

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002378.D
 Acq On : 10 May 2018 14:20
 Operator : JC/SY
 Sample : J2790-02
 Misc : 10.70G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-01-004-A

Quant Time: May 10 14:57:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

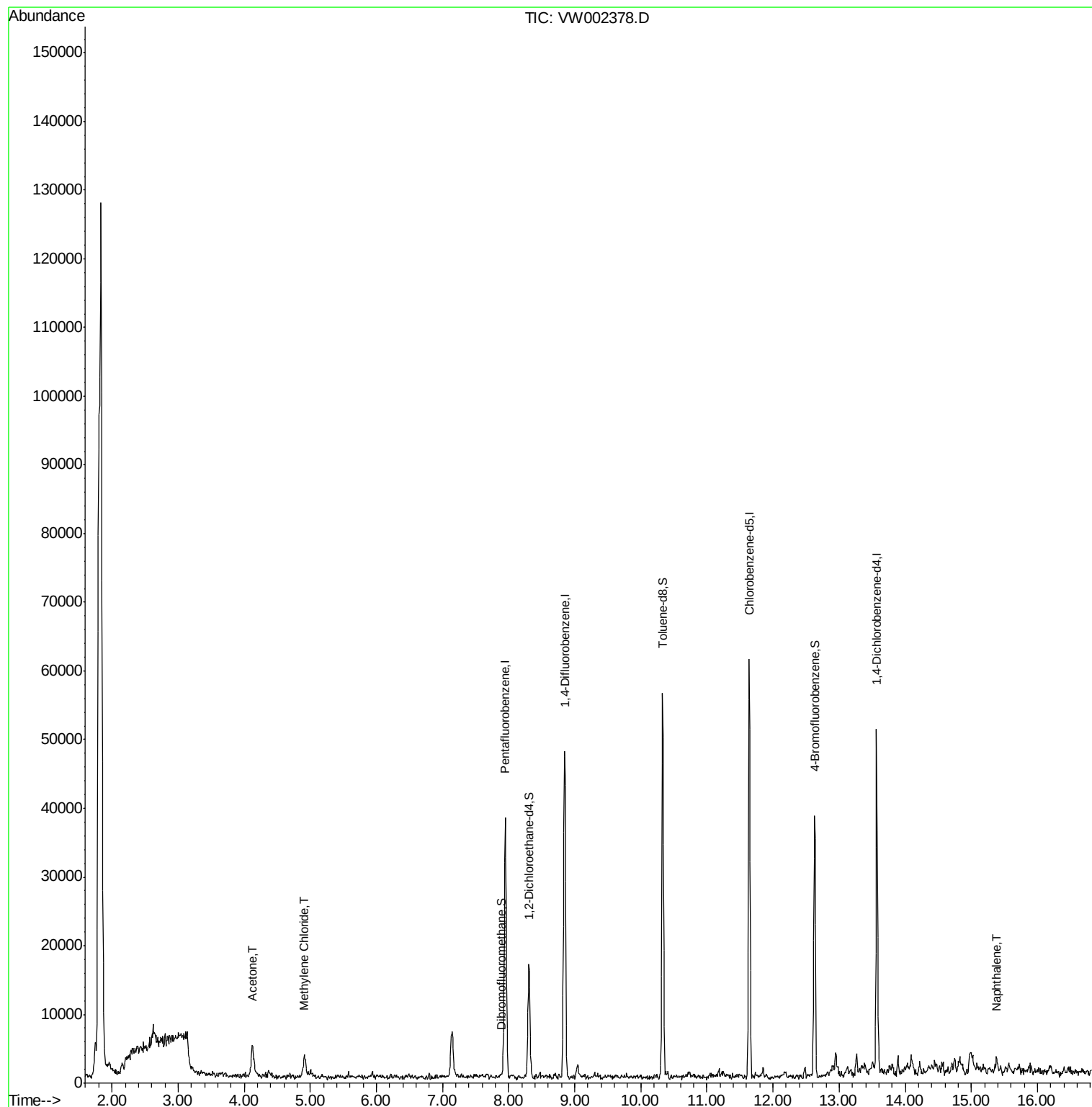
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	28413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	40694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	33067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	12629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	12440	41.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.46%	
35) Dibromofluoromethane	7.89	113	435	1.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.34%	
50) Toluene-d8	10.33	98	36126	36.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.64%	
62) 4-Bromofluorobenzene	12.63	95	11178	31.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.20%	
Target Compounds						
16) Acetone	4.12	43	8447	143.35	ug/l	Qvalue 97
20) Methylene Chloride	4.92	84	1973m	6.94	ug/l	
95) Naphthalene	15.38	128	1604	3.29	ug/l #	94

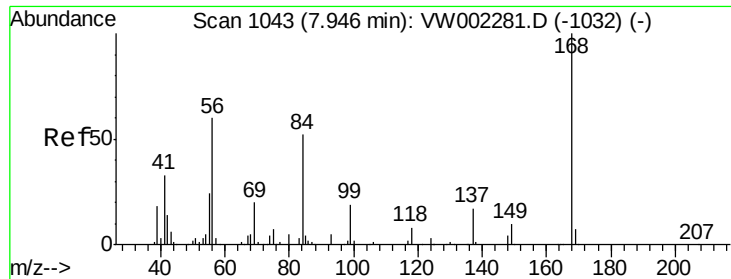
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002378.D

Acq: 10 May 2018 14:20

Instrument :

MSVOA_W

ClientSampleId :

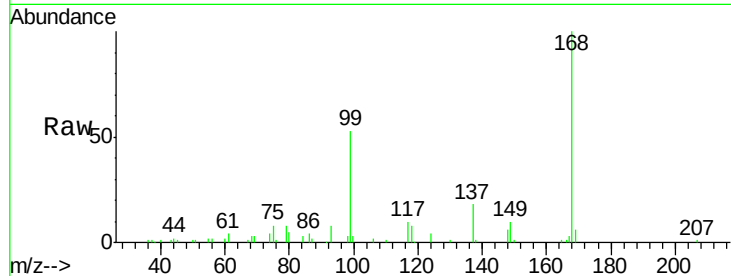
FK-SF-01-004-A

Tot Ion:168 Resp: 28413

Ion Ratio Lower Upper

168 100

99 52.8 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

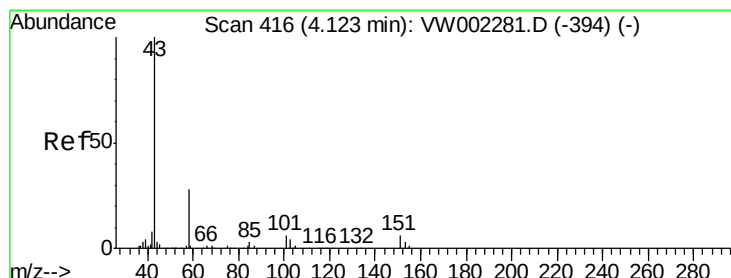
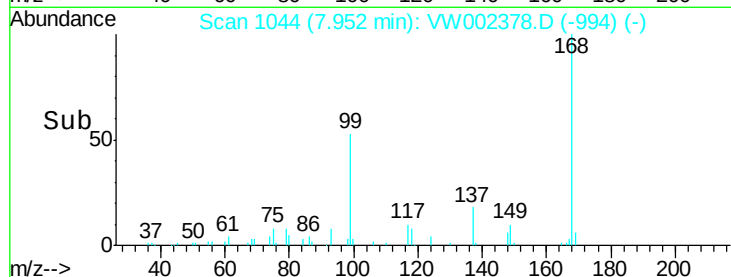
10000

5000

0

7.85 7.90 7.95 8.00

Time-->



#16

Acetone

Concen: 143.35 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002378.D

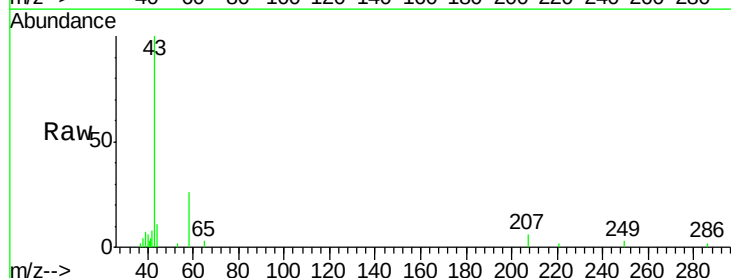
Acq: 10 May 2018 14:20

Tgt Ion: 43 Resp: 8447

Ion Ratio Lower Upper

43 100

58 26.1 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

3000

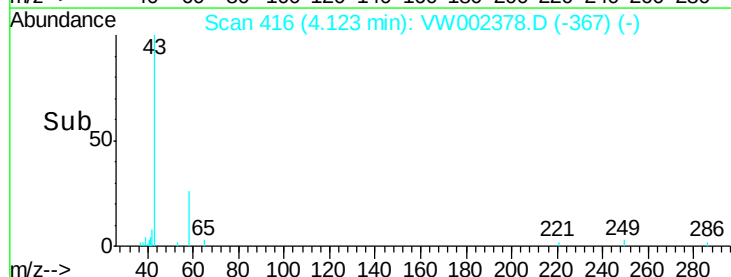
2000

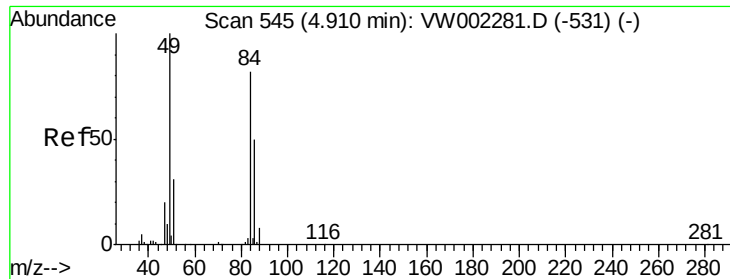
1000

0

4.05 4.10 4.15 4.20

Time-->

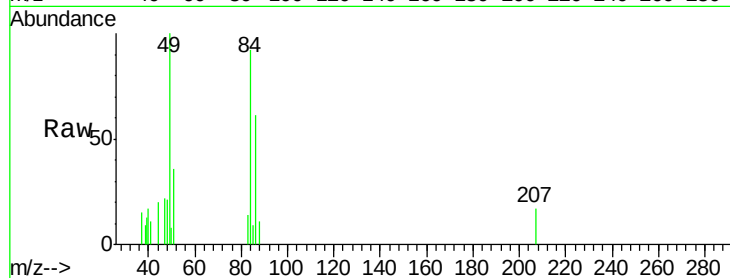




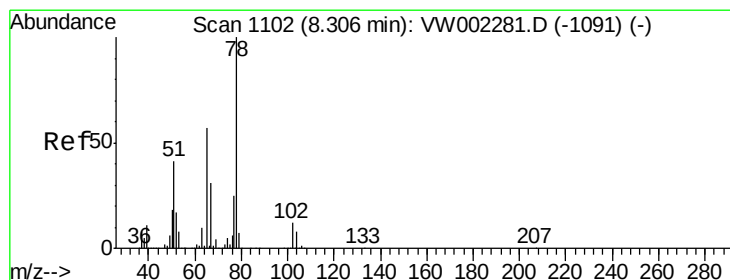
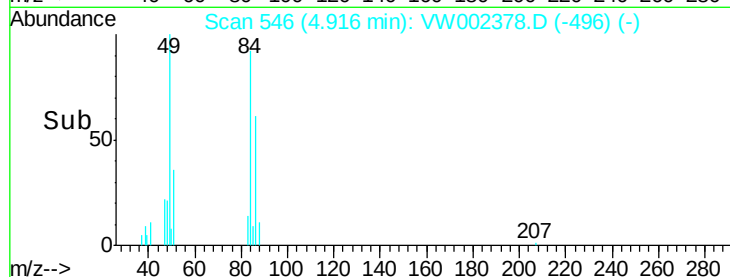
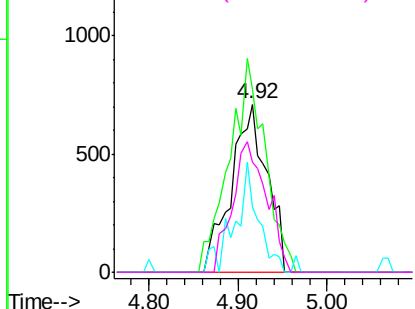
#20
Methylene Chloride
Concen: 6.94 ug/l m
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW002378.D
Acq: 10 May 2018 14:20

Instrument :
MSVOA_W
ClientSampleId :
FK-SF-01-004-A

Tot Ion: 84 Resp: 1973
Ion Ratio Lower Upper
84 100
49 108.7 97.7 146.5
51 39.0 30.2 45.4
86 65.8 48.9 73.3

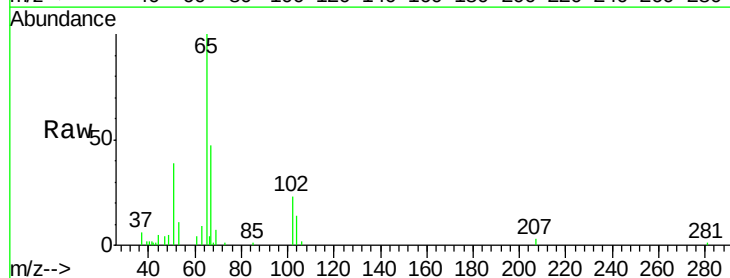


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

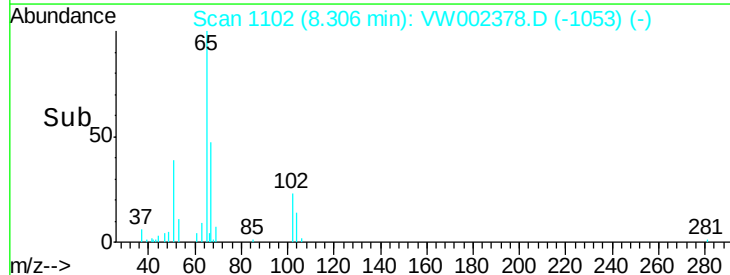
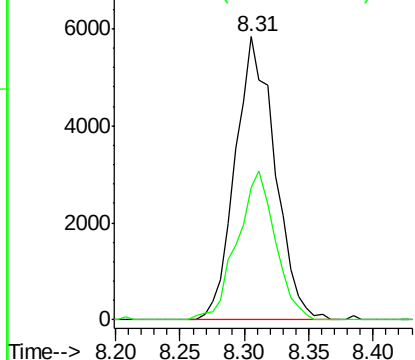


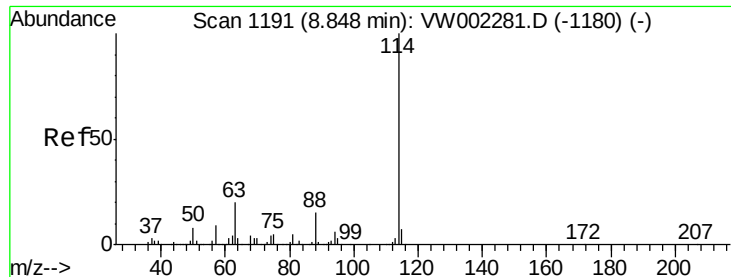
#33
1,2-Dichloroethane-d4
Concen: 41.23 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW002378.D
Acq: 10 May 2018 14:20

Tgt Ion: 65 Resp: 12440
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW002378.D

Acq: 10 May 2018 14:20

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-01-004-A

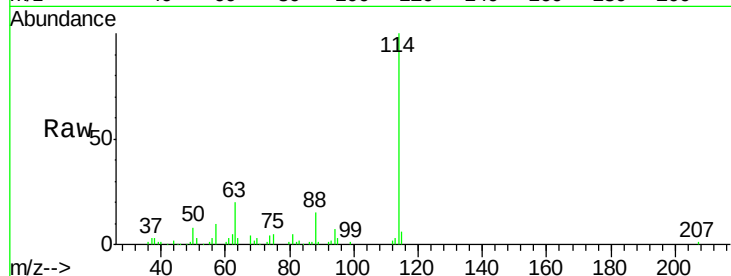
Tot Ion:114 Resp: 40694

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

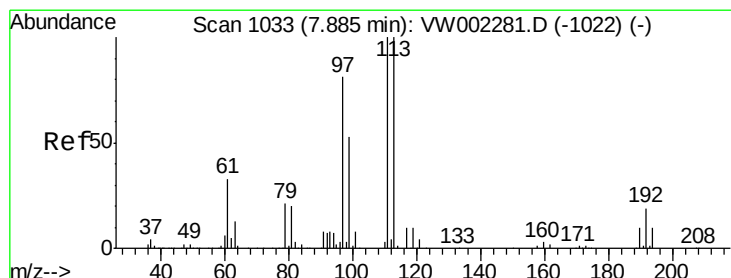
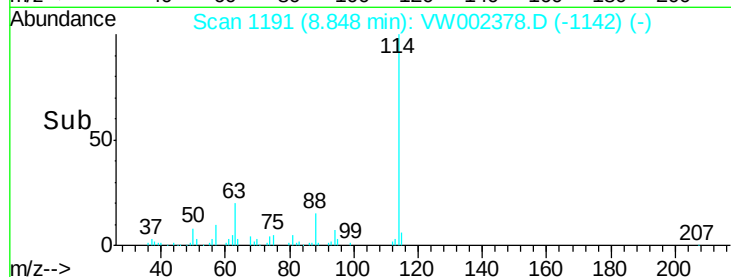
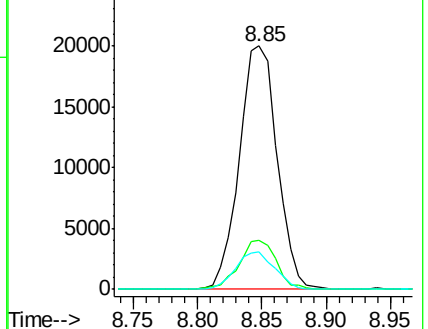
88 15.4 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 1.67 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW002378.D

Acq: 10 May 2018 14:20

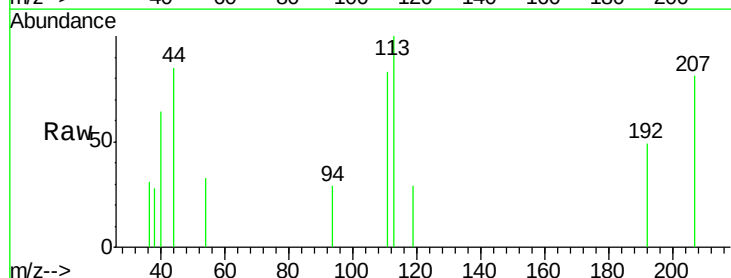
Tgt Ion:113 Resp: 435

Ion Ratio Lower Upper

113 100

111 95.6 81.5 122.3

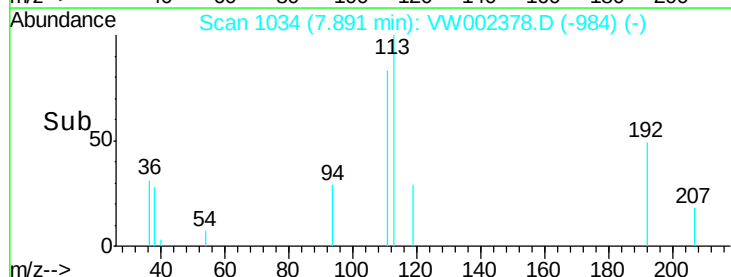
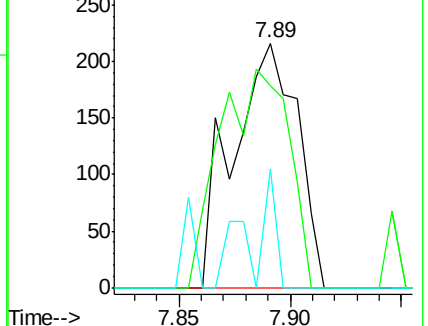
192 9.9 16.4 24.6#

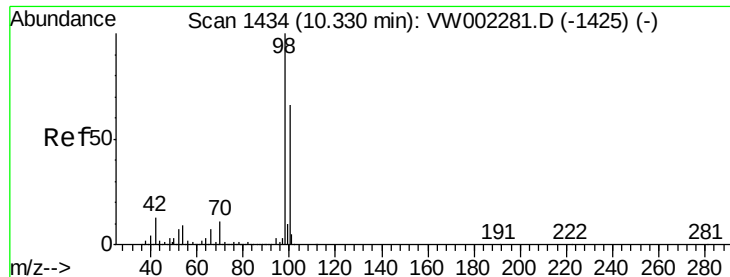


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 36.32 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002378.D

Acq: 10 May 2018 14:20

Instrument :

MSVOA_W

ClientSampleId :

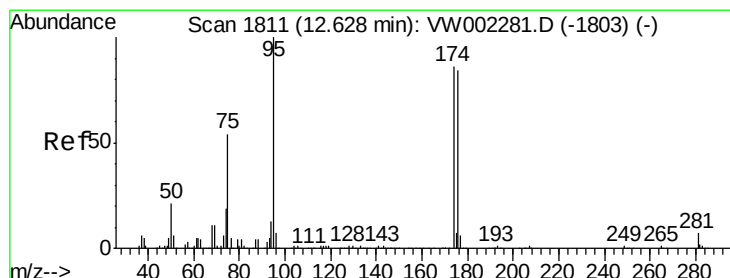
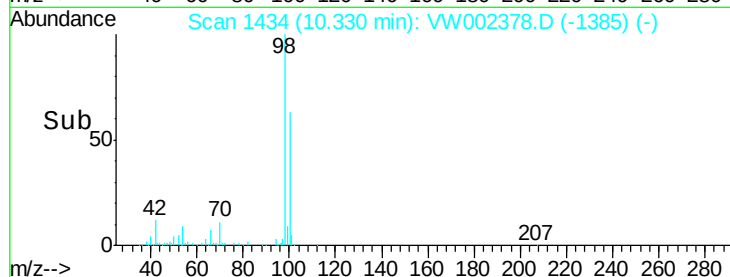
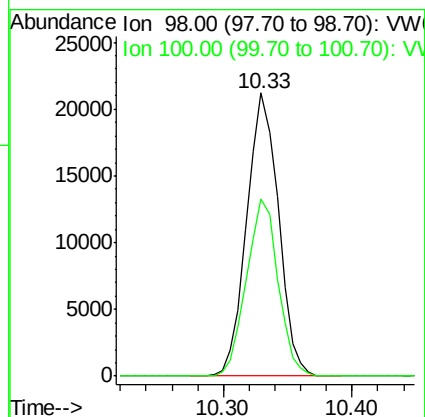
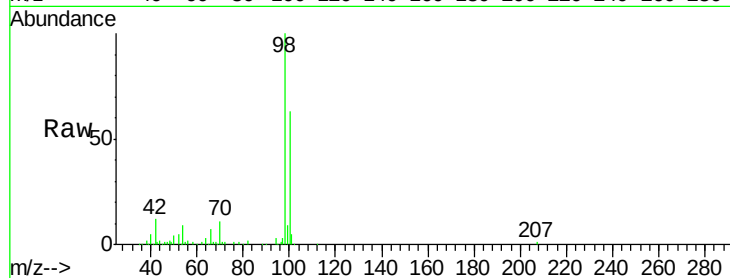
FK-SF-01-004-A

Tot Ion: 98 Resp: 36126

Ion Ratio Lower Upper

98 100

100 62.2 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 31.10 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002378.D

Acq: 10 May 2018 14:20

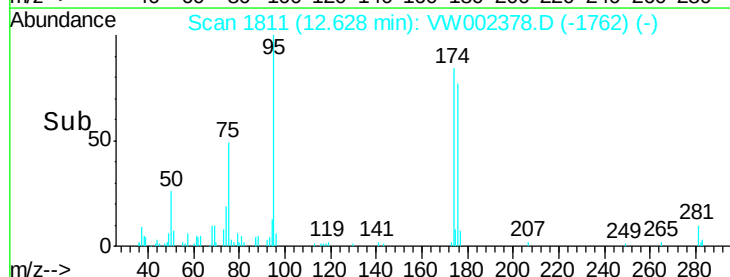
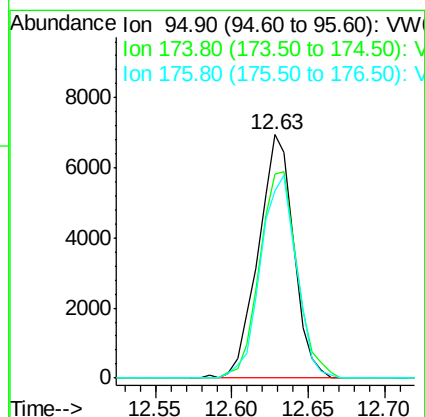
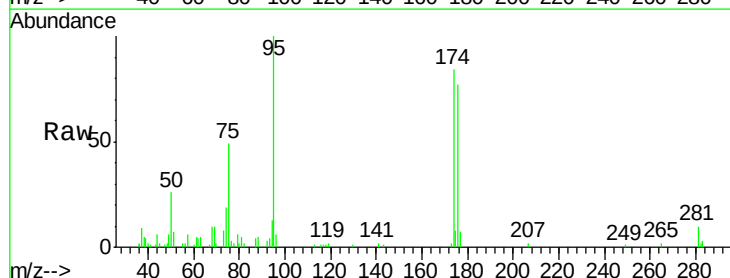
Tgt Ion: 95 Resp: 11178

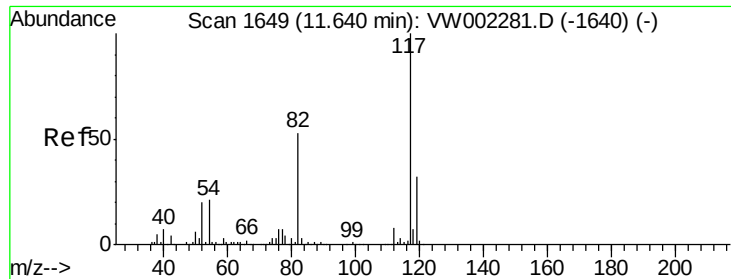
Ion Ratio Lower Upper

95 100

174 90.2 0.0 176.8

176 84.4 0.0 170.4

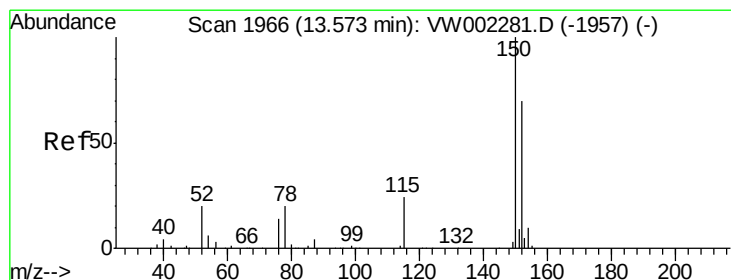
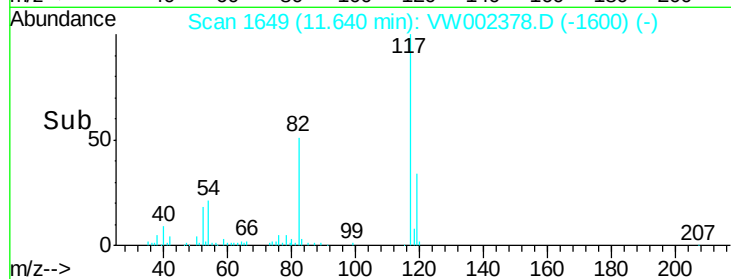
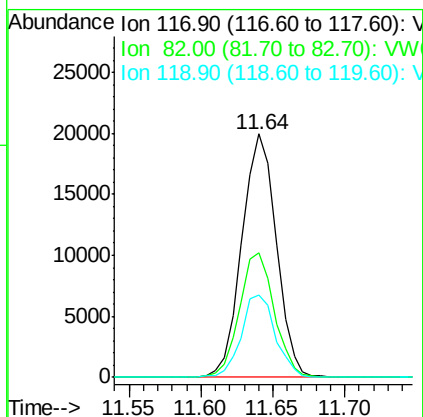
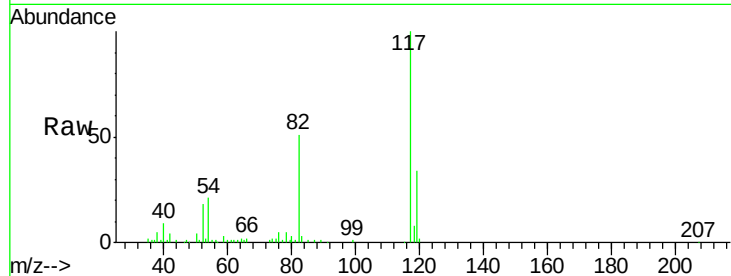




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002378.D
Acq: 10 May 2018 14:20

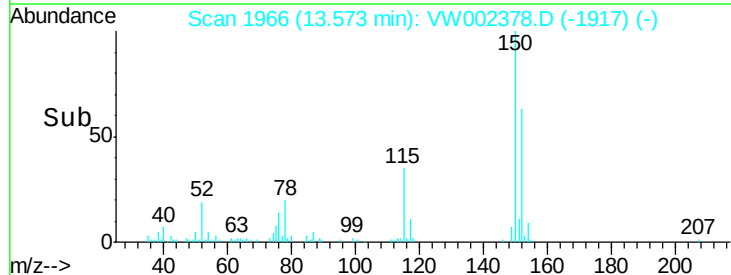
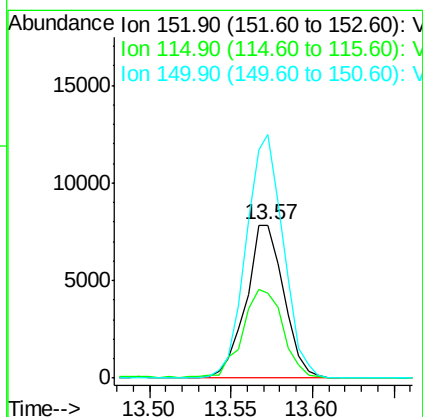
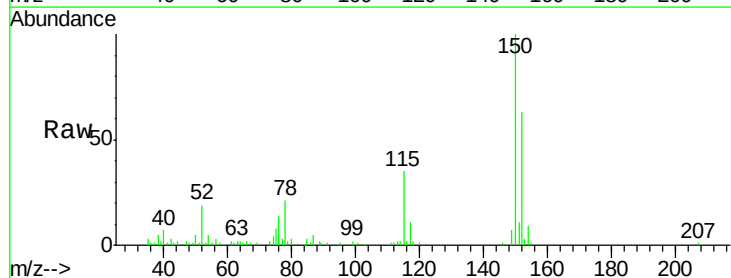
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-01-004-A

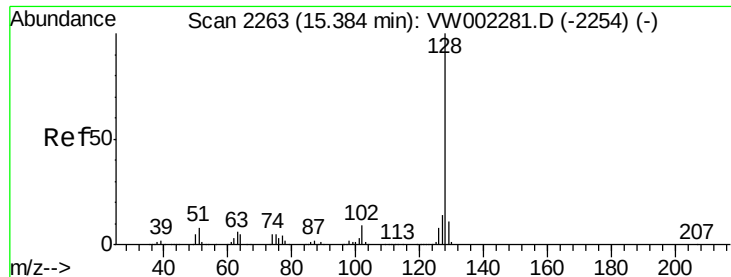
Tot Ion:117 Resp: 33067
Ion Ratio Lower Upper
117 100
82 51.3 42.6 63.8
119 34.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VW002378.D
Acq: 10 May 2018 14:20

Tgt Ion:152 Resp: 12629
Ion Ratio Lower Upper
152 100
115 62.3 28.5 85.5
150 156.0 0.0 342.6





#95

Naphthalene

Concen: 3.29 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW002378.D

Acq: 10 May 2018 14:20

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-01-004-A

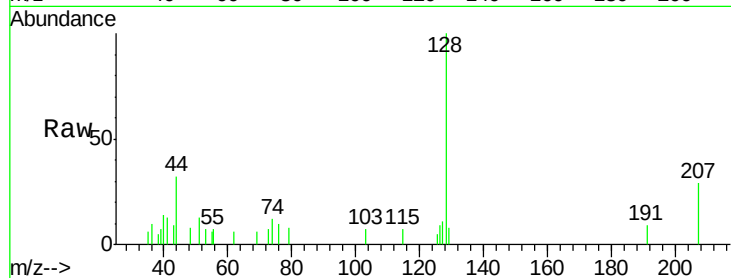
Tot Ion:128 Resp: 1604

Ion Ratio Lower Upper

128 100

127 9.4 11.0 16.4#

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

