

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012478.D
 Acq On : 02 Sep 2019 05:24
 Operator : SY/VA
 Sample : K4528-04
 Misc : 3.00G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q2-(1.9)

Quant Time: Sep 02 08:46:15 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

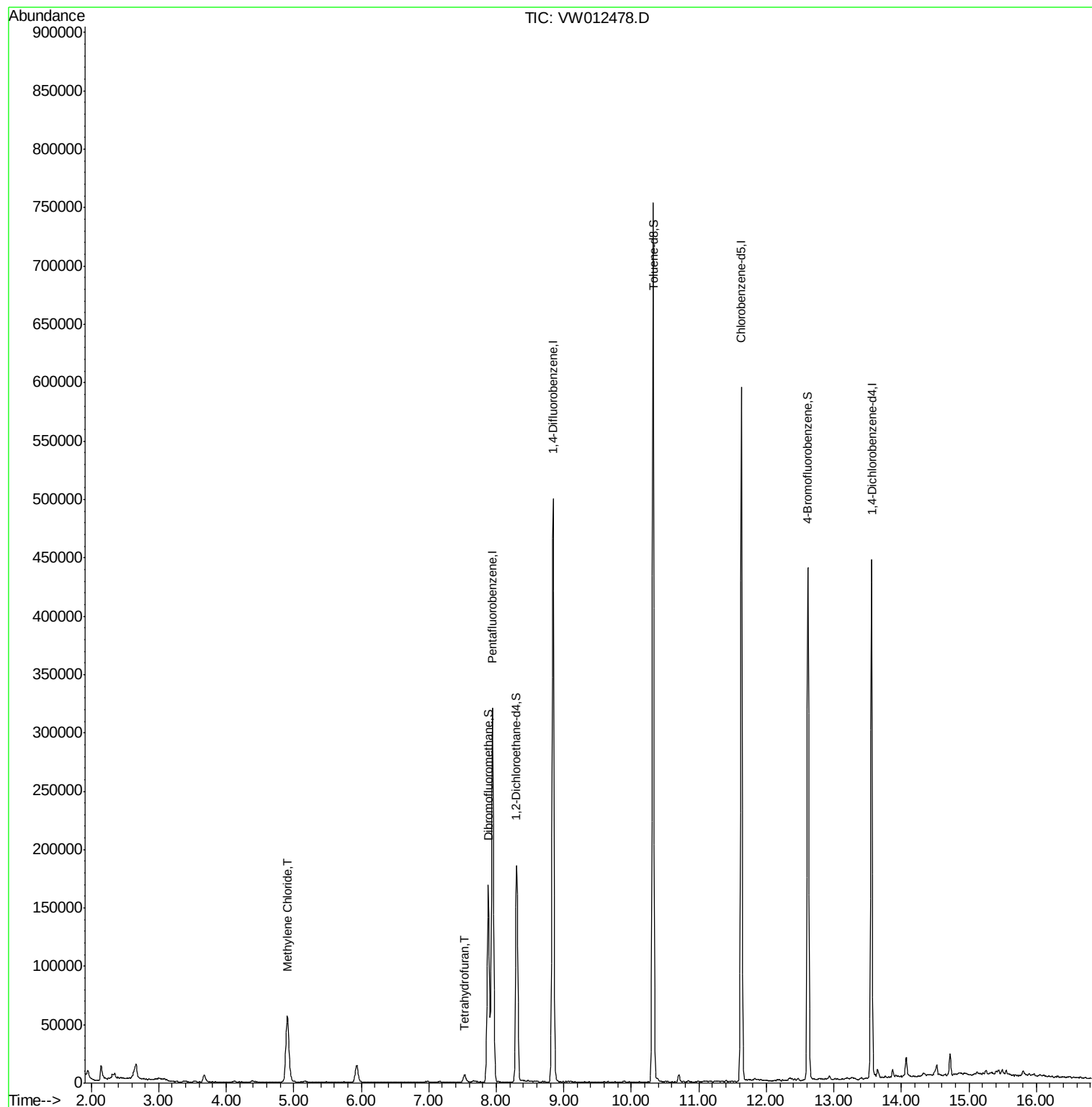
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	383243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	309401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	153096	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.22%	
35) Dibromofluoromethane	7.88	113	119788	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
50) Toluene-d8	10.32	98	464434	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.62	95	141587	43.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.60%	
Target Compounds						
20) Methylene Chloride	4.90	84	39963	14.885	ug/l	95
29) Tetrahydrofuran	7.52	42	5729	9.895	ug/l	96

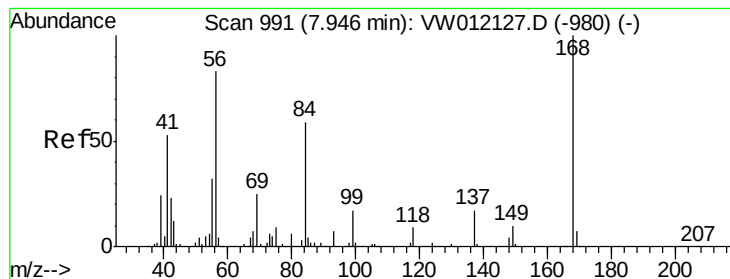
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090119\
Data File : VW012478.D
Acq On : 02 Sep 2019 05:24
Operator : SY/VA
Sample : K4528-04
Misc : 3.00G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-Q2-(1.9)

Quant Time: Sep 02 08:46:15 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012478.D

Acq: 02 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

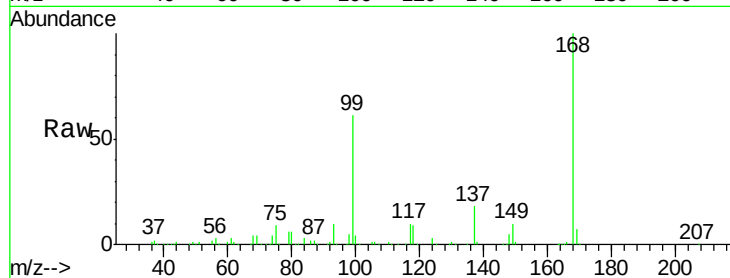
T9-12-13-Q2-(1.9)

Tot Ion:168 Resp: 233711

Ion Ratio Lower Upper

168 100

99 60.6 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

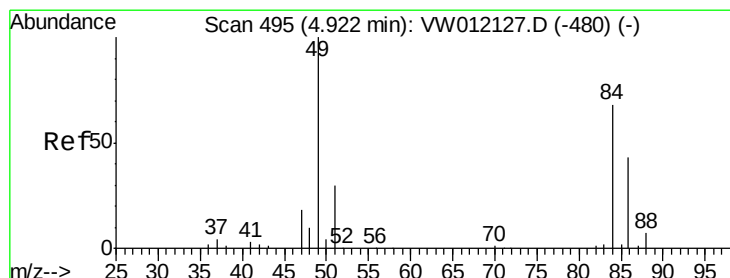
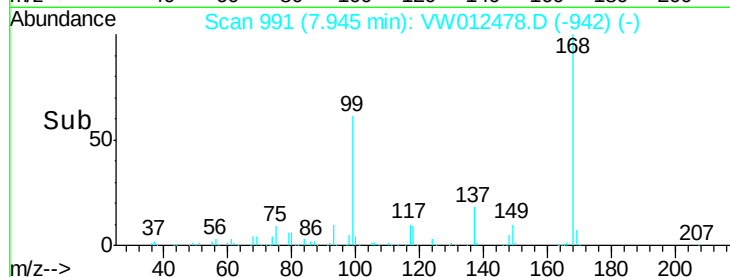
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 14.885 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012478.D

Acq: 02 Sep 2019 05:24

Tgt Ion: 84 Resp: 39963

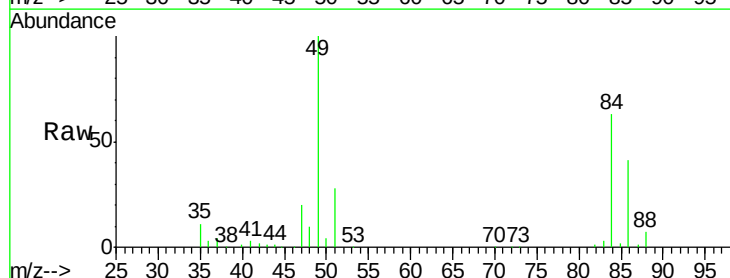
Ion Ratio Lower Upper

84 100

49 158.8 117.8 176.8

51 44.4 35.6 53.4

86 64.6 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

4.90

25000

20000

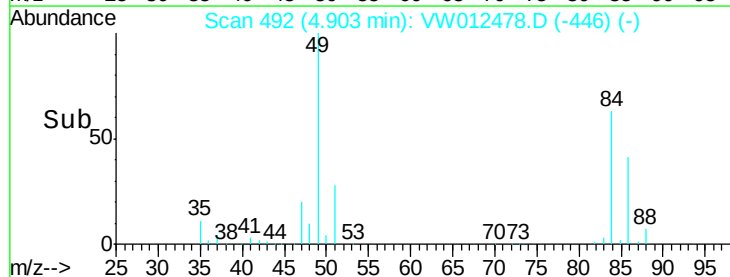
15000

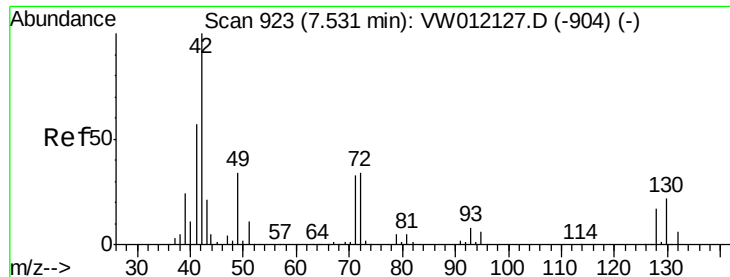
10000

5000

0

Time--> 4.80 4.90 5.00





#29

Tetrahydrofuran

Concen: 9.895 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW012478.D

Acq: 02 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-Q2-(1.9)

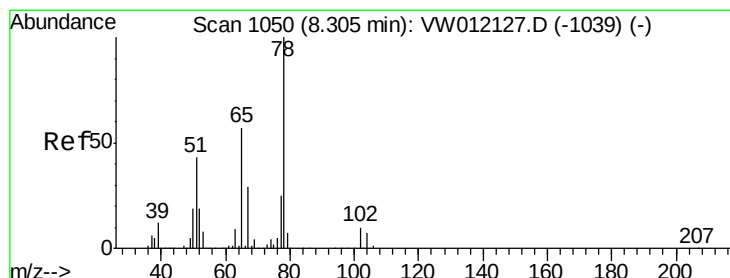
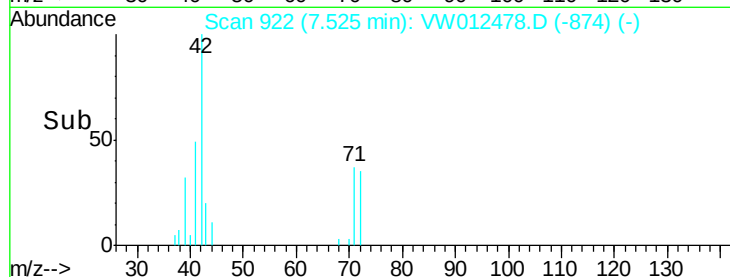
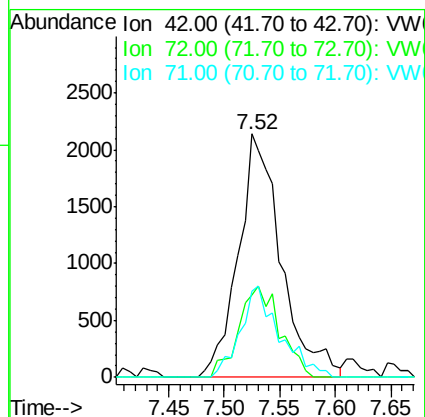
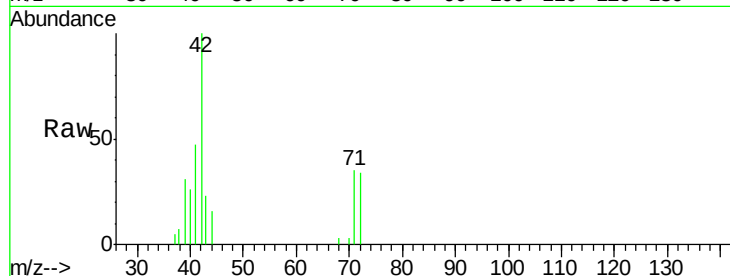
Tot Ion: 42 Resp: 5729

Ion Ratio Lower Upper

42 100

72 35.7 27.3 40.9

71 34.5 25.5 38.3



#33

1,2-Dichloroethane-d4

Concen: 55.105 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012478.D

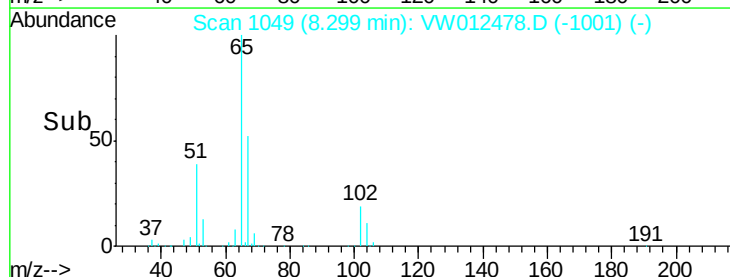
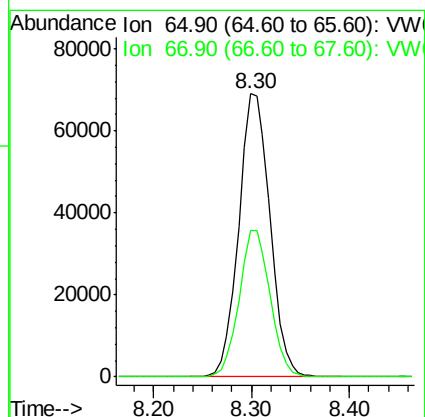
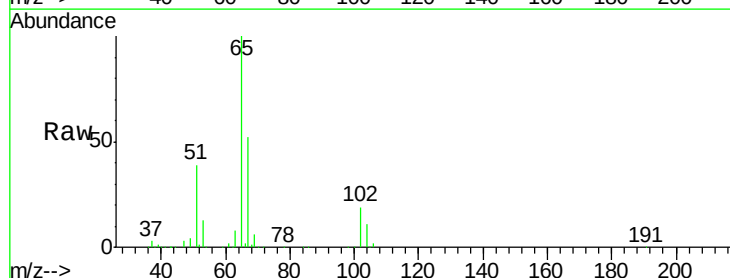
Acq: 02 Sep 2019 05:24

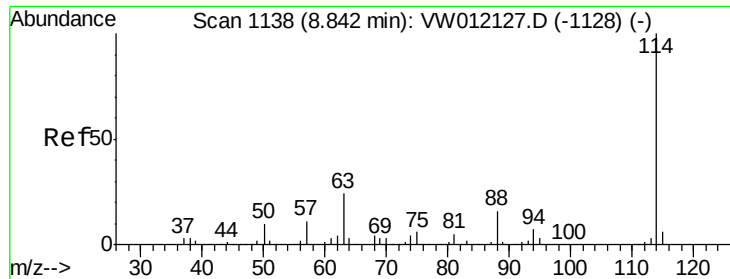
Tgt Ion: 65 Resp: 153096

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.6

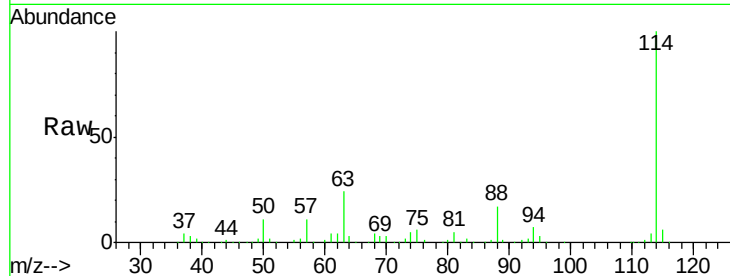




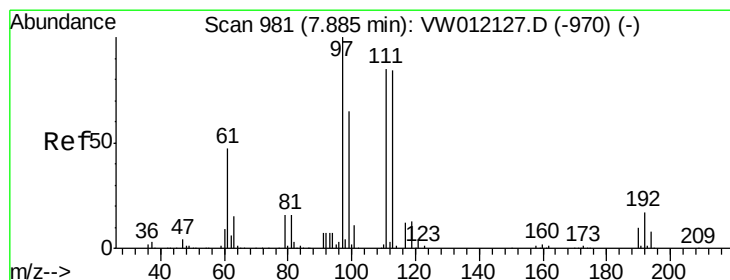
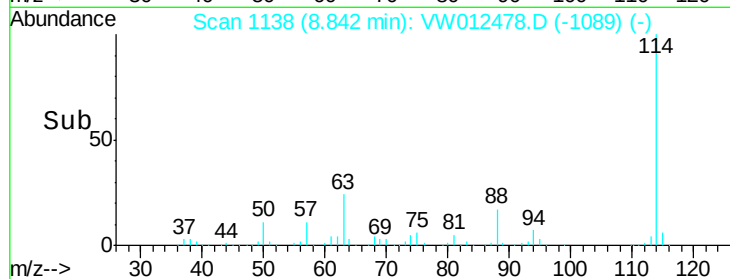
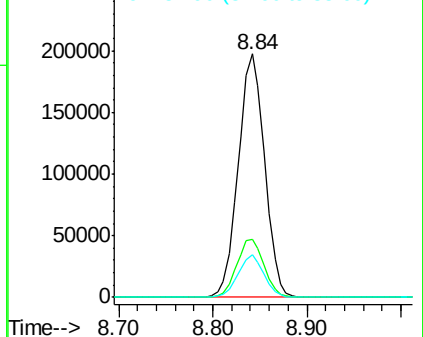
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012478.D
 Acq: 02 Sep 2019 05:24

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q2-(1.9)

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	48.6
88	17.5	0.0	32.2

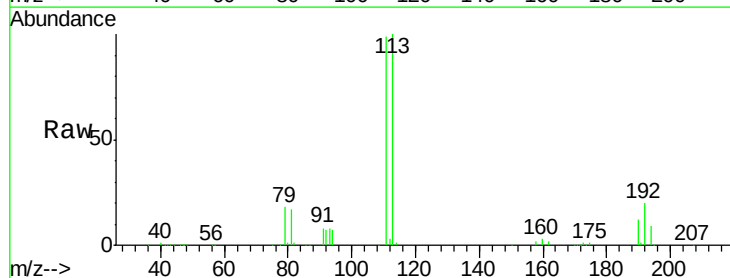


Abundance Ion 113.90 (113.60 to 114.60): V

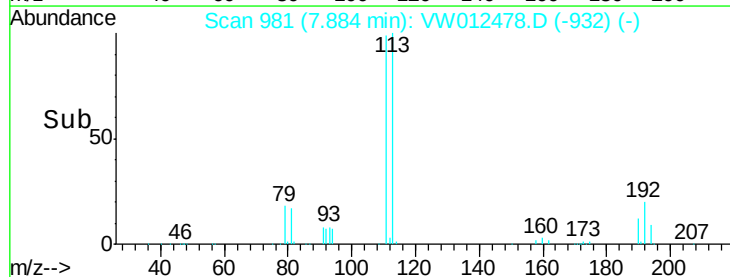
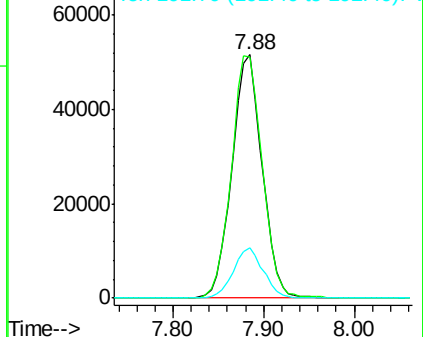


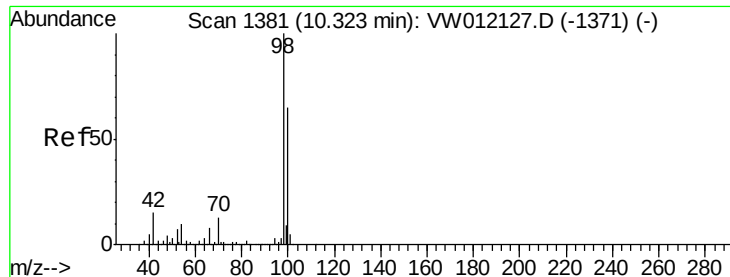
#35
 Dibromofluoromethane
 Concen: 52.364 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012478.D
 Acq: 02 Sep 2019 05:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.7	124.1
192	20.5	16.2	24.2



Abundance Ion 112.80 (112.50 to 113.50): V

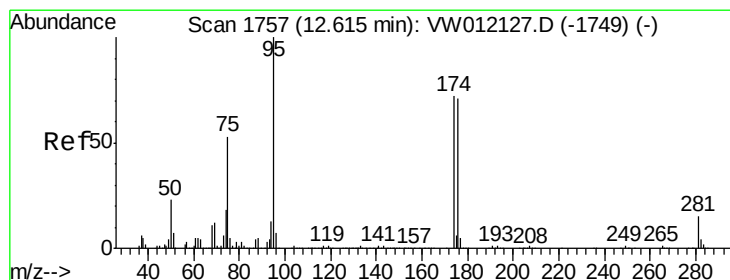
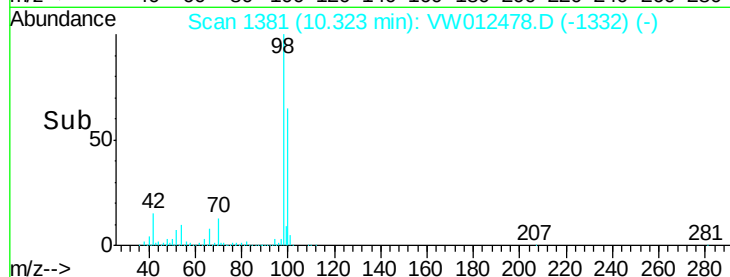
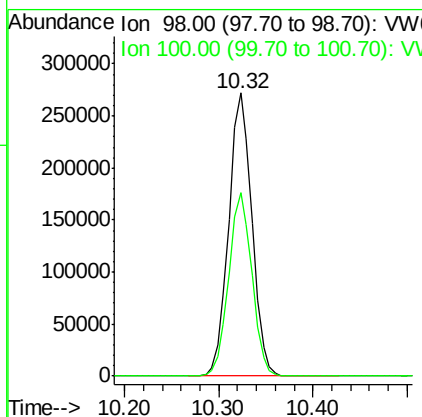
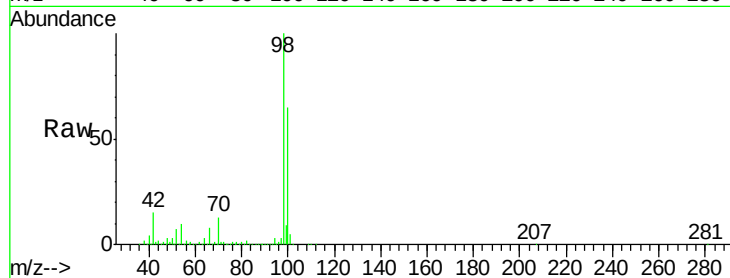




#50
Toluene-d8
Concen: 50.071 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012478.D
Acq: 02 Sep 2019 05:24

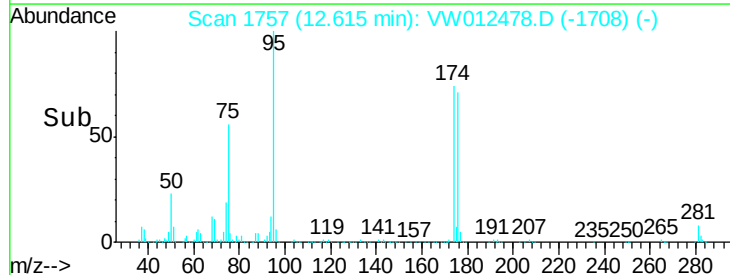
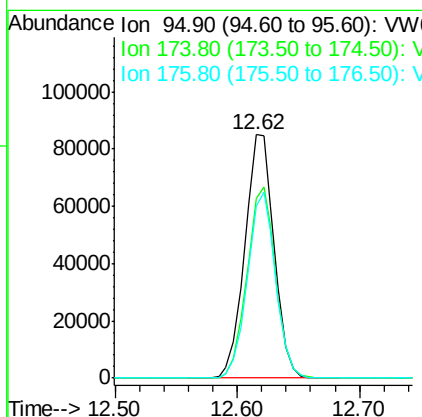
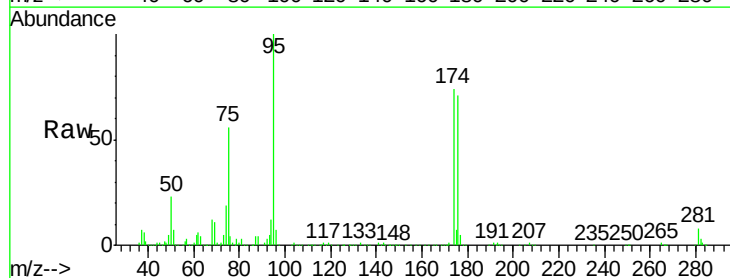
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-Q2-(1.9)

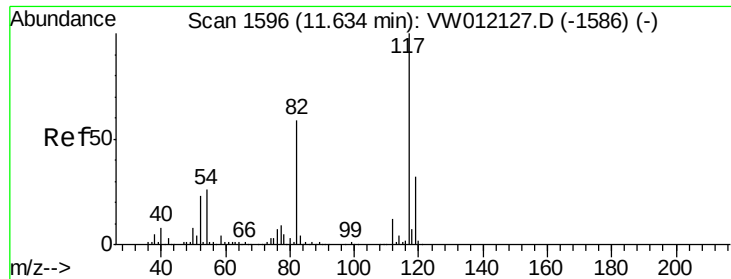
Tot Ion: 98 Resp: 464434
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 43.304 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012478.D
Acq: 02 Sep 2019 05:24

Tgt Ion: 95 Resp: 141587
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.8
176 73.3 0.0 148.6

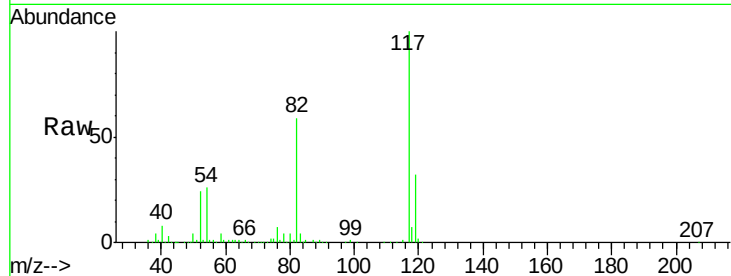




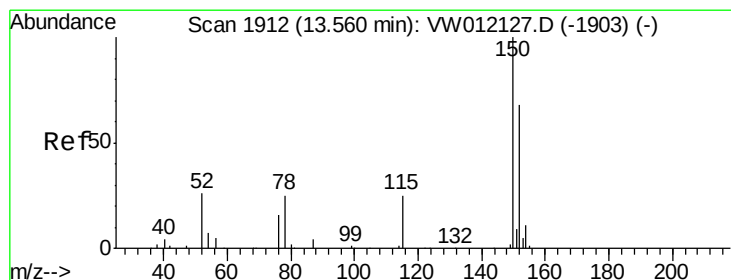
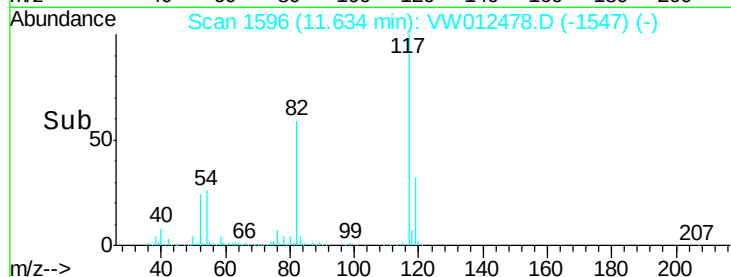
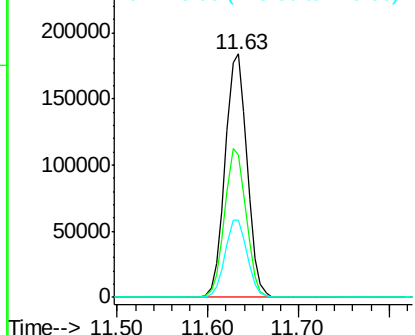
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012478.D
Acq: 02 Sep 2019 05:24

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-Q2-(1.9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.4	71.2
119	31.8	25.4	38.2

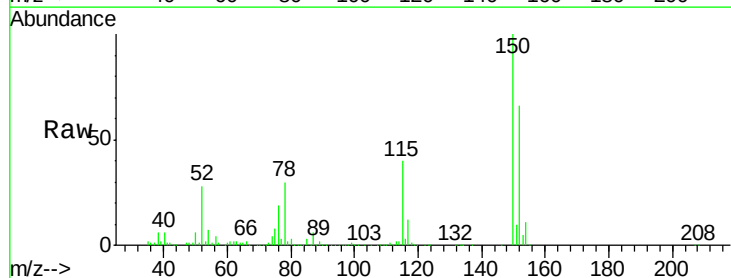


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012478.D
Acq: 02 Sep 2019 05:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.1	90.3
150	156.6	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

