

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012573.D
 Acq On : 04 Sep 2019 03:58
 Operator : SY/VA
 Sample : K4525-07
 Misc : 3.43G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A2-(1.9)

Quant Time: Sep 04 07:55:38 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

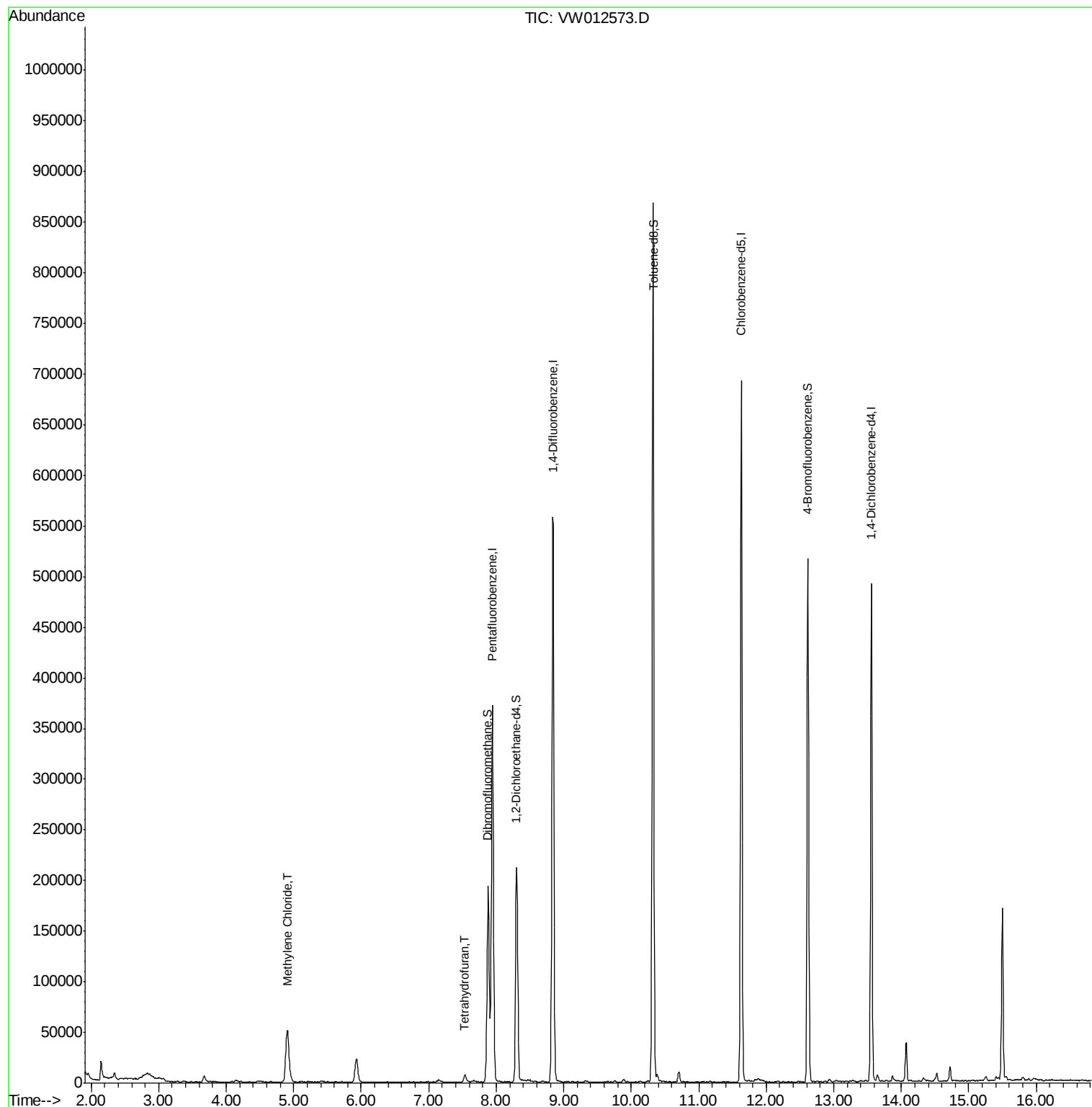
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	270528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	438825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	123682	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	178458	55.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.98%	
35) Dibromofluoromethane	7.88	113	136250	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
50) Toluene-d8	10.32	98	539022	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.62	95	158200	42.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.52%	
Target Compounds						
20) Methylene Chloride	4.91	84	38343	12.338	ug/l	97
29) Tetrahydrofuran	7.54	42	6320	9.430	ug/l #	86

(#) = 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: VW012573.D

Acq: 04 Sep 2019 03:58

Instrument :

MSVOA_W

ClientSampleId :

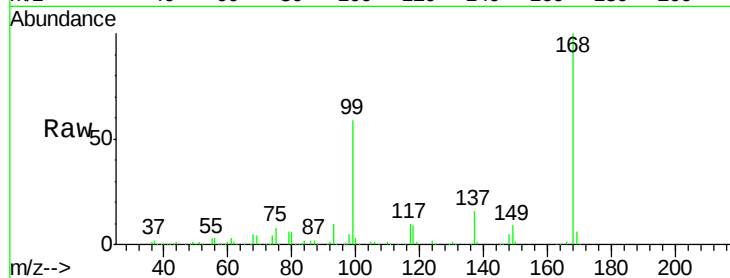
T9-12-13-A2-(1.9)

Tot Ion:168 Resp: 270528

Ion Ratio Lower Upper

168 100

99 59.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

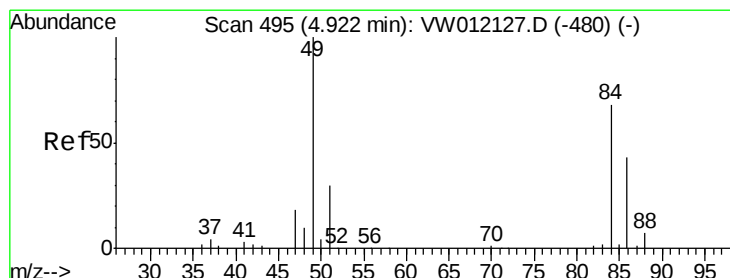
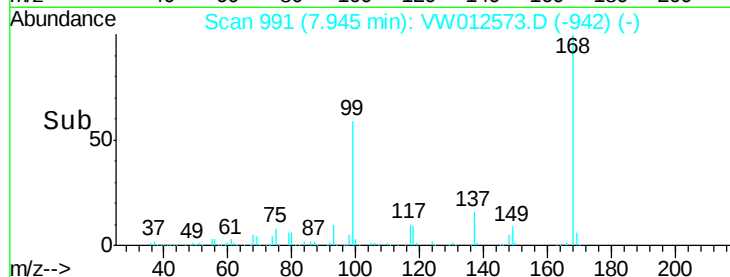
7.95

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 12.338 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012573.D

Acq: 04 Sep 2019 03:58

Tgt Ion: 84 Resp: 38343

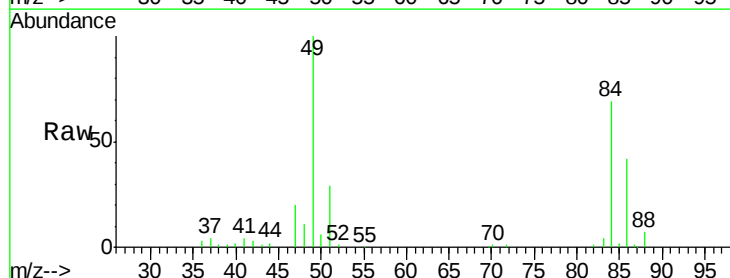
Ion Ratio Lower Upper

84 100

49 143.9 117.8 176.8

51 41.6 35.6 53.4

86 61.1 51.2 76.8



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

4.91

25000

20000

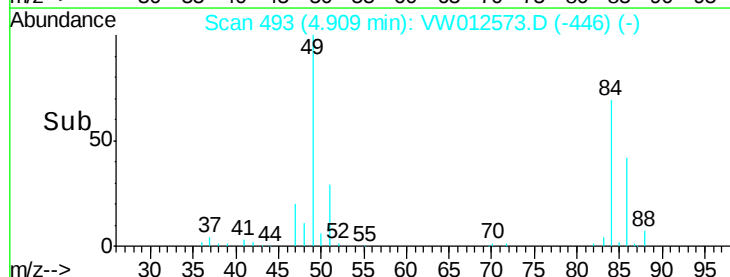
15000

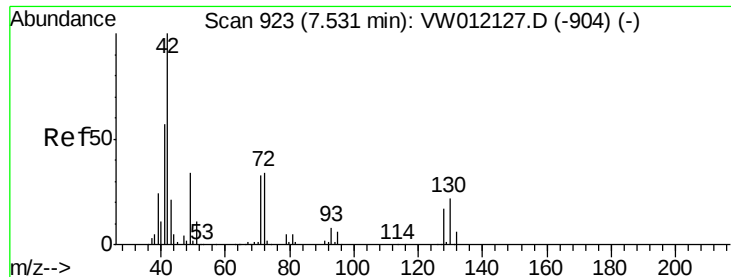
10000

5000

0

Time-->

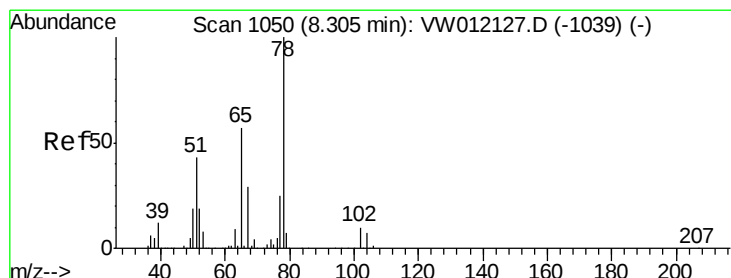
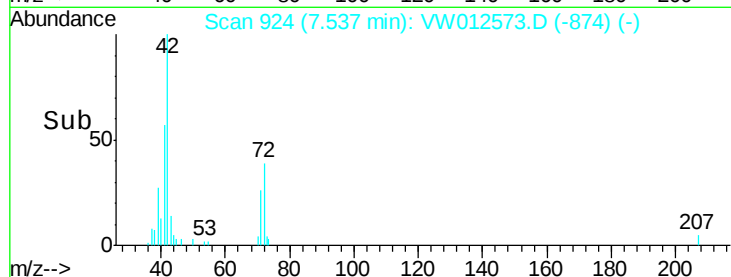
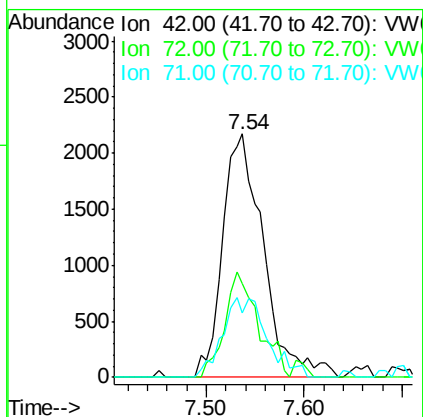
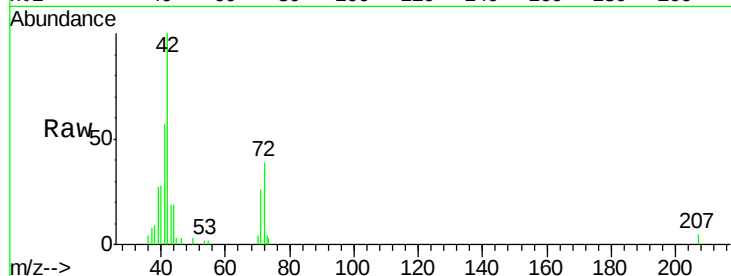




#29
Tetrahydrofuran
Concen: 9.430 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012573.D
Acq: 04 Sep 2019 03:58

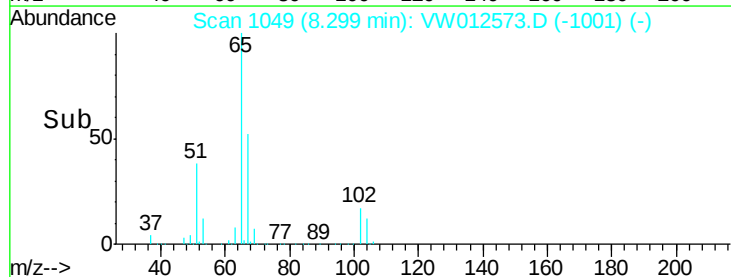
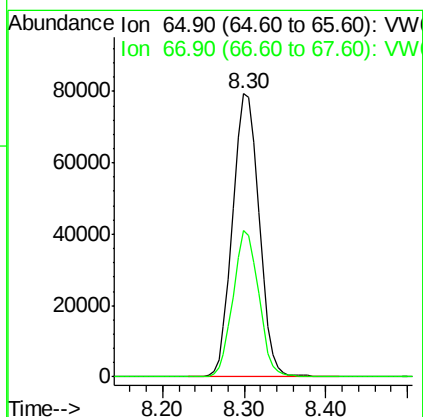
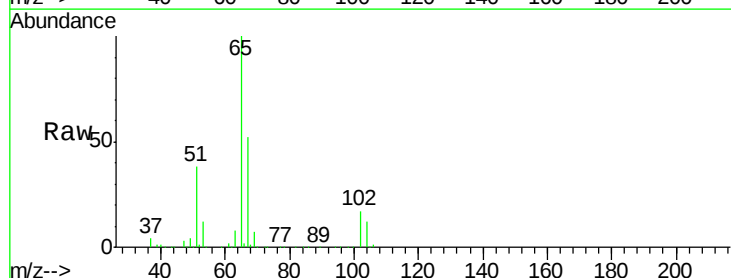
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A2-(1.9)

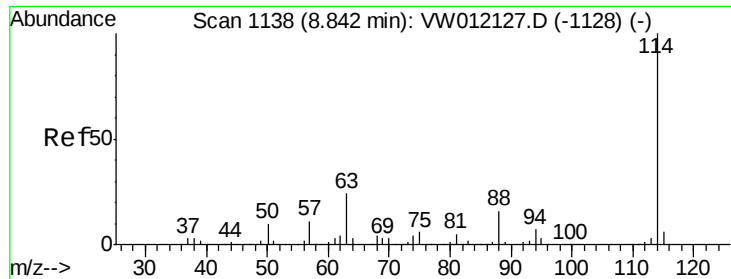
Tot Ion: 42 Resp: 6320
Ion Ratio Lower Upper
42 100
72 35.7 27.3 40.9
71 17.3 25.5 38.3#



#33
1,2-Dichloroethane-d4
Concen: 55.492 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW012573.D
Acq: 04 Sep 2019 03:58

Tgt Ion: 65 Resp: 178458
Ion Ratio Lower Upper
65 100
67 49.8 0.0 102.6

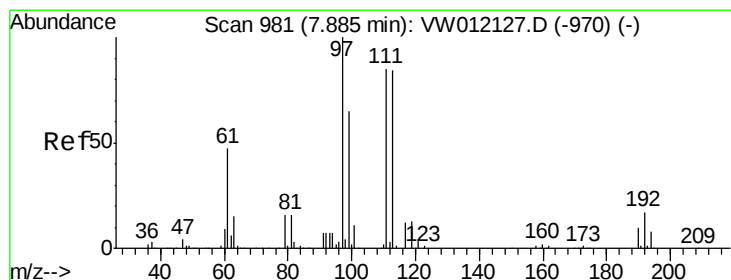
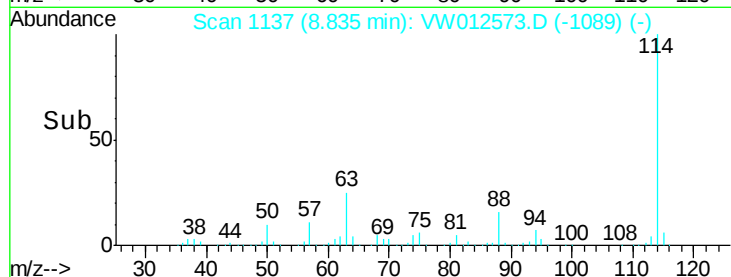
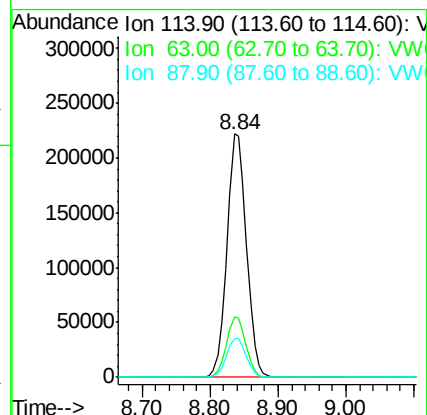
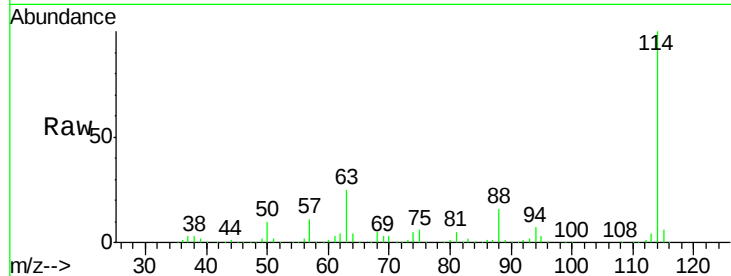




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW012573.D
 Acq: 04 Sep 2019 03:58

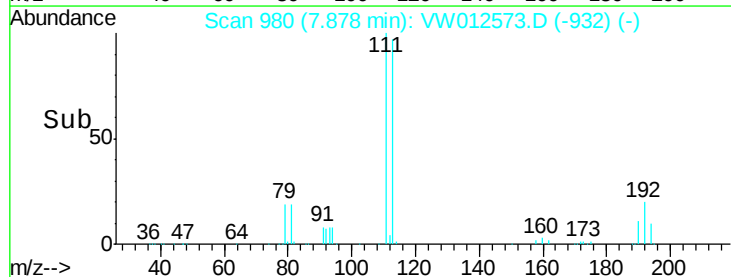
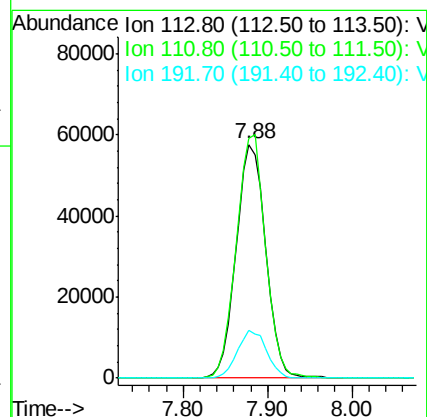
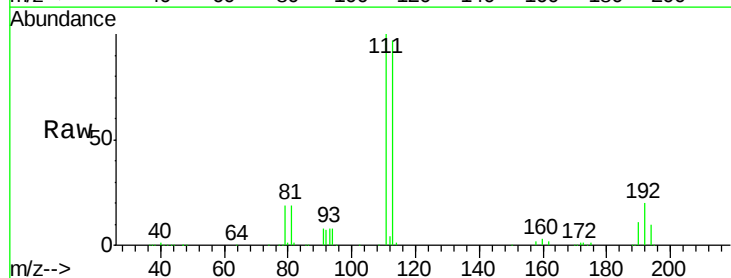
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A2-(1.9)

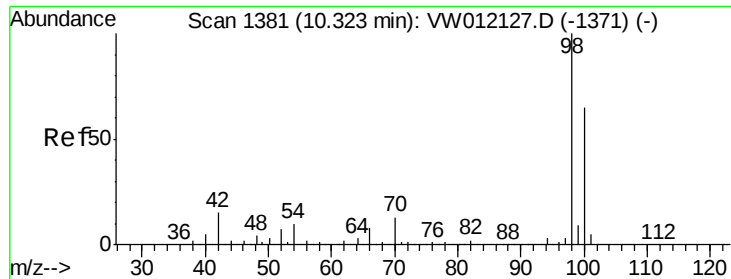
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	48.6
88	16.1	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 52.016 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012573.D
 Acq: 04 Sep 2019 03:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	20.1	16.2	24.2





#50

Toluene-d8

Concen: 50.752 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012573.D

Acq: 04 Sep 2019 03:58

Instrument :

MSVOA_W

ClientSampleId :

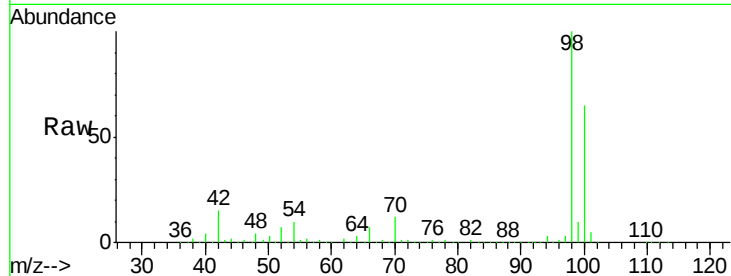
T9-12-13-A2-(1.9)

Tot Ion: 98 Resp: 539022

Ion Ratio Lower Upper

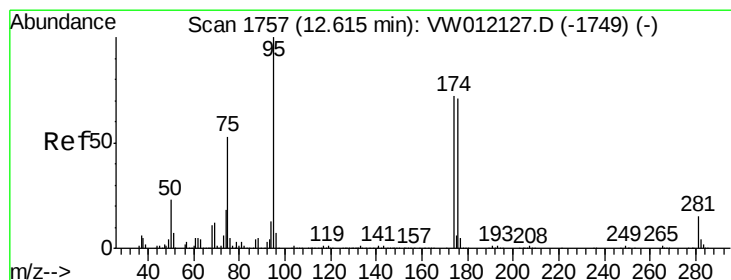
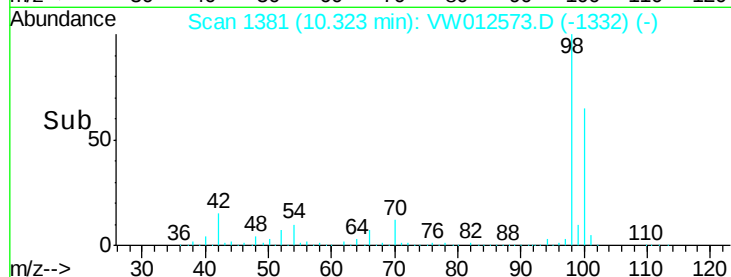
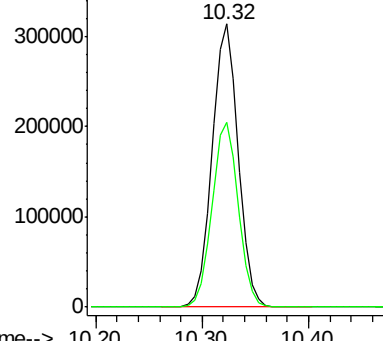
98 100

100 65.8 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: 42.257 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012573.D

Acq: 04 Sep 2019 03:58

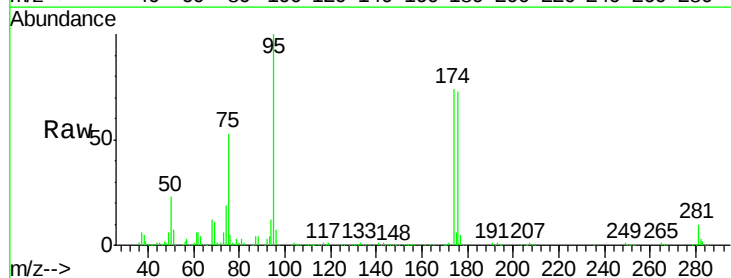
Tgt Ion: 95 Resp: 158200

Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.8

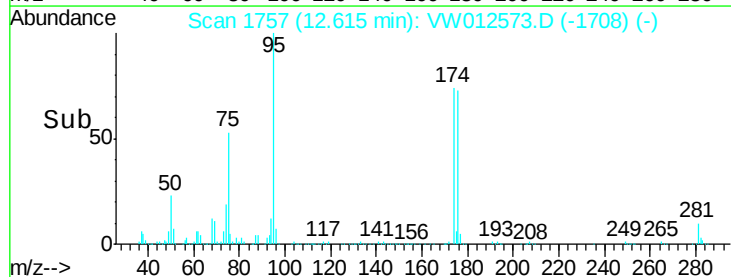
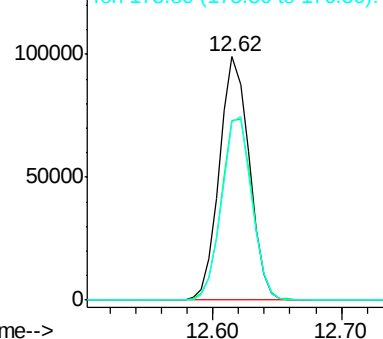
176 75.8 0.0 148.6

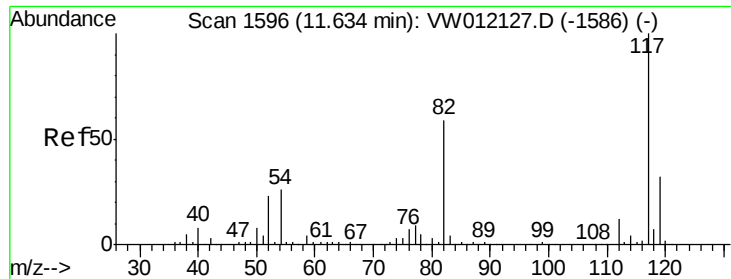


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

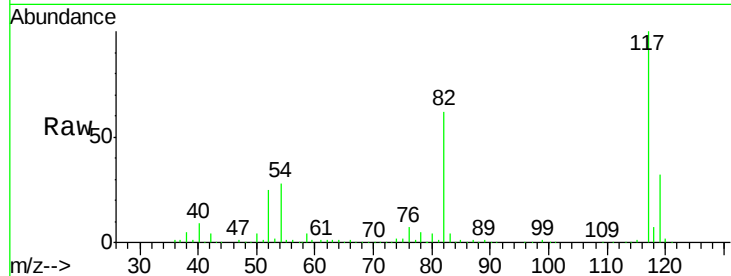




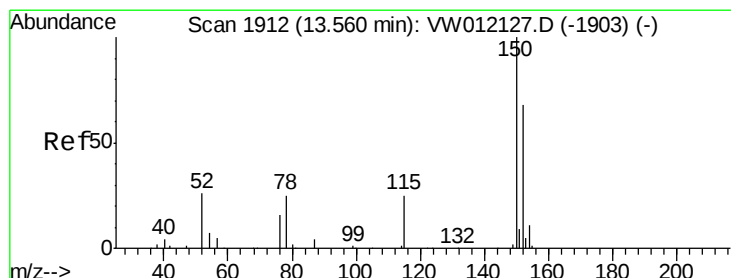
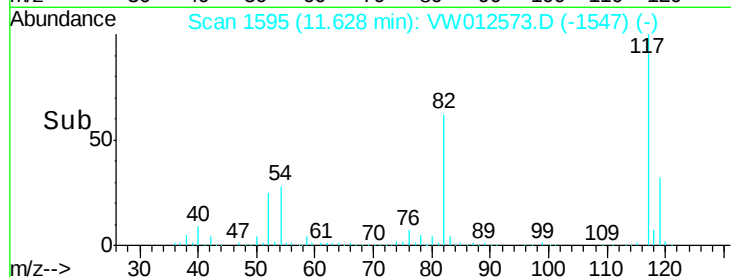
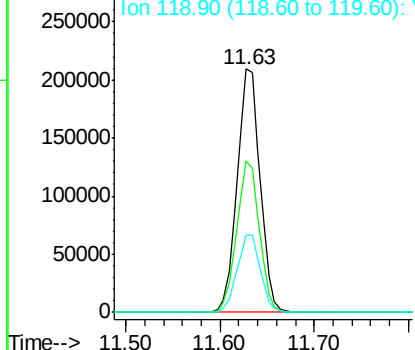
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012573.D
Acq: 04 Sep 2019 03:58

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A2-(1.9)

Tot Ion:117 Resp: 354949
Ion Ratio Lower Upper
117 100
82 62.2 47.4 71.2
119 31.9 25.4 38.2

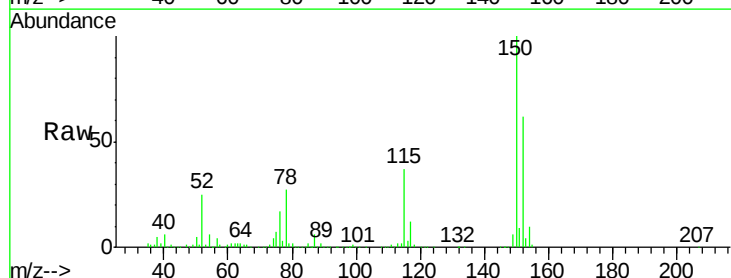


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012573.D
Acq: 04 Sep 2019 03:58

Tgt Ion:152 Resp: 123682
Ion Ratio Lower Upper
152 100
115 59.8 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

