

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012484.D
 Acq On : 02 Sep 2019 07:59
 Operator : SY/VA
 Sample : K4528-12
 Misc : 3.43G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-S2-(0)

Quant Time: Sep 02 08:54:27 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

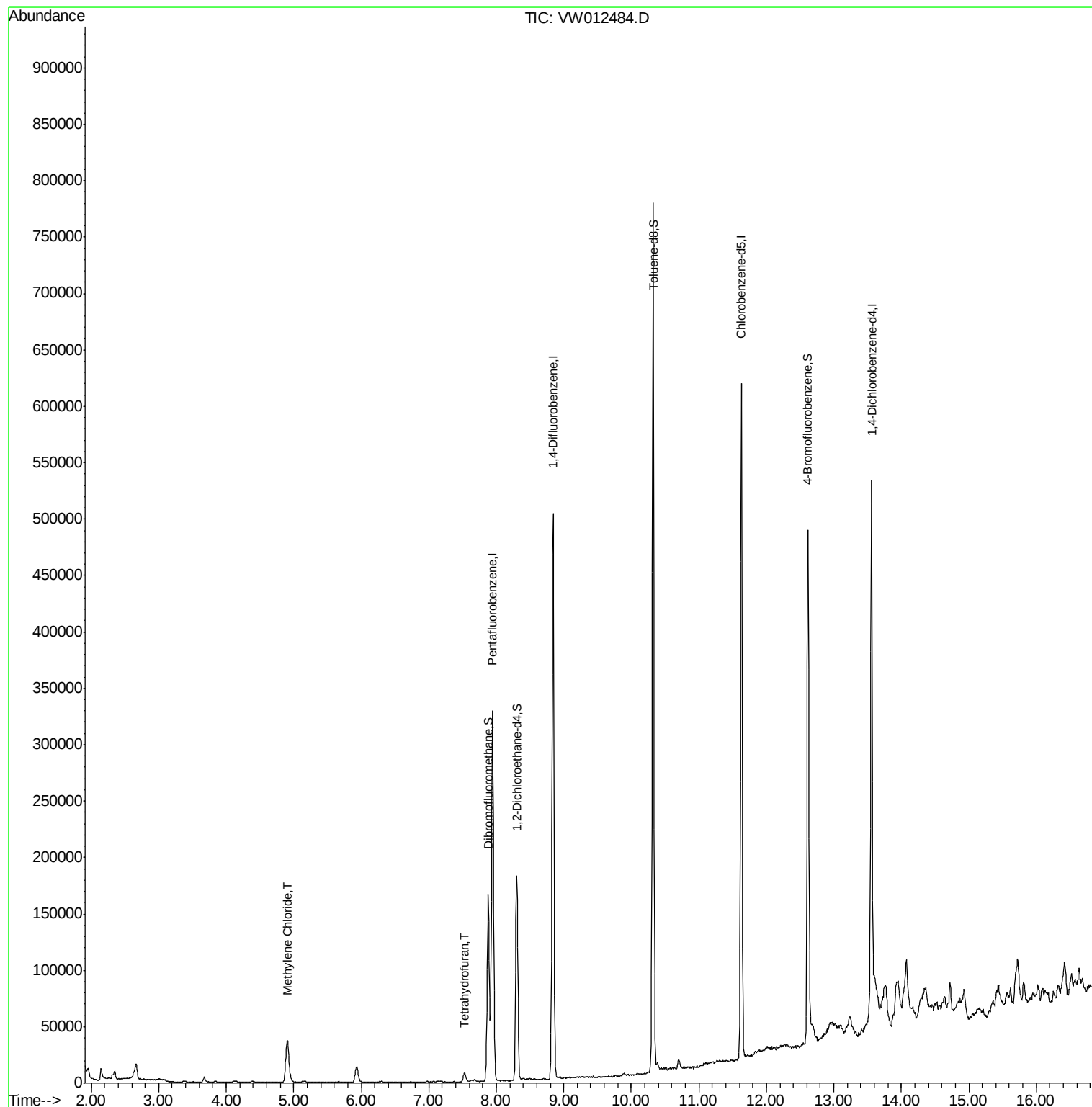
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	389611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	150487	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
35) Dibromofluoromethane	7.88	113	116945	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	10.32	98	479763	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.61	95	148757	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.50%	
Target Compounds						
20) Methylene Chloride	4.91	84	26797	9.864	ug/l	97
29) Tetrahydrofuran	7.53	42	7174	12.245	ug/l	96

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

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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: VW012484.D

Acq: 02 Sep 2019 07:59

Instrument :

MSVOA_W

ClientSampleId :

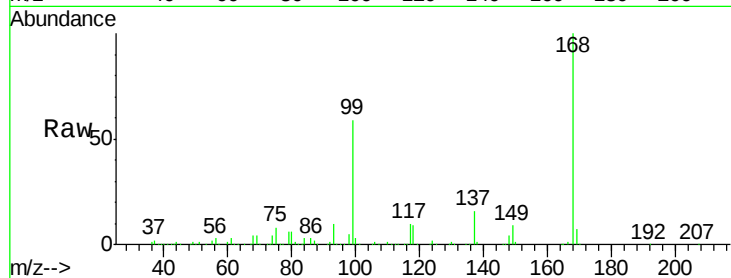
T9-12-13-S2-(0)

Tot Ion:168 Resp: 236486

Ion Ratio Lower Upper

168 100

99 59.5 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

120000

100000

80000

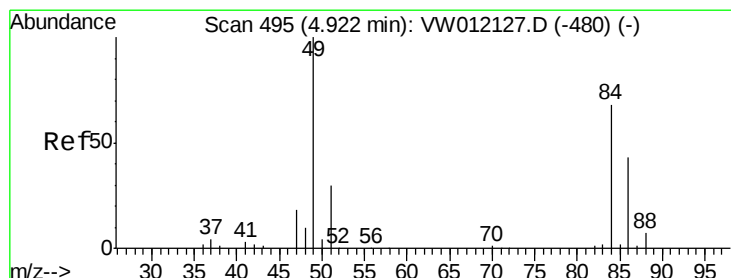
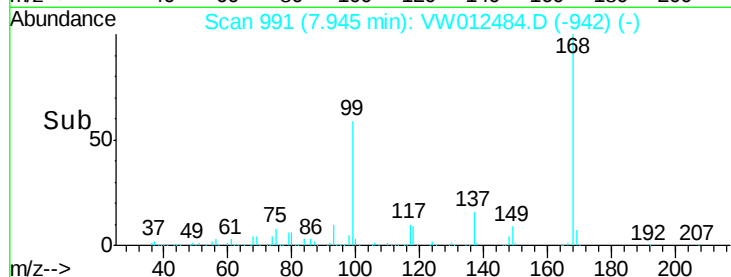
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 9.864 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012484.D

Acq: 02 Sep 2019 07:59

Tgt Ion: 84 Resp: 26797

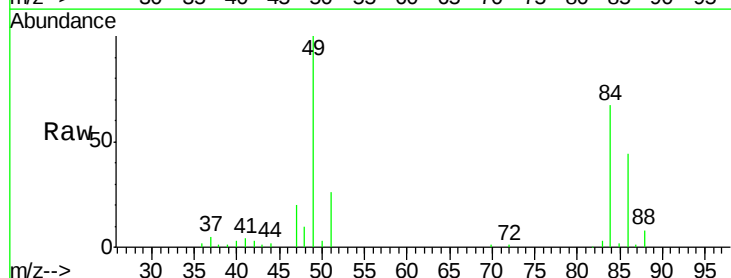
Ion Ratio Lower Upper

84 100

49 150.2 117.8 176.8

51 39.7 35.6 53.4

86 66.3 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

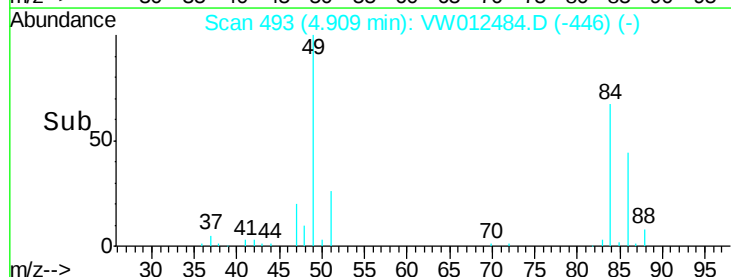
15000

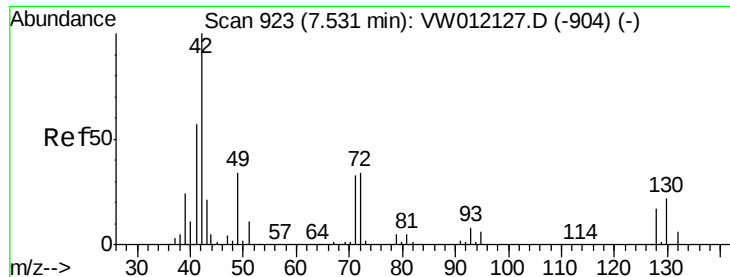
10000

5000

0

Time--> 4.80 4.90 5.00





#29

Tetrahydrofuran

Concen: 12.245 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012484.D

Acq: 02 Sep 2019 07:59

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-S2-(0)

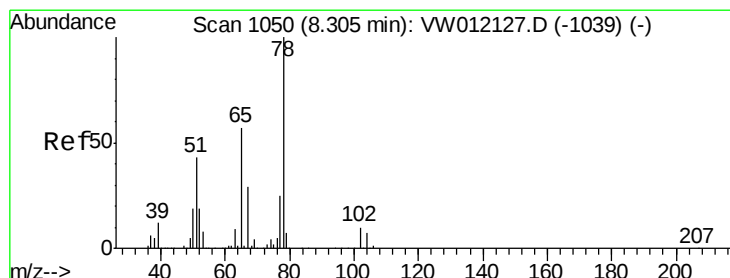
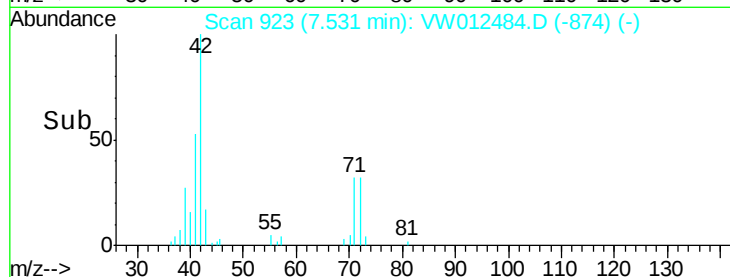
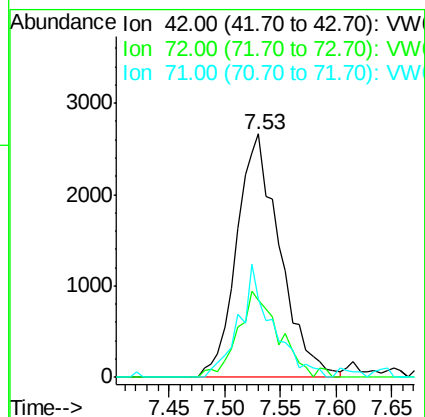
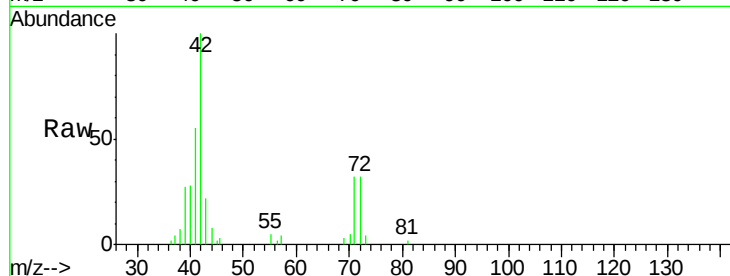
Tot Ion: 42 Resp: 7174

Ion Ratio Lower Upper

42 100

72 33.1 27.3 40.9

71 35.4 25.5 38.3



#33

1,2-Dichloroethane-d4

Concen: 53.530 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012484.D

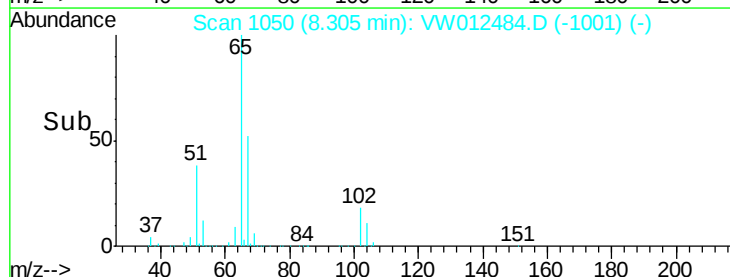
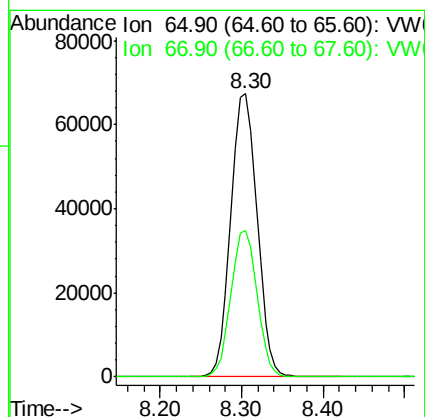
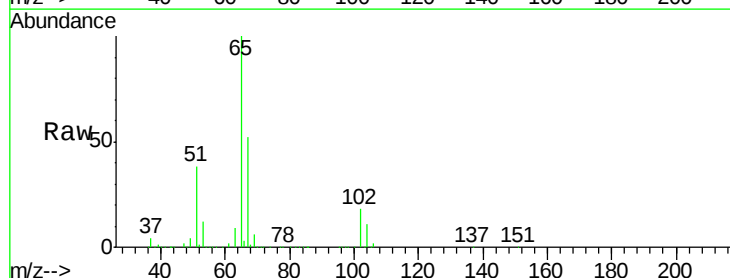
Acq: 02 Sep 2019 07:59

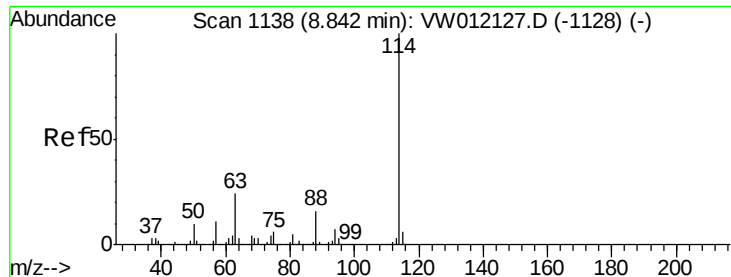
Tgt Ion: 65 Resp: 150487

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.6

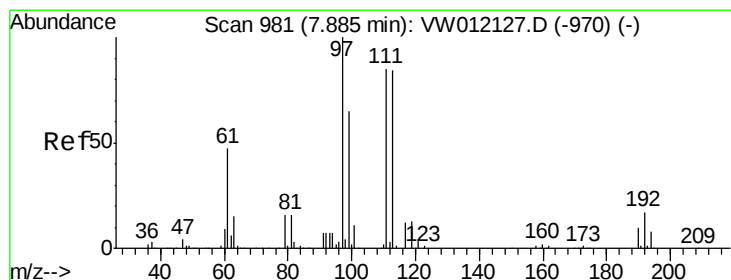
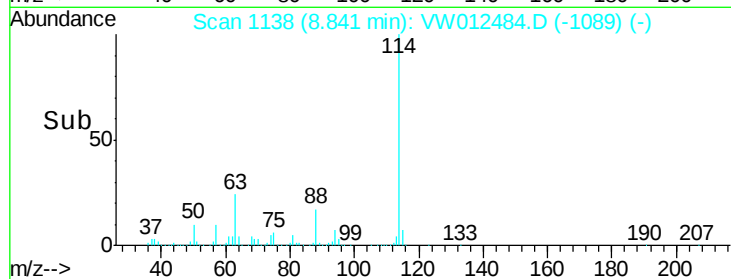
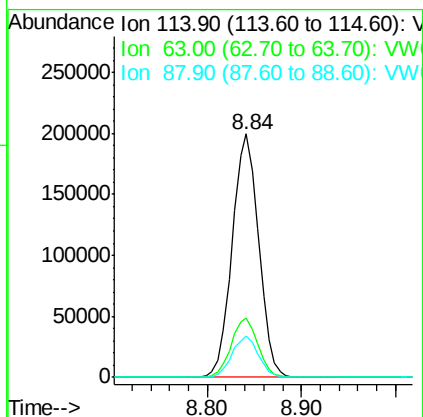
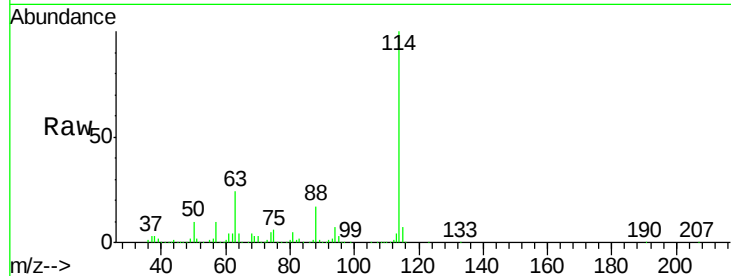




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012484.D
 Acq: 02 Sep 2019 07:59

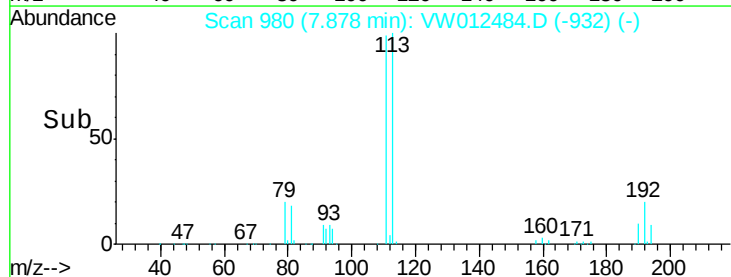
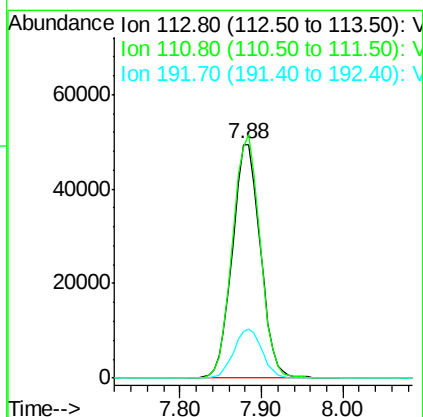
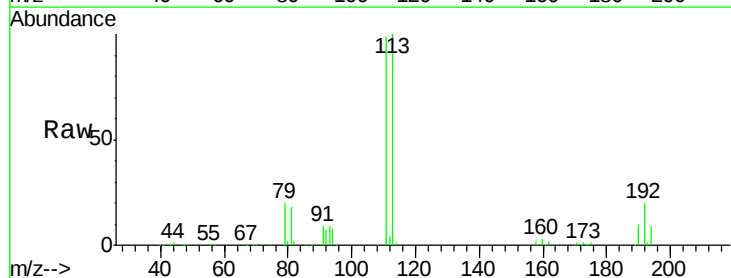
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-S2-(0)

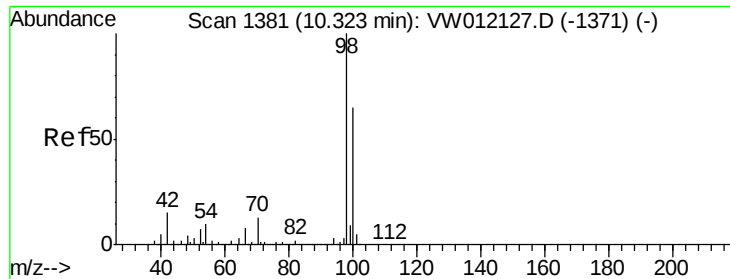
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	48.6
88	16.9	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 50.286 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012484.D
 Acq: 02 Sep 2019 07:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	21.1	16.2	24.2





#50

Toluene-d8

Concen: 50.878 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012484.D

Acq: 02 Sep 2019 07:59

Instrument :

MSVOA_W

ClientSampleId :

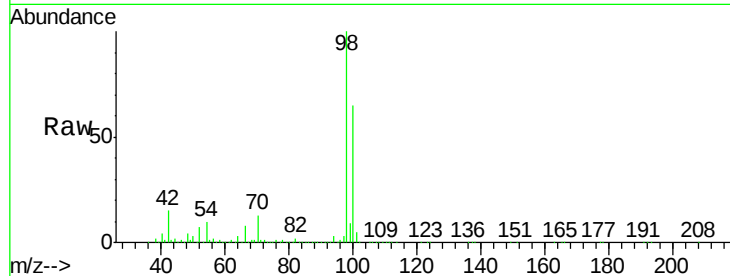
T9-12-13-S2-(0)

Tot Ion: 98 Resp: 479763

Ion Ratio Lower Upper

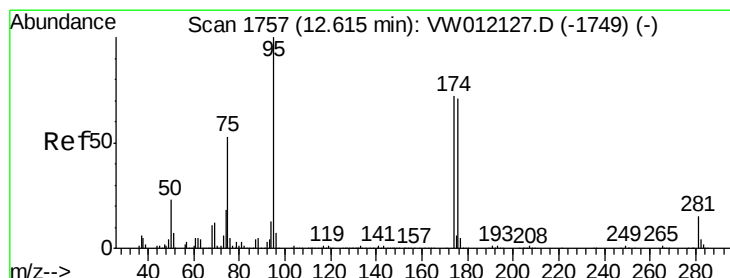
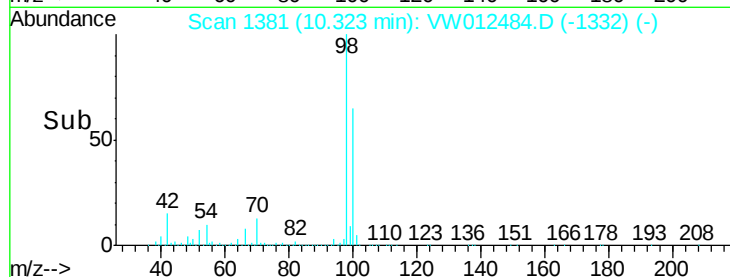
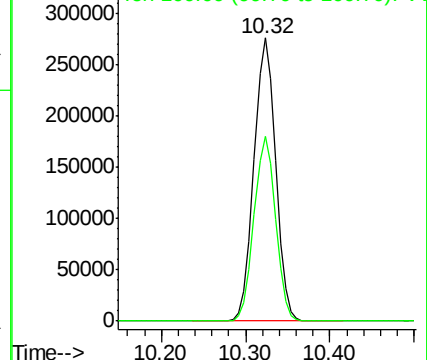
98 100

100 64.6 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: 44.753 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012484.D

Acq: 02 Sep 2019 07:59

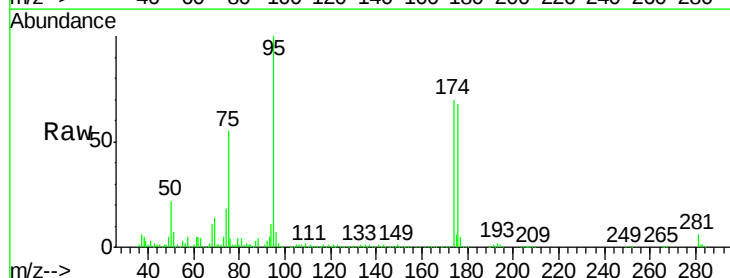
Tgt Ion: 95 Resp: 148757

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.8

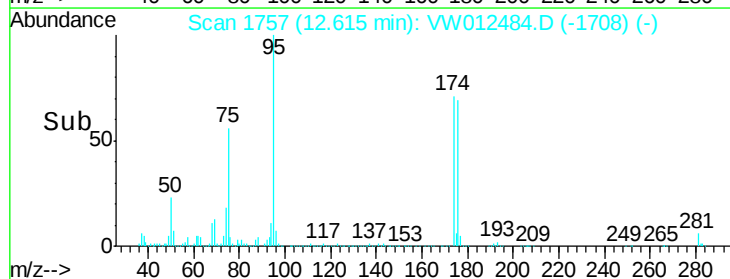
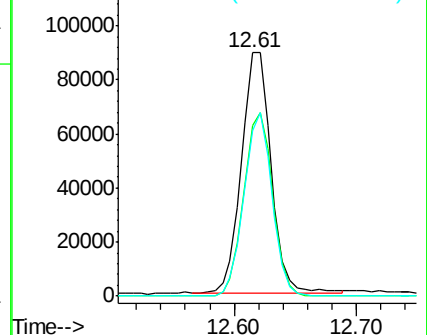
176 72.7 0.0 148.6

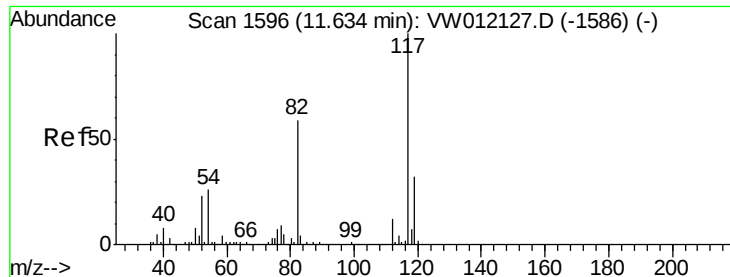


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

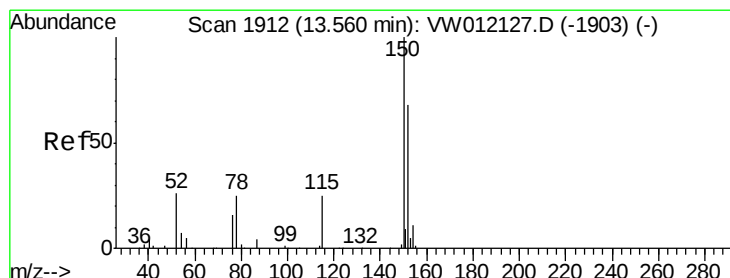
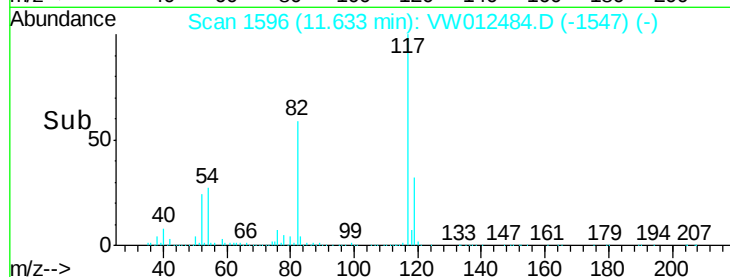
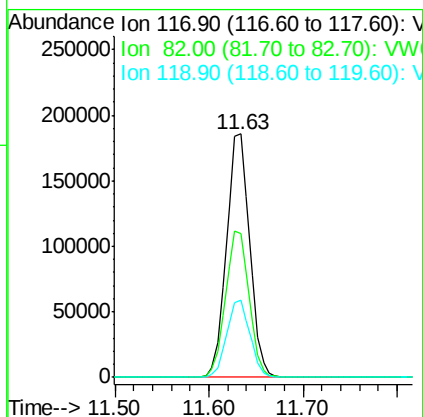
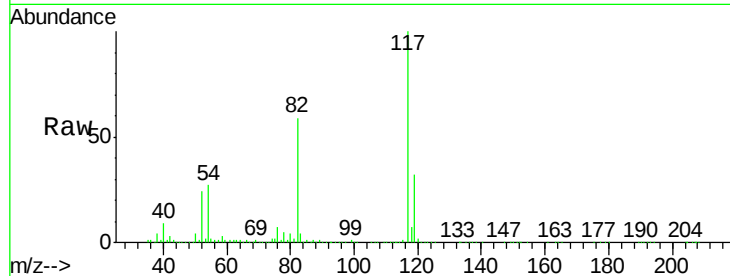




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012484.D
Acq: 02 Sep 2019 07:59

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-S2-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.4	71.2
119	31.7	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: VW012484.D
Acq: 02 Sep 2019 07:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.1	90.3
150	157.7	0.0	345.8

