

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012577.D
 Acq On : 04 Sep 2019 05:41
 Operator : SY/VA
 Sample : K4525-12
 Misc : 4.91G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-B2-(0)

Quant Time: Sep 04 07:49:24 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

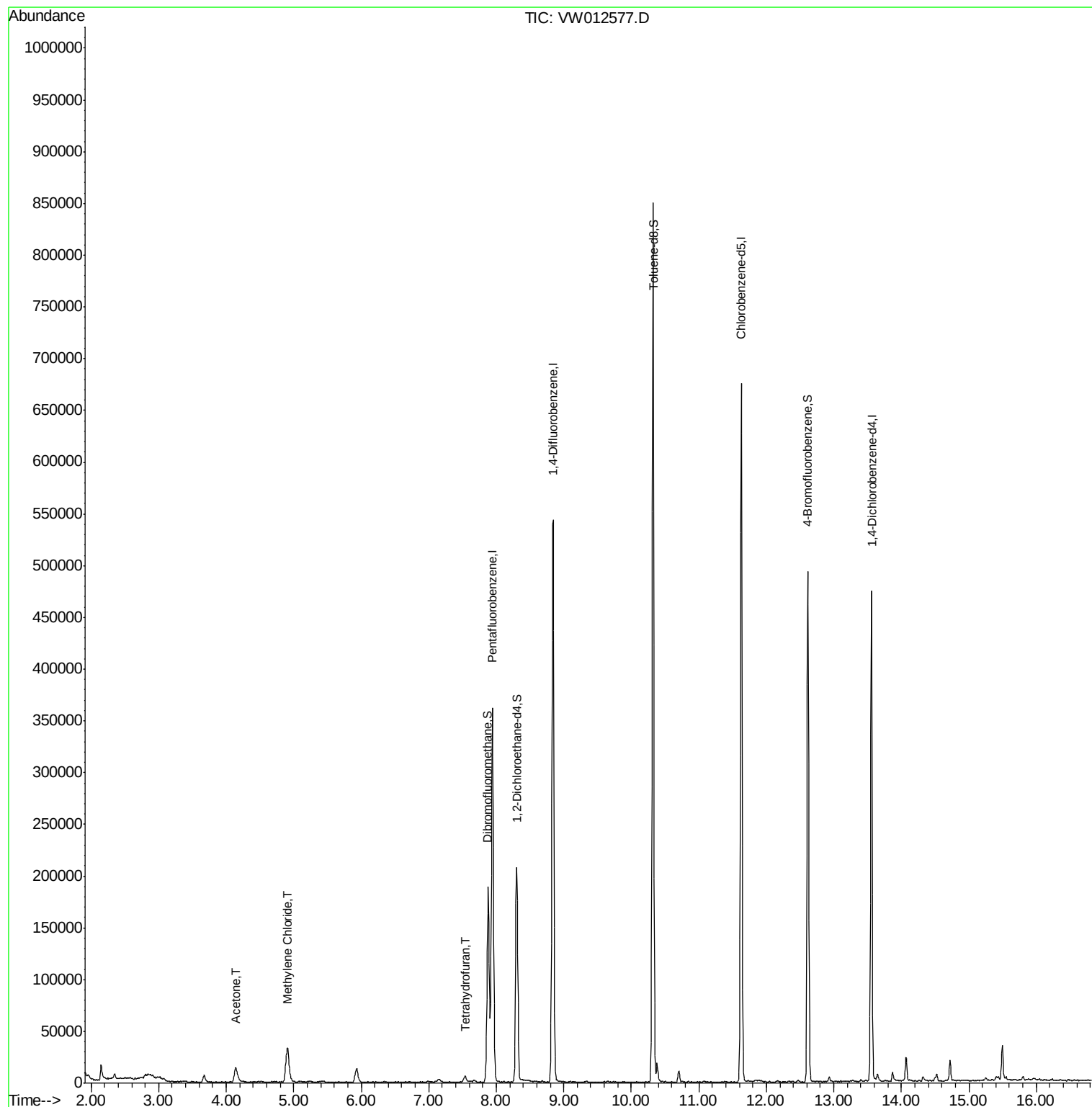
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	424651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	174294	55.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.26%	
35) Dibromofluoromethane	7.88	113	132884	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
50) Toluene-d8	10.32	98	529971	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.62	95	152400	42.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.14%	
Target Compounds						
16) Acetone	4.14	43	31493	39.320	ug/l	95
20) Methylene Chloride	4.90	84	25041	8.270	ug/l	94
29) Tetrahydrofuran	7.54	42	5451	8.348	ug/l	97

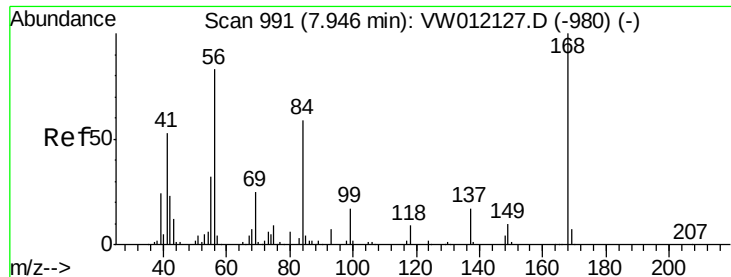
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012577.D

Acq: 04 Sep 2019 05:41

Instrument :

MSVOA_W

ClientSampleId :

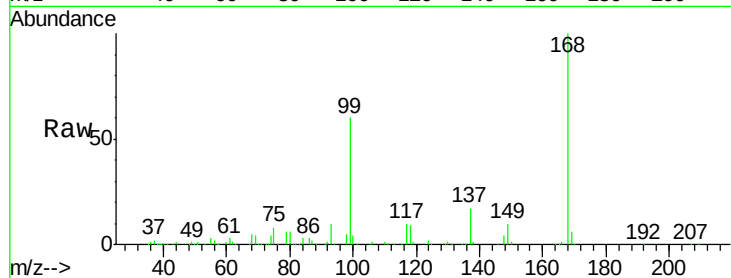
T9-12-13-B2-(0)

Tot Ion:168 Resp: 263582

Ion Ratio Lower Upper

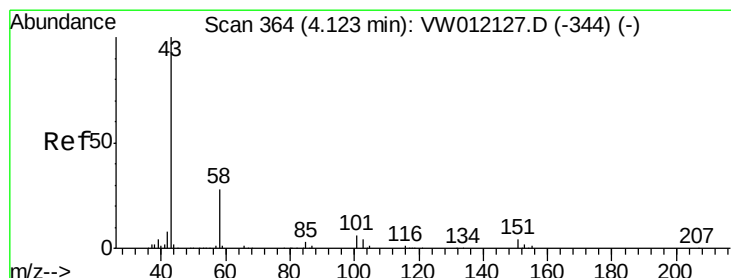
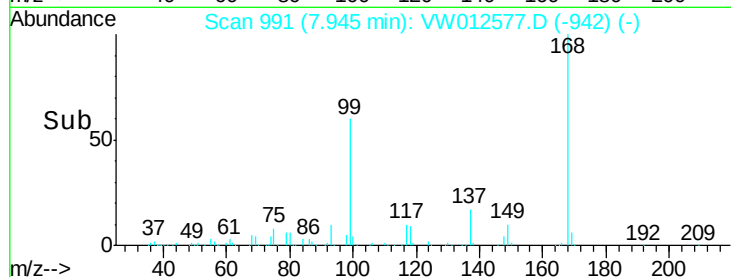
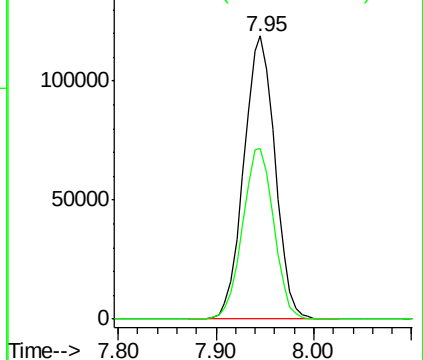
168 100

99 60.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 39.320 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012577.D

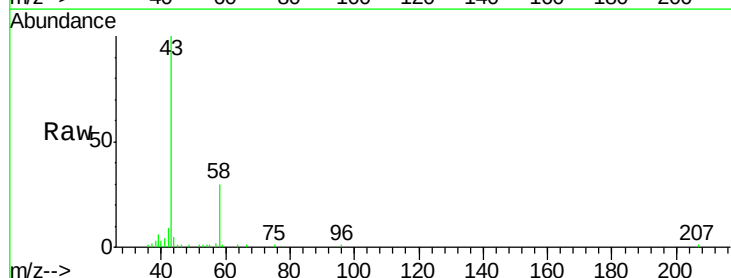
Acq: 04 Sep 2019 05:41

Tgt Ion: 43 Resp: 31493

Ion Ratio Lower Upper

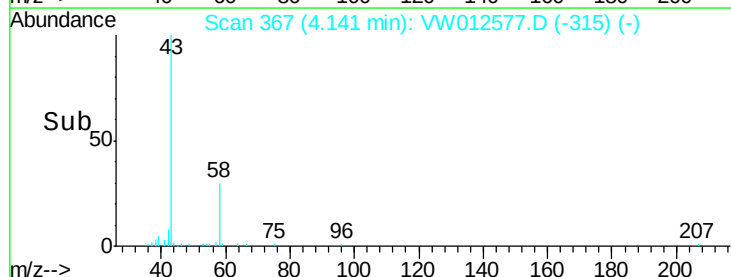
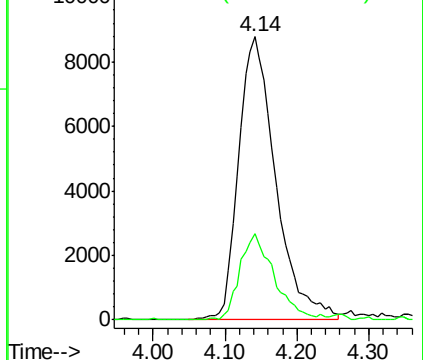
43 100

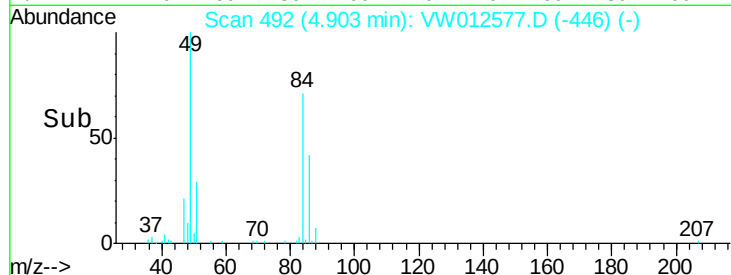
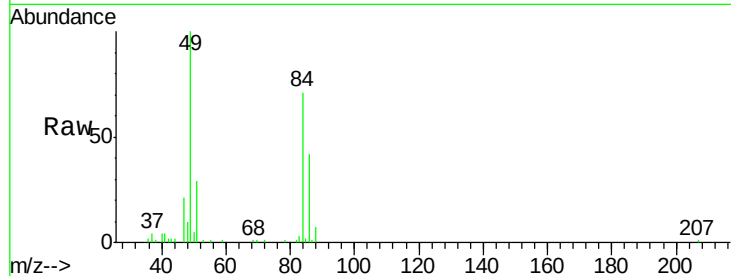
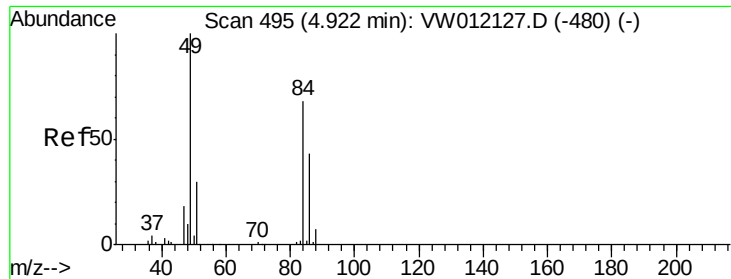
58 30.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

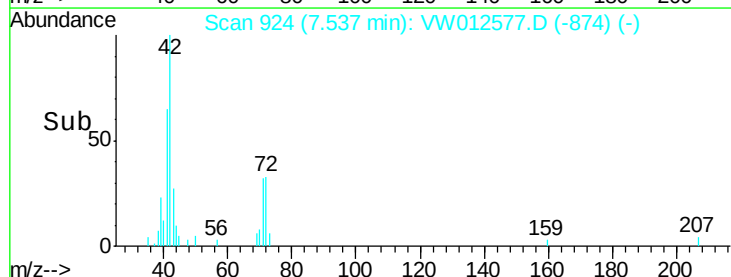
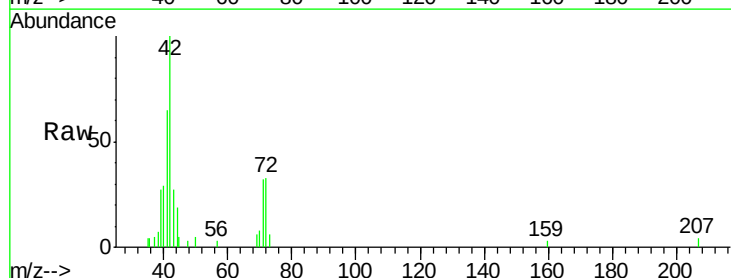
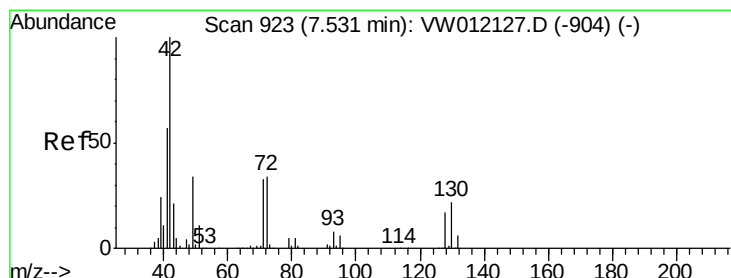
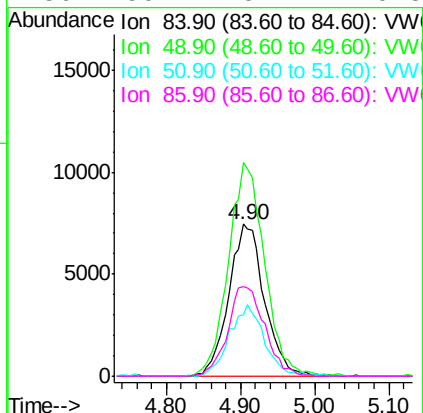




#20
Methylene Chloride
Concen: 8.270 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012577.D
Acq: 04 Sep 2019 05:41

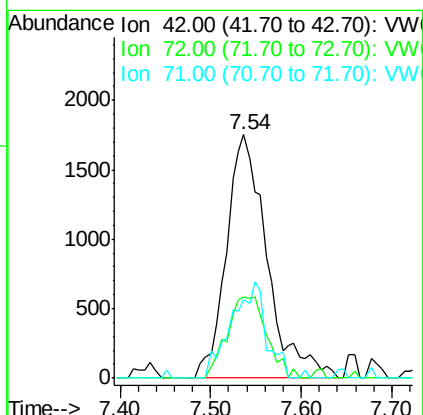
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-B2-(0)

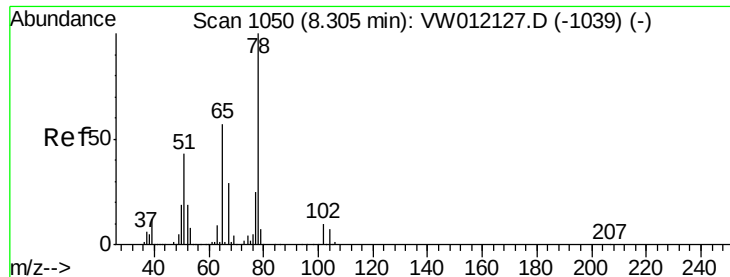
Tot Ion: 84	Resp: 25041
Ion Ratio	Lower Upper
84 100	
49 140.5	117.8 176.8
51 40.6	35.6 53.4
86 59.2	51.2 76.8



#29
Tetrahydrofuran
Concen: 8.348 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012577.D
Acq: 04 Sep 2019 05:41

Tgt Ion: 42	Resp: 5451
Ion Ratio	Lower Upper
42 100	
72 32.6	27.3 40.9
71 33.7	25.5 38.3





#33

1,2-Dichloroethane-d4

Concen: 55.626 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012577.D

Acq: 04 Sep 2019 05:41

Instrument :

MSVOA_W

ClientSampleId :

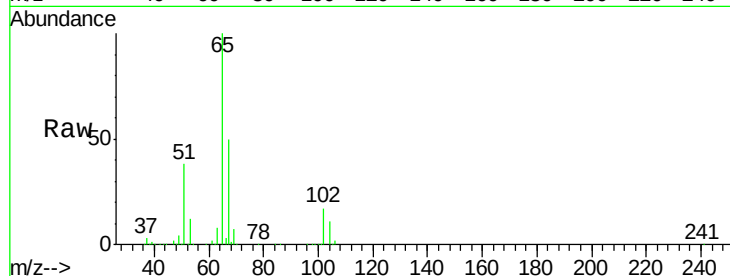
T9-12-13-B2-(0)

Tot Ion: 65 Resp: 174294

Ion Ratio Lower Upper

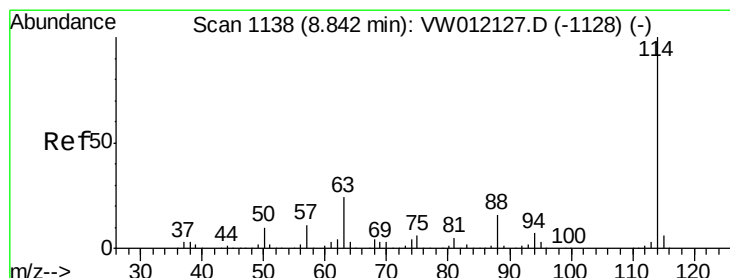
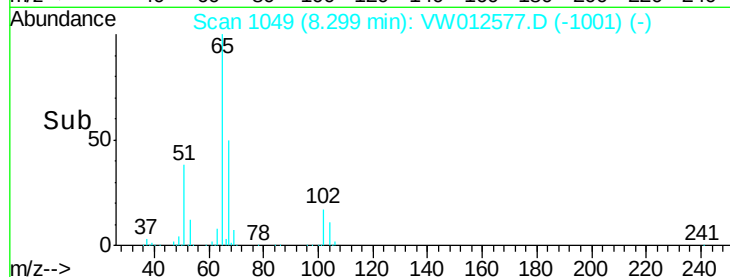
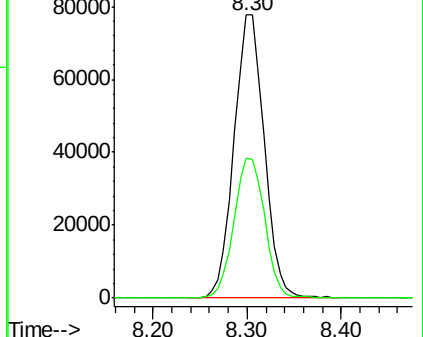
65 100

67 50.3 0.0 102.6



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: VW012577.D

Acq: 04 Sep 2019 05:41

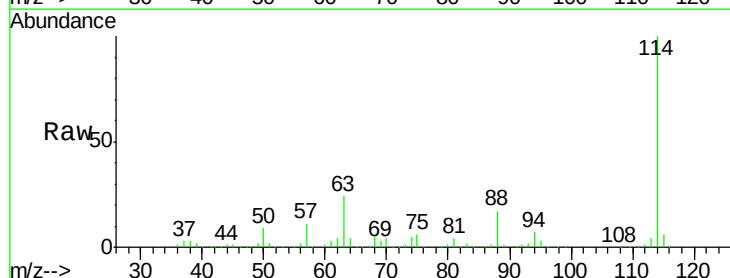
Tgt Ion: 114 Resp: 424651

Ion Ratio Lower Upper

114 100

63 24.1 0.0 48.6

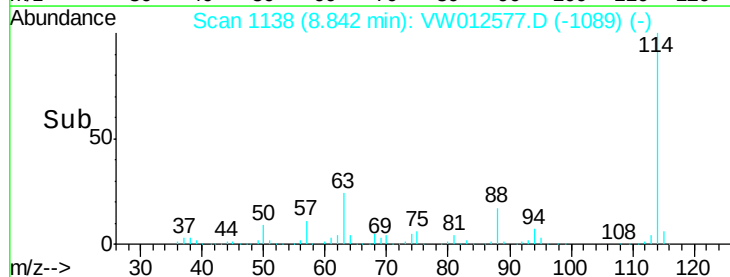
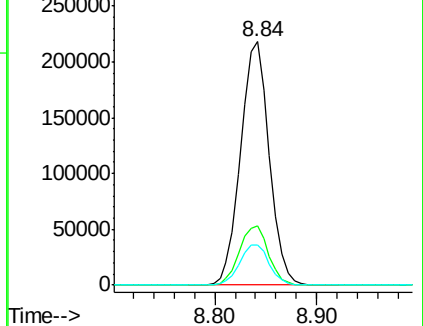
88 16.5 0.0 32.2

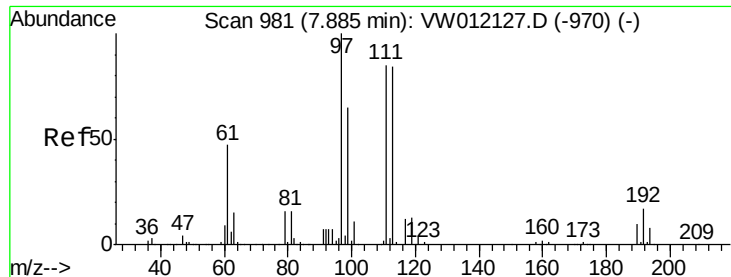


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 52.425 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012577.D

Acq: 04 Sep 2019 05:41

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-B2-(0)

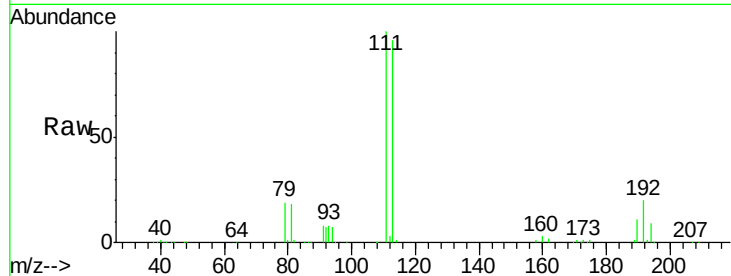
Tot Ion:113 Resp: 132884

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

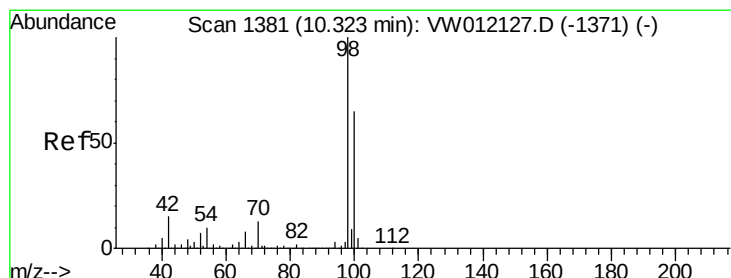
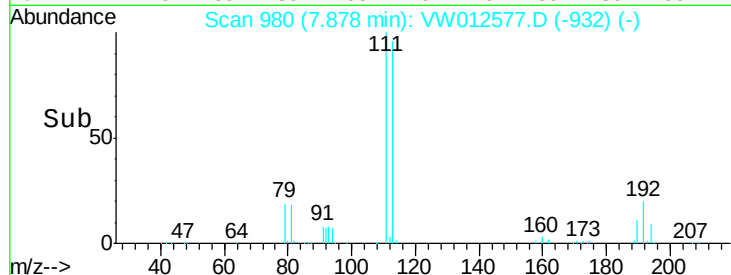
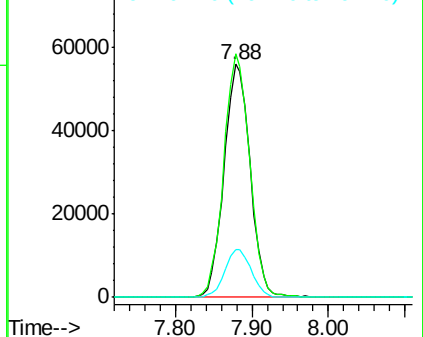
192 20.7 16.2 24.2



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: 51.565 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012577.D

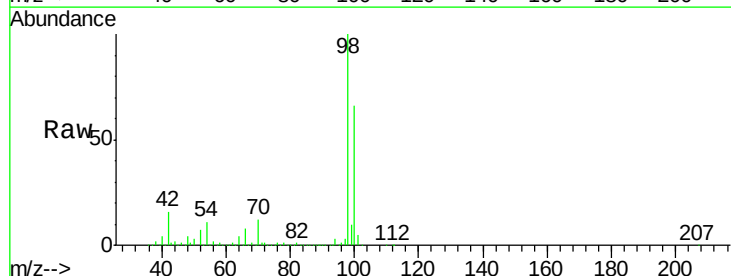
Acq: 04 Sep 2019 05:41

Tgt Ion: 98 Resp: 529971

Ion Ratio Lower Upper

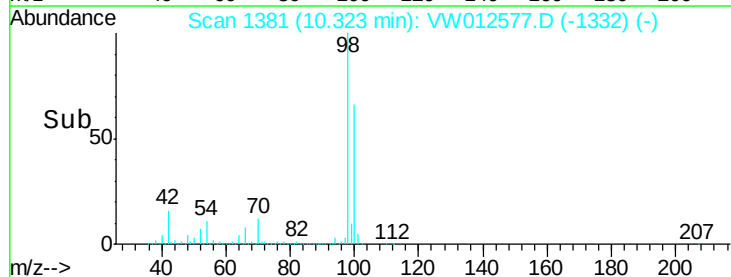
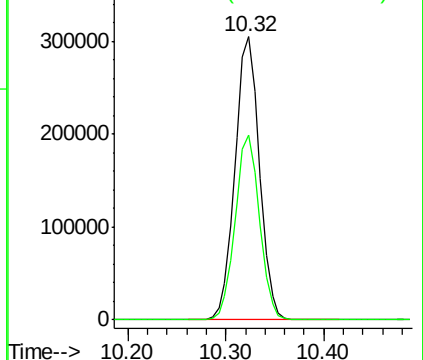
98 100

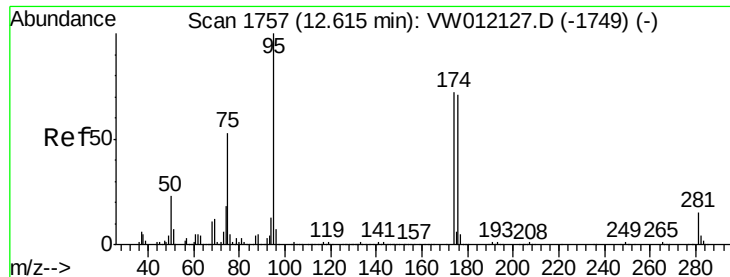
100 64.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

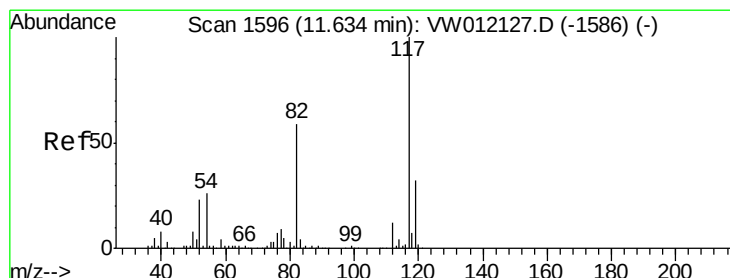
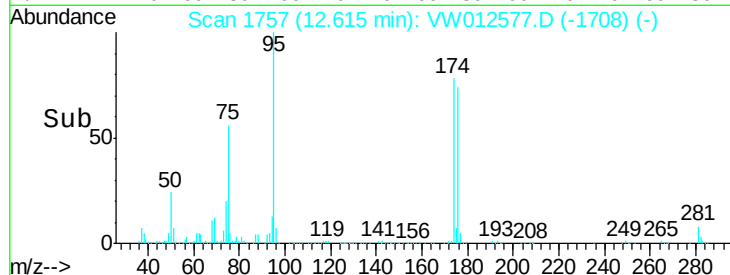
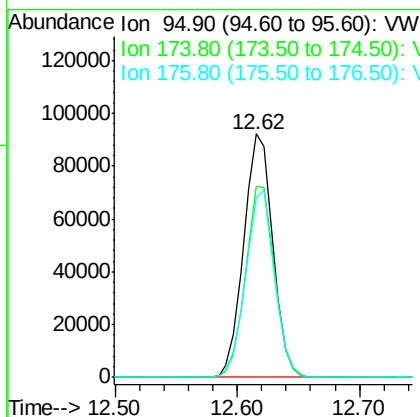
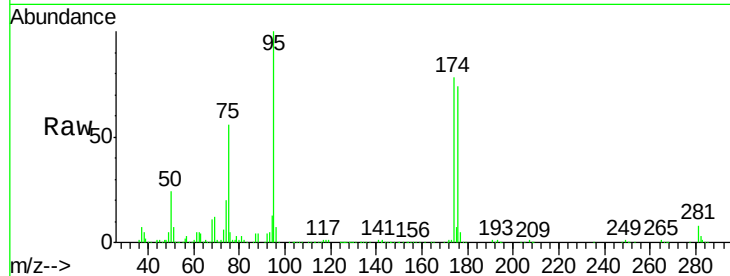




#62
4-Bromofluorobenzene
Concen: 42.066 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012577.D
Acq: 04 Sep 2019 05:41

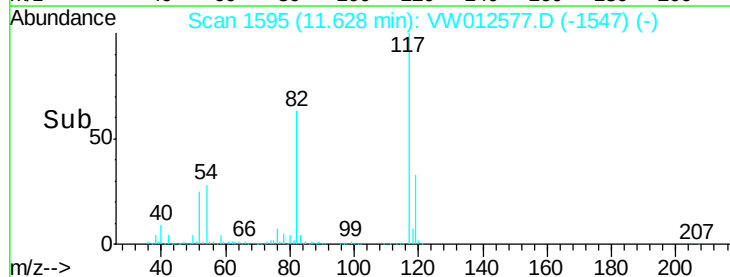
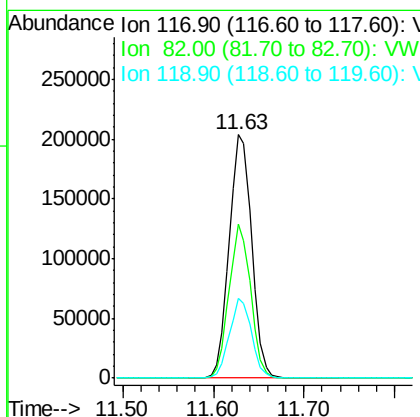
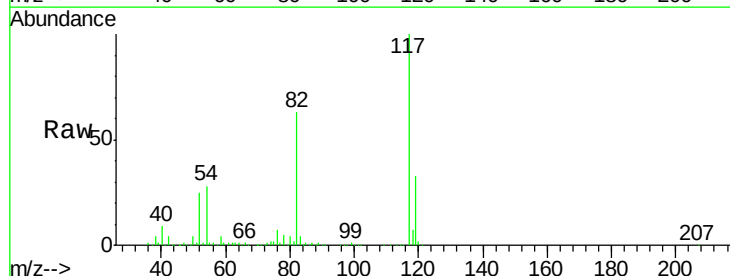
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-B2-(0)

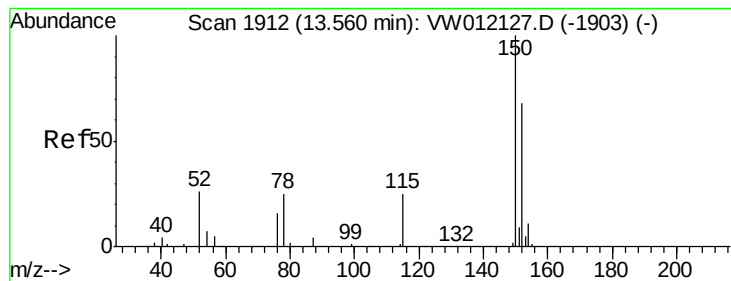
Tot Ion	95	Resp	152400
Ion Ratio	100		
Lower			
Upper			
174	79.0	0.0	150.8
176	76.0	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012577.D
Acq: 04 Sep 2019 05:41

Tgt Ion	117	Resp	350413
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	63.1	47.4	71.2
119	32.7	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012577.D

Acq: 04 Sep 2019 05:41

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-B2-(0)

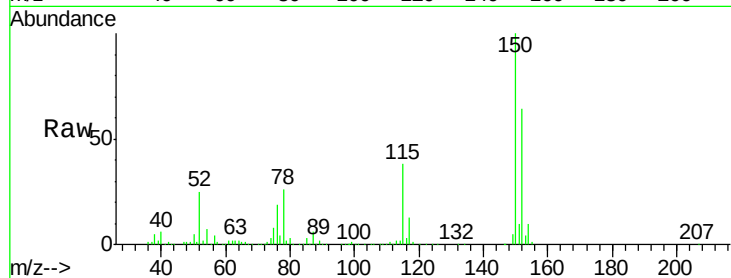
Tot Ion:152 Resp: 118650

Ion Ratio Lower Upper

152 100

115 61.4 30.1 90.3

150 158.6 0.0 345.8



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

