

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070518\
 Data File : VF059434.D
 Acq On : 5 Jul 2018 15:17
 Operator : VA/AP
 Sample : J3840-17RE
 Misc : 6.73g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-4-DRE

Quant Time: Jul 06 08:09:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

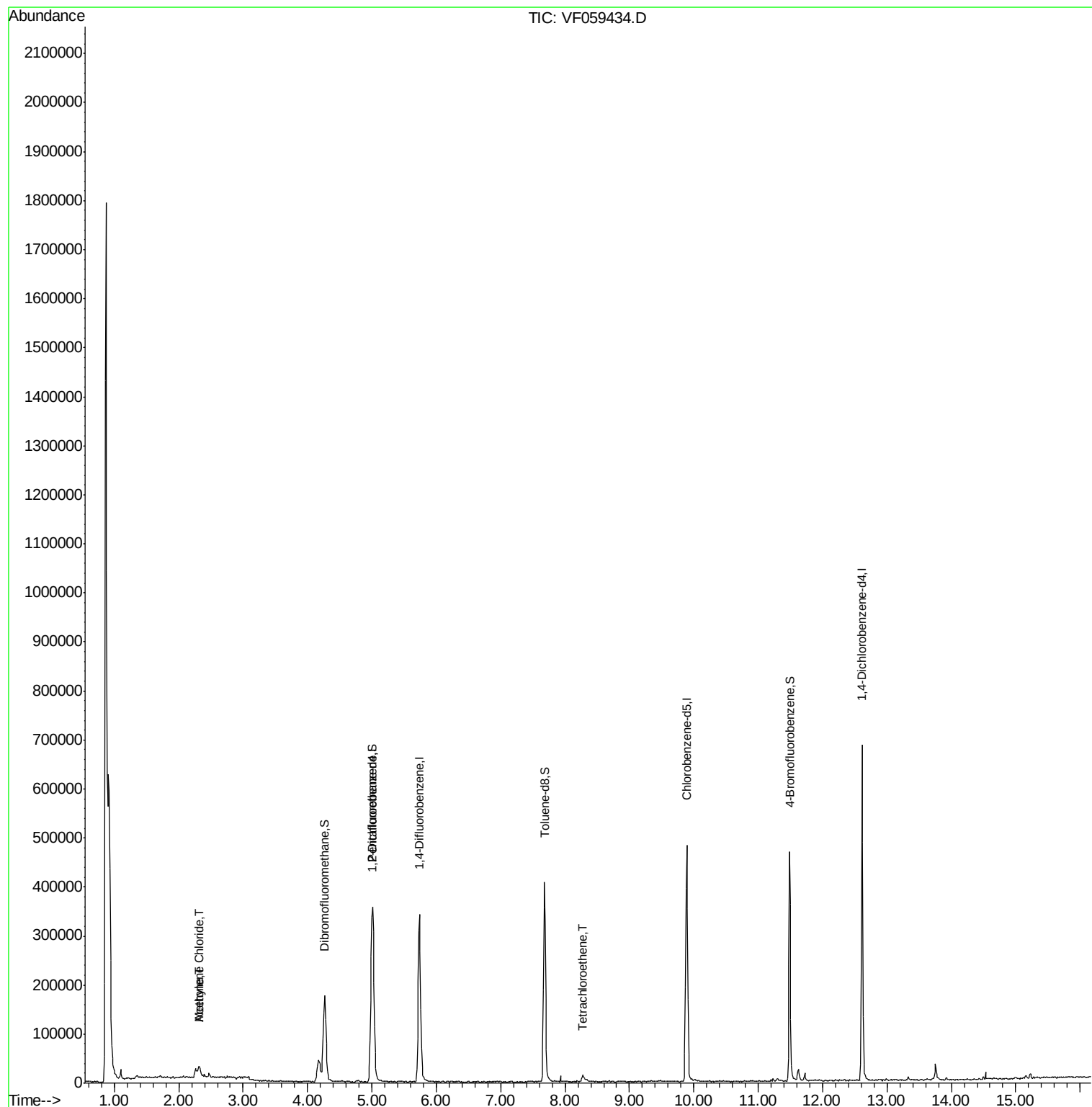
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	232844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	344773	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	329691	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	163553	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	171553	57.03	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.06%	
35) Dibromofluoromethane	4.26	113	159714	63.40	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	126.80%	
50) Toluene-d8	7.68	98	331821	53.20	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.40%	
62) 4-Bromofluorobenzene	11.49	95	151843	43.16	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.32%	
Target Compounds						
					Qvalue	
16) Acetone	2.33	43	12092	6.146	ug/l #	83
20) Methylene Chloride	2.30	84	14699	1.553	ug/l #	92
64) Tetrachloroethene	8.27	164	3662	1.713	ug/l #	79
87) 1,3-Dichlorobenzene	12.53	146	310	Below Cal	#	45

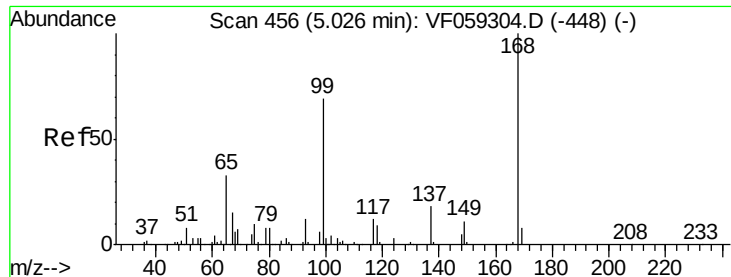
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059434.D

Acq: 5 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

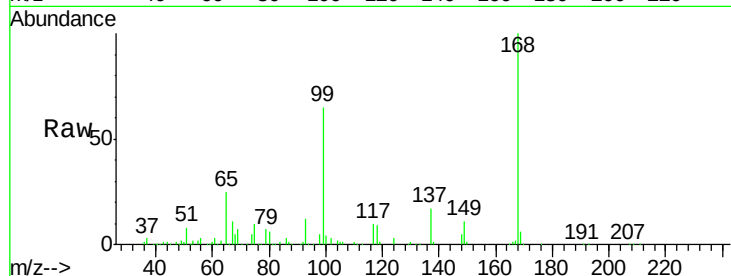
TP-4-DRE

Tot Ion:168 Resp: 232844

Ion Ratio Lower Upper

168 100

99 65.2 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

80000

60000

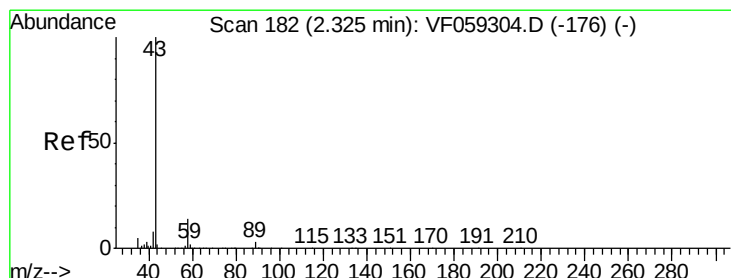
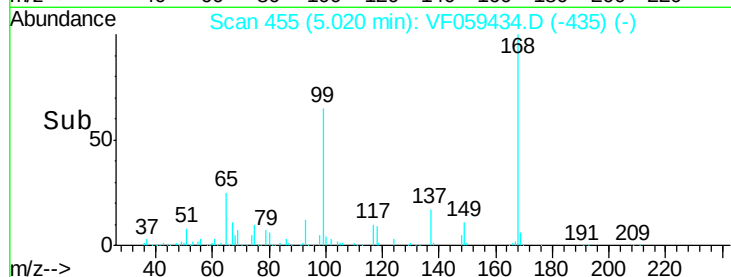
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 6.146 ug/l

RT: 2.33 min Scan# 182

Delta R.T. 0.00 min

Lab File: VF059434.D

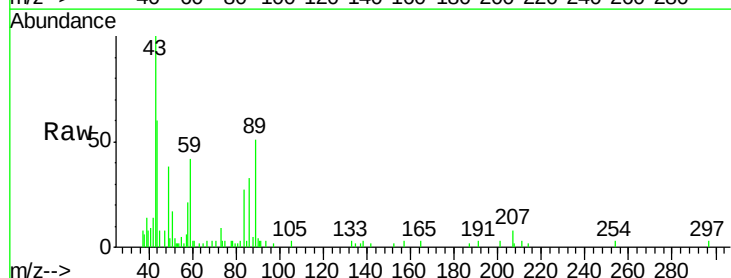
Acq: 5 Jul 2018 15:17

Tgt Ion: 43 Resp: 12092

Ion Ratio Lower Upper

43 100

58 21.2 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

5000

4000

3000

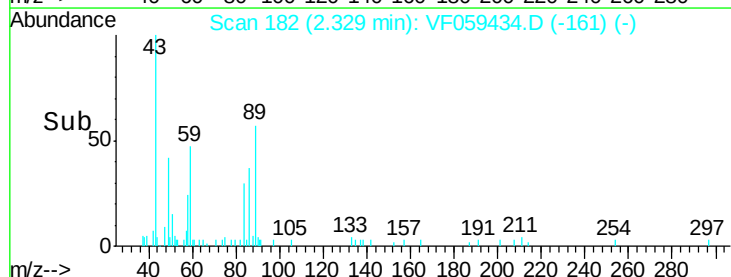
2000

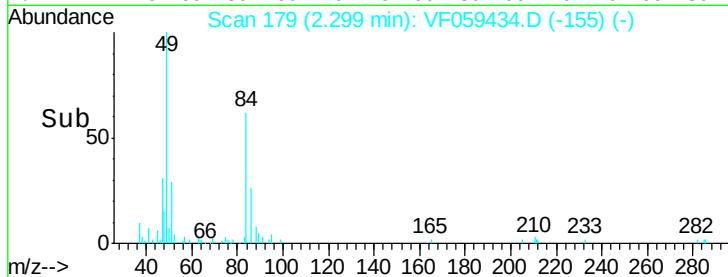
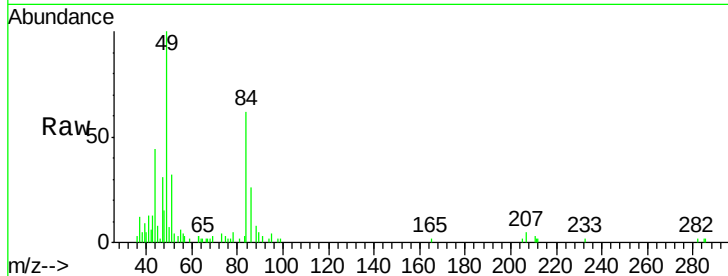
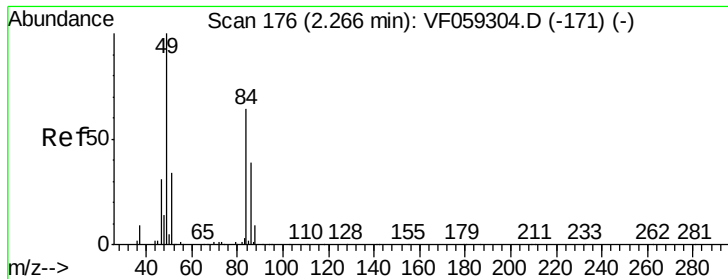
1000

0

Time-->

2.25 2.30 2.35 2.40

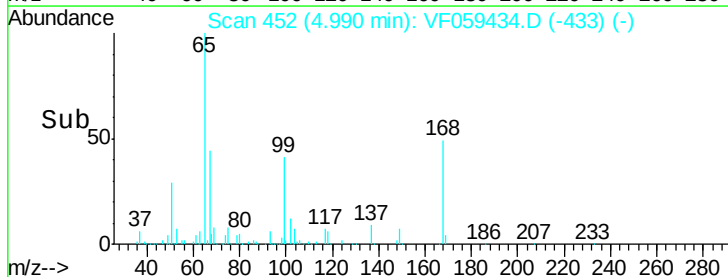
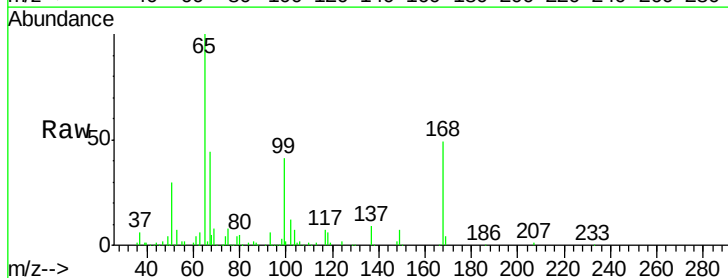
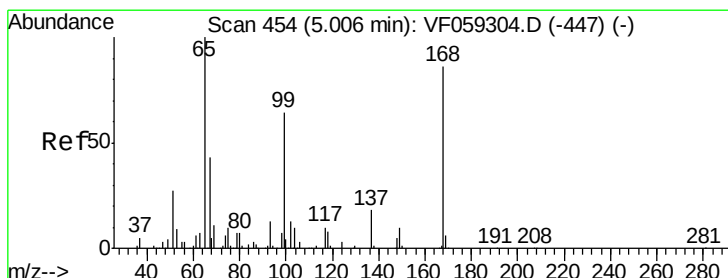
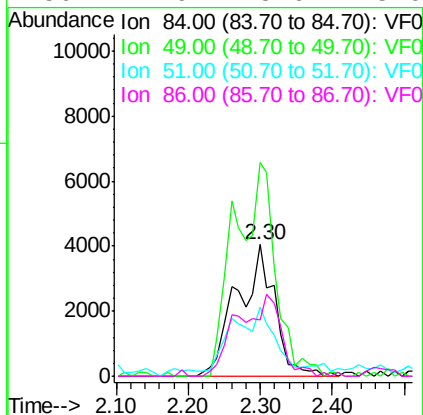




#20
Methylene Chloride
Concen: 1.553 ug/l
RT: 2.30 min Scan# 179
Delta R.T. 0.03 min
Lab File: VF059434.D
Acq: 5 Jul 2018 15:17

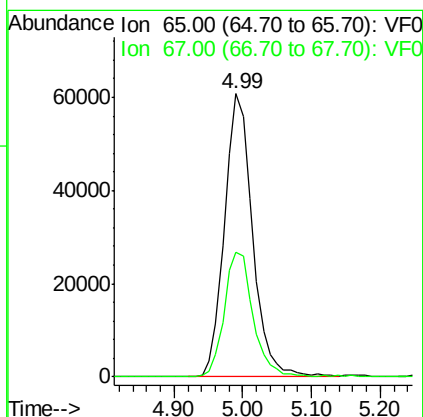
Instrument :
MSVOA_F
ClientSampleId :
TP-4-DRE

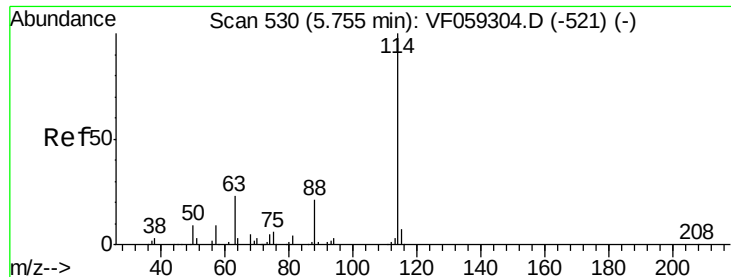
Tot Ion	Ratio	Lower	Upper
84	100		
49	162.4	126.5	189.7
51	52.3	42.9	64.3
86	42.9	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 57.026 ug/l
RT: 4.99 min Scan# 452
Delta R.T. -0.02 min
Lab File: VF059434.D
Acq: 5 Jul 2018 15:17

Tgt Ion	Ratio	Lower	Upper
65	100		
67	44.1	0.0	96.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.74 min Scan# 528

Delta R.T. -0.02 min

Lab File: VF059434.D

Acq: 5 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

TP-4-DRE

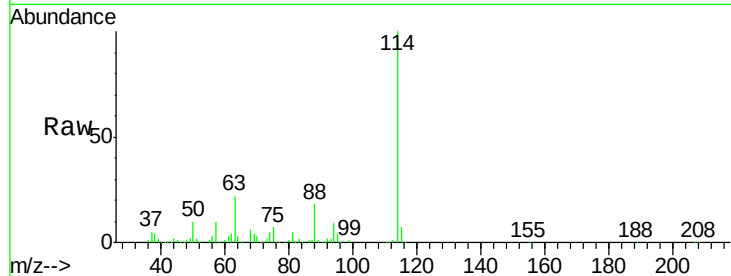
Tot Ion:114 Resp: 344773

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.8

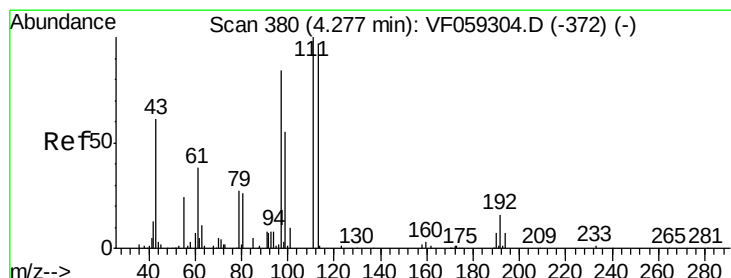
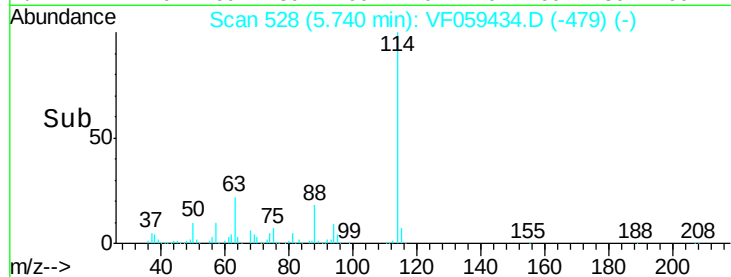
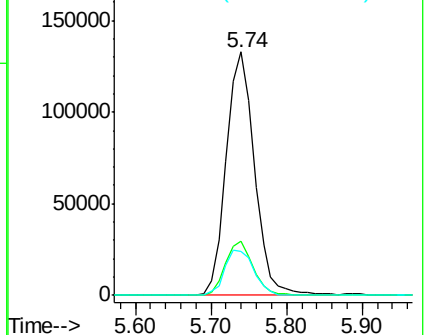
88 18.1 0.0 41.2



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: 63.400 ug/l

RT: 4.26 min Scan# 378

Delta R.T. -0.02 min

Lab File: VF059434.D

Acq: 5 Jul 2018 15:17

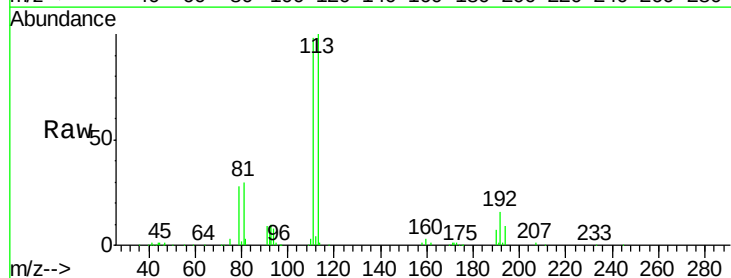
Tgt Ion:113 Resp: 159714

Ion Ratio Lower Upper

113 100

111 98.4 82.1 123.1

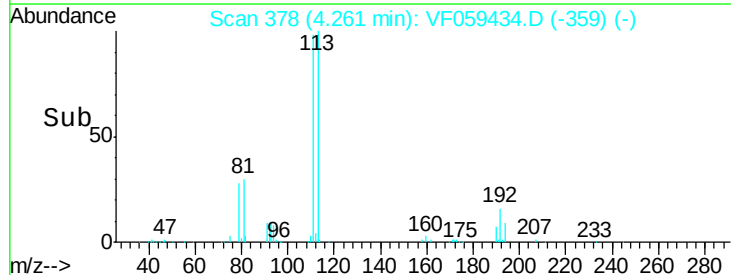
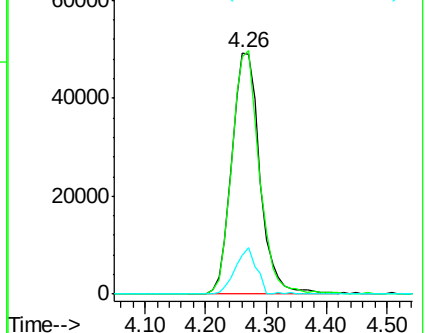
192 15.8 13.0 19.6

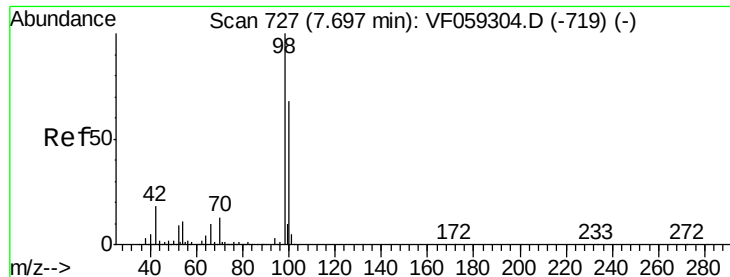


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

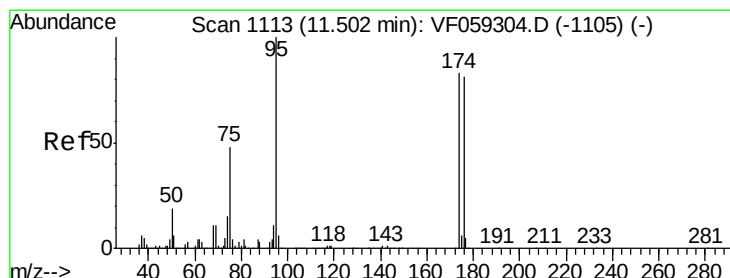
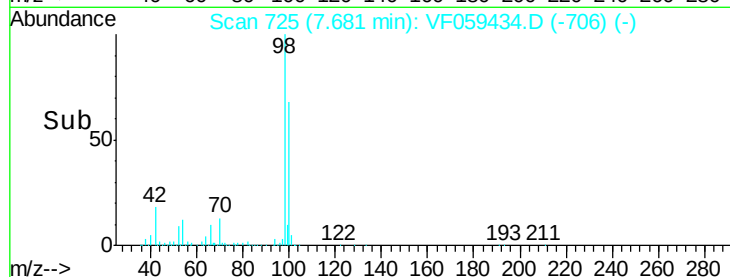
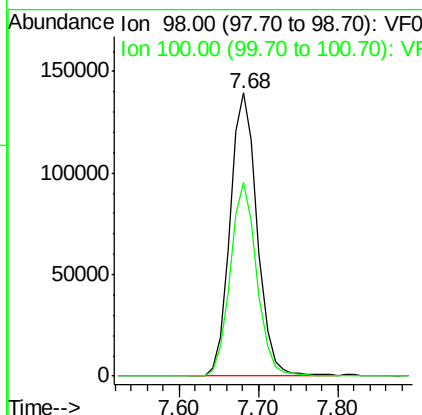
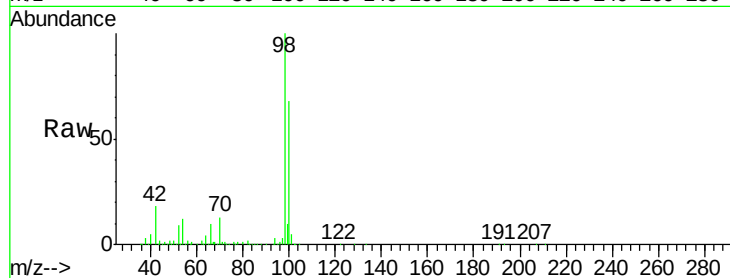




#50
Toluene-d8
Concen: 53.201 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059434.D
Acq: 5 Jul 2018 15:17

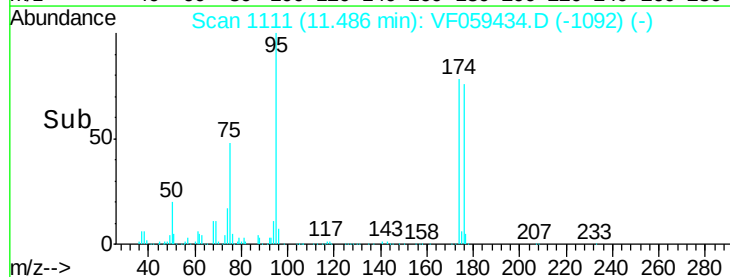
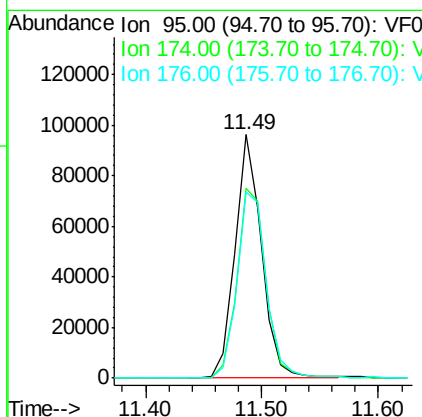
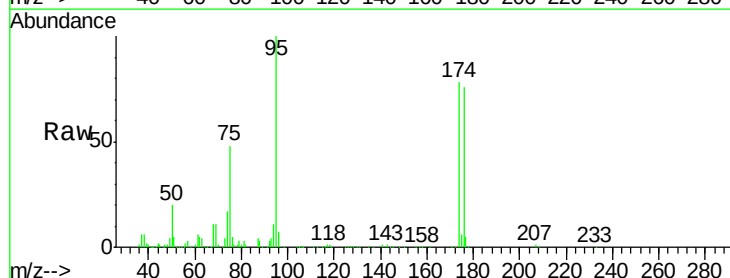
Instrument :
MSVOA_F
ClientSampleId :
TP-4-DRE

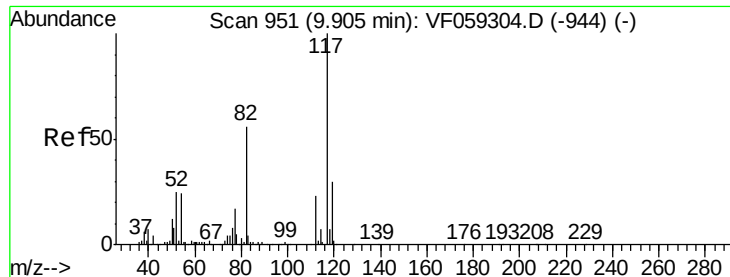
Tot Ion: 98 Resp: 331821
Ion Ratio Lower Upper
98 100
100 68.4 54.6 82.0



#62
4-Bromofluorobenzene
Concen: 43.158 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF059434.D
Acq: 5 Jul 2018 15:17

Tgt Ion: 95 Resp: 151843
Ion Ratio Lower Upper
95 100
174 77.8 0.0 165.2
176 76.2 0.0 161.0

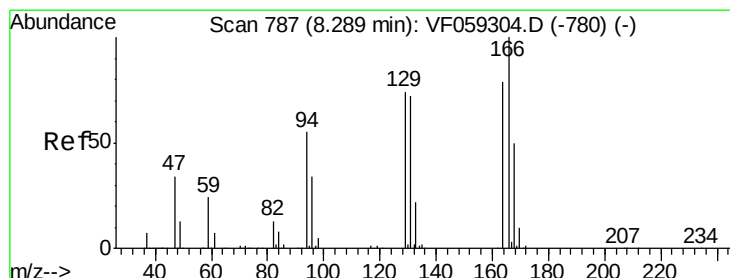
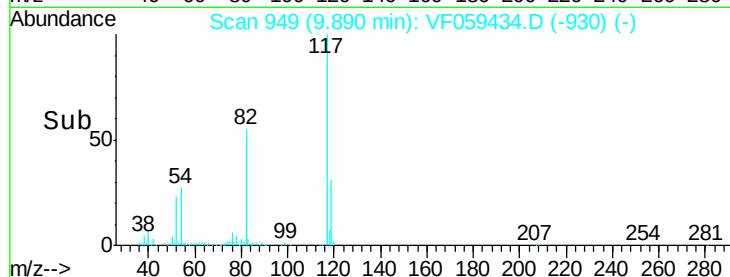
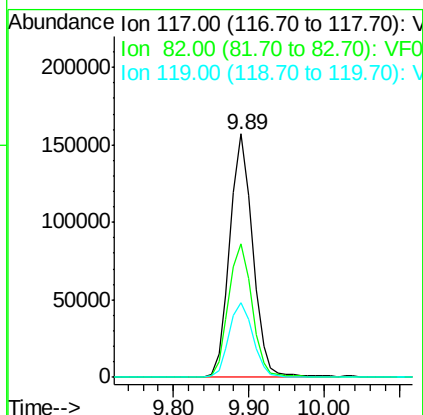
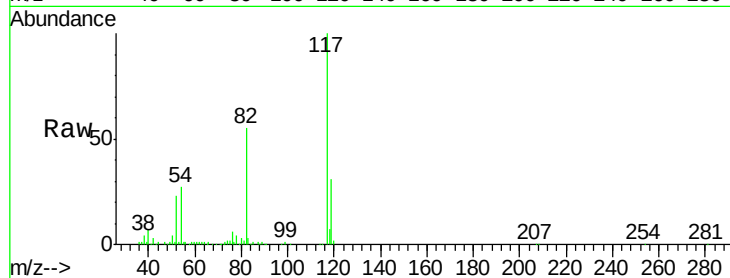




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059434.D
Acq: 5 Jul 2018 15:17

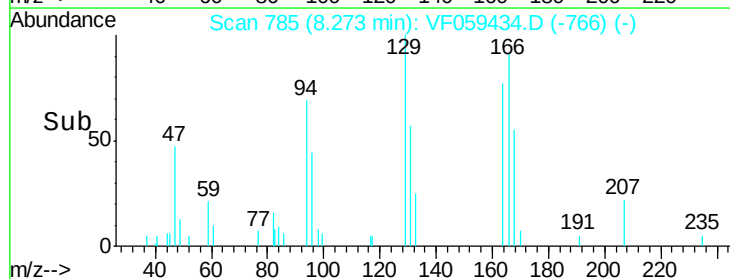
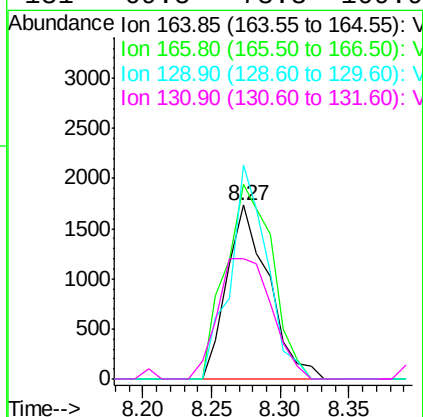
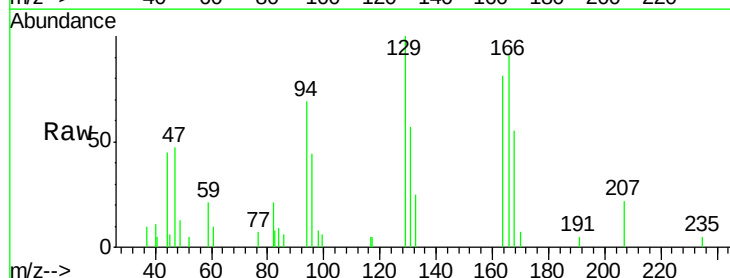
Instrument :
MSVOA_F
ClientSampleId :
TP-4-DRE

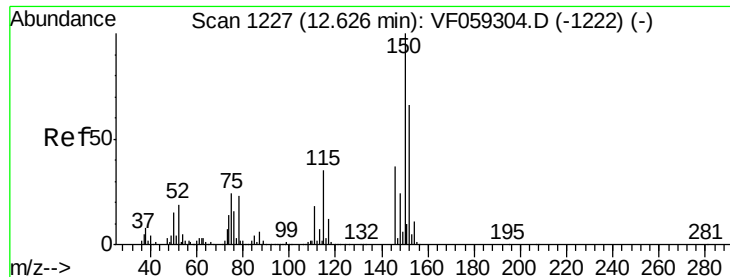
Tot Ion:117 Resp: 329691
Ion Ratio Lower Upper
117 100
82 54.9 44.6 66.8
119 30.7 24.1 36.1



#64
Tetrachloroethene
Concen: 1.713 ug/l
RT: 8.27 min Scan# 785
Delta R.T. -0.02 min
Lab File: VF059434.D
Acq: 5 Jul 2018 15:17

Tgt Ion:164 Resp: 3662
Ion Ratio Lower Upper
164 100
166 111.6 101.1 151.7
129 122.8 75.0 112.4#
131 69.5 73.3 109.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.02 min

Lab File: VF059434.D

Acq: 5 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

TP-4-DRE

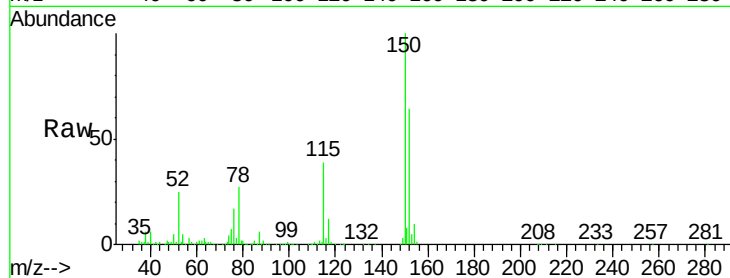
Tot Ion:152 Resp: 163553

Ion Ratio Lower Upper

152 100

115 60.4 27.1 81.3

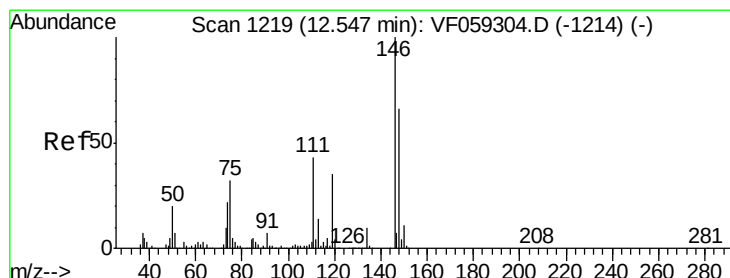
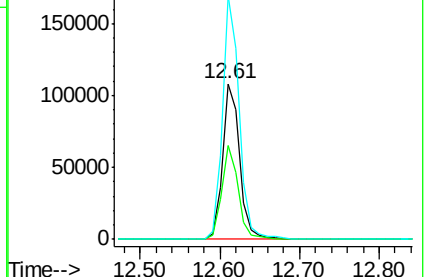
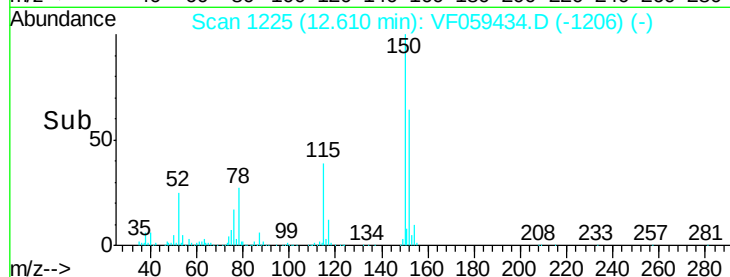
150 156.6 0.0 305.2



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



#87

1,3-Dichlorobenzene

Concen: Below Cal

RT: 12.53 min Scan# 1217

Delta R.T. -0.02 min

Lab File: VF059434.D

Acq: 5 Jul 2018 15:17

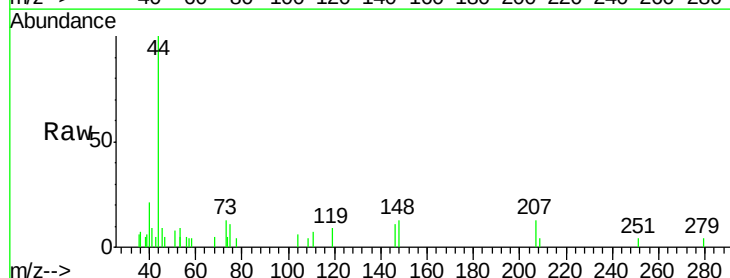
Tgt Ion:146 Resp: 310

Ion Ratio Lower Upper

146 100

111 65.9 21.4 64.2#

148 119.1 32.8 98.4#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

