

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060089.D
 Acq On : 24 Aug 2018 9:38
 Operator : VA/AP
 Sample : J4581-19
 Misc : 5.42g/5mL/MSVOA F/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-D3

Quant Time: Aug 24 10:30:26 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

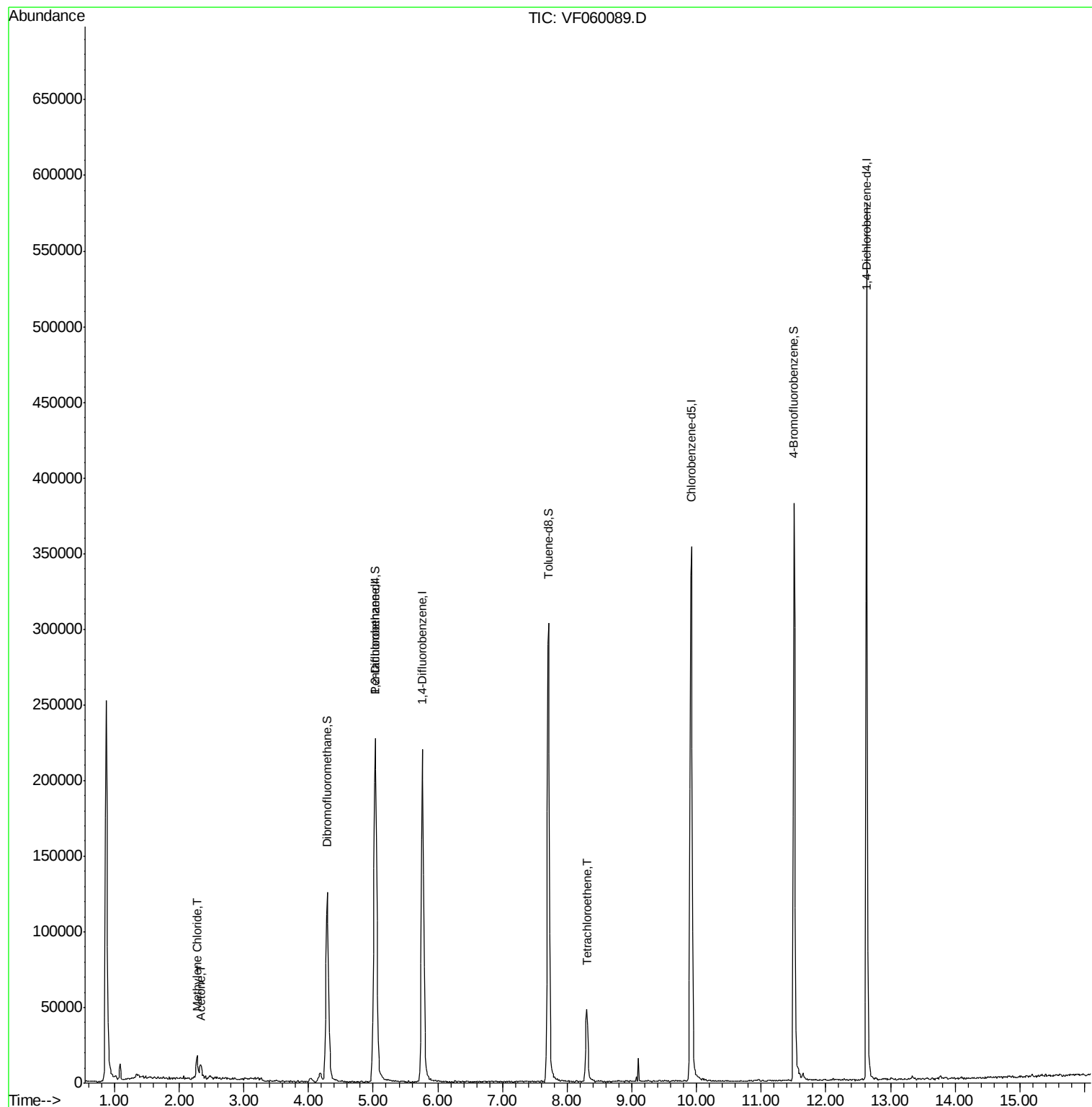
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	144995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	223772	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	254609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	133881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	123730	62.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.70%	
35) Dibromofluoromethane	4.29	113	110647	62.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.94%	
50) Toluene-d8	7.71	98	256357	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	11.51	95	131402	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
Target Compounds						
16) Acetone	2.33	43	14676	28.14	ug/l	# 89
20) Methylene Chloride	2.27	84	6206	1.02	ug/l	94
64) Tetrachloroethene	8.30	164	13947	8.13	ug/l	93

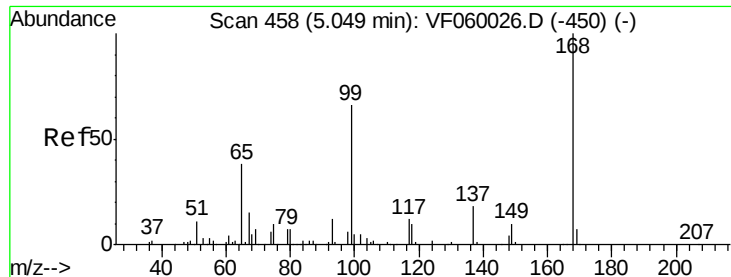
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF060089.D

Acq: 24 Aug 2018 9:38

Instrument :

MSVOA_F

ClientSampleId :

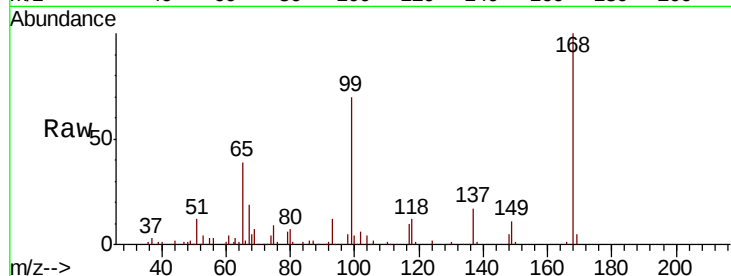
EP1-Q3-D3

Tot Ion:168 Resp: 144995

Ion Ratio Lower Upper

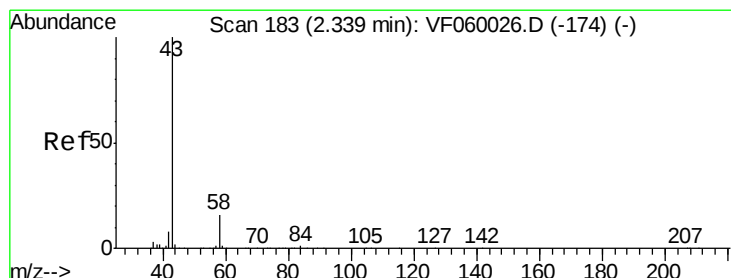
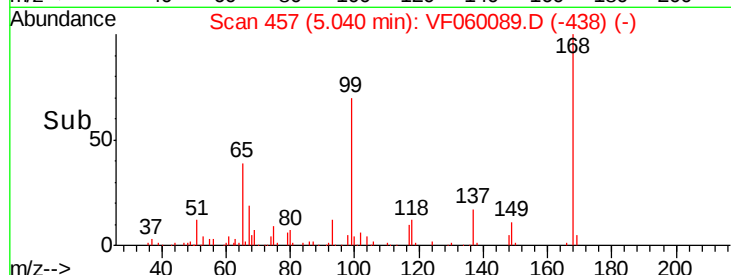
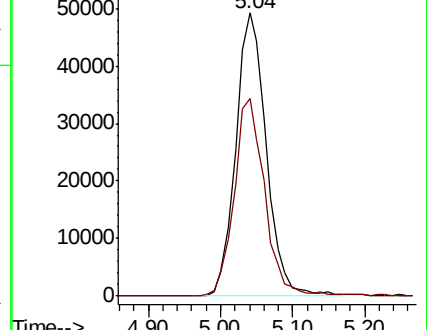
168 100

99 69.8 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 28.14 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF060089.D

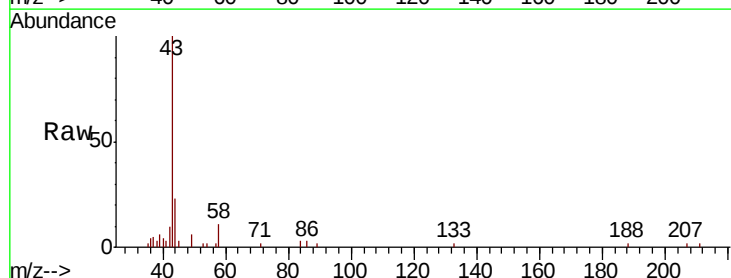
Acq: 24 Aug 2018 9:38

Tgt Ion: 43 Resp: 14676

Ion Ratio Lower Upper

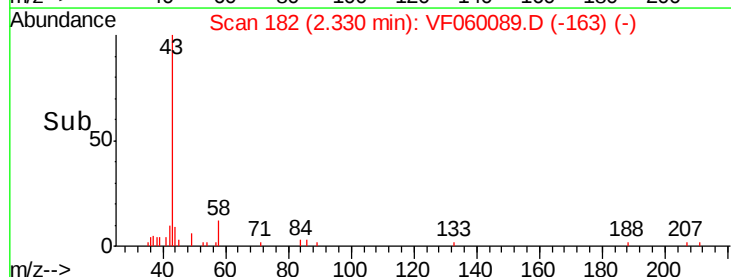
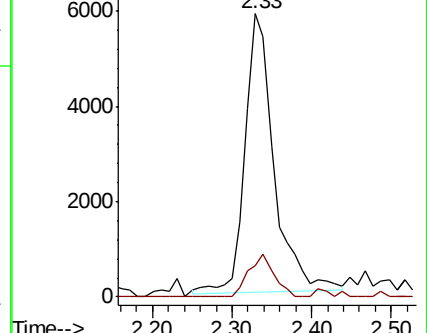
43 100

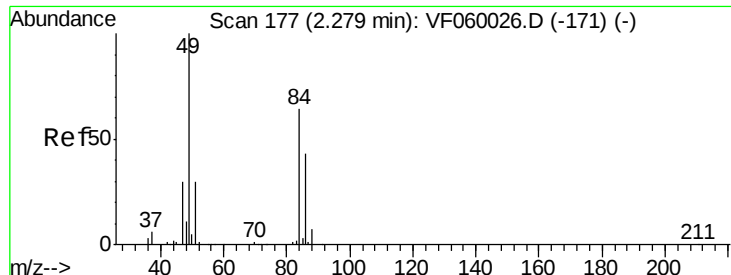
58 11.0 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

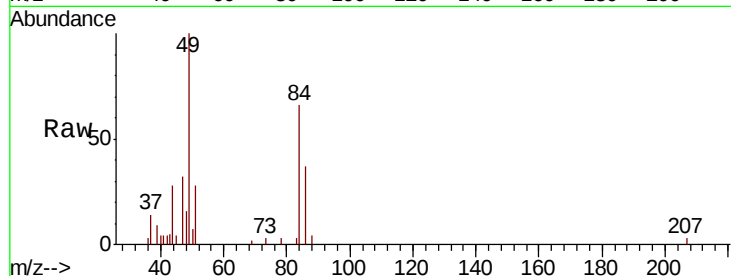




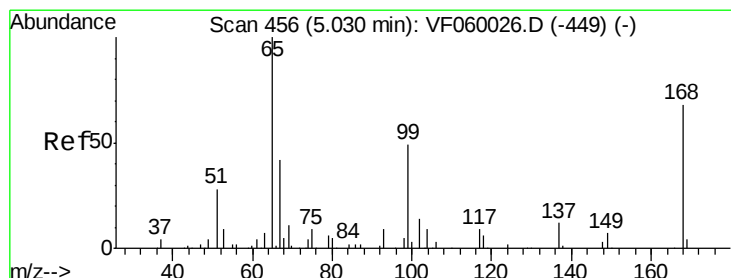
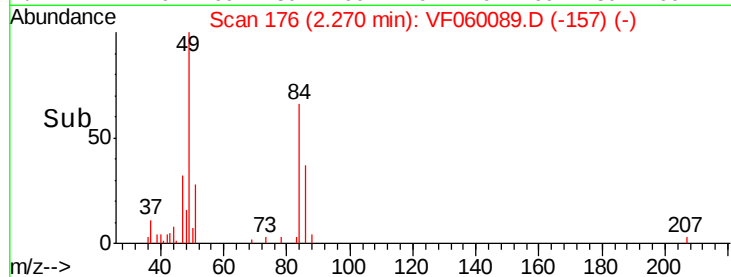
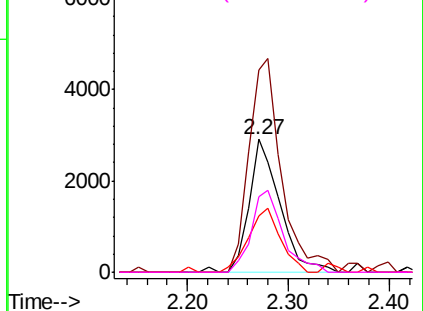
#20
Methvlene Chloride
Concen: 1.02 ug/l
RT: 2.27 min Scan# 176
Delta R.T. -0.01 min
Lab File: VF060089.D
Acq: 24 Aug 2018 9:38

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-D3

Tot Ion:	84	Resp:	6206
Ion	Ratio	Lower	Upper
84	100		
49	152.5	125.4	188.0
51	42.7	38.3	57.5
86	56.5	53.3	79.9

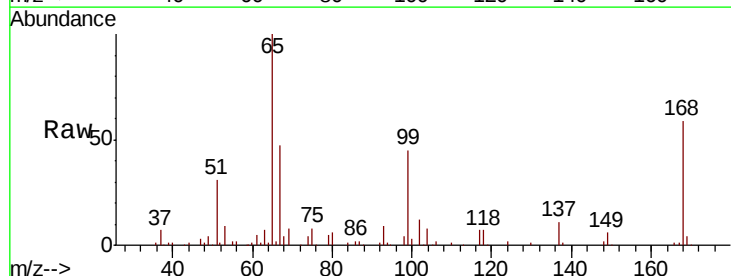


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

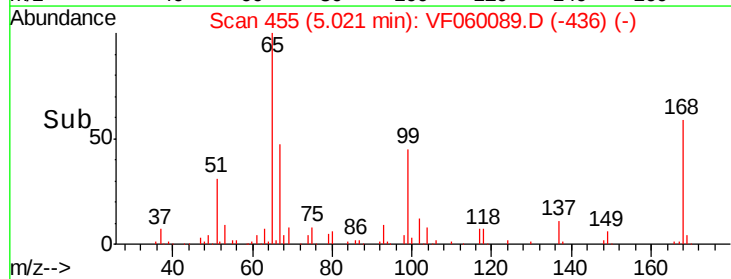
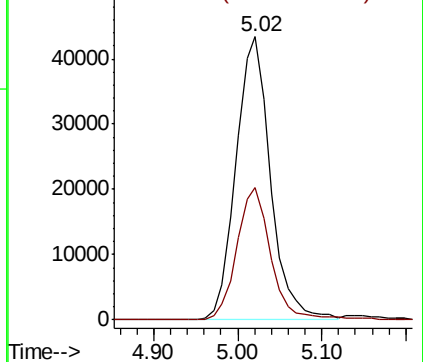


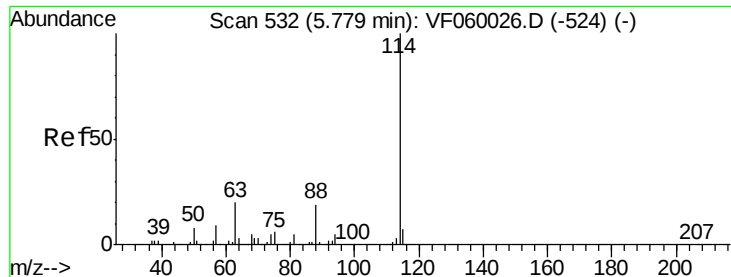
#33
1,2-Dichloroethane-d4
Concen: 62.35 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.01 min
Lab File: VF060089.D
Acq: 24 Aug 2018 9:38

Tgt Ion:	65	Resp:	123730
Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0

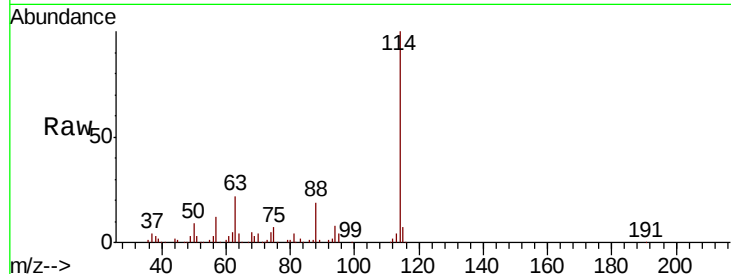




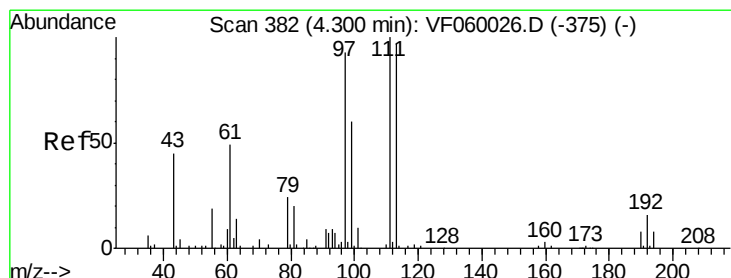
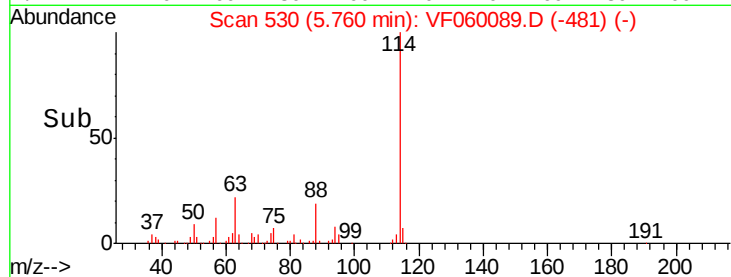
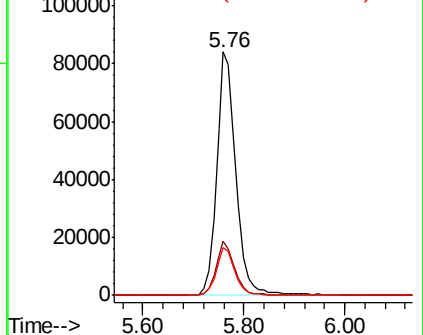
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VF060089.D
 Acq: 24 Aug 2018 9:38

Instrument :
 MSVOA_F
 ClientSampled :
 EP1-Q3-D3

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	40.4
88	19.5	0.0	38.6

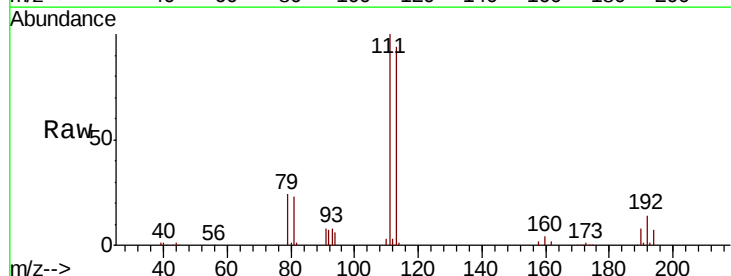


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

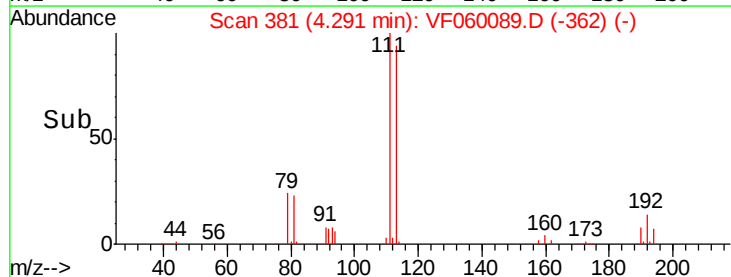
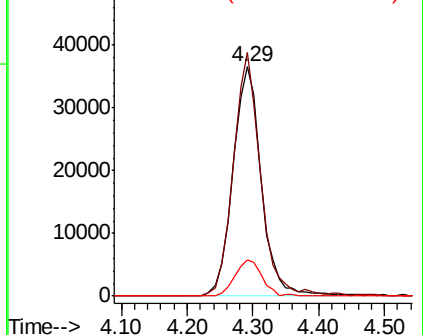


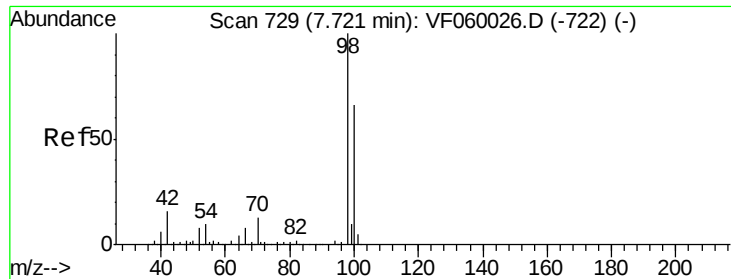
#35
 Dibromofluoromethane
 Concen: 62.97 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VF060089.D
 Acq: 24 Aug 2018 9:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.3	82.7	124.1
192	16.0	13.0	19.4



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

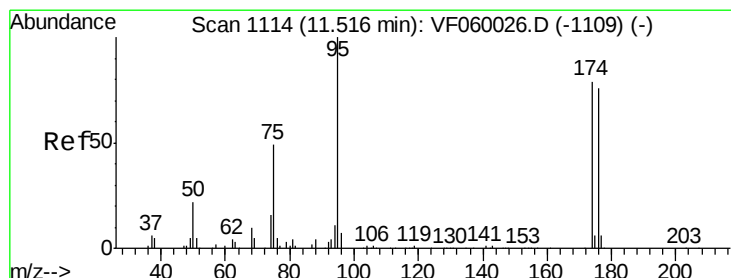
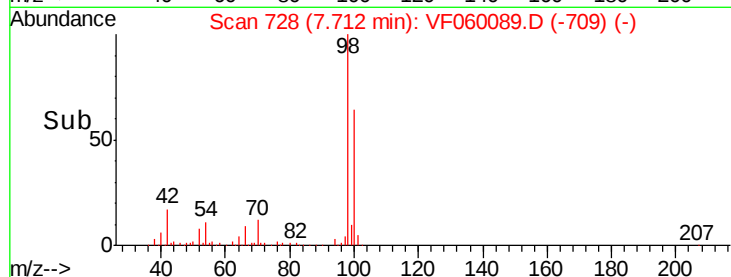
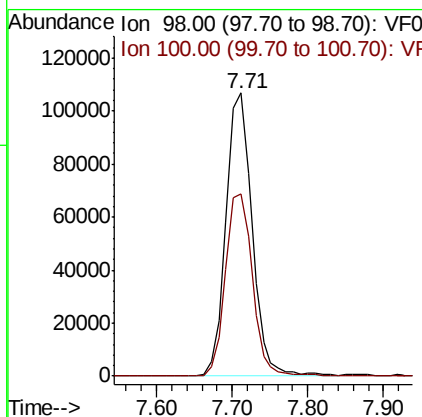
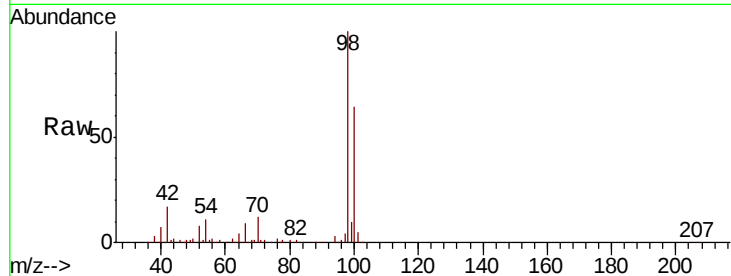




#50
Toluene-d8
Concen: 51.37 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF060089.D
Acq: 24 Aug 2018 9:38

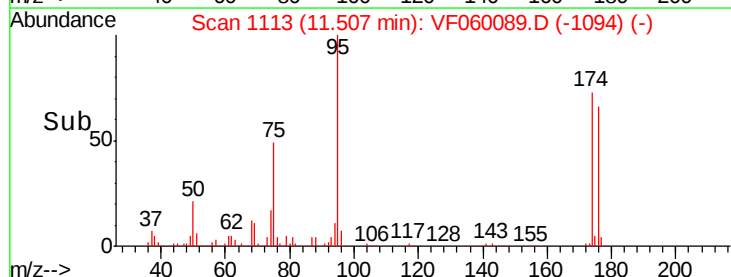
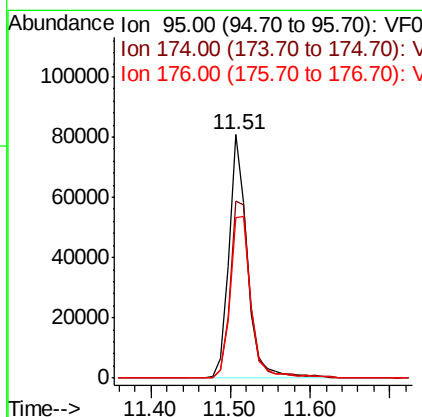
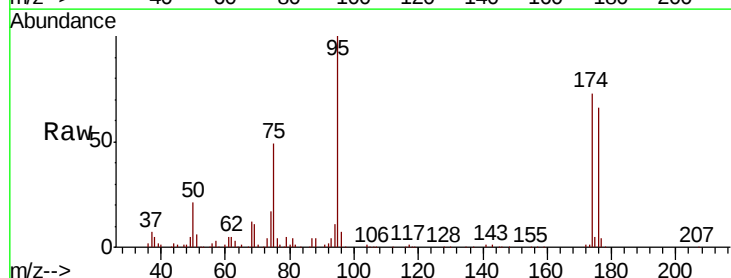
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-D3

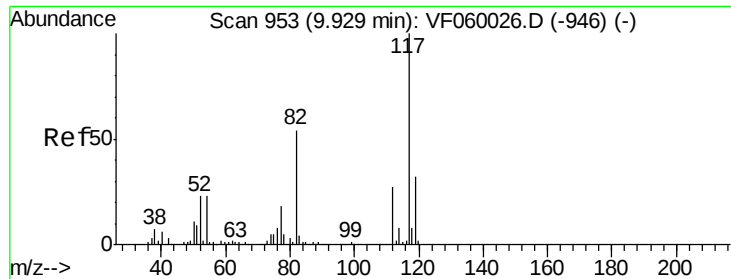
Tot Ion: 98 Resp: 256357
Ion Ratio Lower Upper
98 100
100 64.3 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 49.77 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060089.D
Acq: 24 Aug 2018 9:38

Tgt Ion: 95 Resp: 131402
Ion Ratio Lower Upper
95 100
174 72.6 0.0 158.4
176 65.9 0.0 153.0

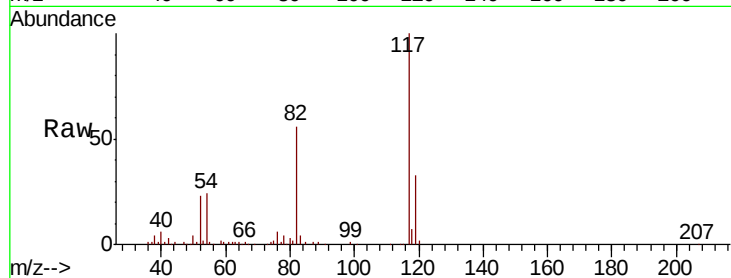




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF060089.D
Acq: 24 Aug 2018 9:38

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-D3

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.6	65.4
119	32.7	25.6	38.4

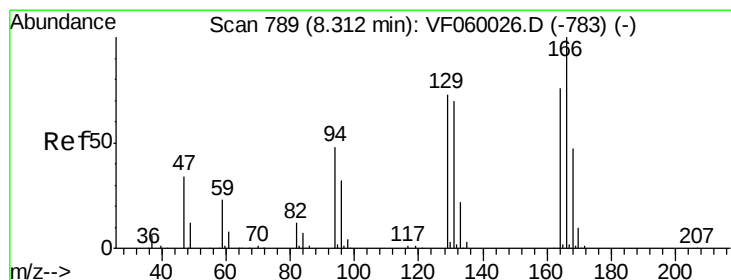
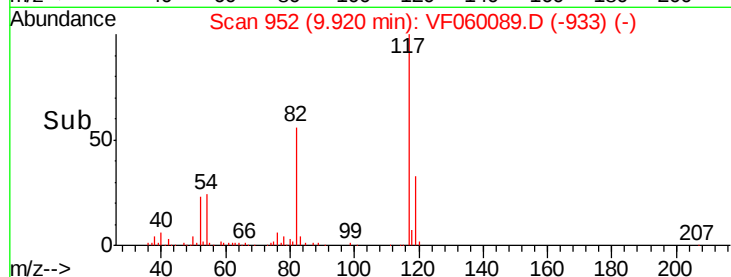
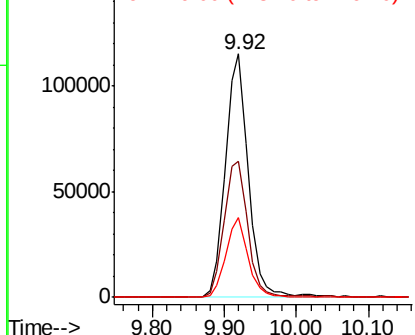


Abundance

Ion 117.00 (116.70 to 117.70): V

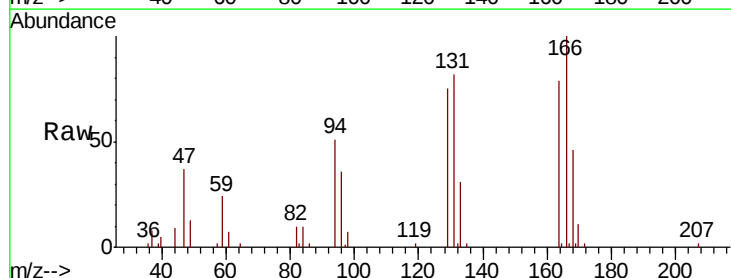
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#64
Tetrachloroethene
Concen: 8.13 ug/l
RT: 8.30 min Scan# 788
Delta R.T. -0.01 min
Lab File: VF060089.D
Acq: 24 Aug 2018 9:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.8	104.7	157.1
129	92.1	77.0	115.4
131	100.8	72.9	109.3



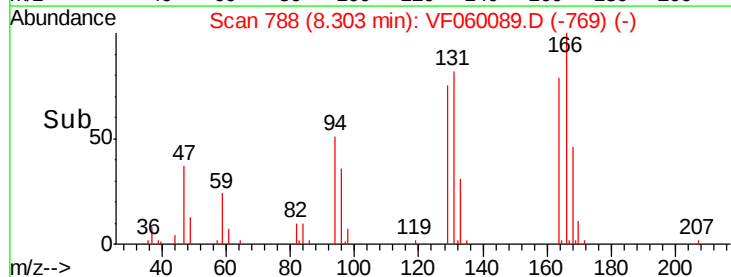
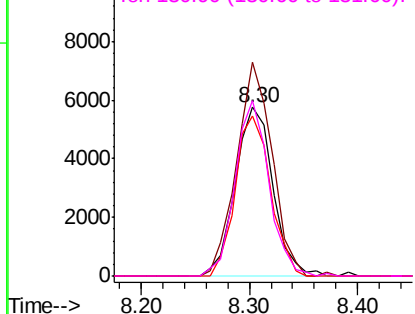
Abundance

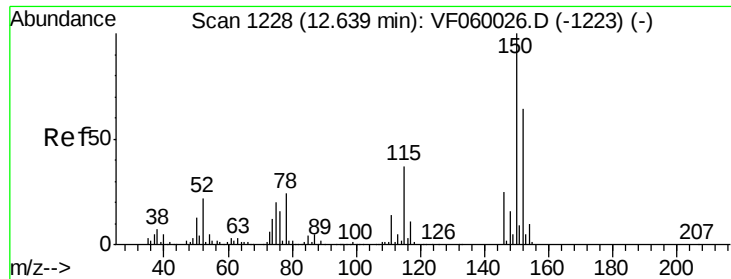
Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF060089.D

Acq: 24 Aug 2018 9:38

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-D3

Tot Ion:152 Resp: 133881

Ion Ratio Lower Upper

152 100

115 62.0 28.6 85.9

150 159.0 0.0 312.0

