

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060103.D
 Acq On : 24 Aug 2018 16:43
 Operator : VA/AP
 Sample : J4581-20
 Misc : 5.58g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-D4

Quant Time: Aug 27 16:10:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

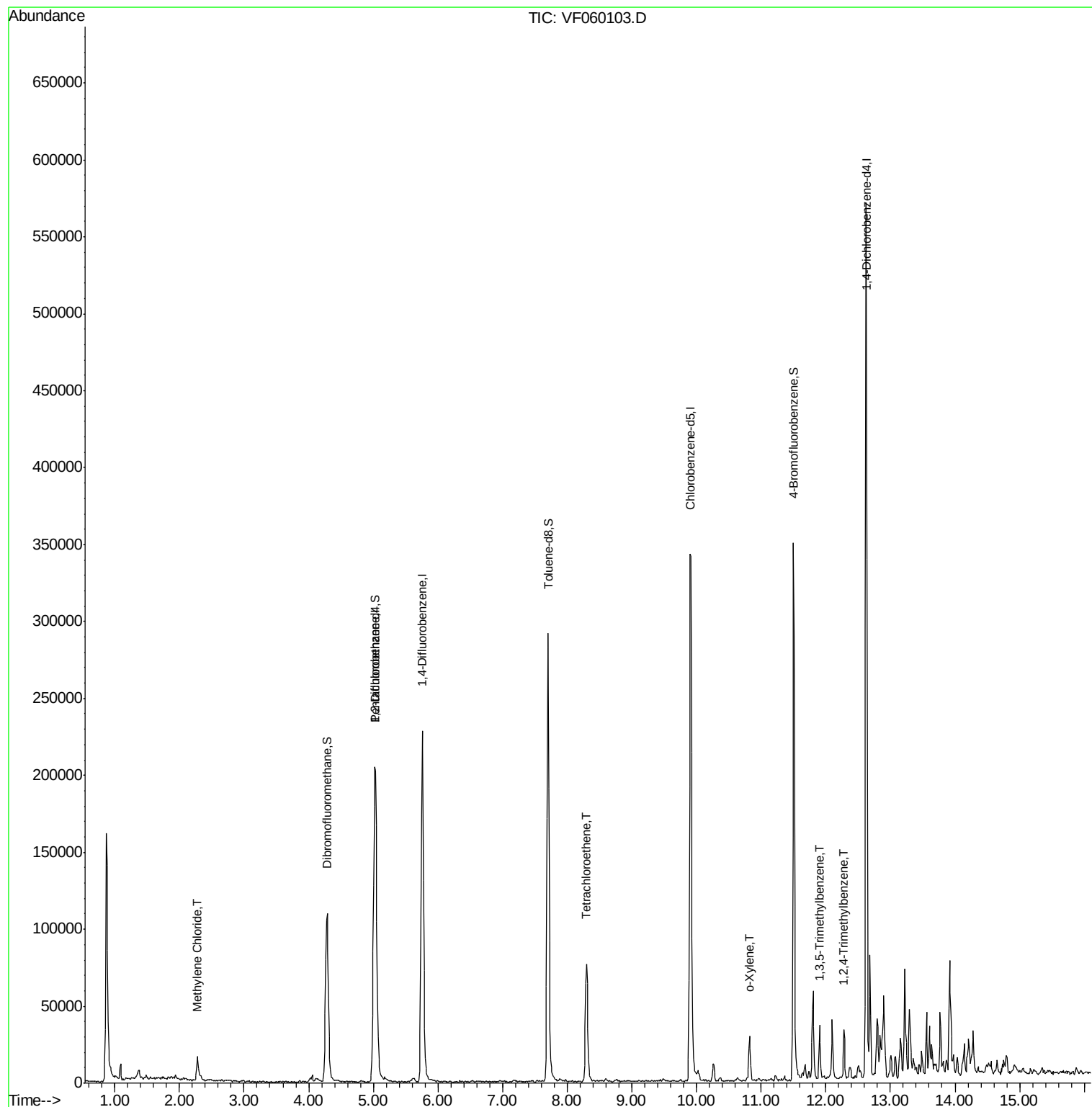
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	153066	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	239707	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	250095	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	131062	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	97283	46.44	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	92.88%	
35) Dibromofluoromethane	4.29	113	102364	54.38	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	108.76%	
50) Toluene-d8	7.71	98	245135	45.86	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	91.72%	
62) 4-Bromofluorobenzene	11.50	95	121917	43.11	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	86.22%	
Target Compounds						
20) Methylene Chloride	2.28	84	7529	2.03	ug/l	# 82
64) Tetrachloroethene	8.30	164	22025	13.07	ug/l	93
69) o-Xylene	10.82	106	8143	2.55	ug/l	77
80) 1,3,5-Trimethylbenzene	11.91	105	18322	2.67	ug/l	95
84) 1,2,4-Trimethylbenzene	12.28	105	15637	2.14	ug/l	92

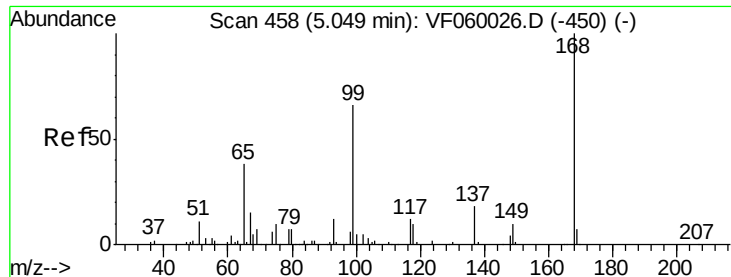
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082418\
Data File : VF060103.D
Acq On : 24 Aug 2018 16:43
Operator : VA/AP
Sample : J4581-20
Misc : 5.58g/5mL/MSVOA F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-D4

Quant Time: Aug 27 16:10:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF060103.D

Acq: 24 Aug 2018 16:43

Instrument :

MSVOA_F

ClientSampleId :

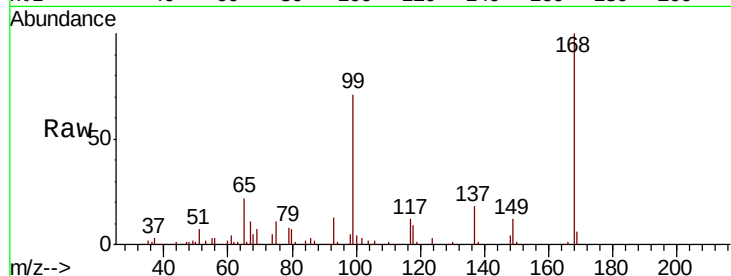
EP1-Q3-D4

Tot Ion:168 Resp: 153066

Ion Ratio Lower Upper

168 100

99 70.7 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

60000

50000

40000

30000

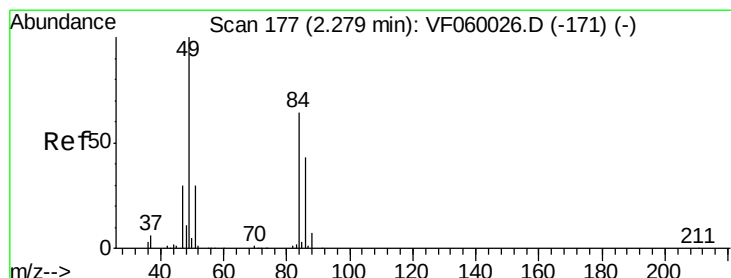
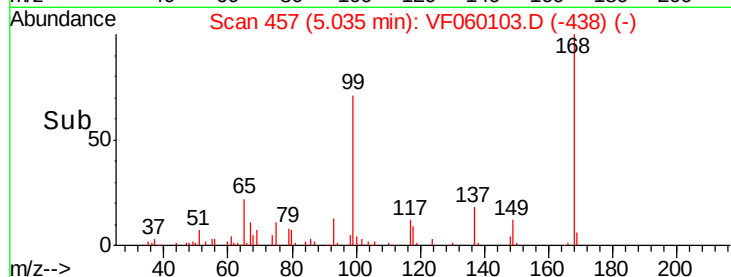
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 2.03 ug/l

RT: 2.28 min Scan# 178

Delta R.T. 0.01 min

Lab File: VF060103.D

Acq: 24 Aug 2018 16:43

Tgt Ion: 84 Resp: 7529

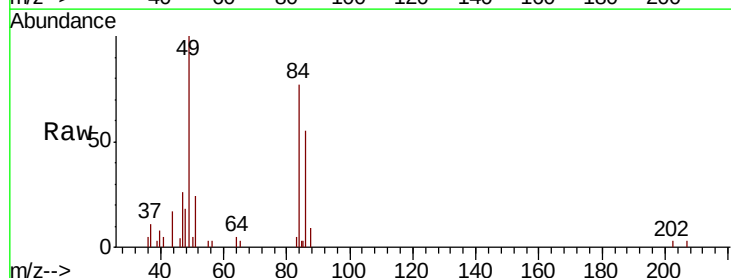
Ion Ratio Lower Upper

84 100

49 130.0 125.4 188.0

51 31.1 38.3 57.5#

86 71.2 53.3 79.9



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

8000

6000

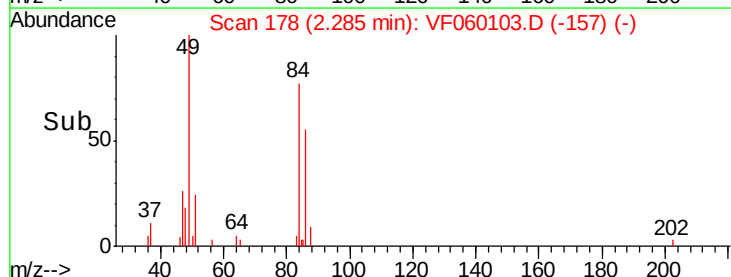
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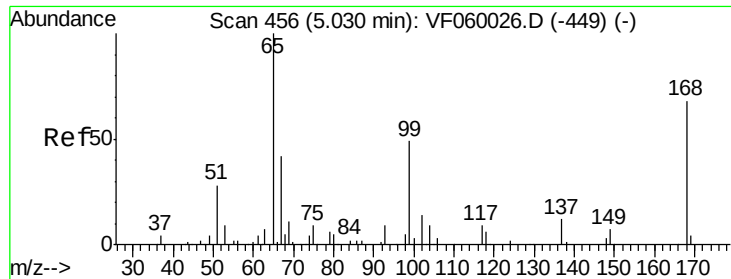
2000

0

Time-->

2.20 2.30 2.40

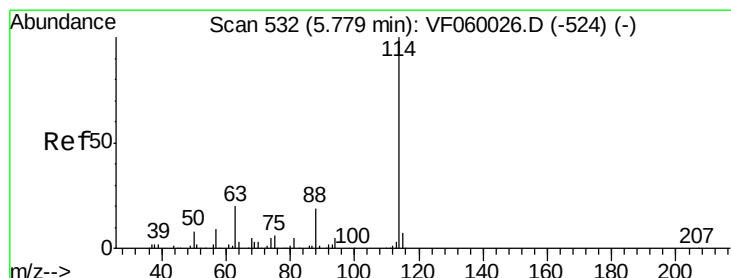
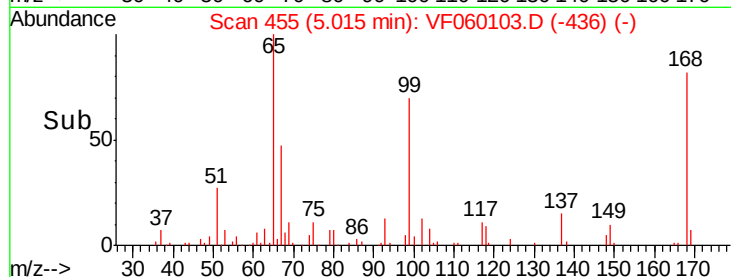
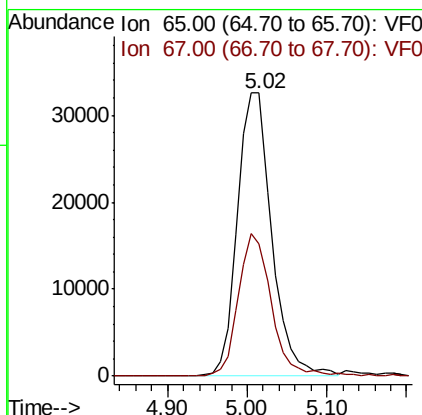
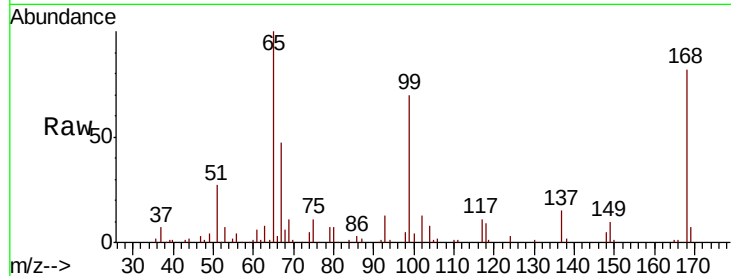




#33
 1,2-Dichloroethane-d4
 Concen: 46.44 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: VF060103.D
 Acq: 24 Aug 2018 16:43

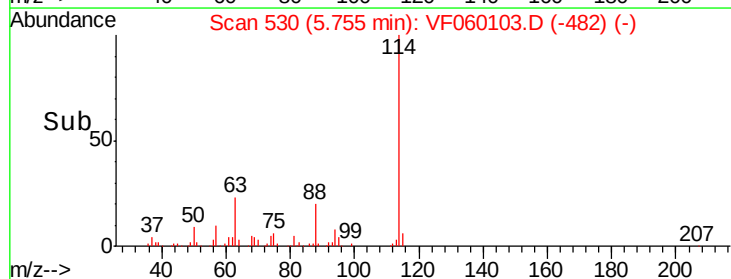
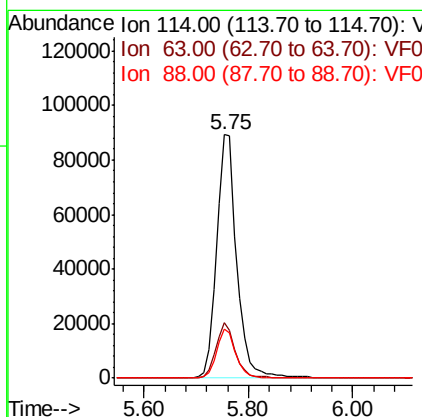
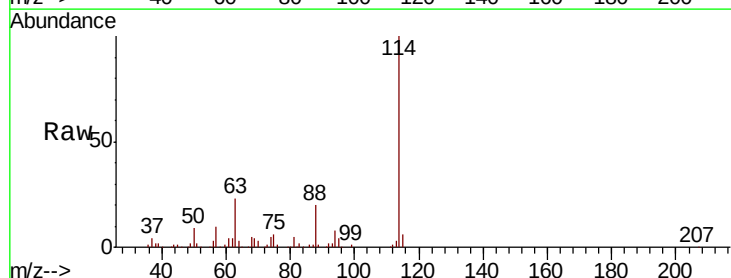
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-D4

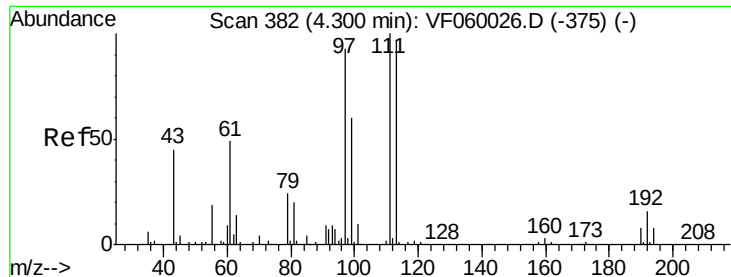
Tot Ion: 65 Resp: 97283
 Ion Ratio Lower Upper
 65 100
 67 46.9 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VF060103.D
 Acq: 24 Aug 2018 16:43

Tgt Ion: 114 Resp: 239707
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 40.4
 88 20.3 0.0 38.6

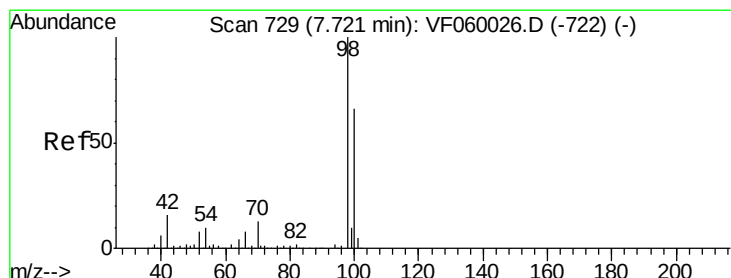
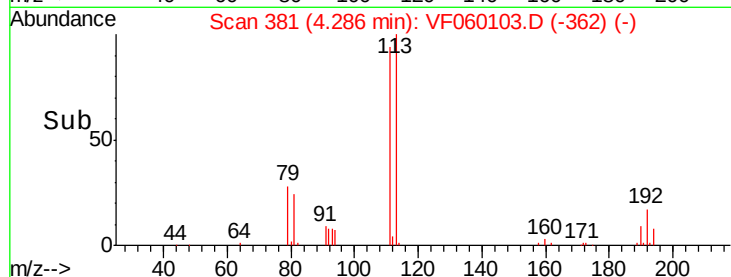
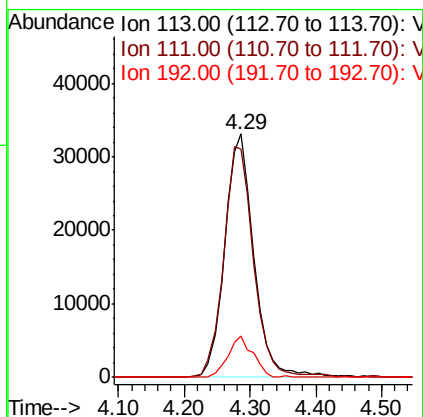
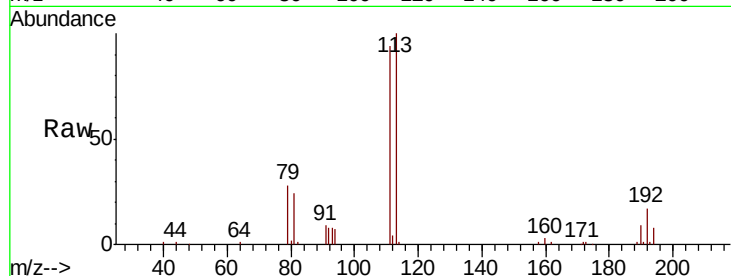




#35
 Dibromofluoromethane
 Concen: 54.38 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VF060103.D
 Acq: 24 Aug 2018 16:43

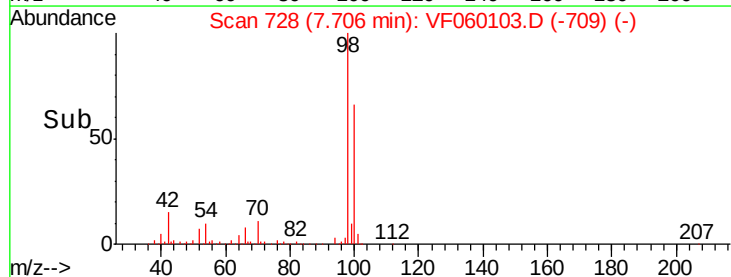
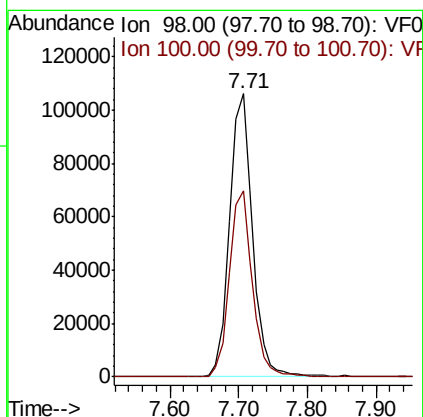
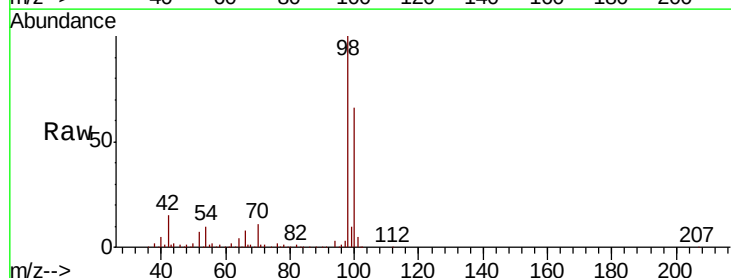
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-D4

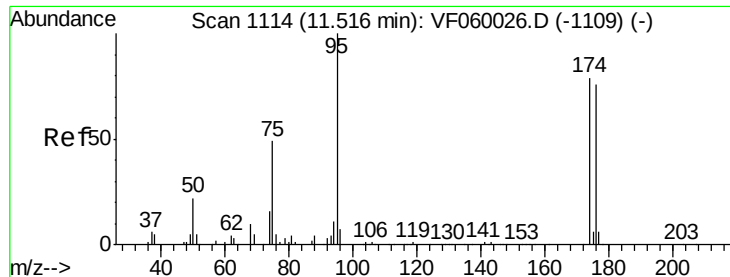
Tot Ion:113 Resp: 102364
 Ion Ratio Lower Upper
 113 100
 111 93.8 82.7 124.1
 192 17.1 13.0 19.4



#50
 Toluene-d8
 Concen: 45.86 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VF060103.D
 Acq: 24 Aug 2018 16:43

Tgt Ion: 98 Resp: 245135
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.2 79.8

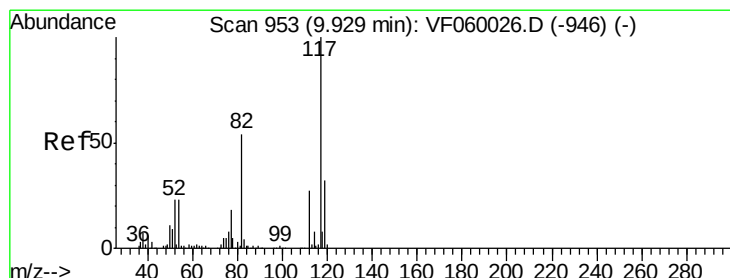
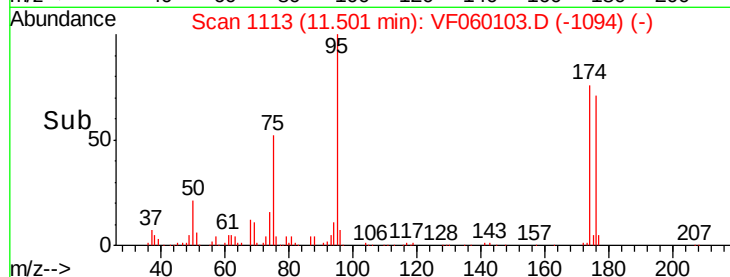
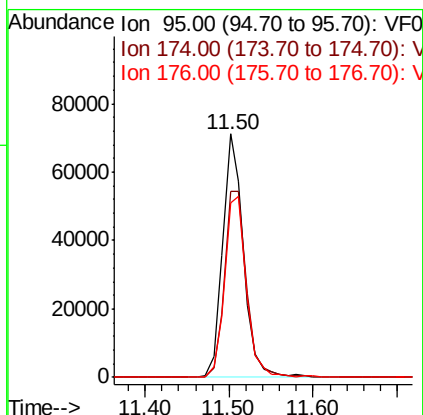
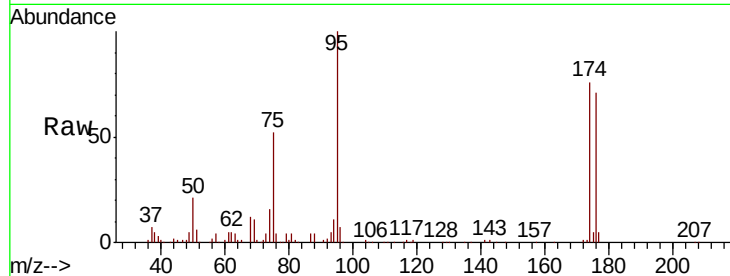




#62
4-Bromofluorobenzene
Concen: 43.11 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060103.D
Acq: 24 Aug 2018 16:43

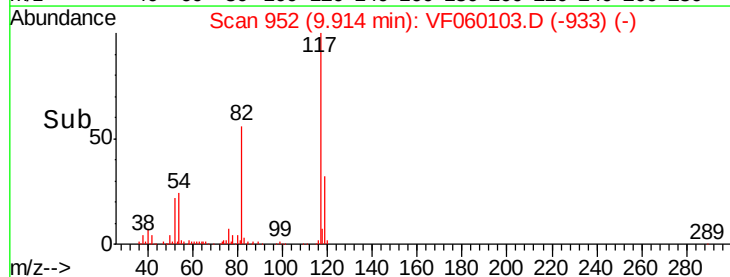
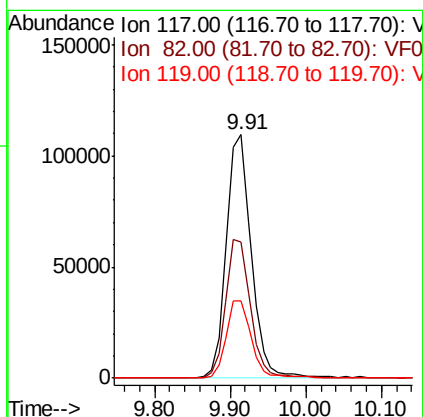
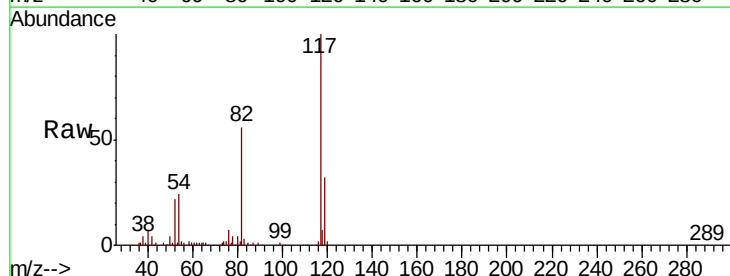
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-D4

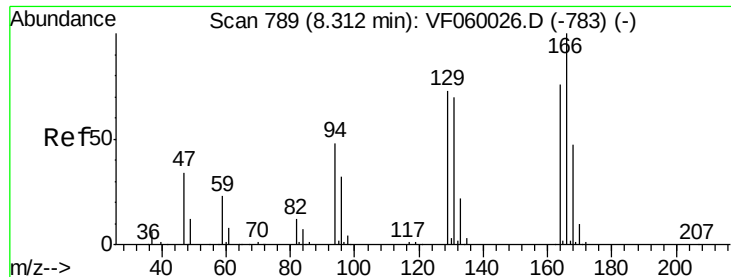
Tot Ion: 95 Resp: 121917
Ion Ratio Lower Upper
95 100
174 76.2 0.0 158.4
176 71.5 0.0 153.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF060103.D
Acq: 24 Aug 2018 16:43

Tgt Ion: 117 Resp: 250095
Ion Ratio Lower Upper
117 100
82 56.0 43.6 65.4
119 31.8 25.6 38.4

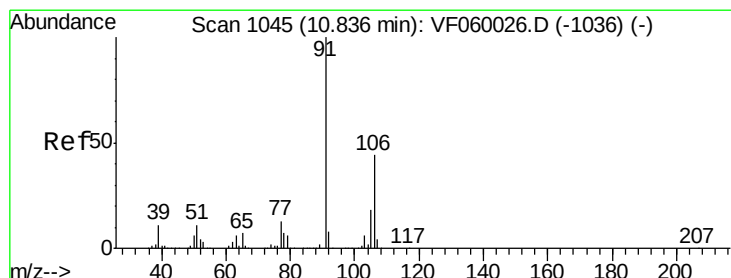
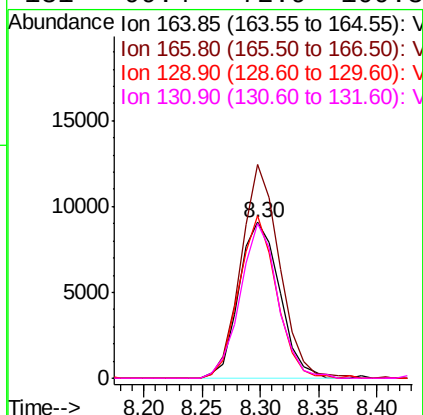
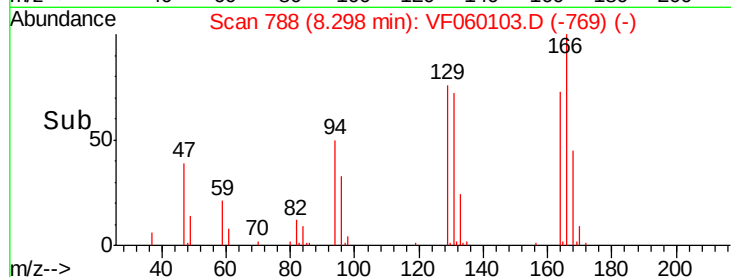
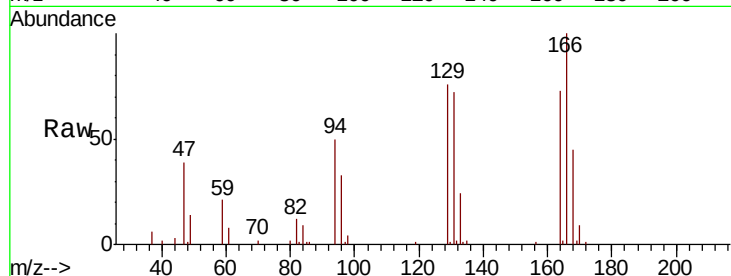




#64
Tetrachloroethene
Concen: 13.07 ug/l
RT: 8.30 min Scan# 788
Delta R.T. -0.01 min
Lab File: VF060103.D
Acq: 24 Aug 2018 16:43

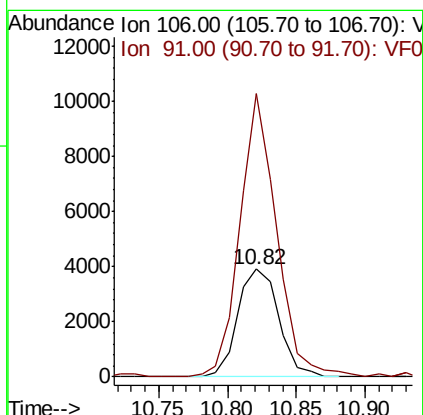
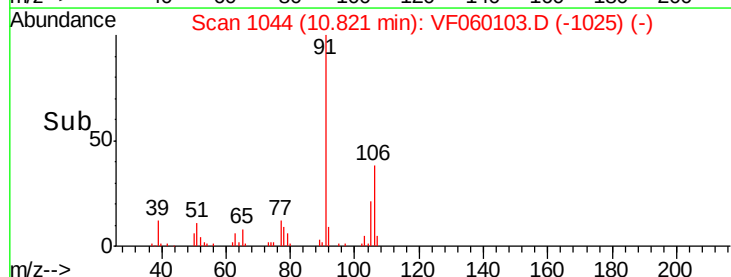
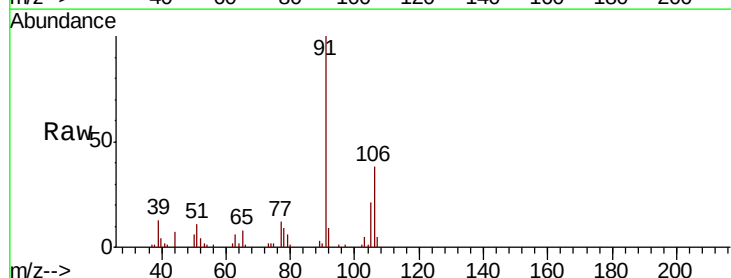
Instrument :
MSVOA_F
ClientSampled :
EP1-Q3-D4

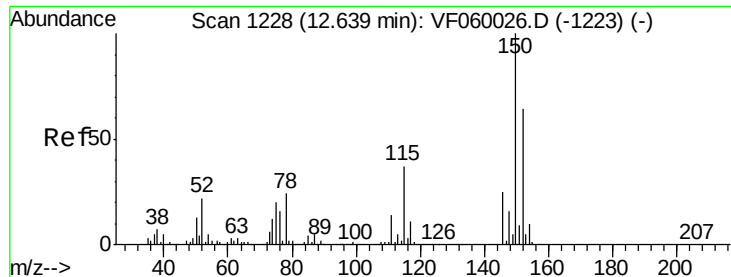
Tot Ion:164	Resp:	22025
Ion	Ratio	Lower Upper
164	100	
166	137.1	104.7 157.1
129	104.5	77.0 115.4
131	99.4	72.9 109.3



#69
o-Xylene
Concen: 2.55 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF060103.D
Acq: 24 Aug 2018 16:43

Tgt Ion:106	Resp:	8143
Ion	Ratio	Lower Upper
106	100	
91	262.9	112.5 337.5



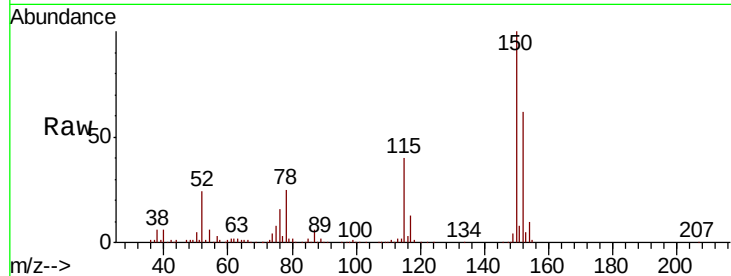


#72

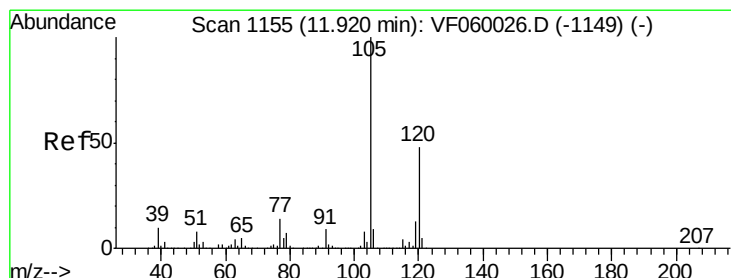
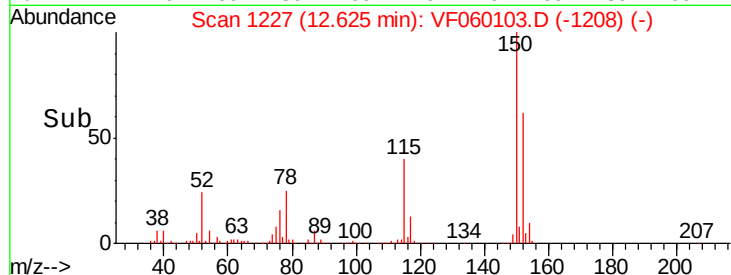
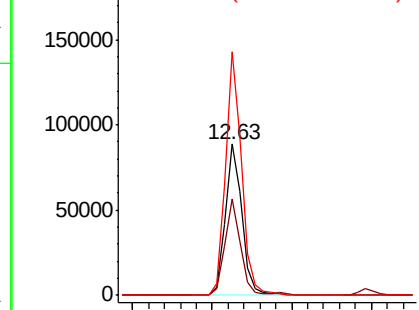
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060103.D
Acq: 24 Aug 2018 16:43

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-D4

Tot Ion:152 Resp: 131062
Ion Ratio Lower Upper
152 100
115 63.7 28.6 85.9
150 160.9 0.0 312.0



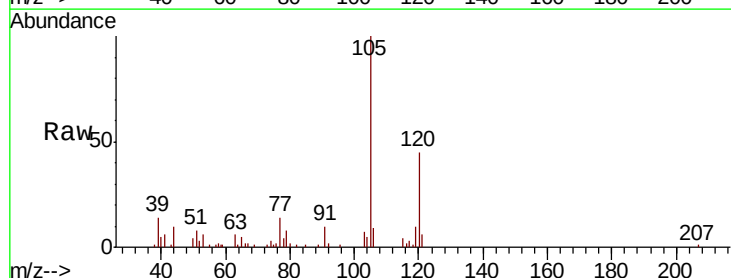
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



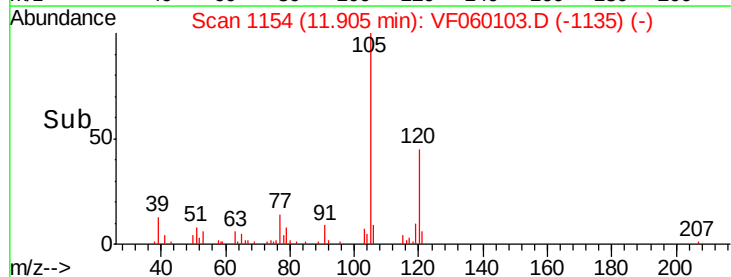
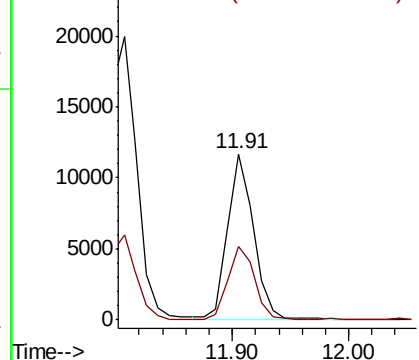
#80

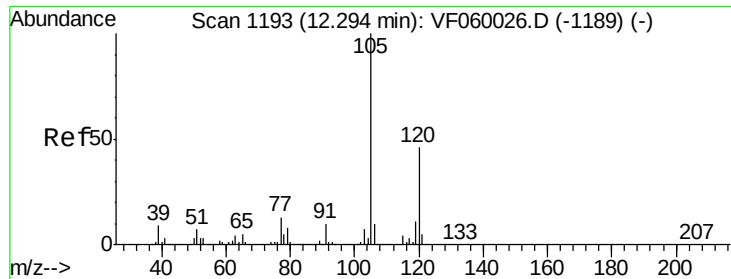
1,3,5-Trimethylbenzene
Concen: 2.67 ug/l
RT: 11.91 min Scan# 1154
Delta R.T. -0.01 min
Lab File: VF060103.D
Acq: 24 Aug 2018 16:43

Tgt Ion:105 Resp: 18322
Ion Ratio Lower Upper
105 100
120 44.5 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#84
 1,2,4-Trimethylbenzene
 Concen: 2.14 ug/l
 RT: 12.28 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: VF060103.D
 Acq: 24 Aug 2018 16:43

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-D4

Tot Ion:105 Resp: 15637
 Ion Ratio Lower Upper
 105 100
 120 41.0 23.3 69.8

