

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012481.D
 Acq On : 02 Sep 2019 06:42
 Operator : SY/VA
 Sample : K4528-08
 Misc : 2.30G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Sep 02 08:50:29 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

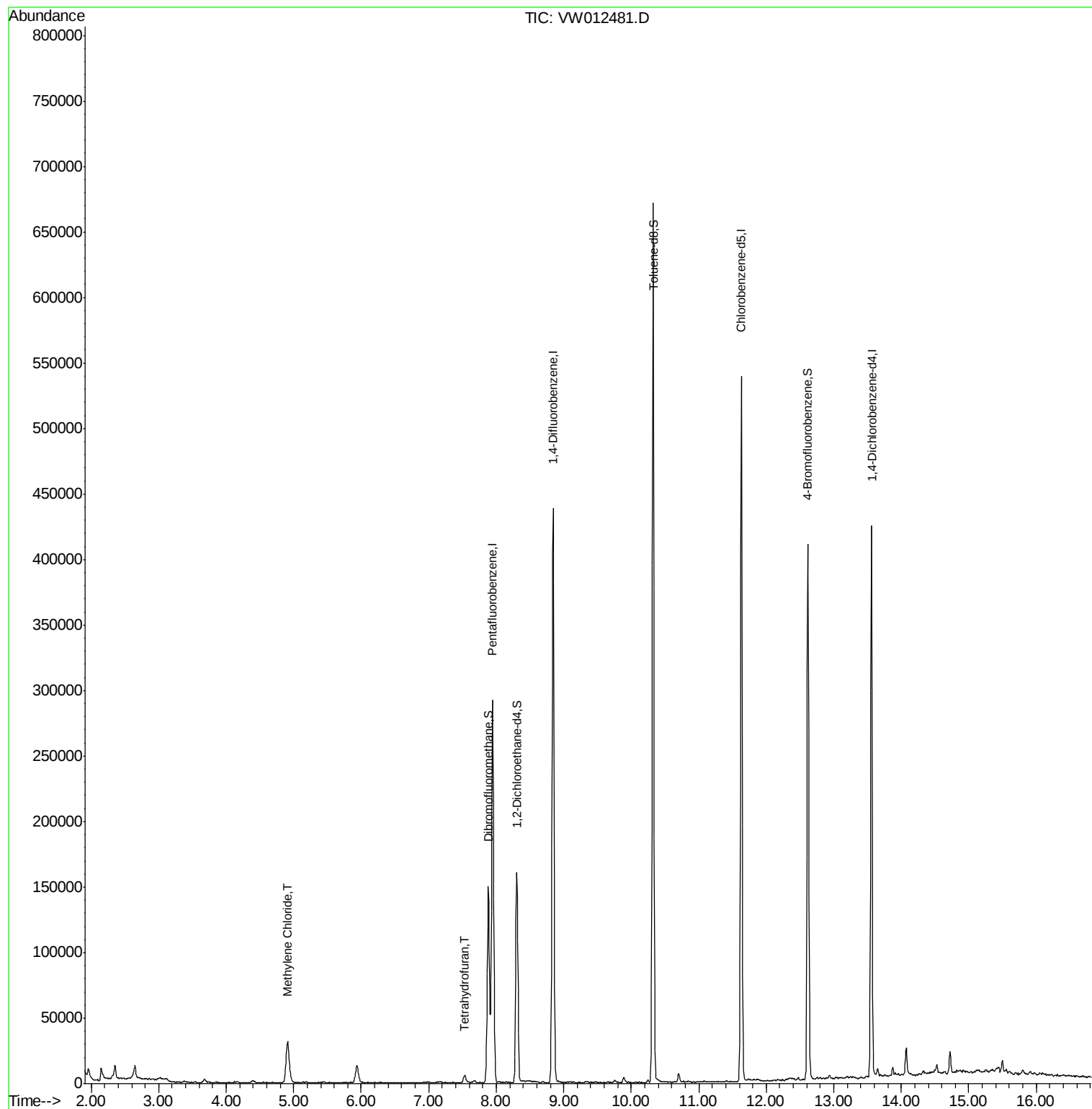
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	342397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132850	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.22%	
35) Dibromofluoromethane	7.88	113	105925	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
50) Toluene-d8	10.32	98	415417	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.62	95	127586	43.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.36%	
Target Compounds						
20) Methylene Chloride	4.91	84	22885	9.468	ug/l	95
29) Tetrahydrofuran	7.53	42	5127	9.835	ug/l	97

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

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Quant Title : SW846 8260
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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: VW012481.D

Acq: 02 Sep 2019 06:42

Instrument :

MSVOA_W

ClientSampleId :

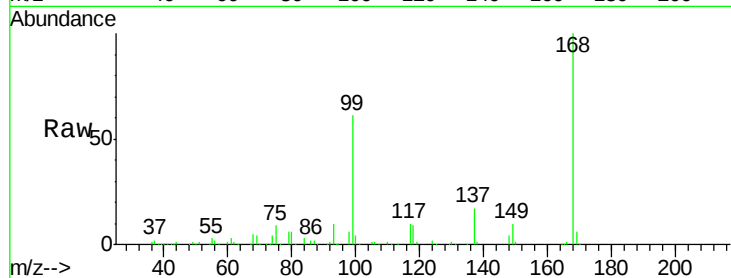
T9-12-13-R-(0)

Tot Ion:168 Resp: 210416

Ion Ratio Lower Upper

168 100

99 61.2 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

80000

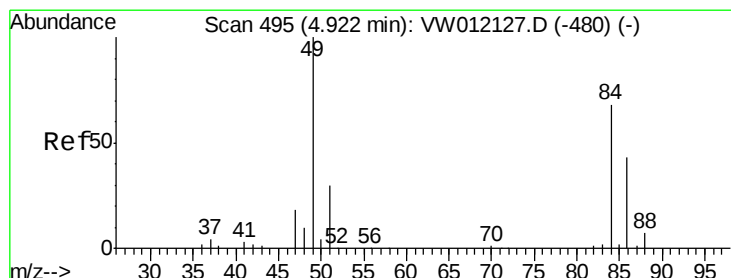
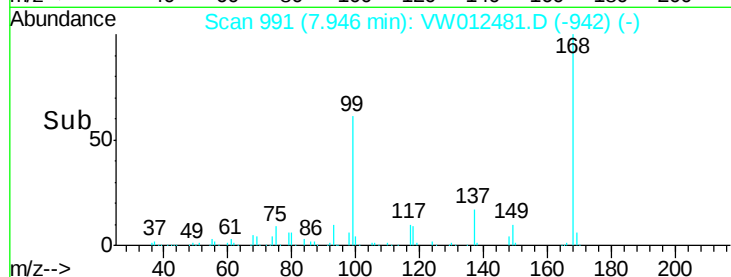
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 9.468 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012481.D

Acq: 02 Sep 2019 06:42

Tgt Ion: 84 Resp: 22885

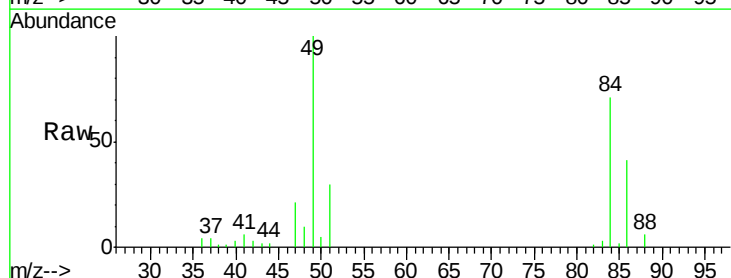
Ion Ratio Lower Upper

84 100

49 141.6 117.8 176.8

51 42.5 35.6 53.4

86 57.4 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

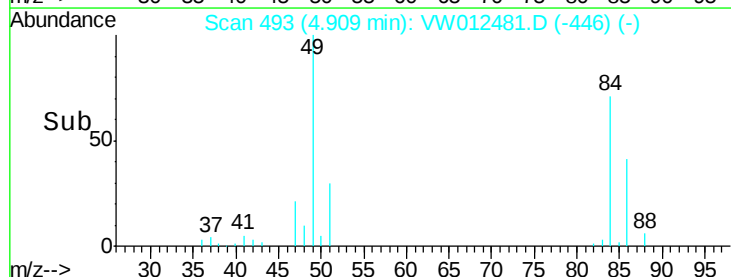
15000

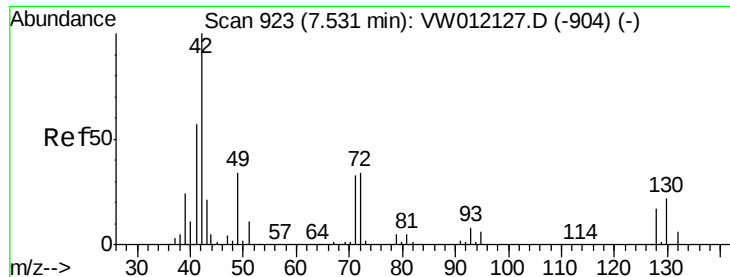
10000

5000

0

Time--> 4.80 4.90 5.00





#29

Tetrahydrofuran

Concen: 9.835 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW012481.D

Acq: 02 Sep 2019 06:42

Instrument :

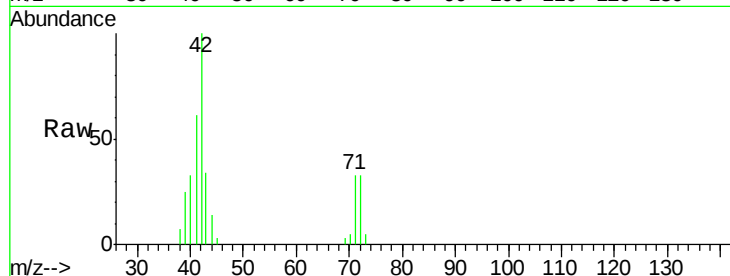
MSVOA_W

ClientSampleId :

T9-12-13-R-(0)

Tot Ion: 42 Resp: 5127

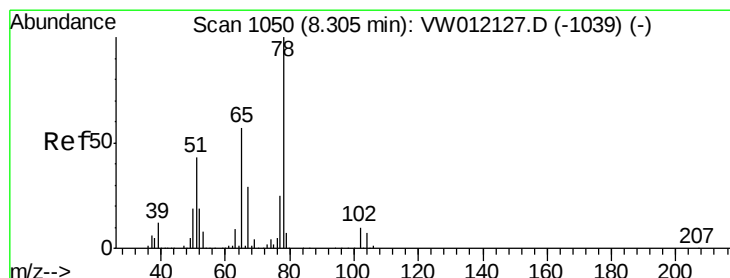
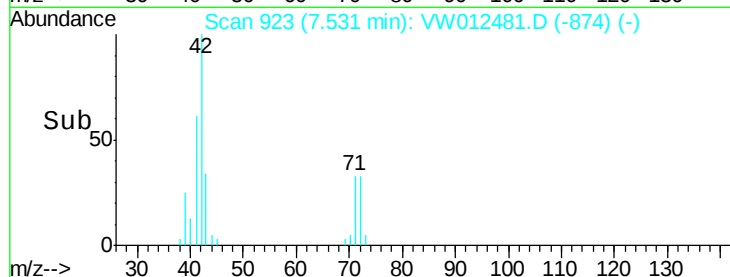
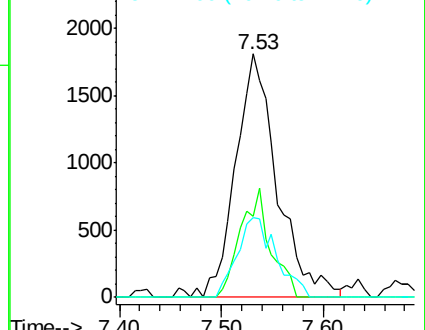
Ion	Ratio	Lower	Upper
42	100		
72	32.3	27.3	40.9
71	30.7	25.5	38.3



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 53.112 ug/l

RT: 8.31 min Scan# 1050

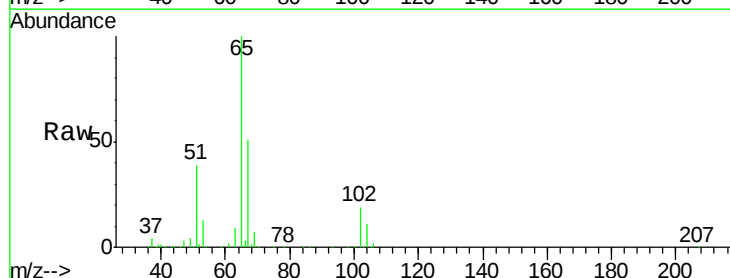
Delta R.T. 0.00 min

Lab File: VW012481.D

Acq: 02 Sep 2019 06:42

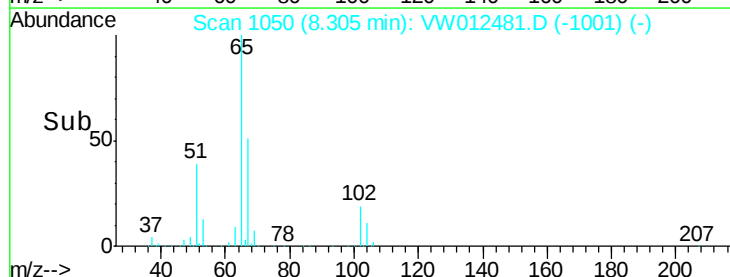
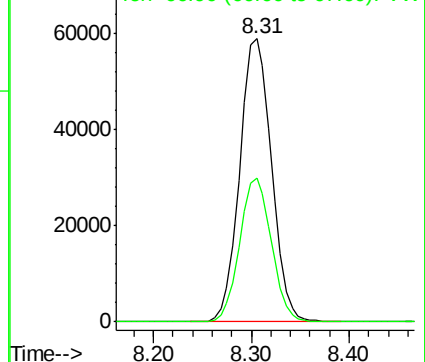
Tgt Ion: 65 Resp: 132850

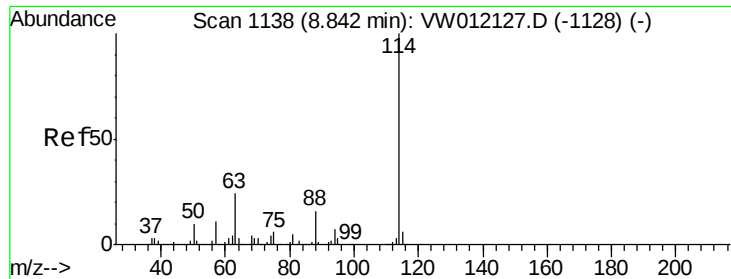
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

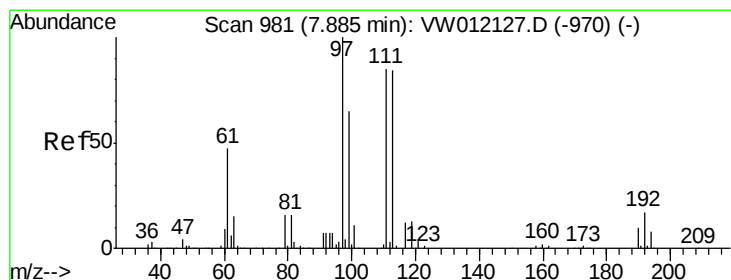
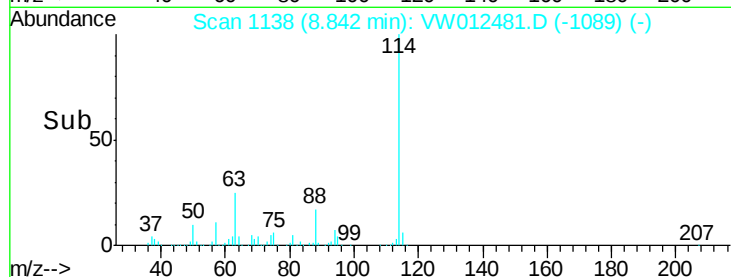
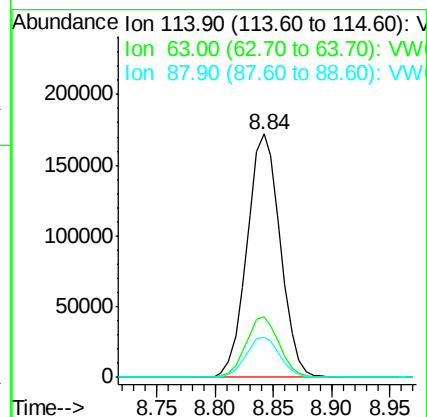
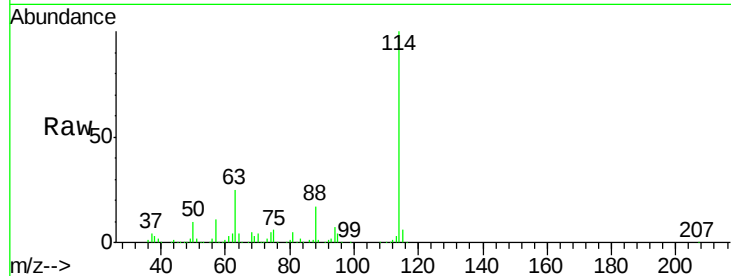




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012481.D
 Acq: 02 Sep 2019 06:42

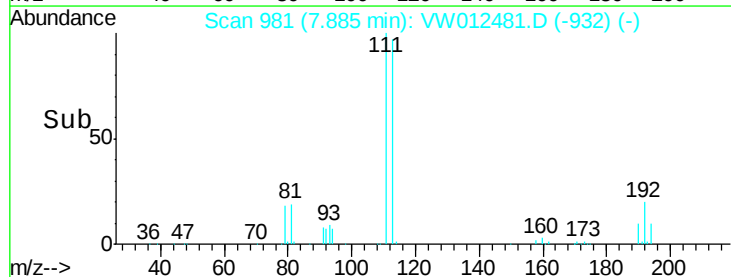
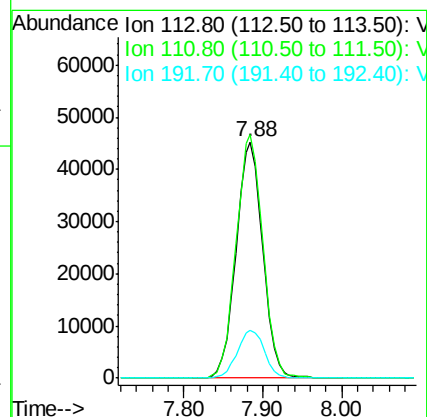
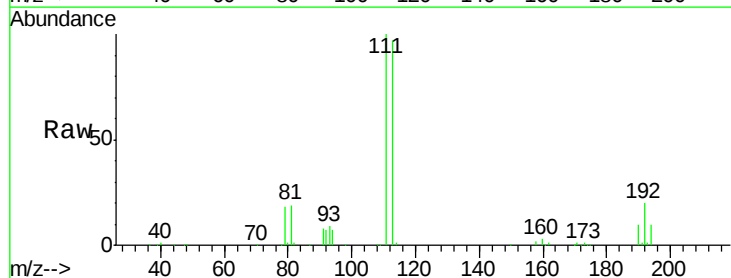
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-R-(0)

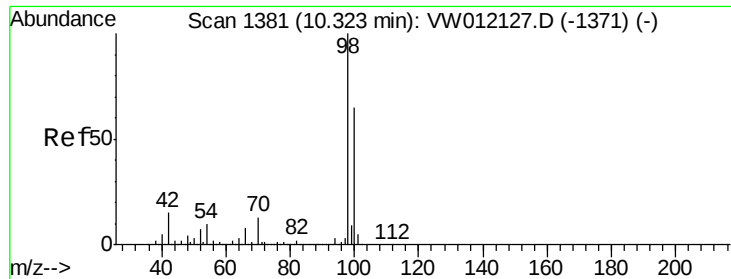
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	48.6
88	16.7	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 51.828 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012481.D
 Acq: 02 Sep 2019 06:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.7	124.1
192	20.6	16.2	24.2





#50

Toluene-d8

Concen: 50.129 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012481.D

Acq: 02 Sep 2019 06:42

Instrument :

MSVOA_W

ClientSampleId :

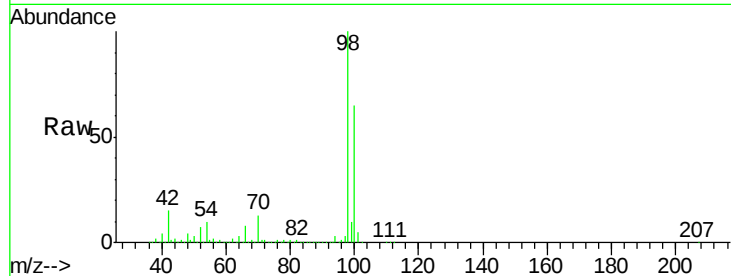
T9-12-13-R-(0)

Tot Ion: 98 Resp: 415417

Ion Ratio Lower Upper

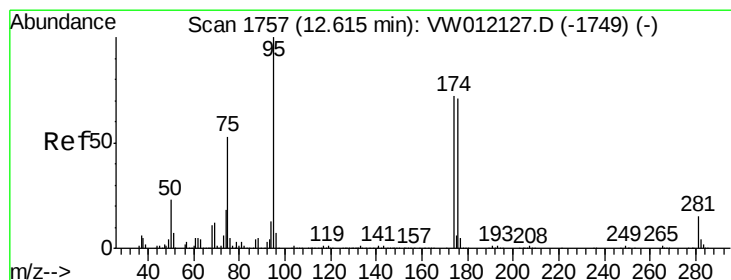
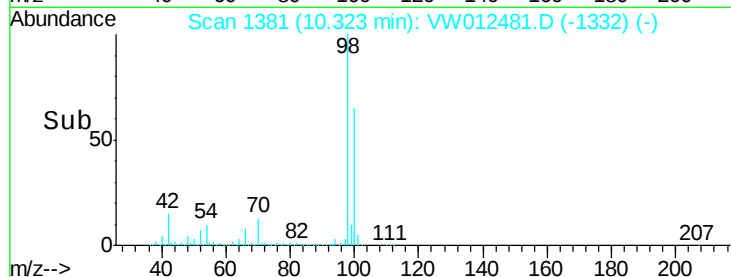
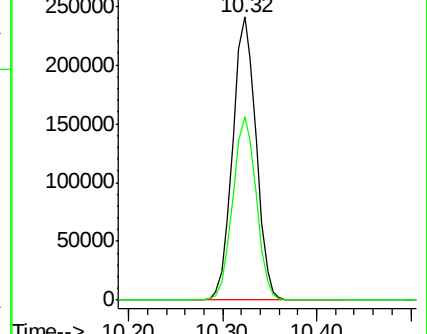
98 100

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: 43.677 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012481.D

Acq: 02 Sep 2019 06:42

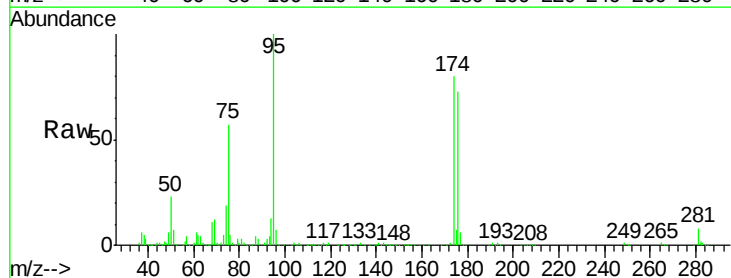
Tgt Ion: 95 Resp: 127586

Ion Ratio Lower Upper

95 100

174 79.6 0.0 150.8

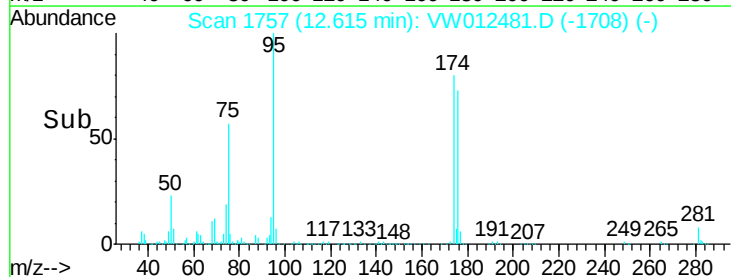
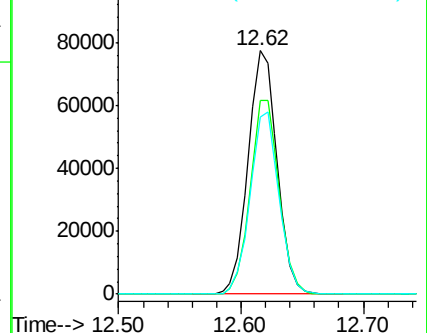
176 74.4 0.0 148.6

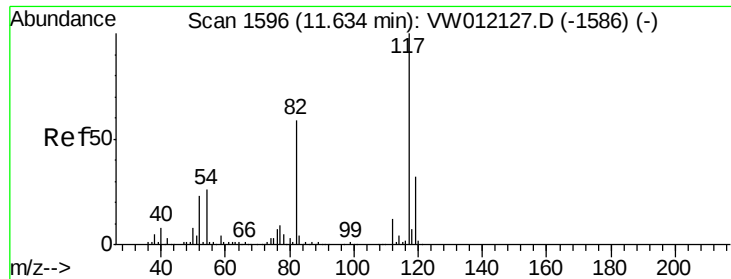


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

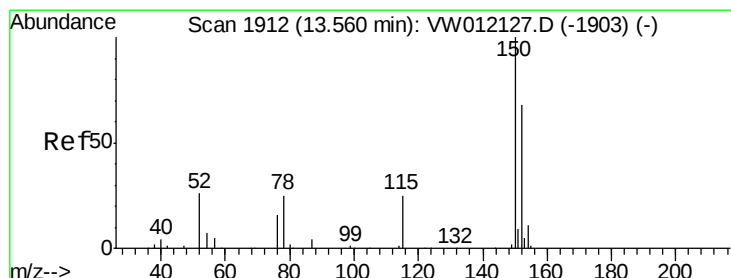
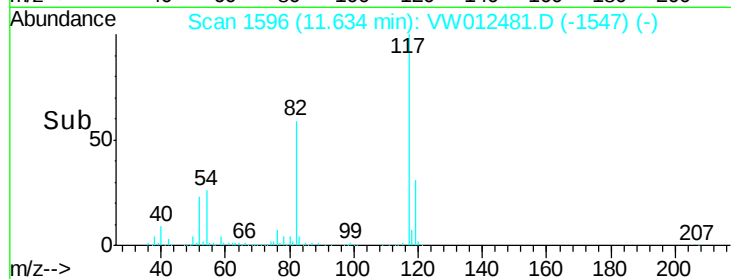
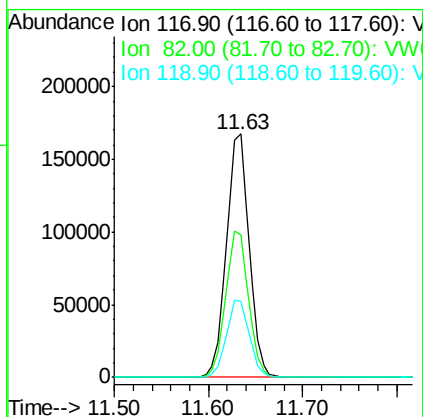
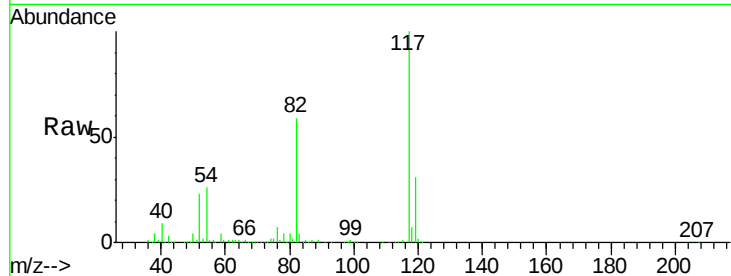




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012481.D
Acq: 02 Sep 2019 06:42

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.4	71.2
119	31.2	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: VW012481.D
Acq: 02 Sep 2019 06:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.1	90.3
150	154.5	0.0	345.8

