

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052419\
 Data File : VW010557.D
 Acq On : 24 May 2019 18:17
 Operator : SY/VA
 Sample : K3052-04
 Misc : 4.92G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-03-007-B

Quant Time: May 25 02:22:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

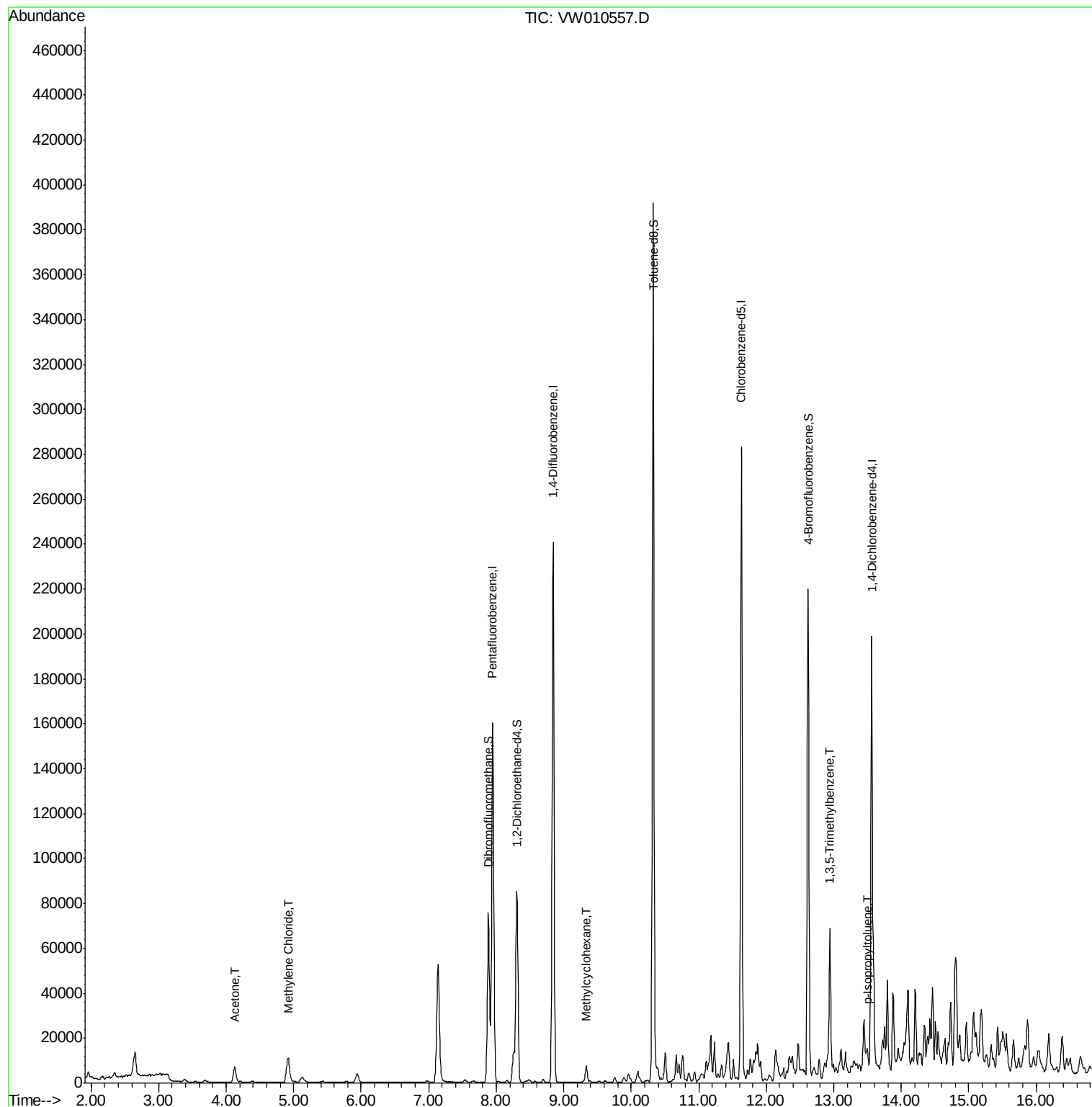
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	120330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	220362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	67178	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
35) Dibromofluoromethane	7.88	113	54088	40.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.90%	
50) Toluene-d8	10.32	98	253192	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.62	95	74772	36.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.50%	
Target Compounds						
16) Acetone	4.13	43	12342	48.682	ug/l	99
20) Methylene Chloride	4.92	84	9666	1.588	ug/l	96
39) Methylcyclohexane	9.34	83	3024m	1.100	ug/l	
80) 1,3,5-Trimethylbenzene	12.94	105	26917	8.004	ug/l	99
86) p-Isopropyltoluene	13.50	119	3809	1.024	ug/l	98

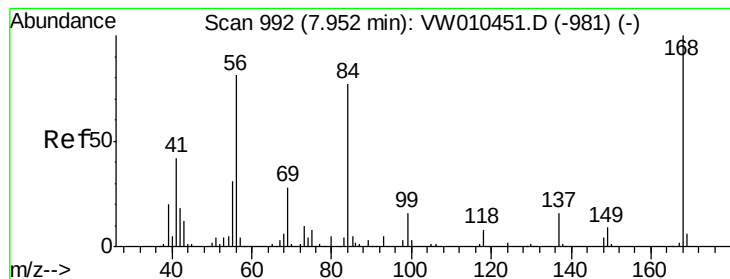
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052419\
Data File : VW010557.D
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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010557.D

Acq: 24 May 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

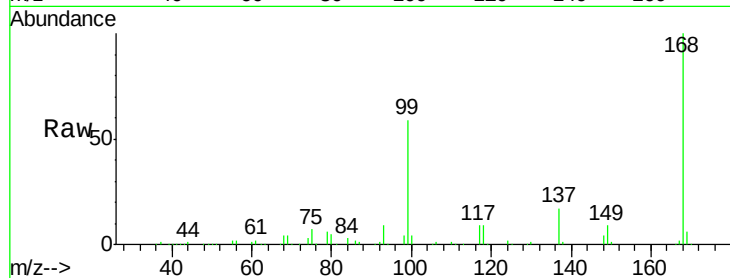
FK-SF-03-007-B

Tot Ion:168 Resp: 120330

Ion Ratio Lower Upper

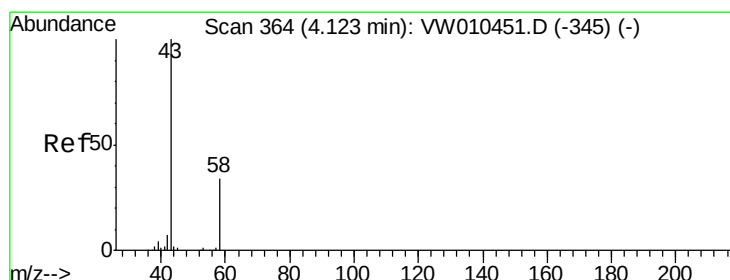
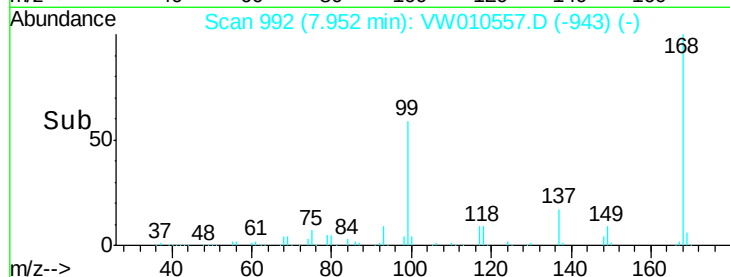
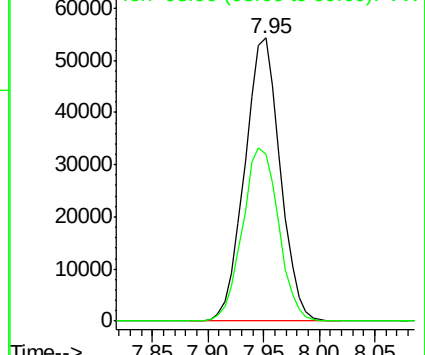
168 100

99 59.0 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 48.682 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010557.D

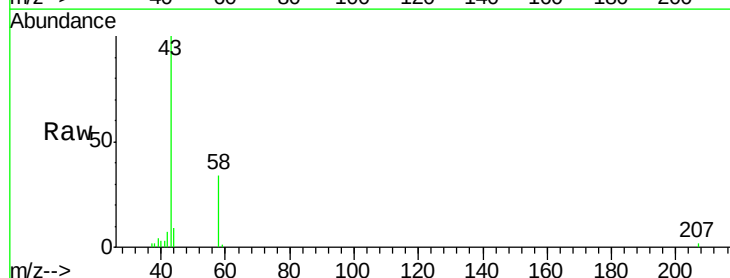
Acq: 24 May 2019 18:17

Tgt Ion: 43 Resp: 12342

Ion Ratio Lower Upper

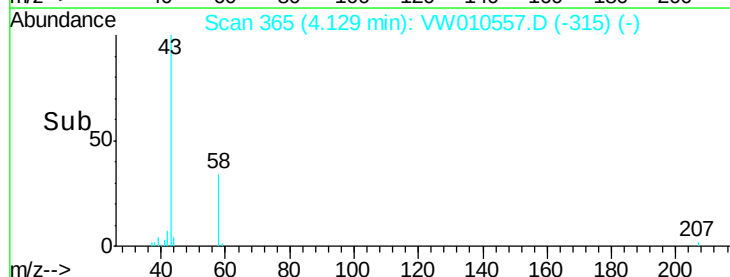
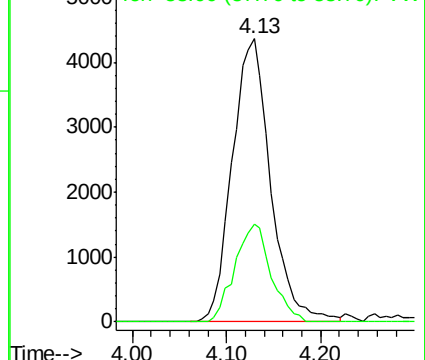
43 100

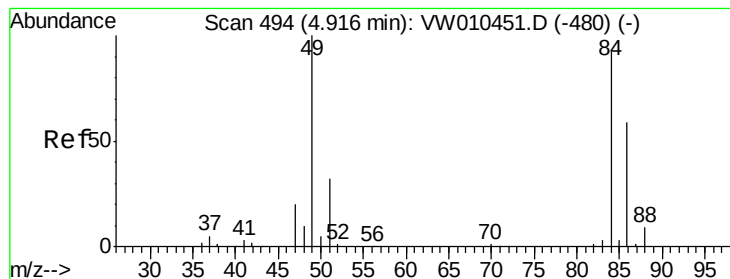
58 34.4 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 1.588 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010557.D

Acq: 24 May 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-03-007-B

Tot Ion: 84 Resp: 9666

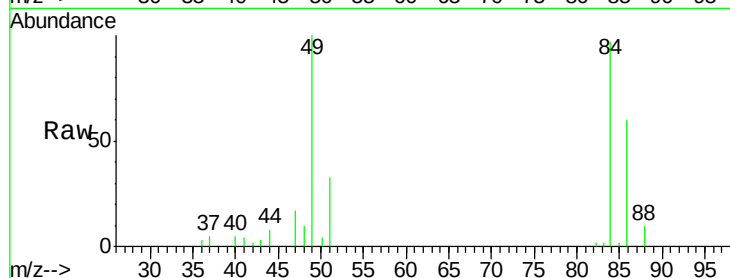
Ion Ratio Lower Upper

84 100

49 103.0 87.2 130.8

51 33.9 27.7 41.5

86 61.3 51.4 77.0

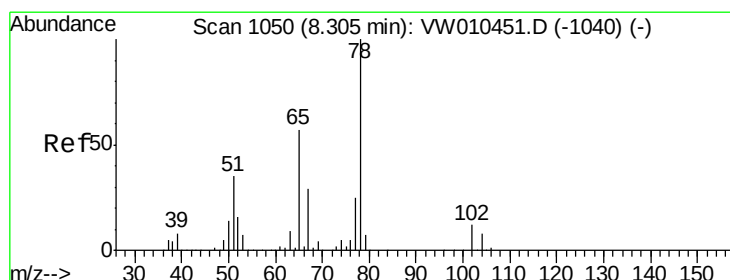
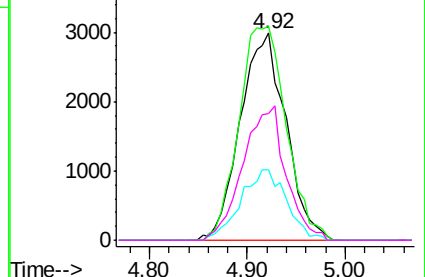
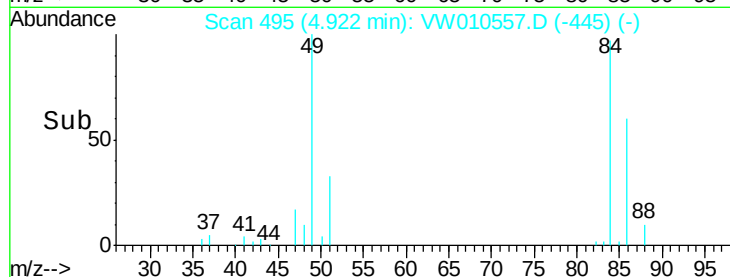


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 54.088 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010557.D

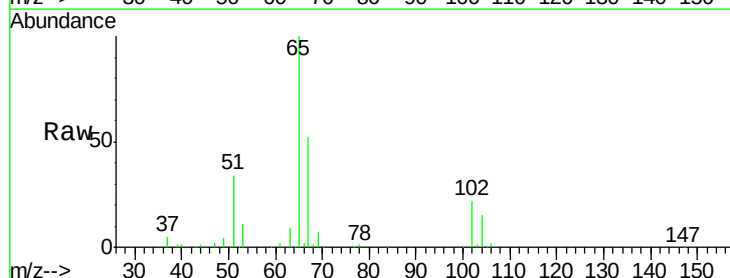
Acq: 24 May 2019 18:17

Tgt Ion: 65 Resp: 67178

Ion Ratio Lower Upper

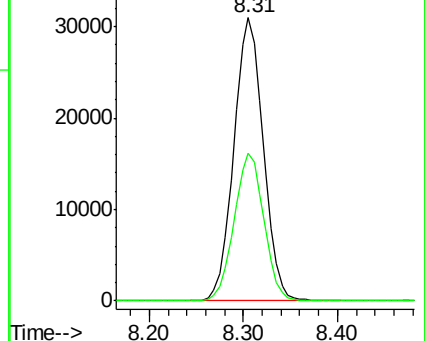
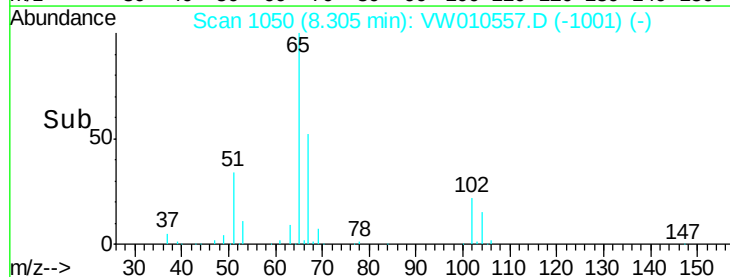
65 100

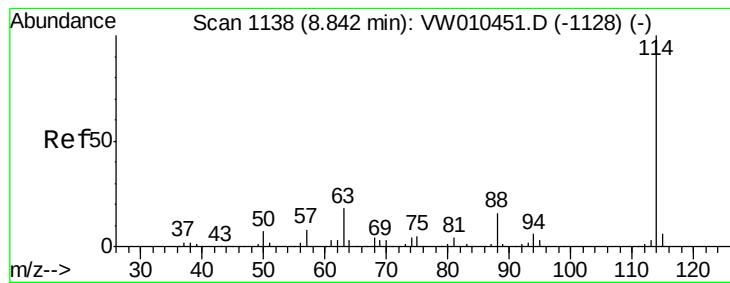
67 52.3 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010557.D

Acq: 24 May 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-03-007-B

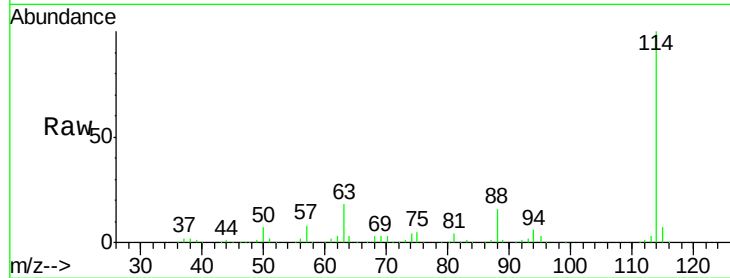
Tot Ion:114 Resp: 220362

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.0

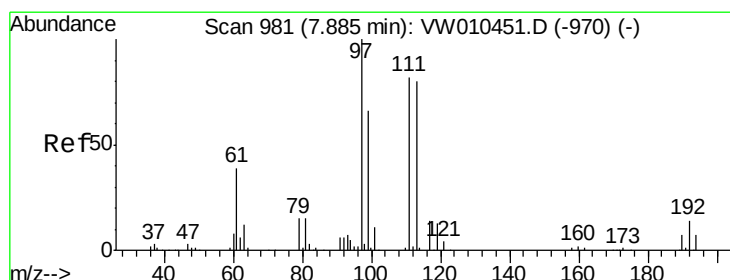
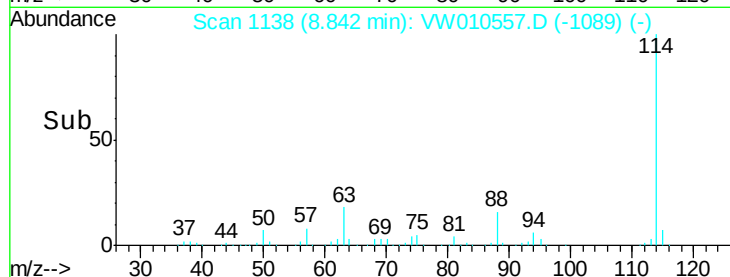
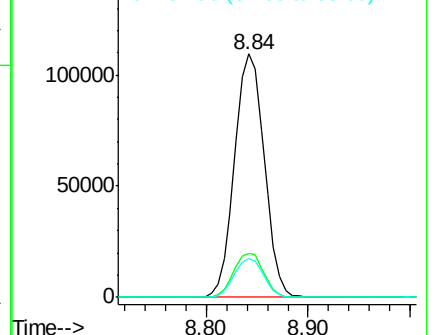
88 16.1 0.0 32.0



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: 40.451 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010557.D

Acq: 24 May 2019 18:17

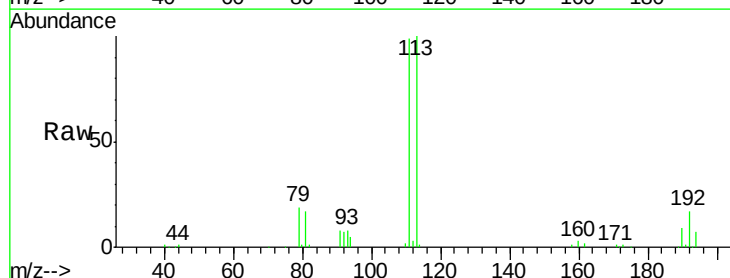
Tgt Ion:113 Resp: 54088

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

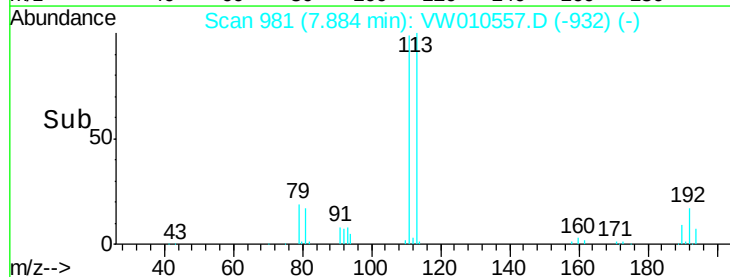
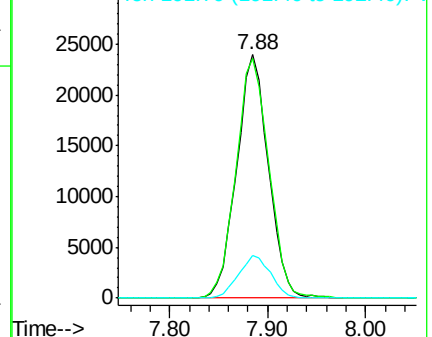
192 17.6 14.3 21.5

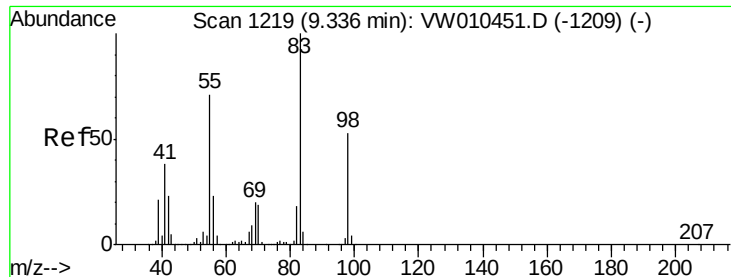


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methylvlcyclohexane

Concen: 1.100 ug/l m

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW010557.D

Acq: 24 May 2019 18:17

Instrument :

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ClientSampleId :

FK-SF-03-007-B

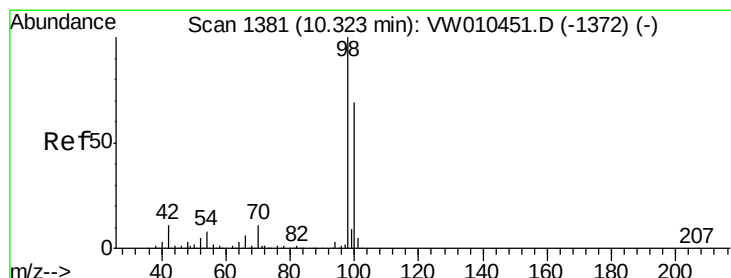
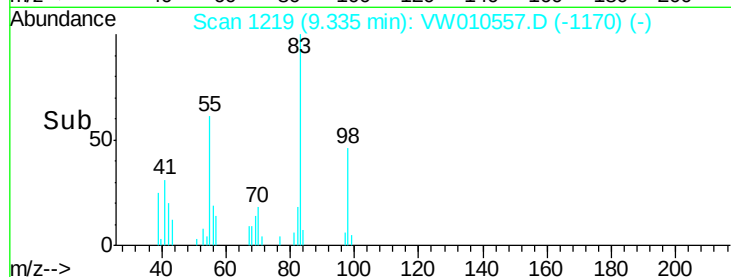
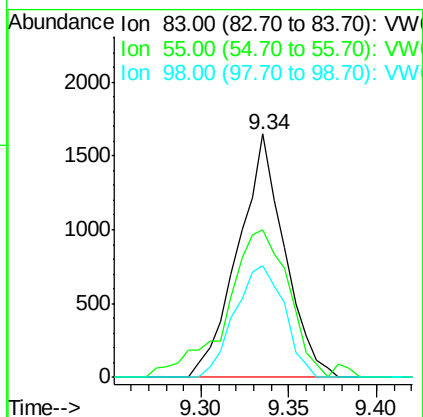
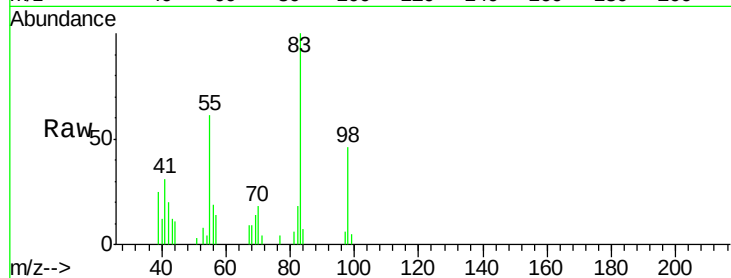
Tot Ion: 83 Resp: 3024

Ion Ratio Lower Upper

83 100

55 60.6 57.0 85.6

98 46.1 42.0 63.0



#50

Toluene-d8

Concen: 49.567 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010557.D

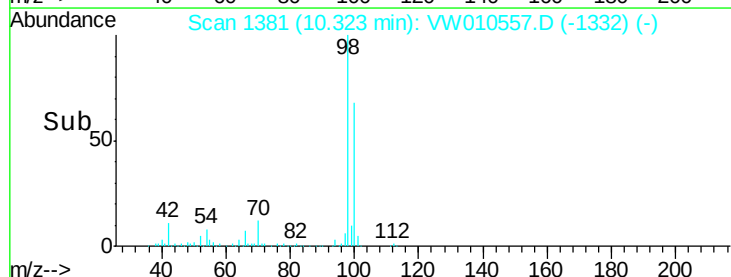
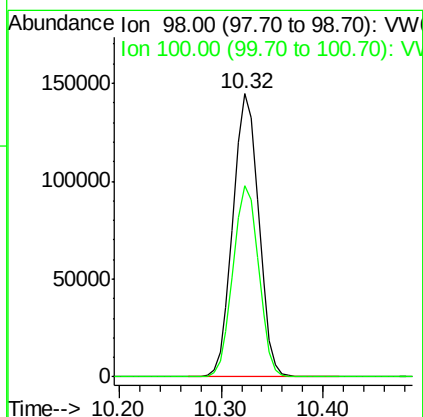
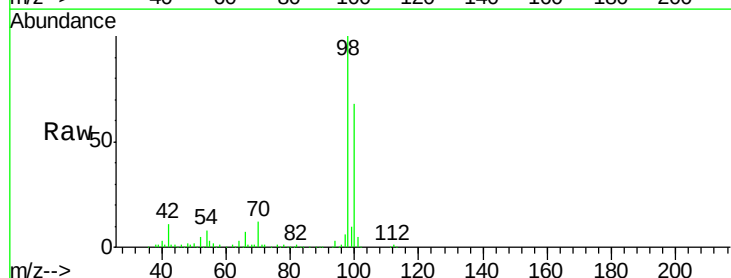
Acq: 24 May 2019 18:17

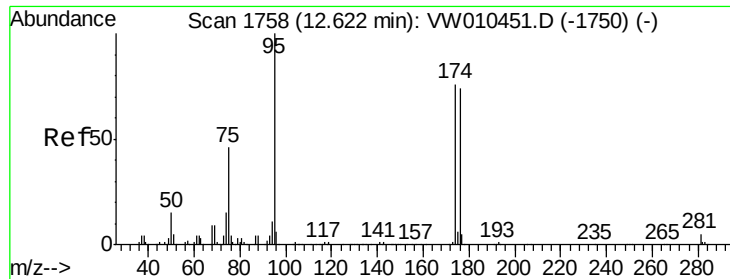
Tgt Ion: 98 Resp: 253192

Ion Ratio Lower Upper

98 100

100 67.2 53.7 80.5

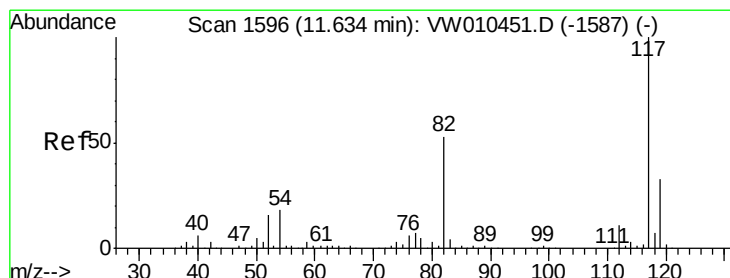
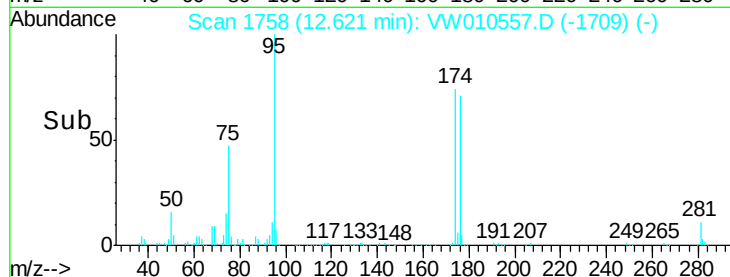
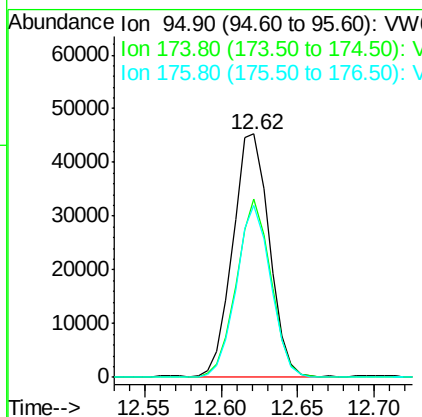
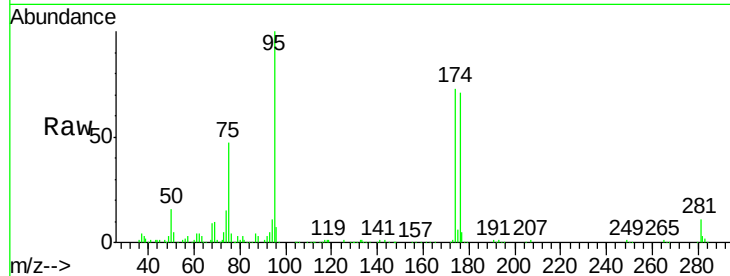




#62
4-Bromofluorobenzene
Concen: 36.750 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010557.D
Acq: 24 May 2019 18:17

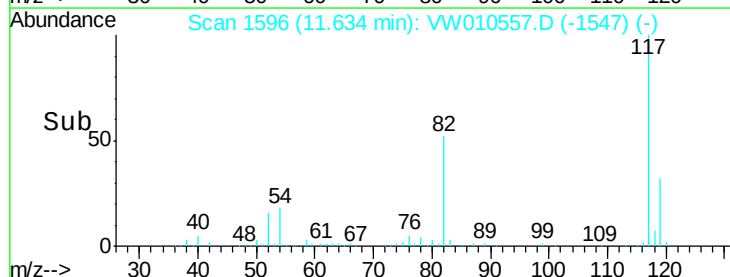
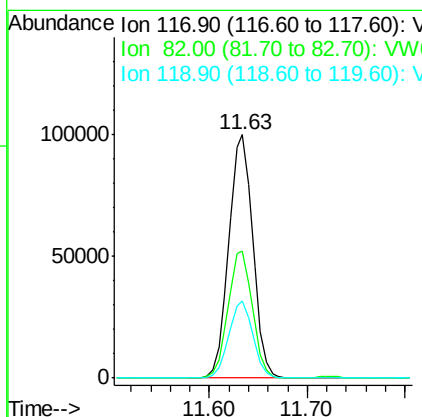
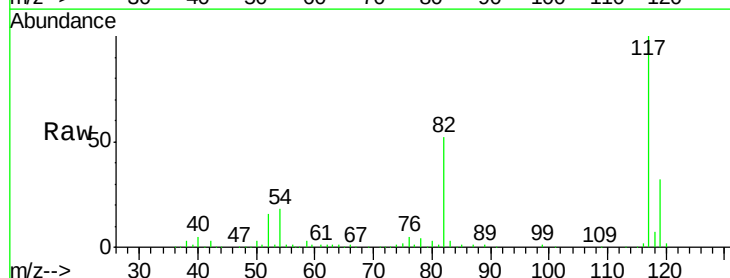
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-03-007-B

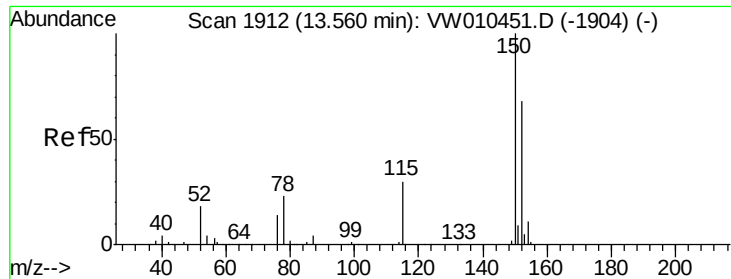
Tot Ion: 95 Resp: 74772
Ion Ratio Lower Upper
95 100
174 69.4 0.0 148.6
176 67.0 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010557.D
Acq: 24 May 2019 18:17

Tgt Ion: 117 Resp: 170028
Ion Ratio Lower Upper
117 100
82 52.3 42.8 64.2
119 31.5 26.3 39.5



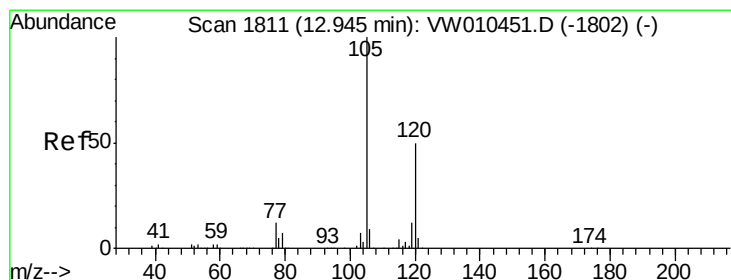
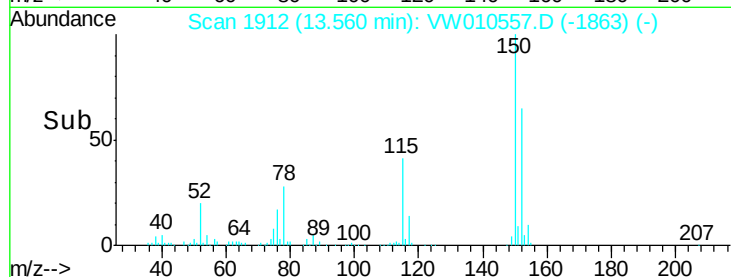
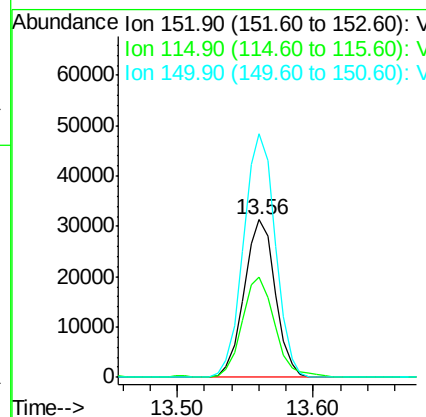
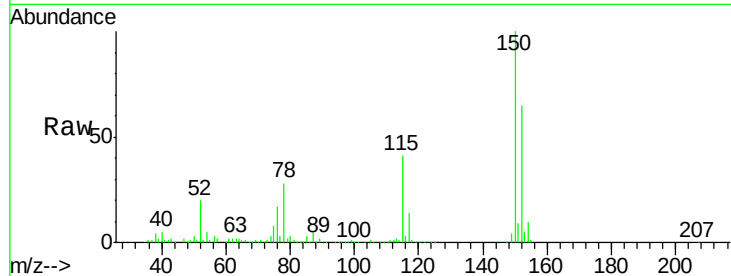


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010557.D
Acq: 24 May 2019 18:17

Instrument :
MSVOA_W
ClientSampleId :
FK-SF-03-007-B

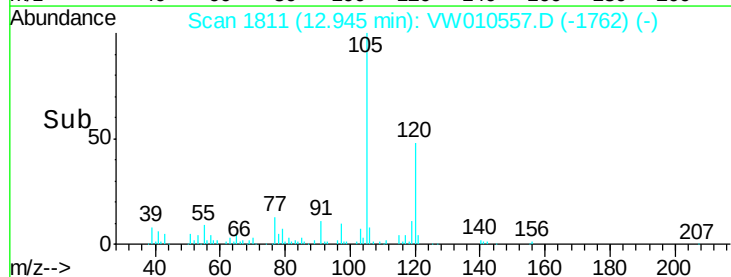
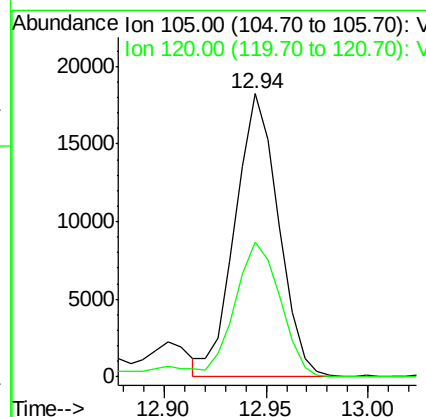
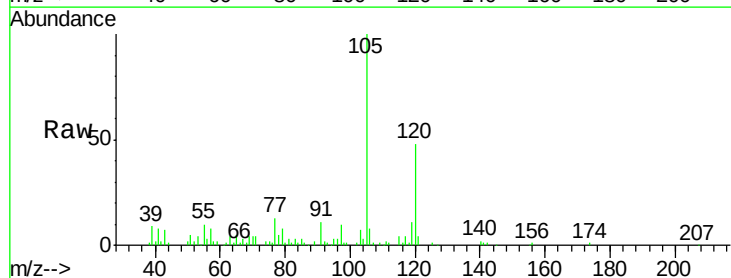
Tot Ion:152 Resp: 50035
Ion Ratio Lower Upper
152 100
115 67.2 30.3 91.0
150 158.4 0.0 349.8

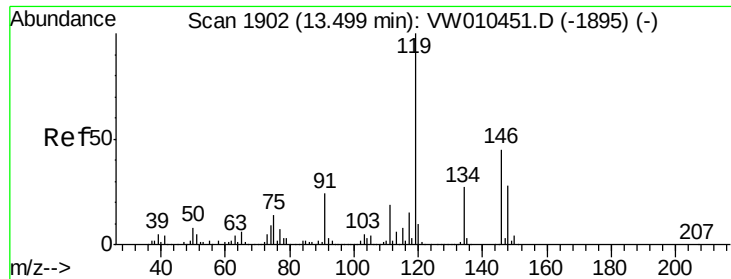


#80

1,3,5-Trimethylbenzene
Concen: 8.004 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW010557.D
Acq: 24 May 2019 18:17

Tgt Ion:105 Resp: 26917
Ion Ratio Lower Upper
105 100
120 49.6 25.2 75.6





#86
 p-Isopropyltoluene
 Concen: 1.024 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010557.D
 Acq: 24 May 2019 18:17

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-03-007-B

Tot Ion:	119	Resp:	3809
Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.6	40.7
91	24.7	11.9	35.7

