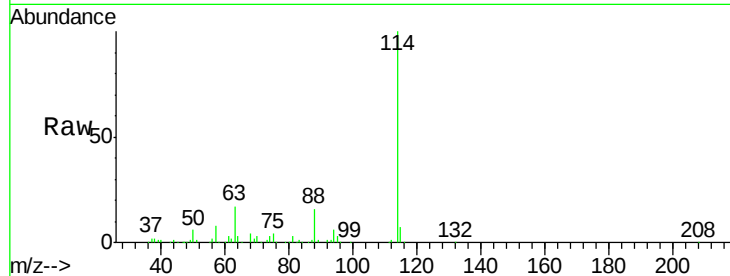




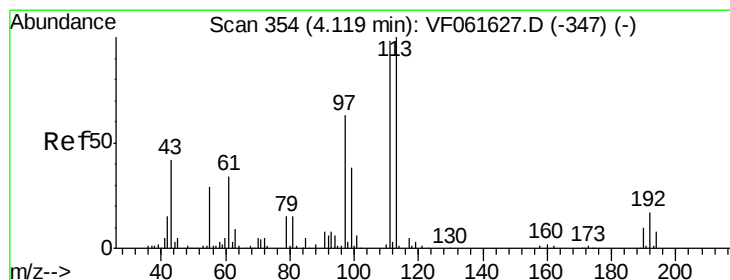
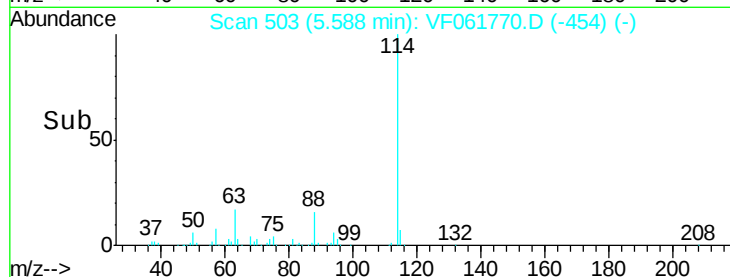
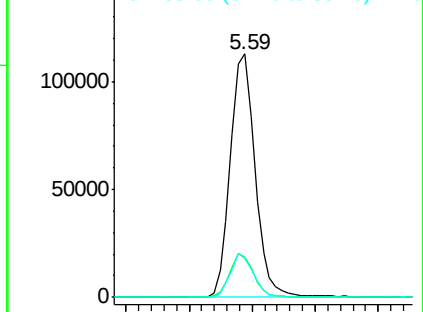
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: VF061770.D
 Acq: 27 Feb 2019 17:04

Instrument :
 MSVOA_F
 ClientSampleId :
 SR-9-D

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	36.6
88	15.8	0.0	34.4

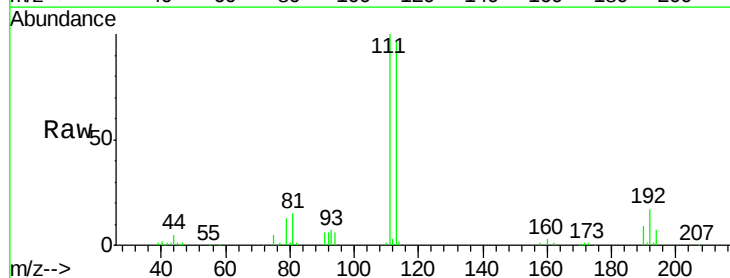


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

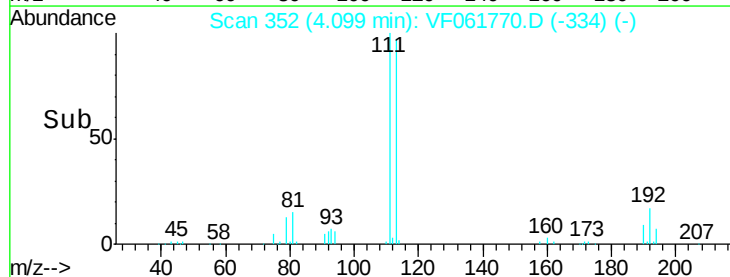
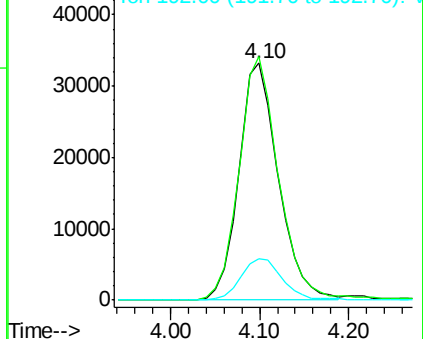


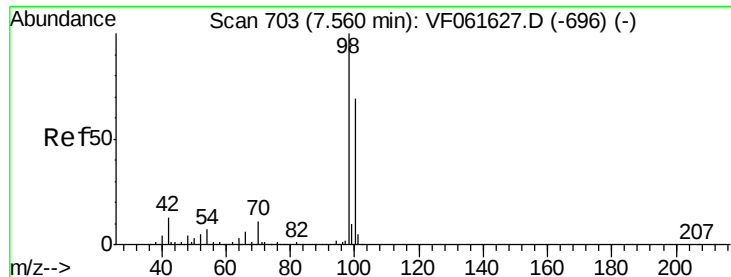
#35
 Dibromofluoromethane
 Concen: 44.551 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VF061770.D
 Acq: 27 Feb 2019 17:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	78.8	118.2
192	17.7	13.4	20.0



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

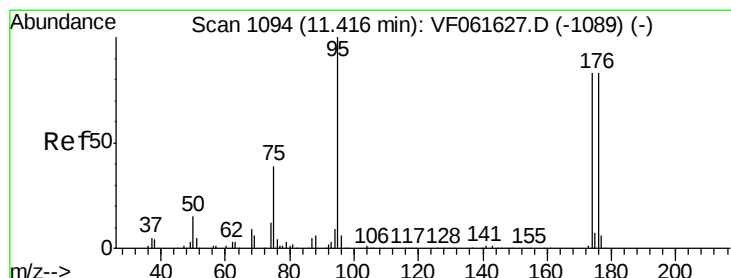
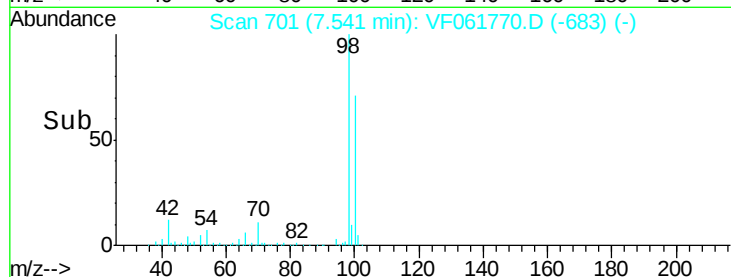
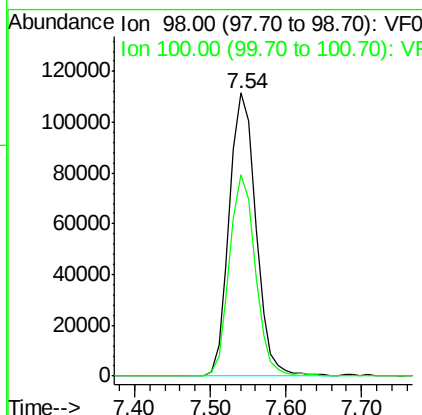
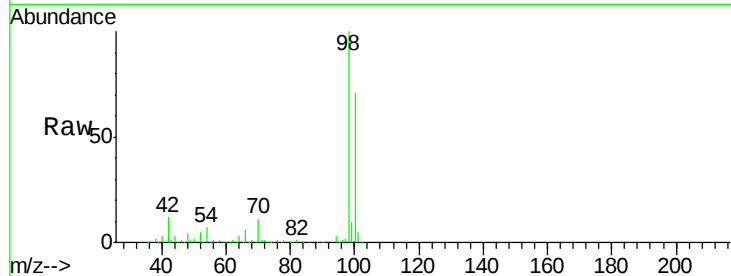




#50
Toluene-d8
Concen: 41.340 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061770.D
Acq: 27 Feb 2019 17:04

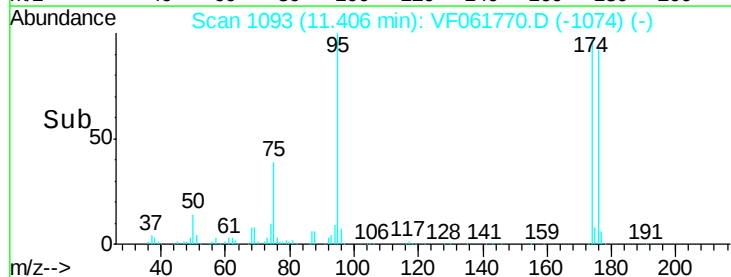
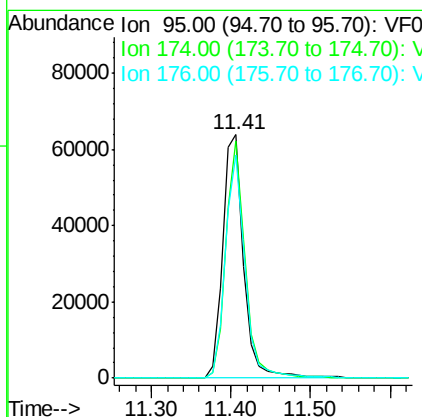
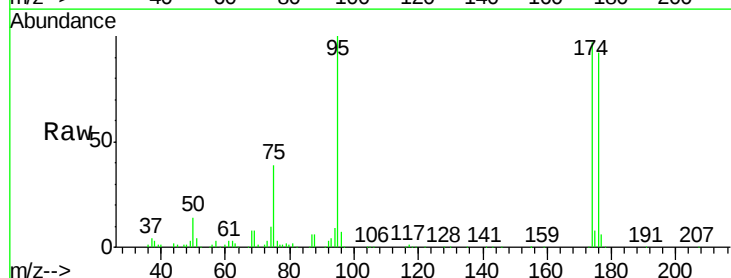
Instrument :
MSVOA_F
ClientSampleId :
SR-9-D

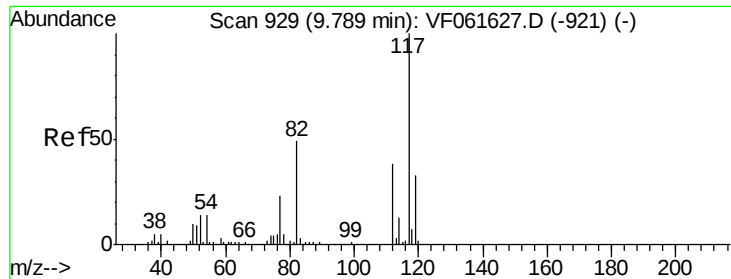
Tot Ion: 98 Resp: 272677
Ion Ratio Lower Upper
98 100
100 71.4 55.4 83.2



#62
4-Bromofluorobenzene
Concen: 44.538 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061770.D
Acq: 27 Feb 2019 17:04

Tgt Ion: 95 Resp: 118865
Ion Ratio Lower Upper
95 100
174 97.2 0.0 165.8
176 91.7 0.0 167.0

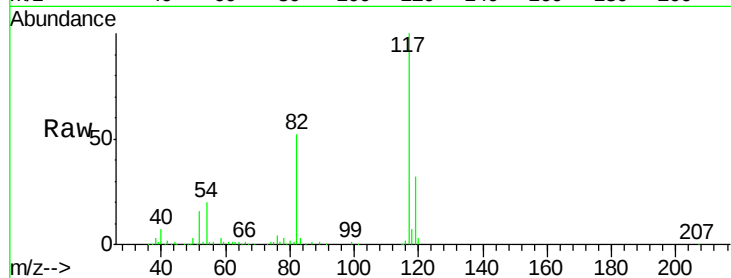




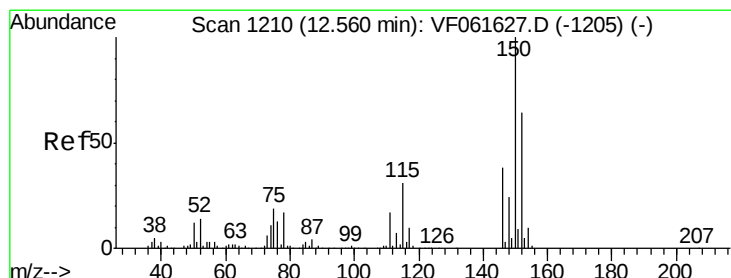
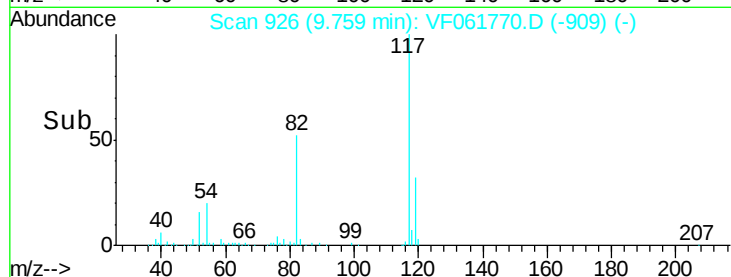
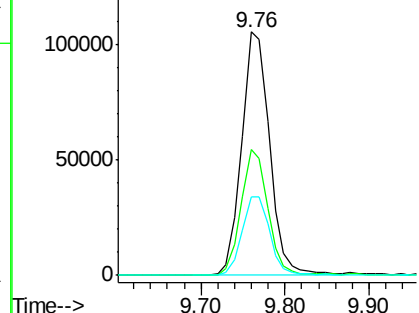
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061770.D
Acq: 27 Feb 2019 17:04

Instrument :
MSVOA_F
ClientSampled :
SR-9-D

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	39.3	58.9
119	32.0	26.6	40.0

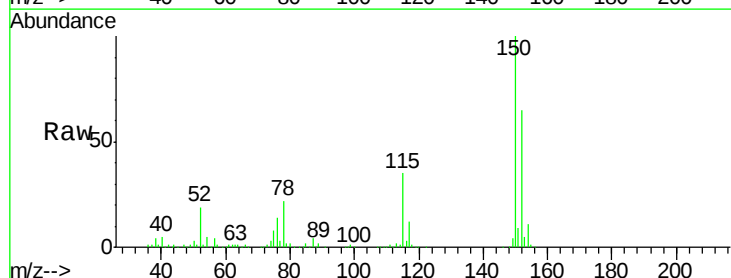


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061770.D
Acq: 27 Feb 2019 17:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.4	24.3	72.8
150	154.2	0.0	312.0



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

