

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012576.D
 Acq On : 04 Sep 2019 05:15
 Operator : SY/VA
 Sample : K4525-11
 Misc : 4.45G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-B1-(0)

Quant Time: Sep 04 07:50:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

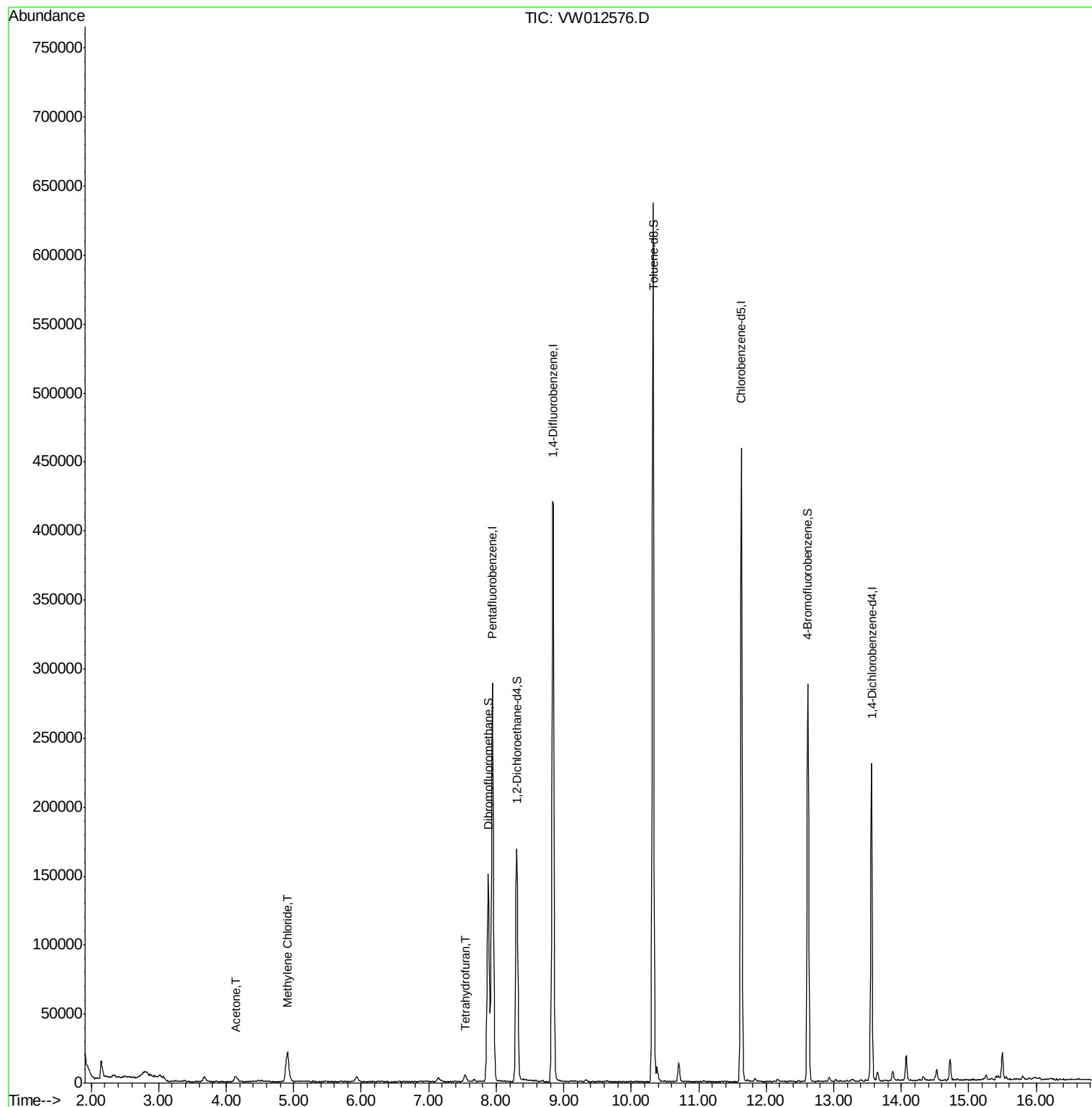
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	329539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	241337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	58504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140619	57.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.68%	
35) Dibromofluoromethane	7.88	113	108055	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.86%	
50) Toluene-d8	10.32	98	397729	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.62	95	88329	31.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.84%	
Target Compounds						
16) Acetone	4.14	43	7900	12.602	ug/l	98
20) Methylene Chloride	4.91	84	14745	6.222	ug/l	97
29) Tetrahydrofuran	7.54	42	4225	8.267	ug/l	96

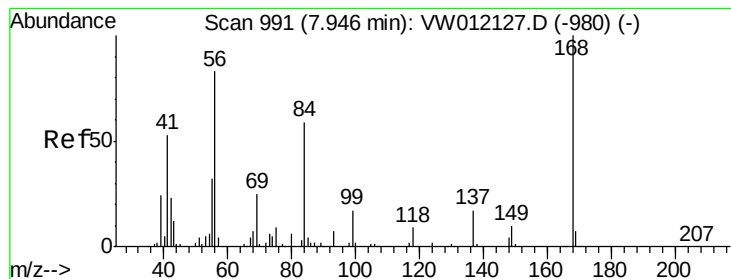
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012576.D

Acq: 04 Sep 2019 05:15

Instrument :

MSVOA_W

ClientSampleId :

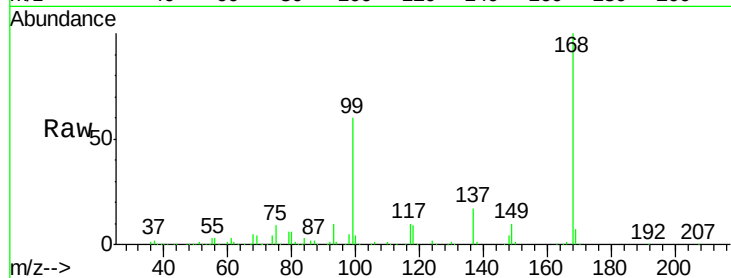
T9-12-13-B1-(0)

Tot Ion:168 Resp: 206301

Ion Ratio Lower Upper

168 100

99 59.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

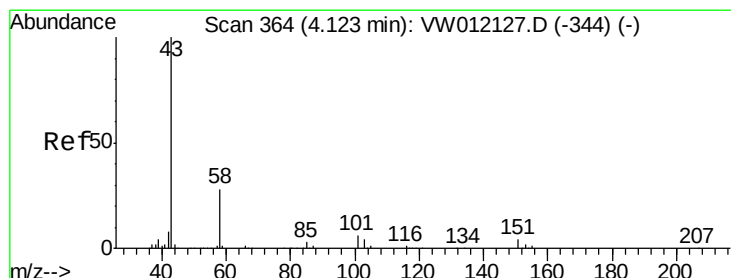
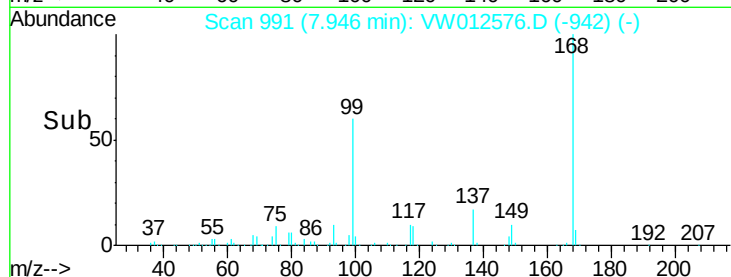
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 12.602 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012576.D

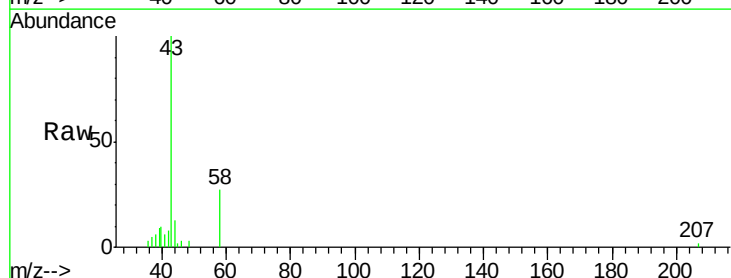
Acq: 04 Sep 2019 05:15

Tgt Ion: 43 Resp: 7900

Ion Ratio Lower Upper

43 100

58 26.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2500

2000

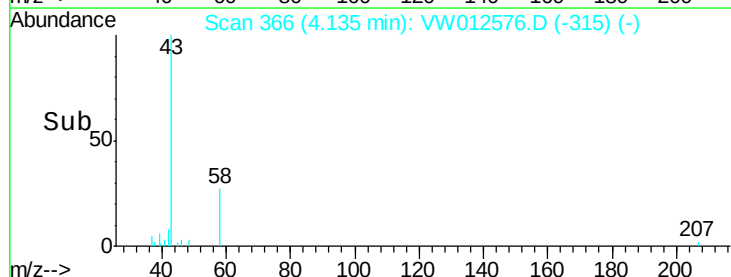
1500

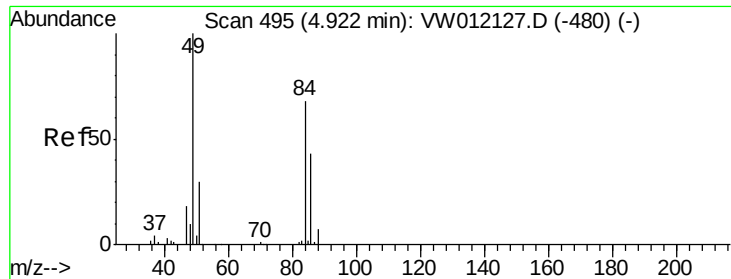
1000

500

0

Time--> 4.10 4.20

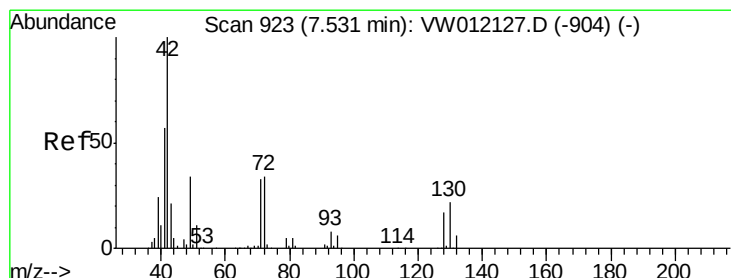
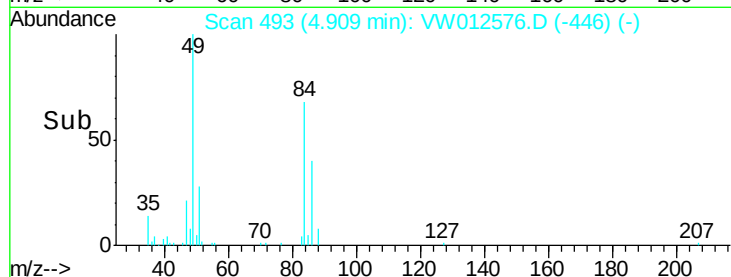
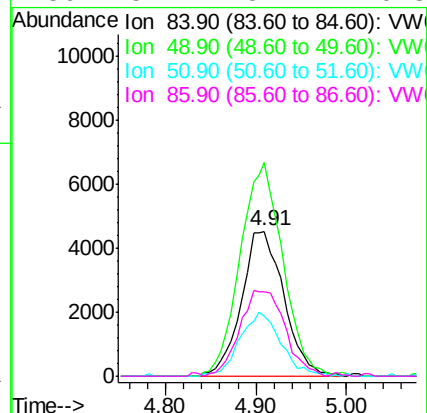
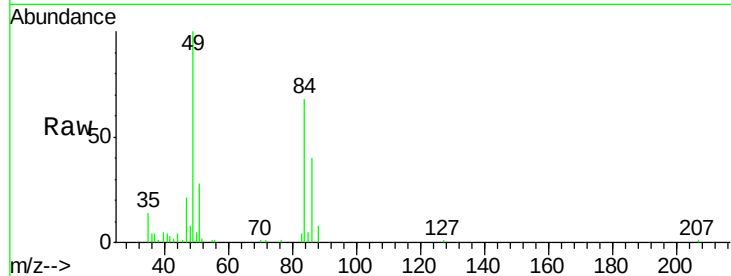




#20
Methylene Chloride
Concen: 6.222 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012576.D
Acq: 04 Sep 2019 05:15

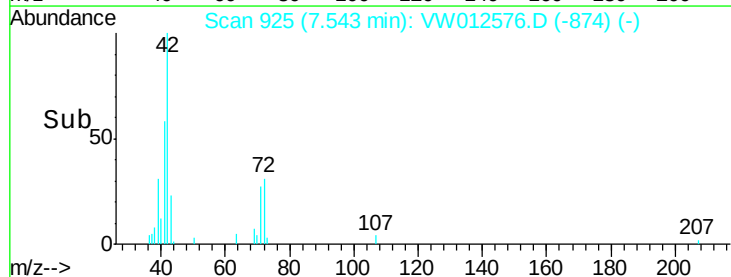
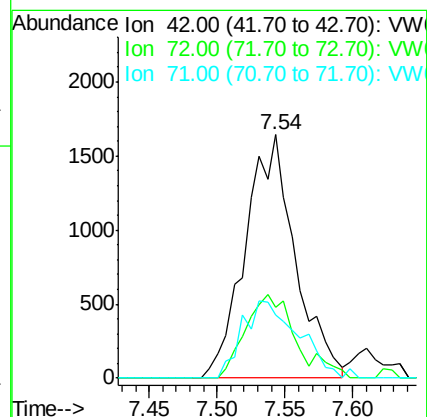
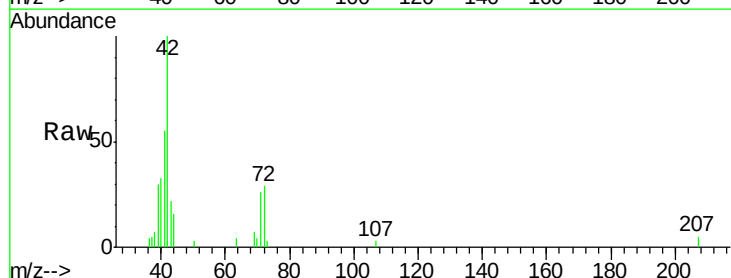
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-B1-(0)

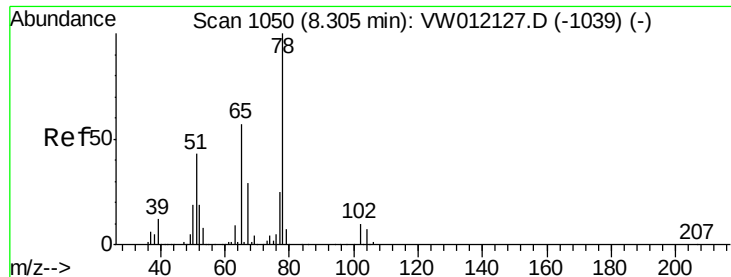
Tot Ion: 84 Resp: 14745
Ion Ratio Lower Upper
84 100
49 147.7 117.8 176.8
51 42.0 35.6 53.4
86 57.4 51.2 76.8



#29
Tetrahydrofuran
Concen: 8.267 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012576.D
Acq: 04 Sep 2019 05:15

Tgt Ion: 42 Resp: 4225
Ion Ratio Lower Upper
42 100
72 34.7 27.3 40.9
71 35.9 25.5 38.3

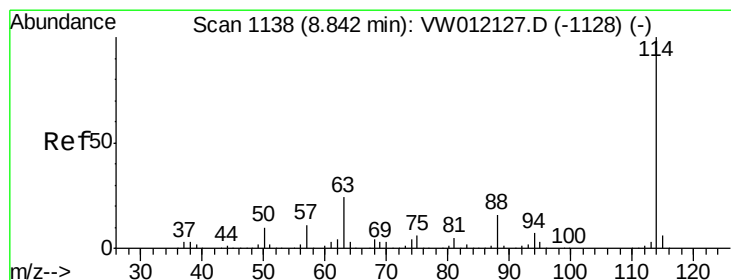
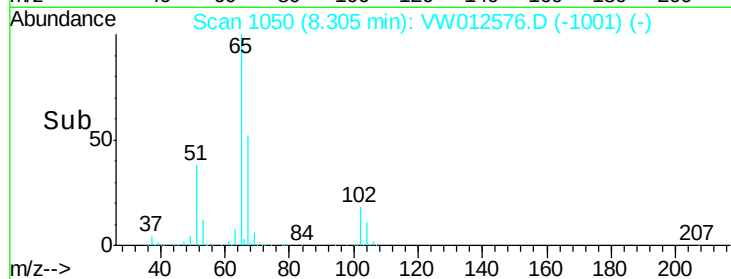
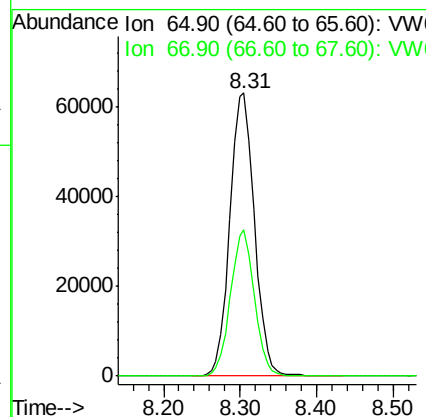
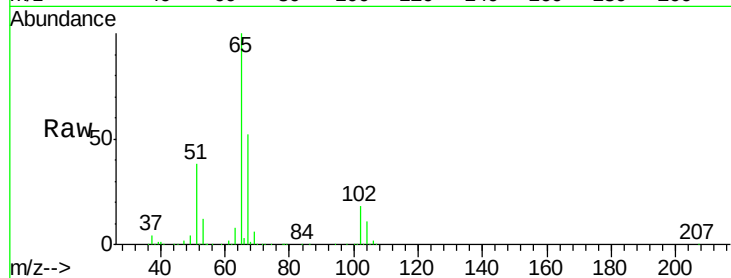




#33
 1,2-Dichloroethane-d4
 Concen: 57.339 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012576.D
 Acq: 04 Sep 2019 05:15

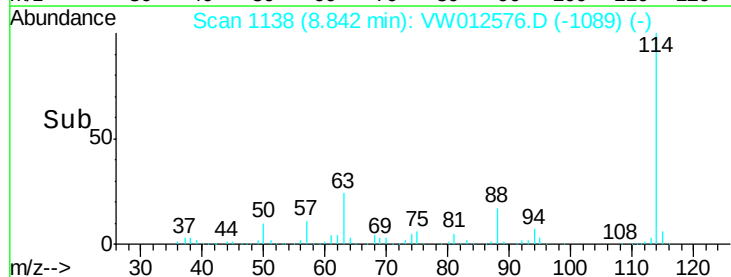
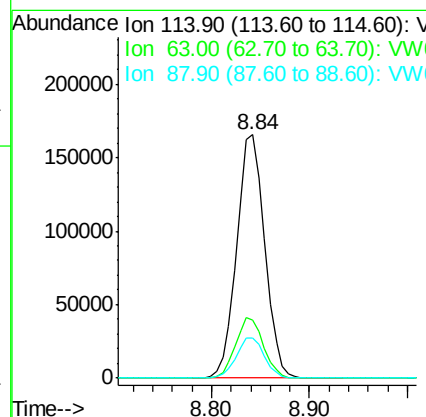
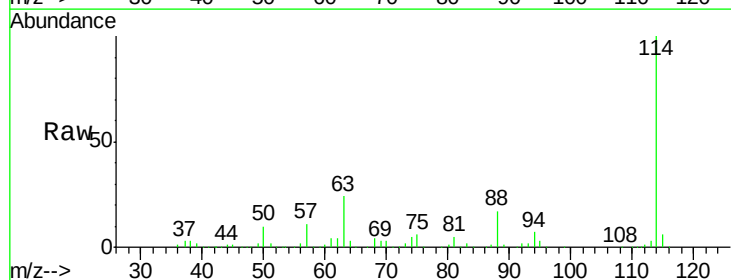
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-B1-(0)

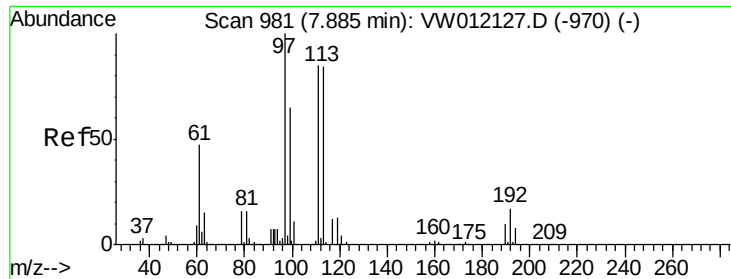
Tot Ion: 65 Resp: 140619
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012576.D
 Acq: 04 Sep 2019 05:15

Tgt Ion: 114 Resp: 329539
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 48.6
 88 16.5 0.0 32.2

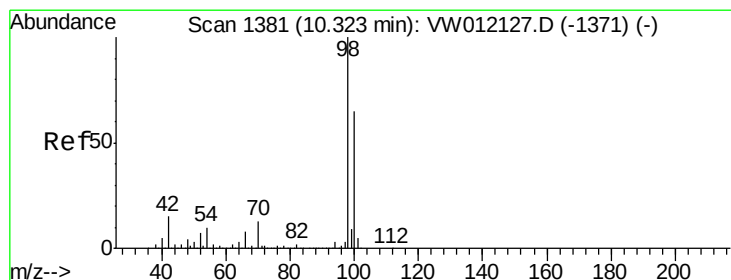
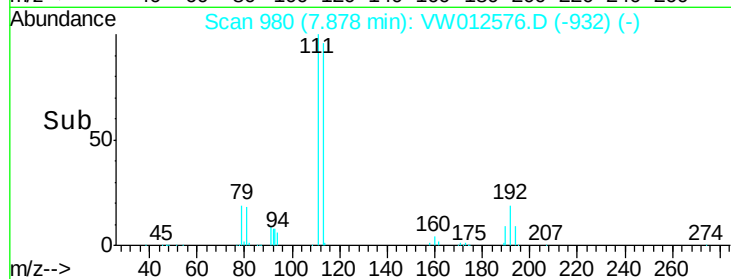
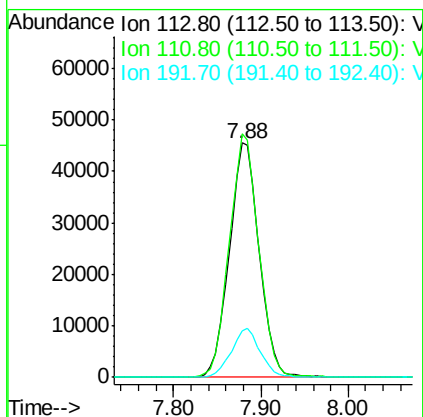
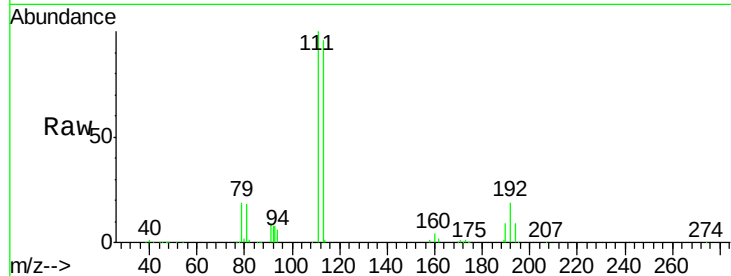




#35
 Dibromofluoromethane
 Concen: 54.933 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012576.D
 Acq: 04 Sep 2019 05:15

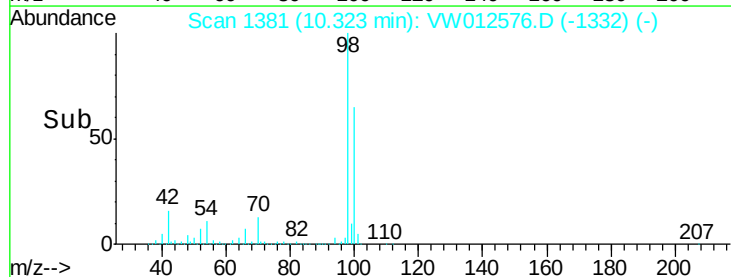
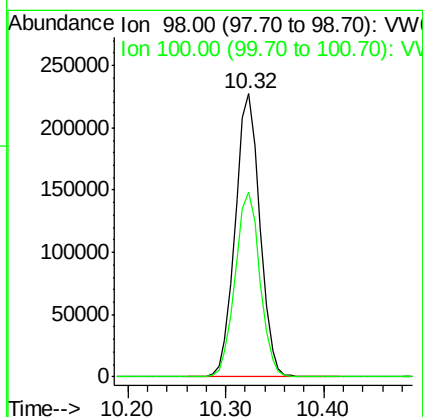
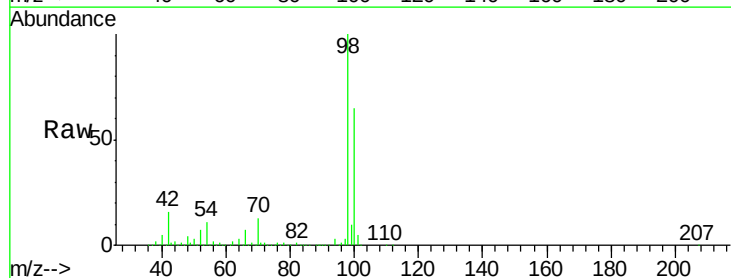
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-B1-(0)

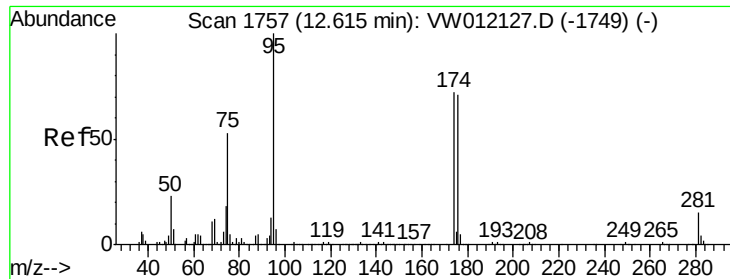
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.7	124.1
192	20.1	16.2	24.2



#50
 Toluene-d8
 Concen: 49.867 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012576.D
 Acq: 04 Sep 2019 05:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6

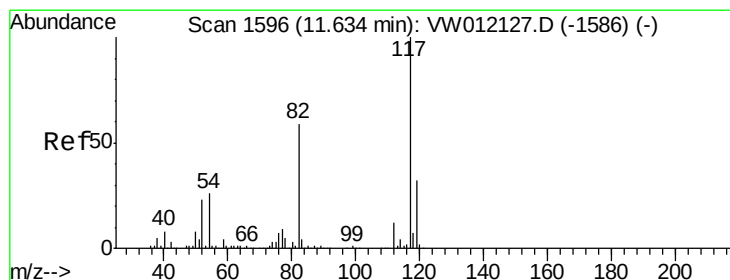
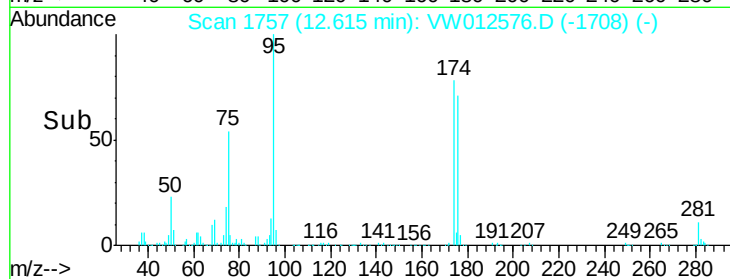
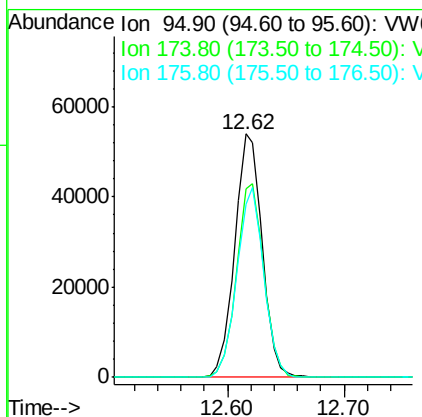
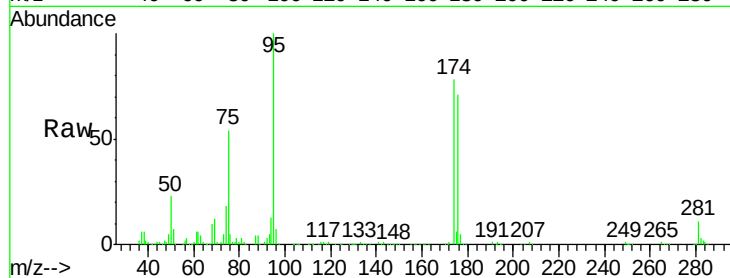




#62
4-Bromofluorobenzene
Concen: 31.418 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012576.D
Acq: 04 Sep 2019 05:15

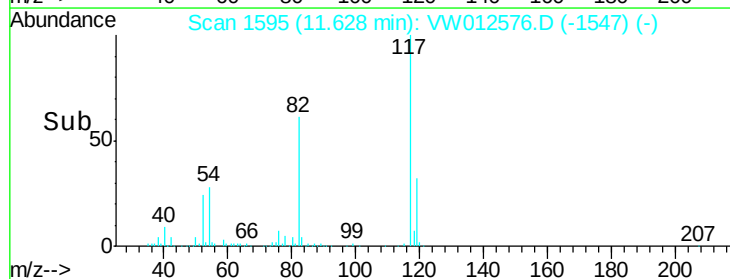
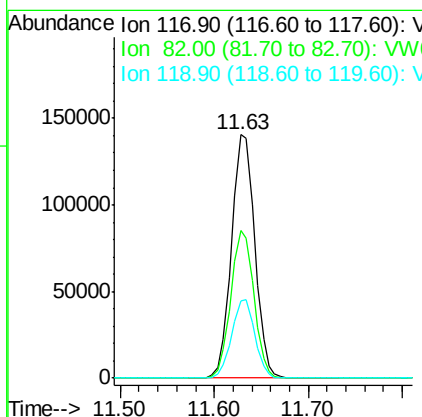
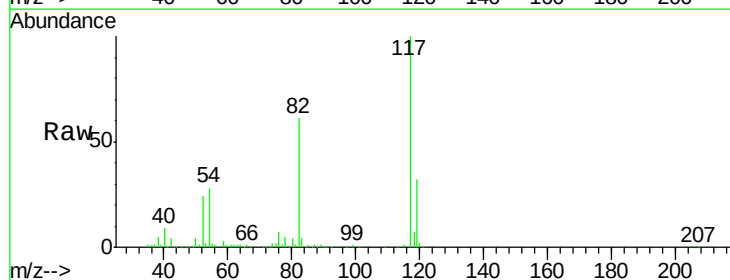
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-B1-(0)

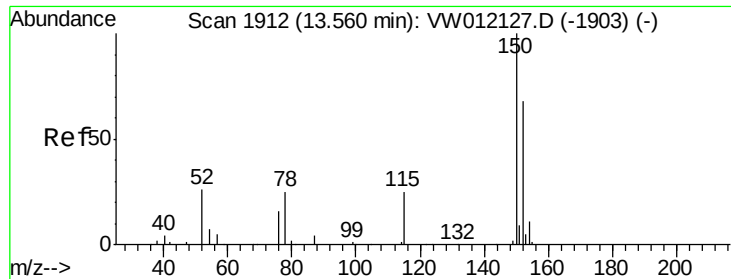
Tot Ion: 95 Resp: 88329
Ion Ratio Lower Upper
95 100
174 79.3 0.0 150.8
176 76.5 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012576.D
Acq: 04 Sep 2019 05:15

Tgt Ion: 117 Resp: 241337
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 31.9 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: VW012576.D

Acq: 04 Sep 2019 05:15

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-B1-(0)

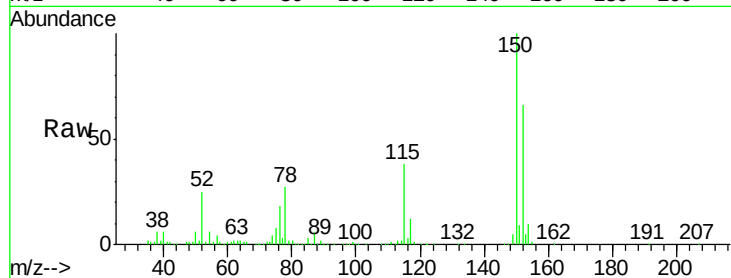
Tot Ion:152 Resp: 58504

Ion Ratio Lower Upper

152 100

115 59.4 30.1 90.3

150 156.2 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

