

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012503.D
 Acq On : 02 Sep 2019 17:02
 Operator : SY/VA
 Sample : K4529-01
 Misc : 4.79G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-T2-(0)

Quant Time: Sep 03 08:19:12 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

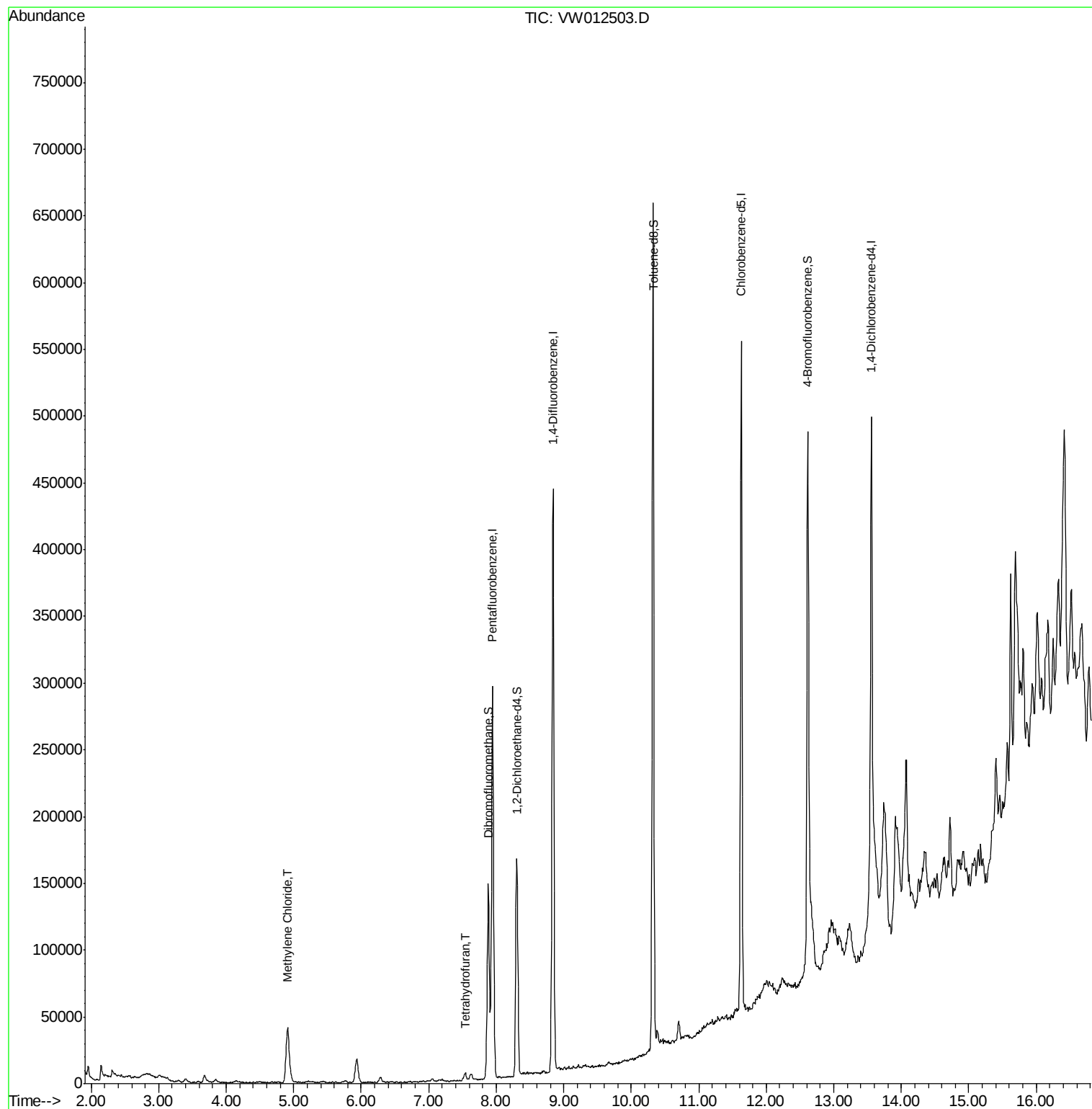
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132991	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	7.88	113	103906	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.32	98	405415	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	12.62	95	130324	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
Target Compounds						
20) Methylene Chloride	4.91	84	31132	12.649	ug/l	97
29) Tetrahydrofuran	7.54	42	5139	9.682	ug/l #	88

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

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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: VW012503.D

Acq: 02 Sep 2019 17:02

Instrument :

MSVOA_W

ClientSampleId :

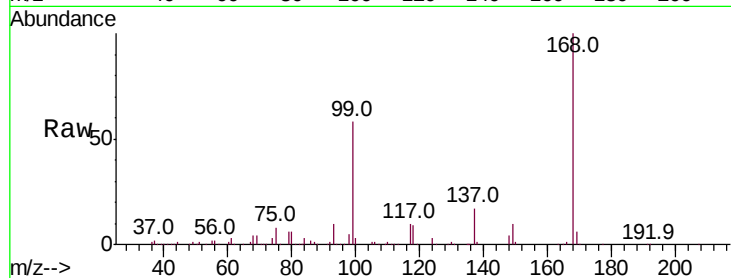
T9-12-13-T2-(0)

Tot Ion:168 Resp: 214252

Ion Ratio Lower Upper

168 100

99 58.2 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

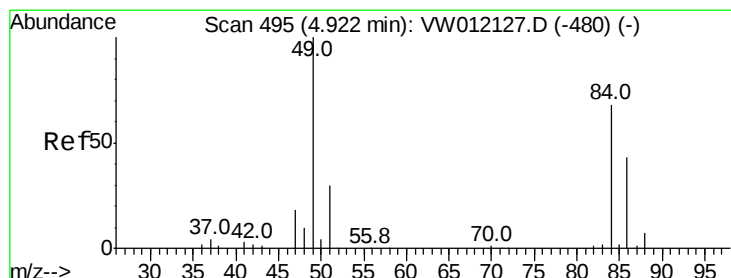
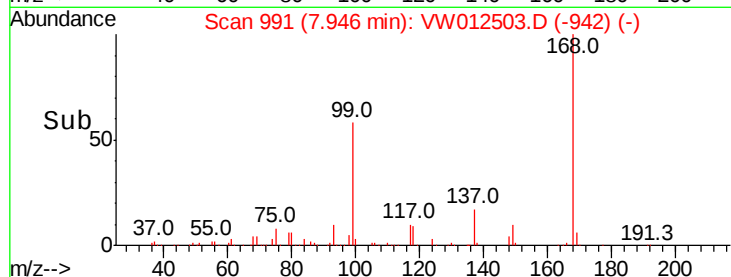
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 12.649 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012503.D

Acq: 02 Sep 2019 17:02

Tgt Ion: 84 Resp: 31132

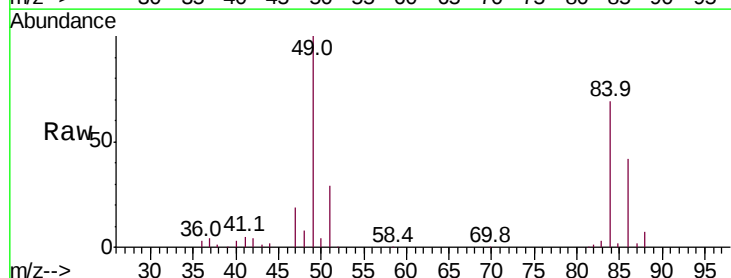
Ion Ratio Lower Upper

84 100

49 145.0 117.8 176.8

51 41.7 35.6 53.4

86 60.6 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

20000

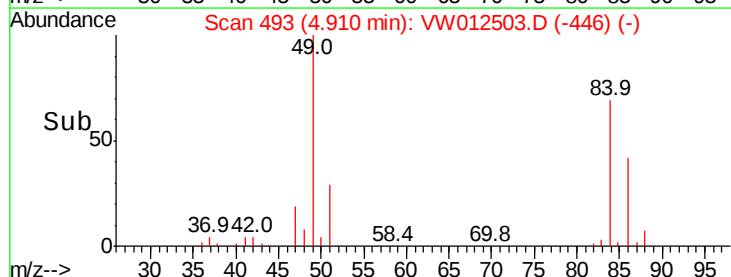
15000

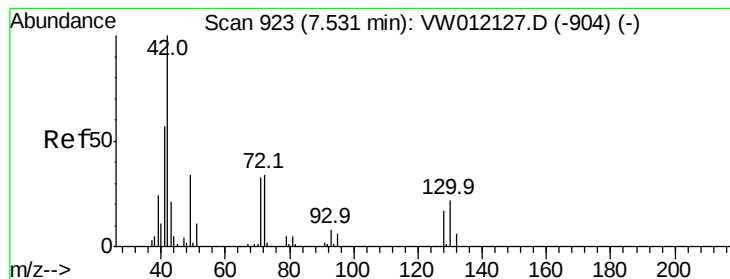
10000

5000

0

Time--> 4.80 4.90 5.00 5.10





#29

Tetrahydrofuran

Concen: 9.682 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012503.D

Acq: 02 Sep 2019 17:02

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-T2-(0)

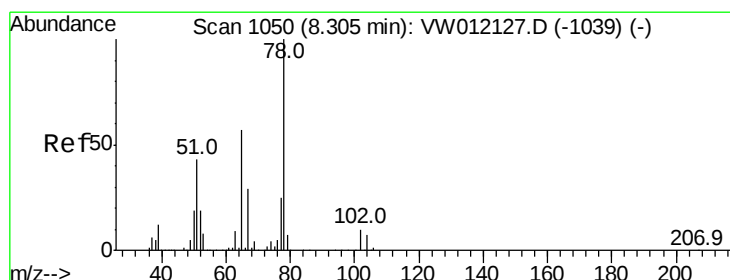
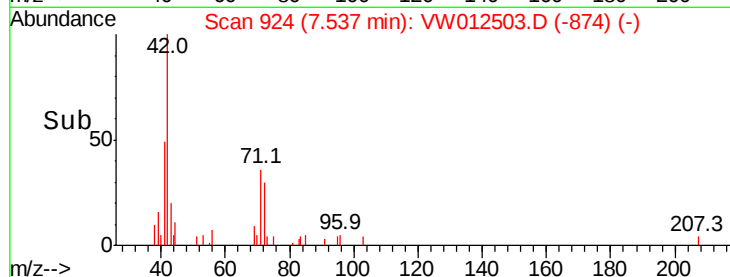
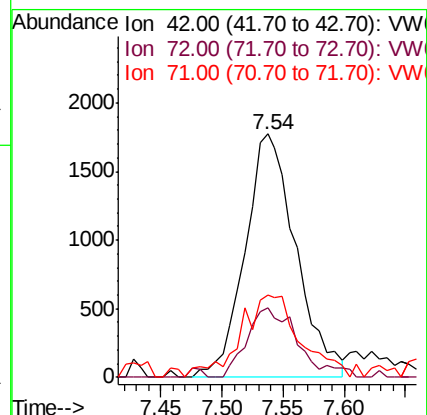
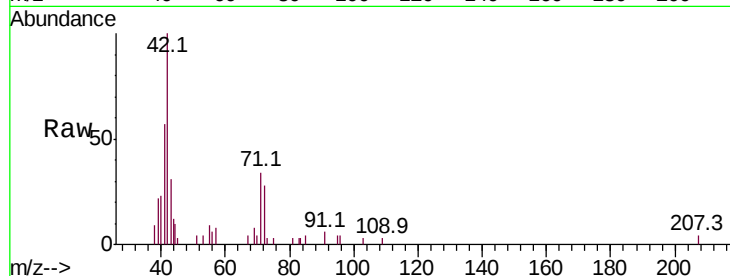
Tot Ion: 42 Resp: 5139

Ion Ratio Lower Upper

42 100

72 28.4 27.3 40.9

71 39.4 25.5 38.3#



#33

1,2-Dichloroethane-d4

Concen: 52.216 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012503.D

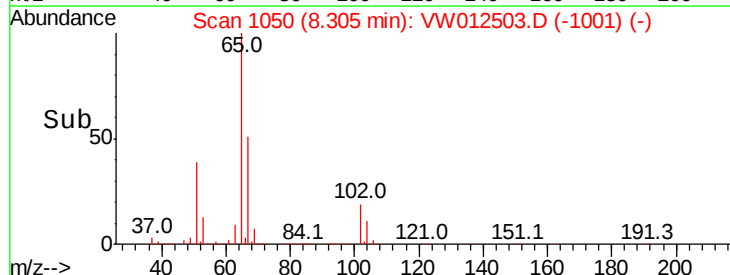
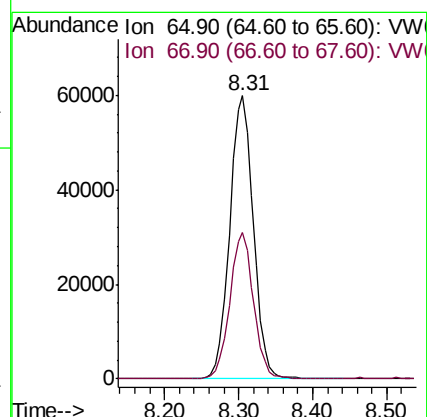
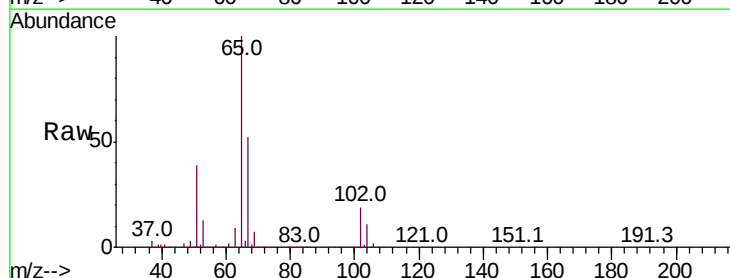
Acq: 02 Sep 2019 17:02

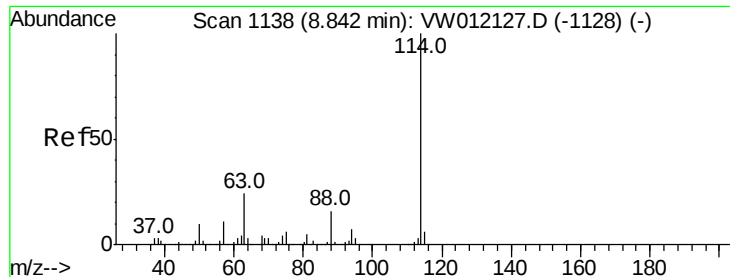
Tgt Ion: 65 Resp: 132991

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.6

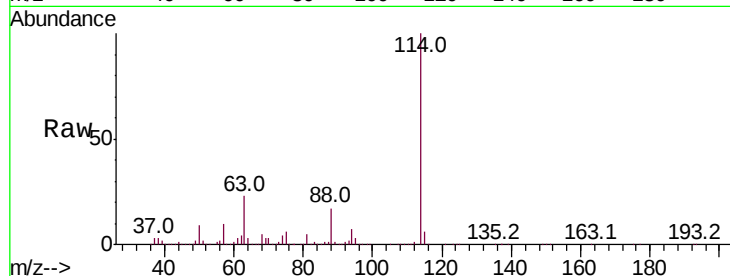




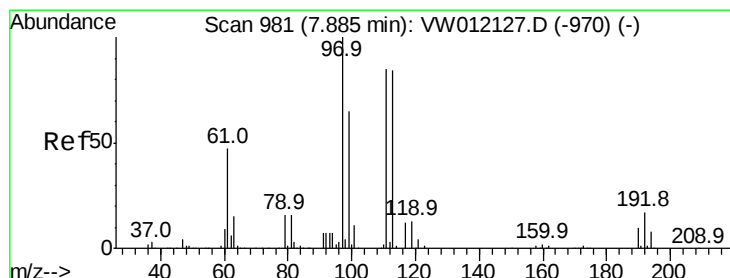
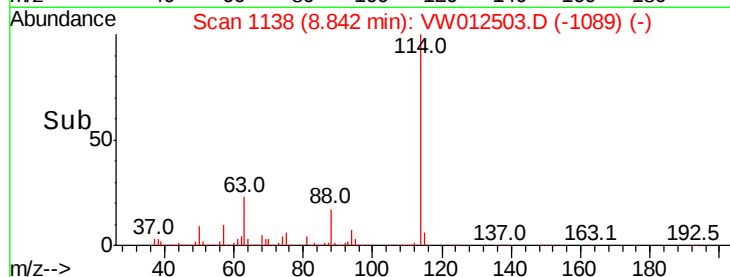
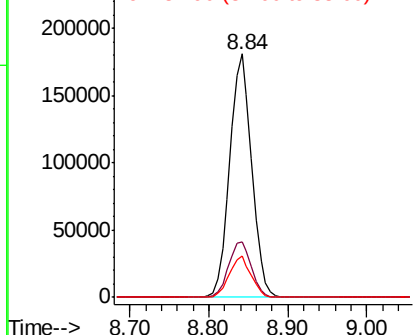
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012503.D
 Acq: 02 Sep 2019 17:02

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-T2-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	48.6
88	16.8	0.0	32.2

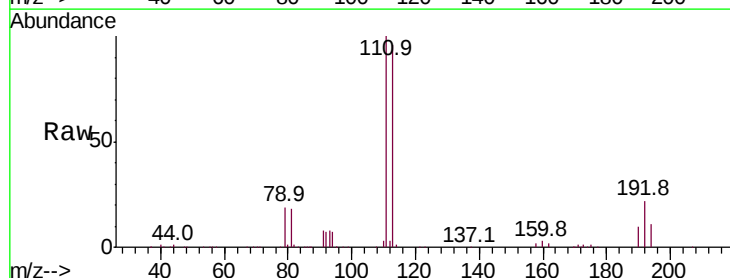


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

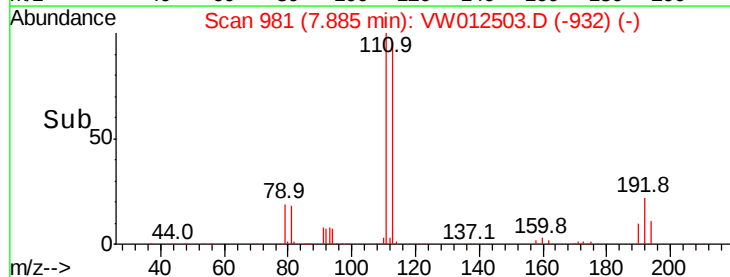
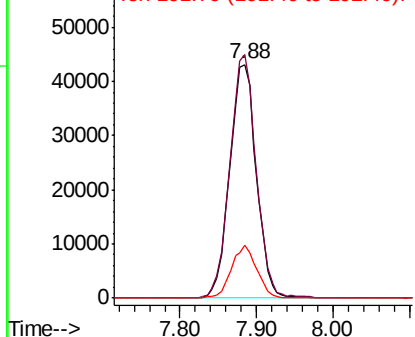


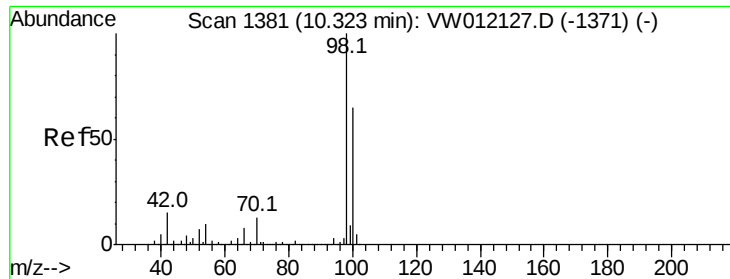
#35
 Dibromofluoromethane
 Concen: 49.771 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012503.D
 Acq: 02 Sep 2019 17:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.7	124.1
192	21.3	16.2	24.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.893 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012503.D

Acq: 02 Sep 2019 17:02

Instrument :

MSVOA_W

ClientSampleId :

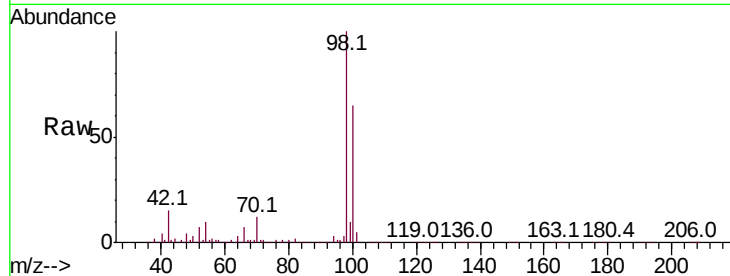
T9-12-13-T2-(0)

Tot Ion: 98 Resp: 405415

Ion Ratio Lower Upper

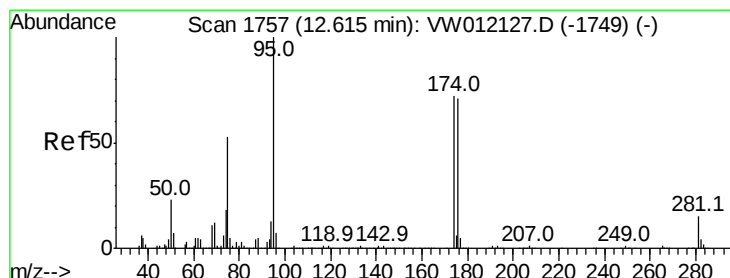
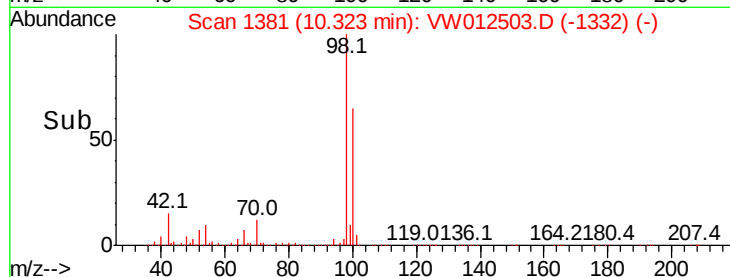
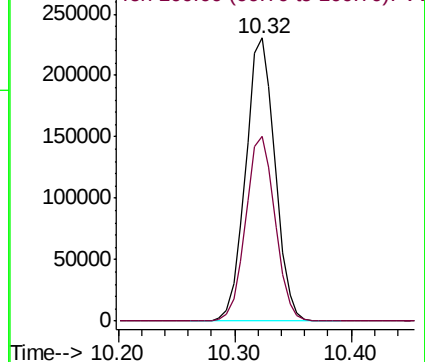
98 100

100 65.4 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: 43.676 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012503.D

Acq: 02 Sep 2019 17:02

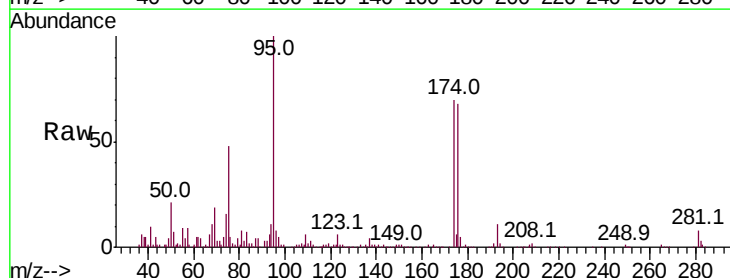
Tgt Ion: 95 Resp: 130324

Ion Ratio Lower Upper

95 100

174 67.3 0.0 150.8

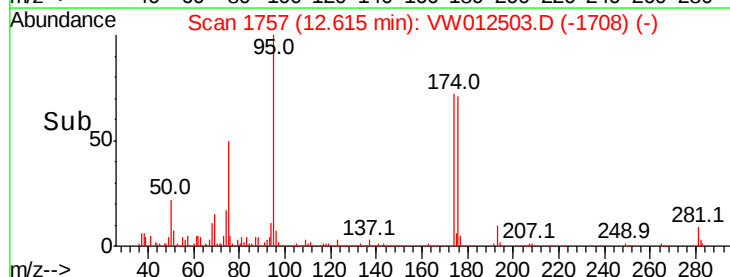
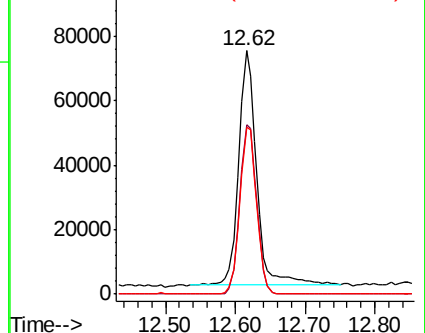
176 66.0 0.0 148.6

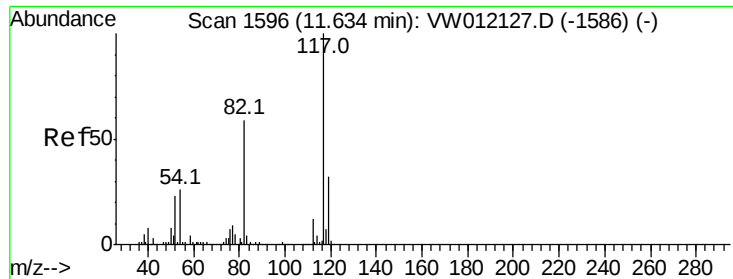


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

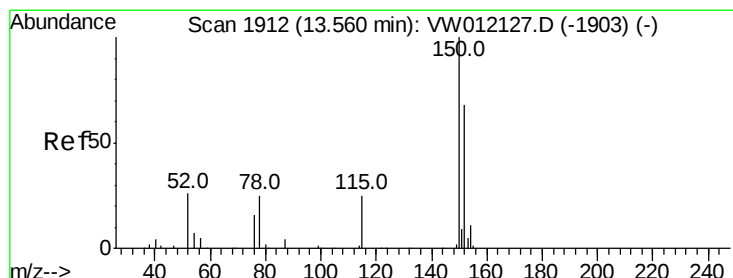
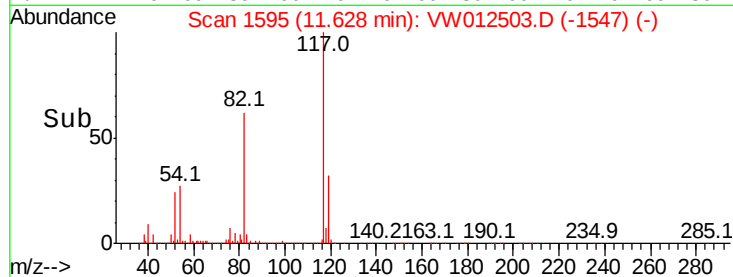
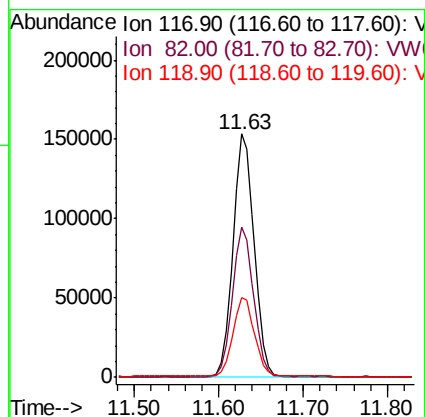
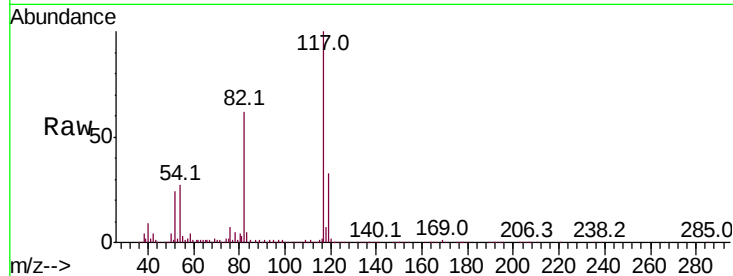




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012503.D
Acq: 02 Sep 2019 17:02

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-T2-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.6	47.4	71.2
119	32.4	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: VW012503.D
Acq: 02 Sep 2019 17:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	30.1	90.3
150	150.9	0.0	345.8

