

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007213.D
 Acq On : 05 Dec 2018 04:25
 Operator : SY/AP
 Sample : J6206-16
 Misc : 3.88G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-3A-(1)

Quant Time: Dec 05 07:55:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

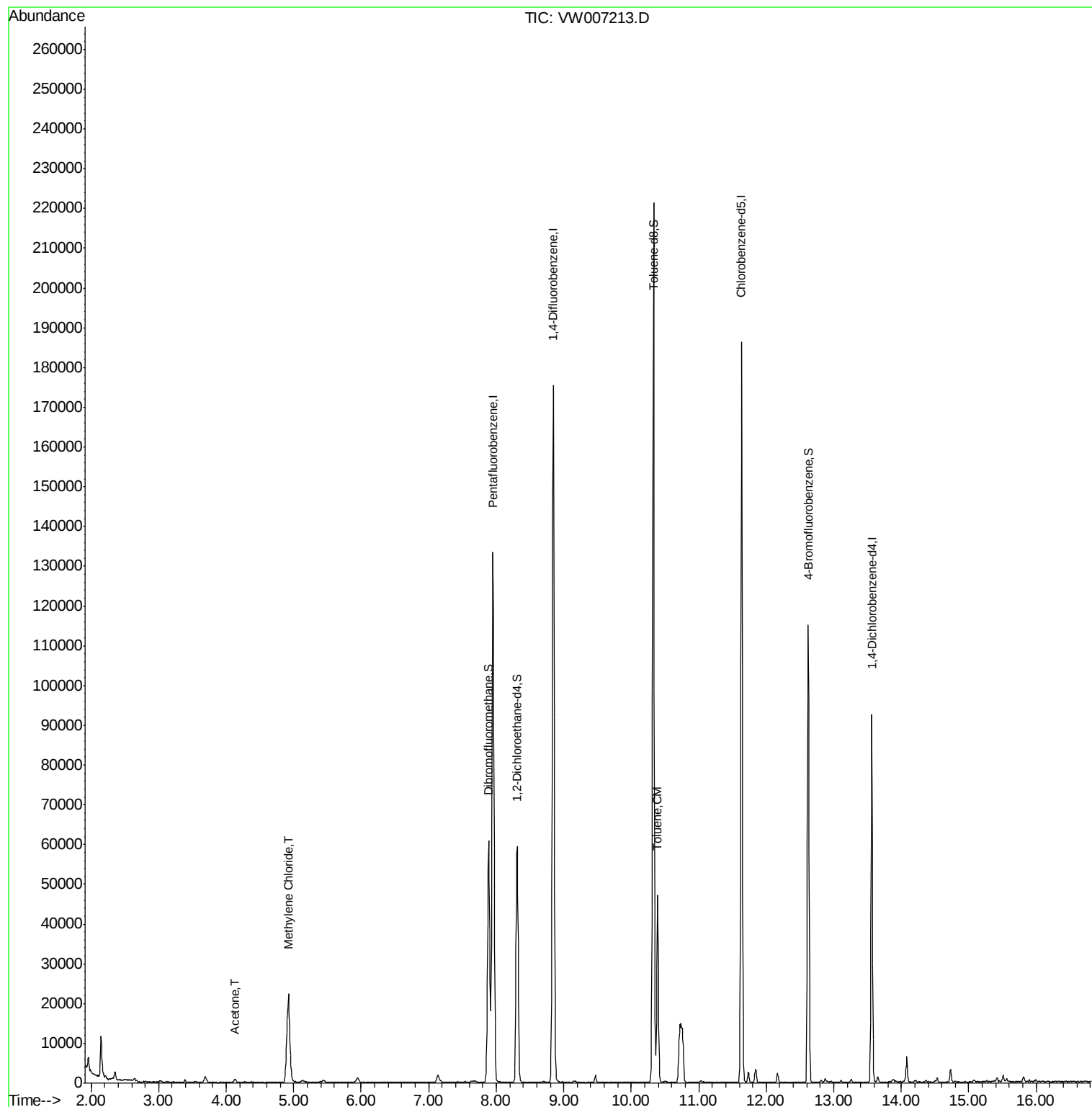
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	99235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	157845	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	104312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	25183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47481	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
35) Dibromofluoromethane	7.88	113	46219	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
50) Toluene-d8	10.33	98	152051	38.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.38%	
62) 4-Bromofluorobenzene	12.62	95	37422	24.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.80%	
Target Compounds						
16) Acetone	4.13	43	1636	7.480	ug/l	92
20) Methylene Chloride	4.92	84	17348	11.761	ug/l	97
52) Toluene	10.39	92	21155	7.221	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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Acq: 05 Dec 2018 04:25

Instrument :

MSVOA_W

ClientSampleId :

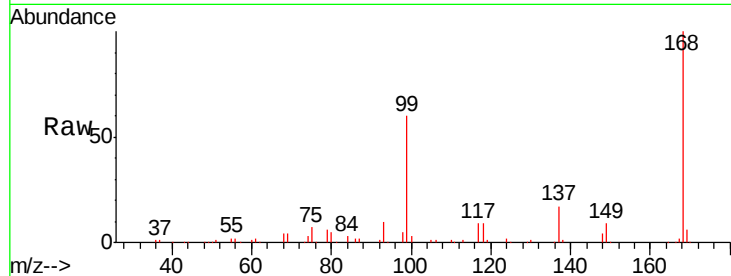
HLSP-SB-3A-(1)

Tgt Ion:168 Resp: 99235

Ion Ratio Lower Upper

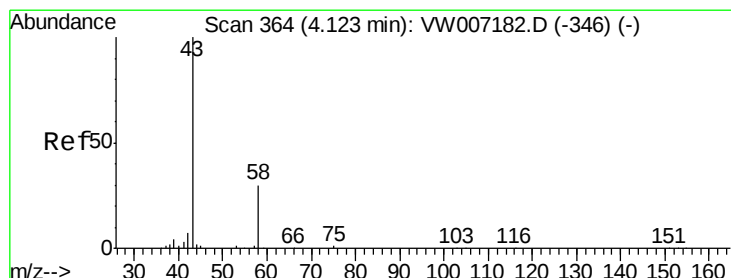
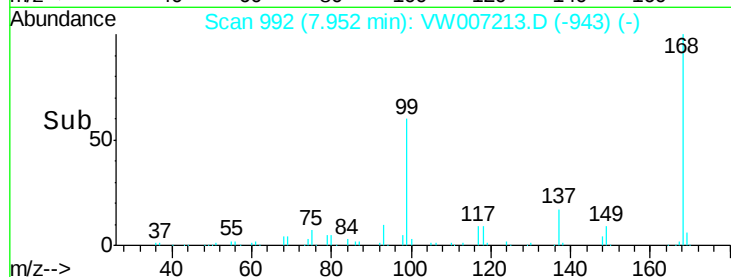
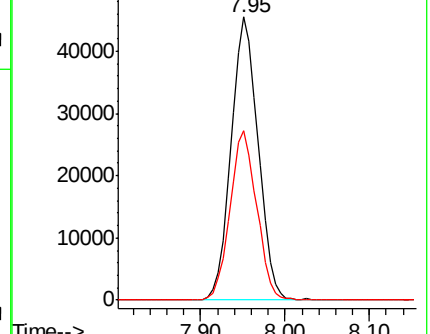
168 100

99 60.0 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 7.480 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007213.D

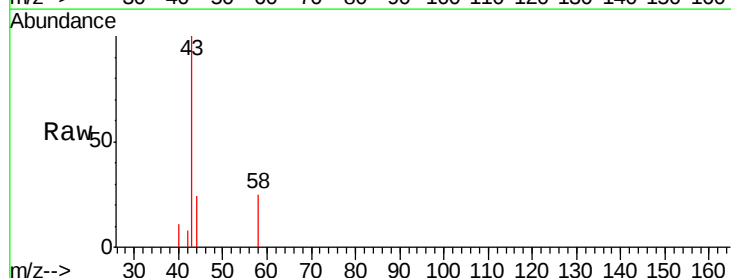
Acq: 05 Dec 2018 04:25

Tgt Ion: 43 Resp: 1636

Ion Ratio Lower Upper

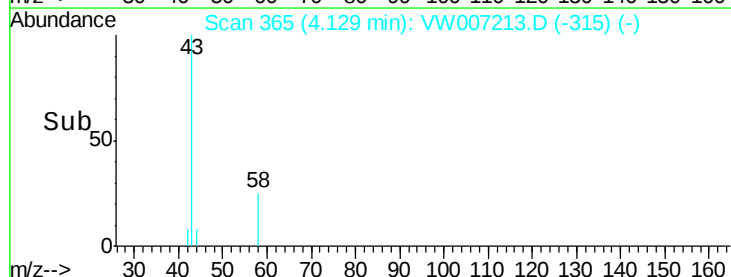
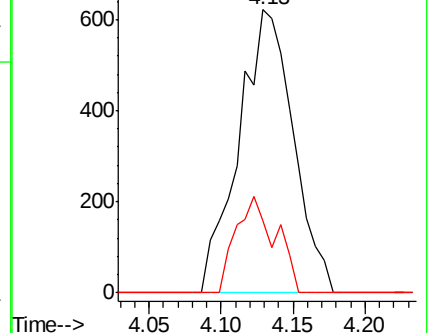
43 100

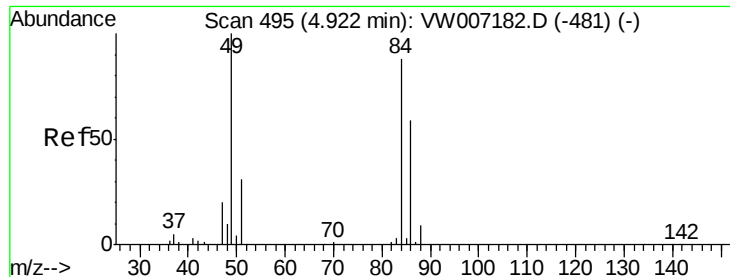
58 25.2 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

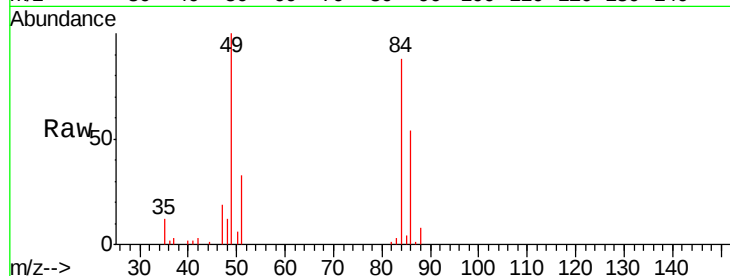




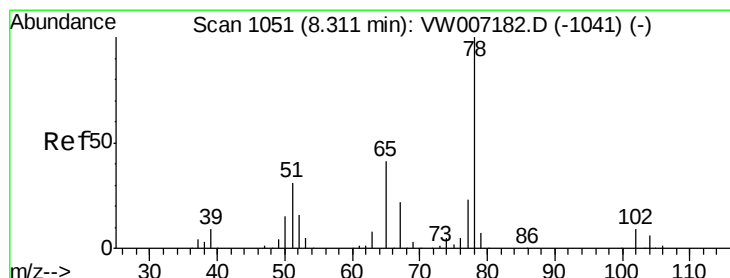
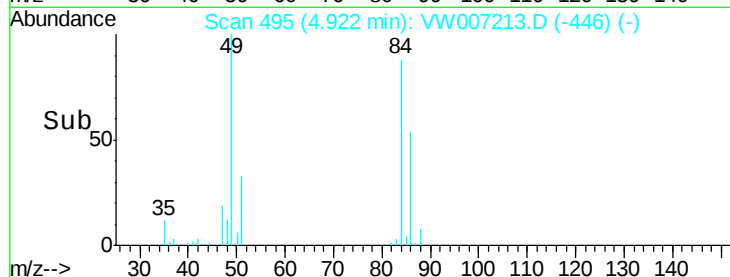
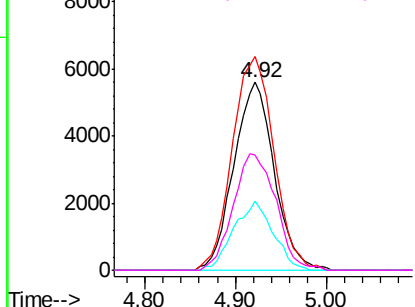
#20
Methylene Chloride
Concen: 11.761 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007213.D
Acq: 05 Dec 2018 04:25

Instrument :
MSVOA_W
ClientSampleId :
HLSP-SB-3A-(1)

Tgt Ion: 84 Resp: 17348
Ion Ratio Lower Upper
84 100
49 113.6 90.6 135.8
51 37.1 27.6 41.4
86 61.3 53.7 80.5

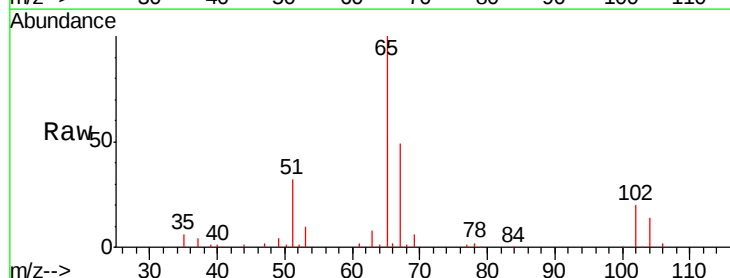


Abundance Ion 83.90 (83.60 to 84.60): VW
10000 Ion 48.90 (48.60 to 49.60): VW
8000 Ion 50.90 (50.60 to 51.60): VW
6000 Ion 85.90 (85.60 to 86.60): VW
4000
2000
0

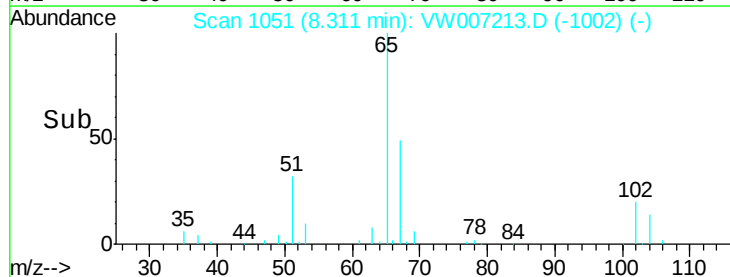
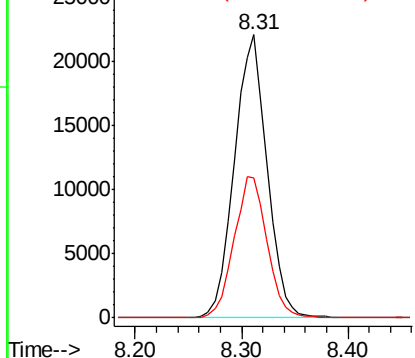


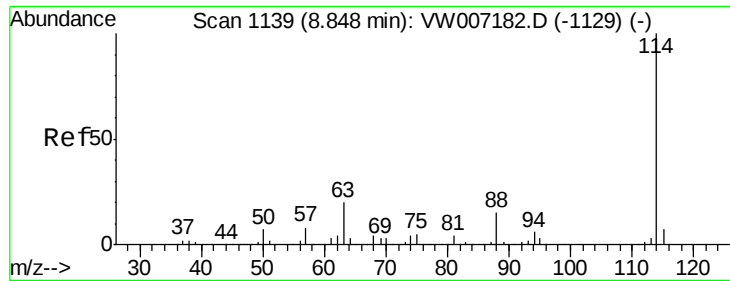
#33
1,2-Dichloroethane-d4
Concen: 51.391 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW007213.D
Acq: 05 Dec 2018 04:25

Tgt Ion: 65 Resp: 47481
Ion Ratio Lower Upper
65 100
67 50.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW
25000 Ion 66.90 (66.60 to 67.60): VW
20000
15000
10000
5000
0

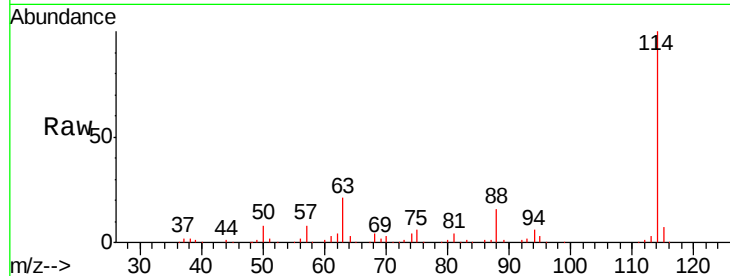




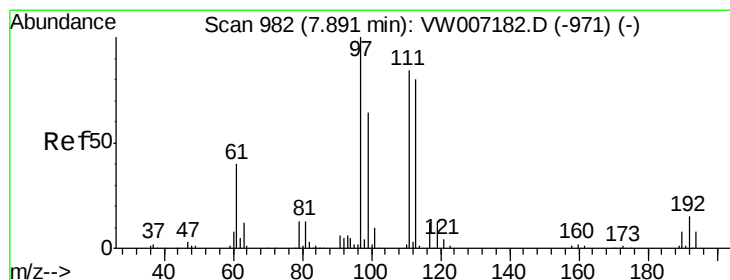
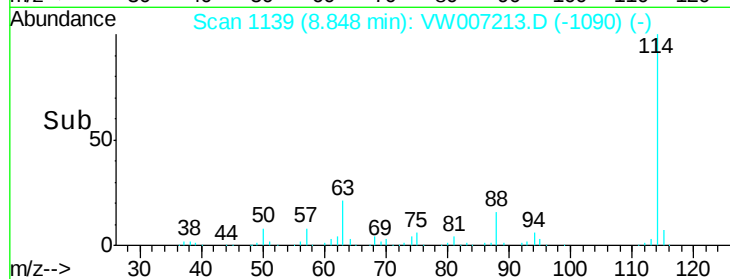
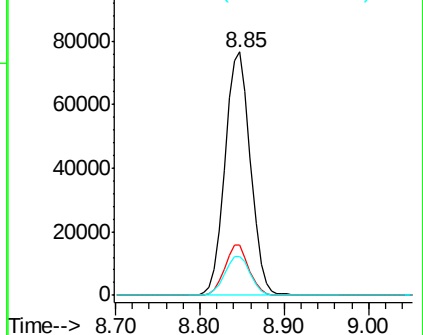
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007213.D
 Acq: 05 Dec 2018 04:25

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-3A-(1)

Tgt Ion:114 Resp: 157845
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.2
 88 15.9 0.0 30.0

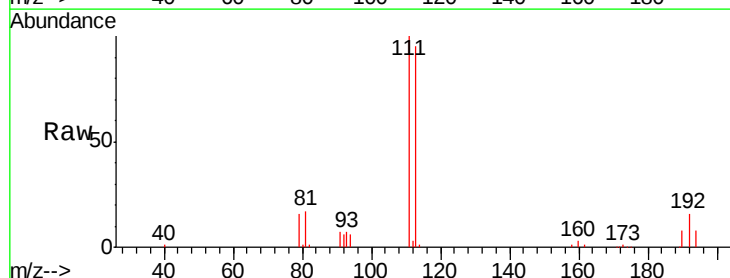


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

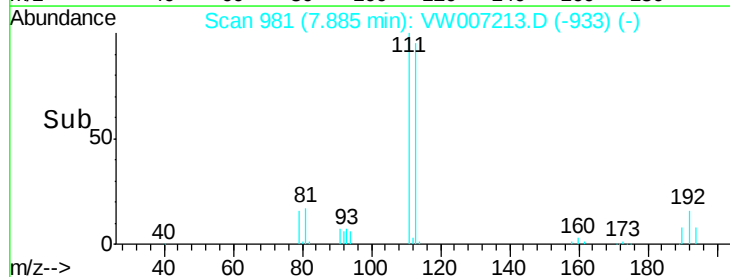
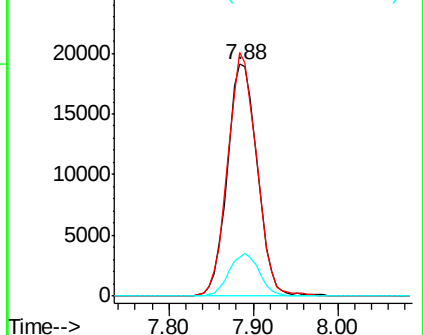


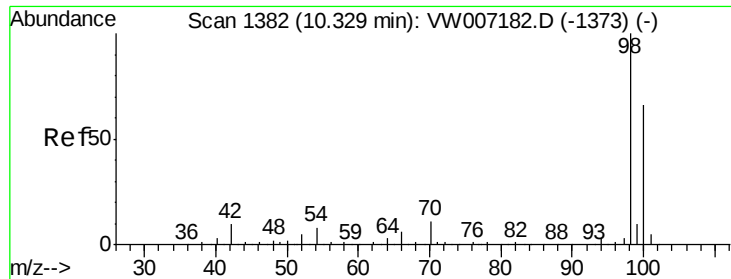
#35
 Dibromofluoromethane
 Concen: 51.138 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007213.D
 Acq: 05 Dec 2018 04:25

Tgt Ion:113 Resp: 46219
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.2 123.4
 192 18.2 14.4 21.6



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: 38.191 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW007213.D

Acq: 05 Dec 2018 04:25

Instrument :

MSVOA_W

ClientSampleId :

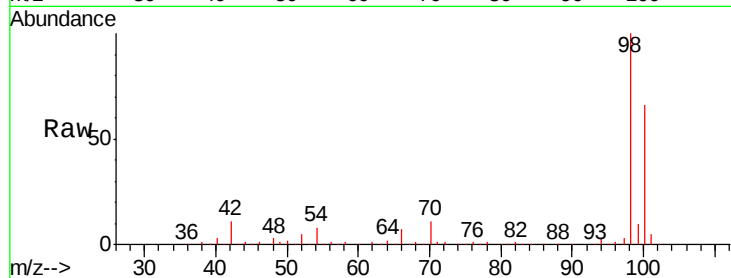
HLSP-SB-3A-(1)

Tgt Ion: 98 Resp: 152051

Ion Ratio Lower Upper

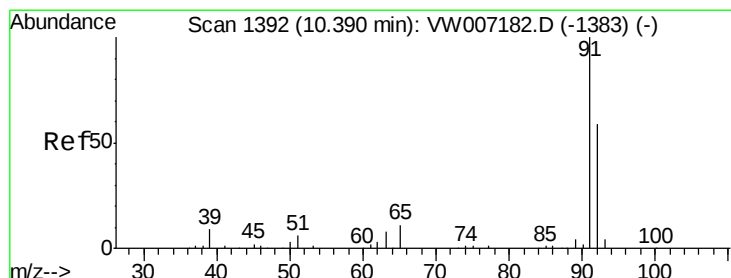
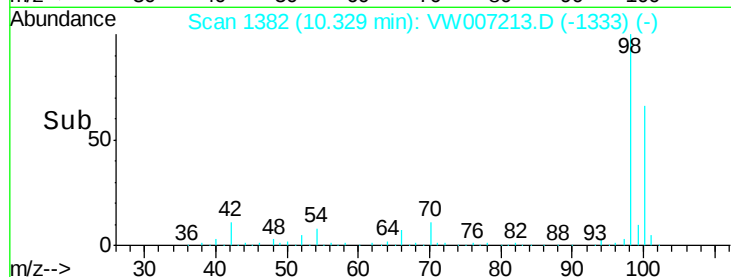
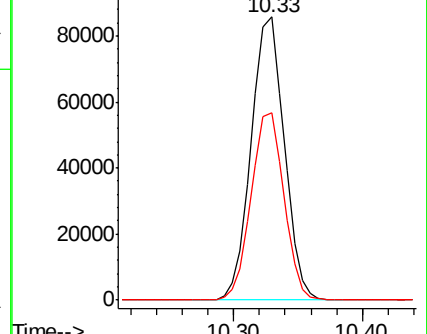
98 100

100 65.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 7.221 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007213.D

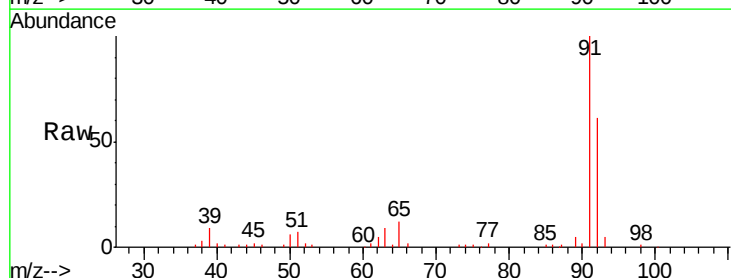
Acq: 05 Dec 2018 04:25

Tgt Ion: 92 Resp: 21155

Ion Ratio Lower Upper

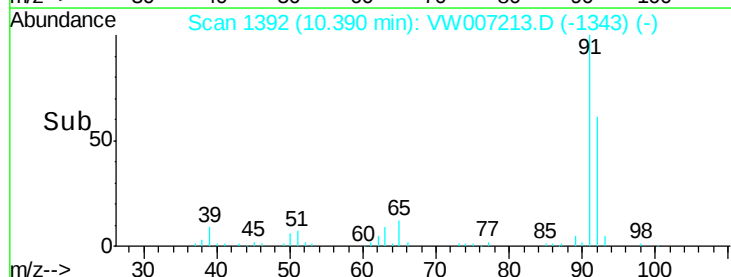
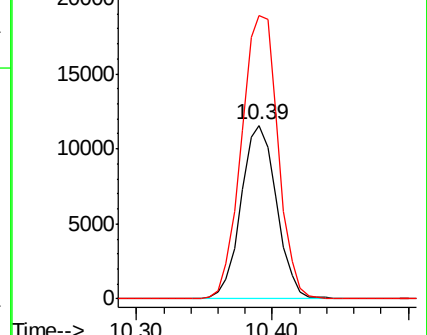
92 100

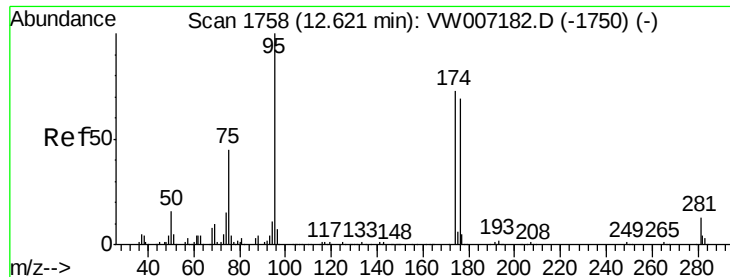
91 168.0 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 24.903 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007213.D

Acq: 05 Dec 2018 04:25

Instrument :

MSVOA_W

ClientSampleId :

HLSP-SB-3A-(1)

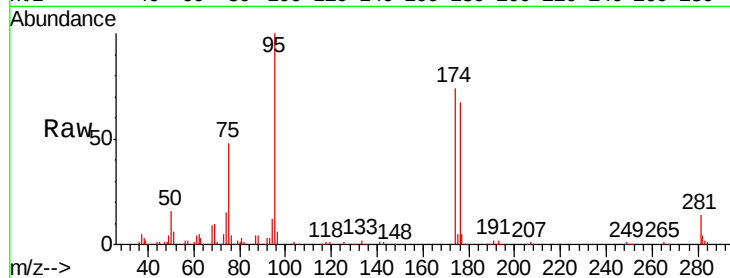
Tgt Ion: 95 Resp: 37422

Ion Ratio Lower Upper

95 100

174 72.4 0.0 148.0

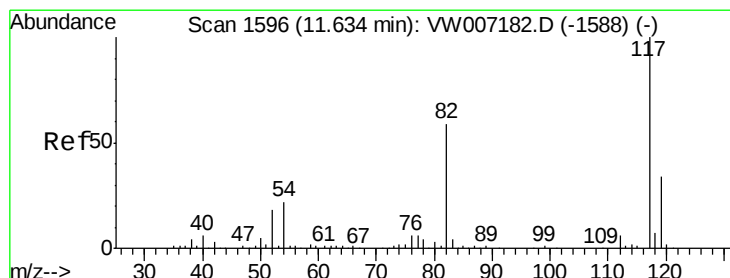
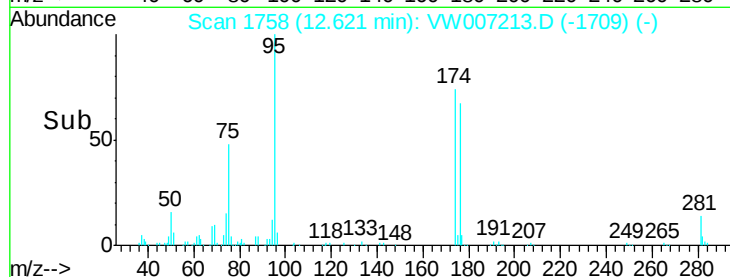
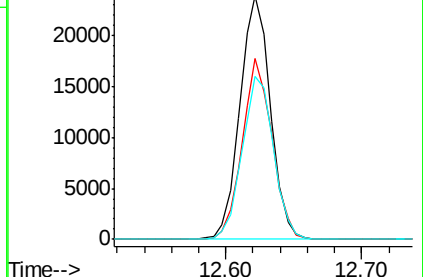
176 68.9 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007213.D

Acq: 05 Dec 2018 04:25

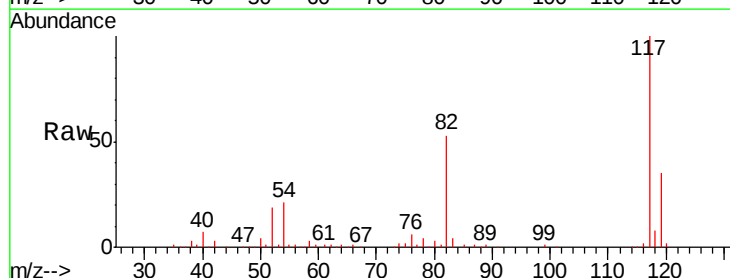
Tgt Ion: 117 Resp: 104312

Ion Ratio Lower Upper

117 100

82 53.3 47.4 71.2

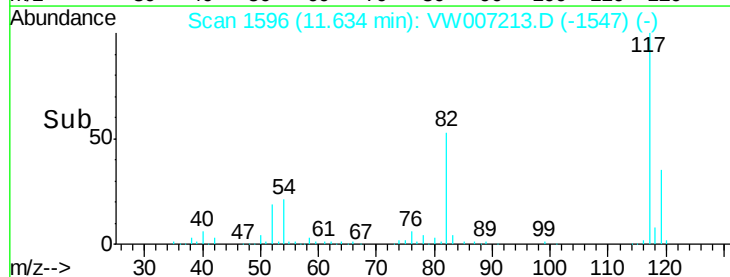
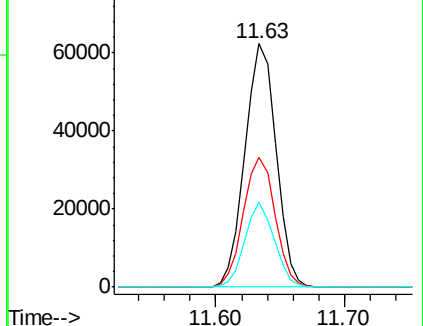
119 34.6 26.8 40.2

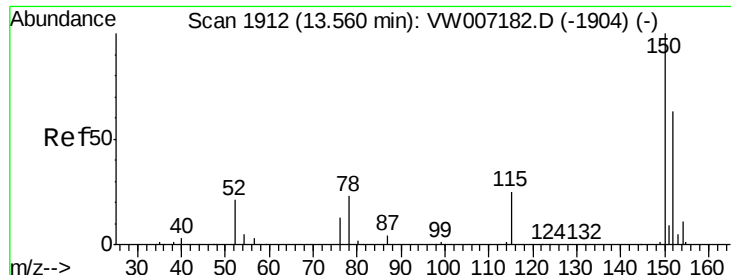


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

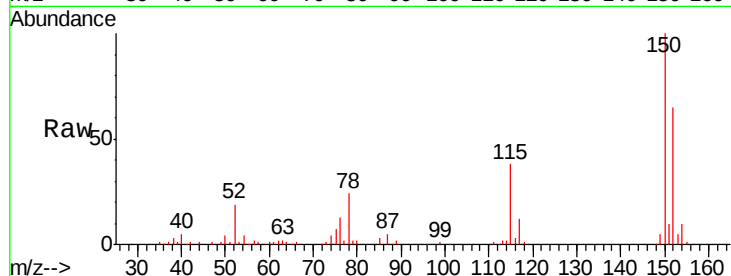




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.01 min
 Lab File: VW007213.D
 Acq: 05 Dec 2018 04:25

Instrument :
 MSVOA_W
 ClientSampleId :
 HLSP-SB-3A-(1)

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	31.3	93.8
150	153.3	0.0	358.0



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

