

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012507.D
 Acq On : 02 Sep 2019 18:45
 Operator : SY/VA
 Sample : K4529-05RE
 Misc : 3.76G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-T2-(1.9)RE

Quant Time: Sep 03 08:26:22 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

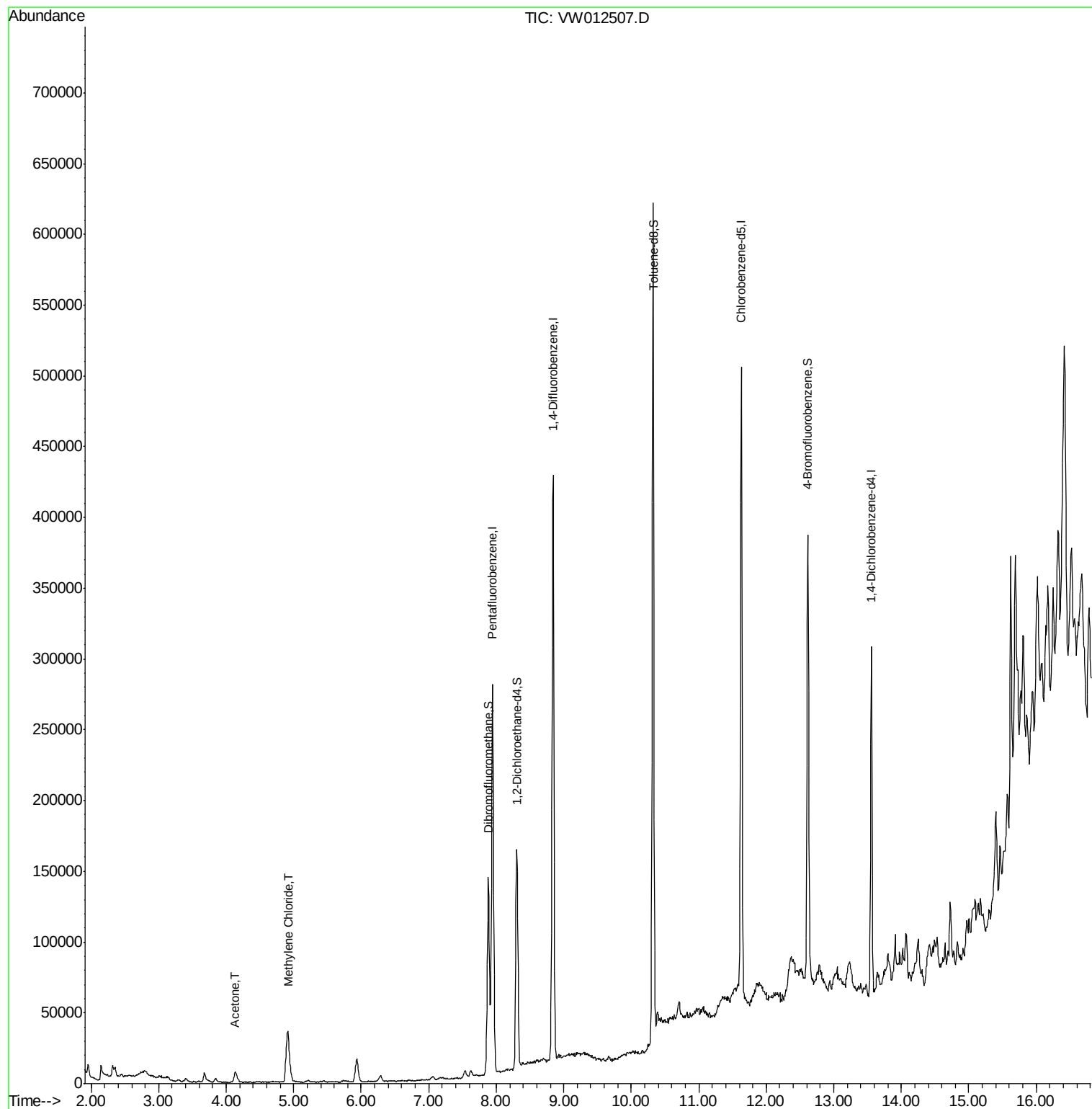
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	239099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	63450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	126009	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
35) Dibromofluoromethane	7.88	113	98530	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
50) Toluene-d8	10.32	98	379154	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
62) 4-Bromofluorobenzene	12.62	95	98344	34.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.26%	
Target Compounds						
16) Acetone	4.14	43	15897	25.796	ug/l	89
20) Methylene Chloride	4.92	84	29096	12.489	ug/l	95

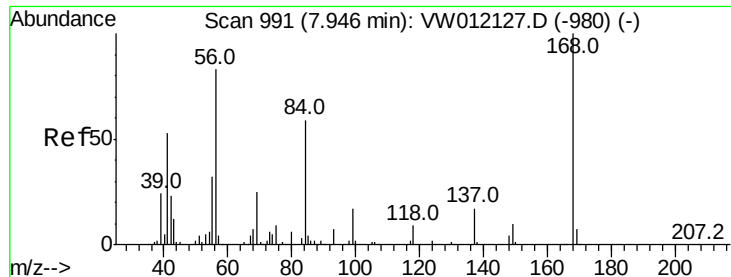
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012507.D

Acq: 02 Sep 2019 18:45

Instrument :

MSVOA_W

ClientSampleId :

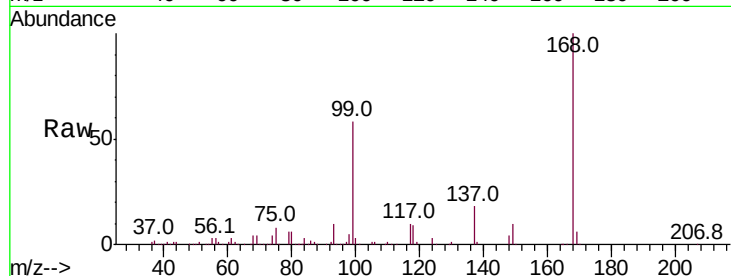
T9-12-13-T2-(1.9)RE

Tot Ion:168 Resp: 202803

Ion Ratio Lower Upper

168 100

99 57.8 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

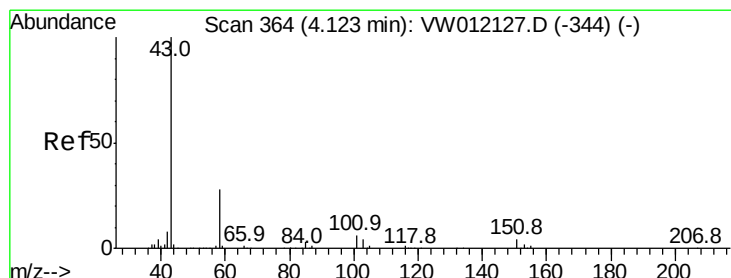
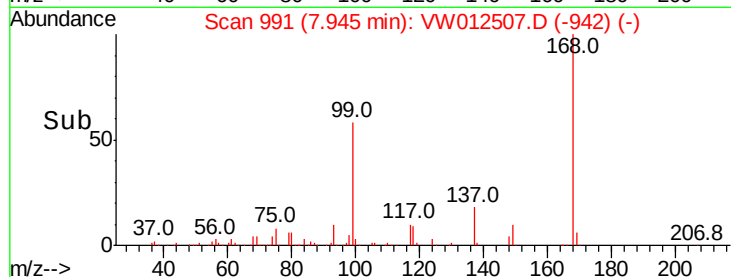
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 25.796 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012507.D

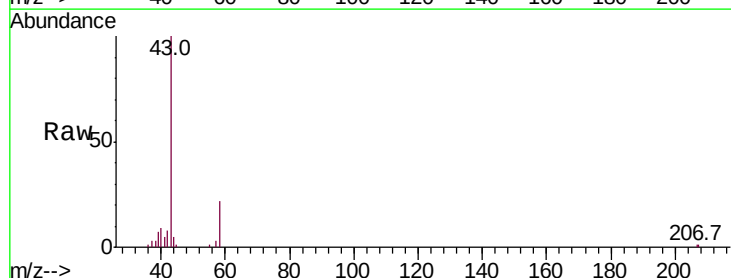
Acq: 02 Sep 2019 18:45

Tgt Ion: 43 Resp: 15897

Ion Ratio Lower Upper

43 100

58 22.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

5000

4000

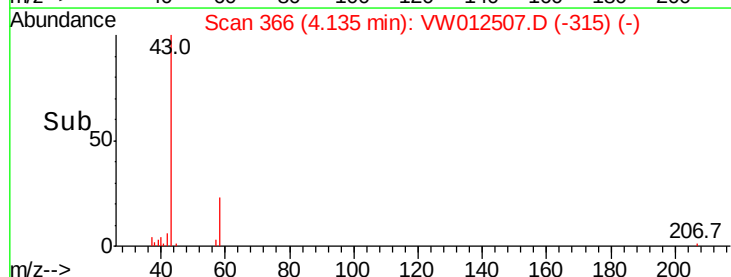
3000

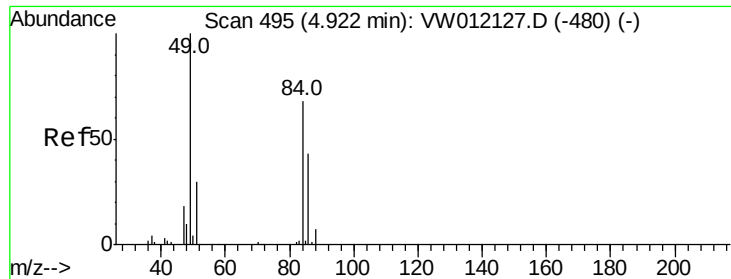
2000

1000

0

Time--> 4.00 4.10 4.20 4.30

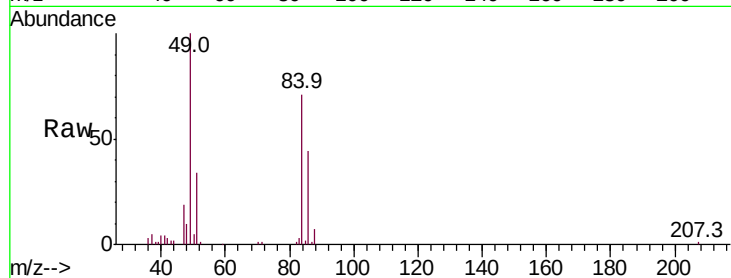




#20
Methylene Chloride
Concen: 12.489 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012507.D
Acq: 02 Sep 2019 18:45

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-T2-(1.9)RE

Tot Ion:	84	Resp:	29096
Ion	Ratio	Lower	Upper
84	100		
49	140.0	117.8	176.8
51	47.7	35.6	53.4
86	61.6	51.2	76.8



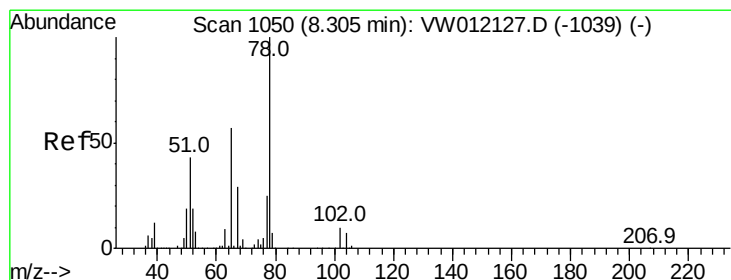
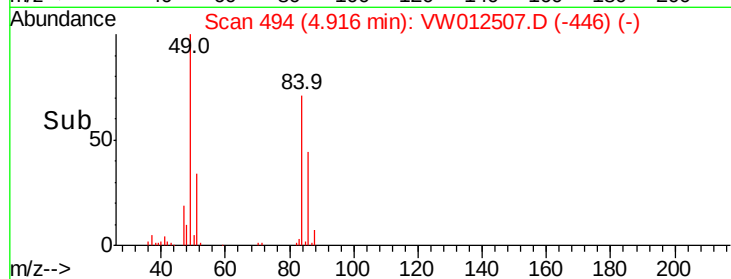
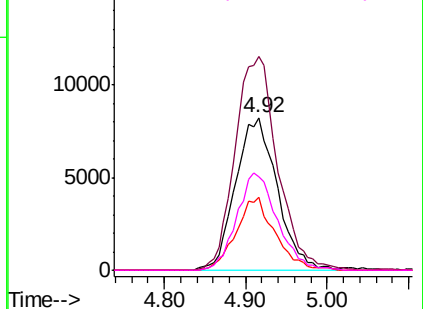
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

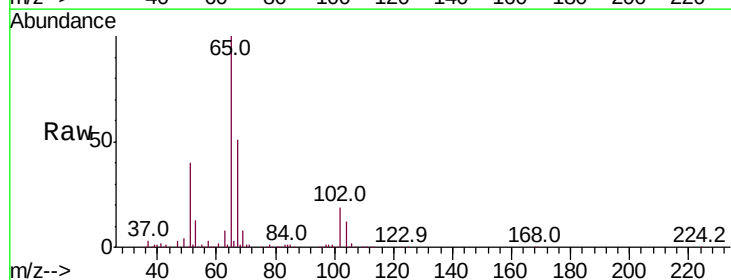
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33
1,2-Dichloroethane-d4
Concen: 52.268 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012507.D
Acq: 02 Sep 2019 18:45

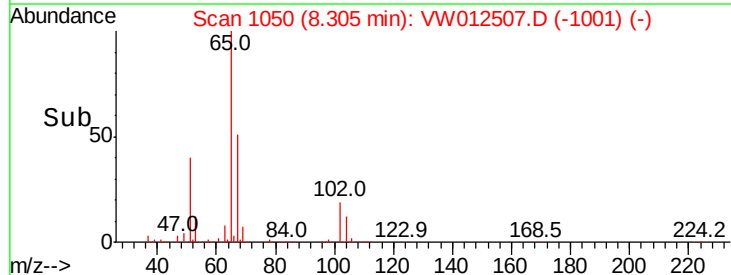
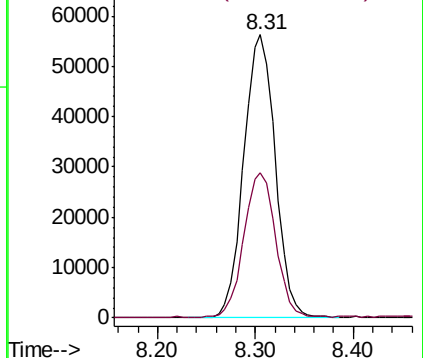
Tgt Ion:	65	Resp:	126009
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.6

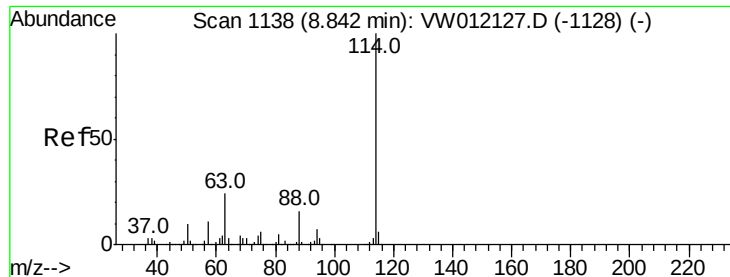


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

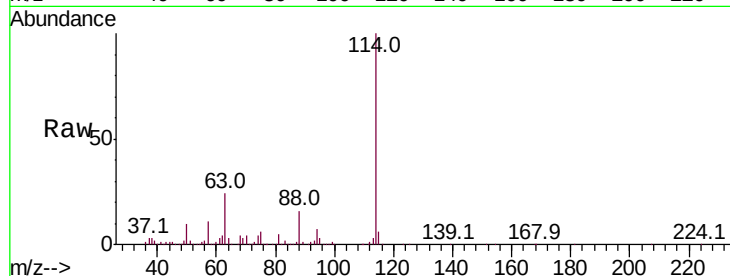




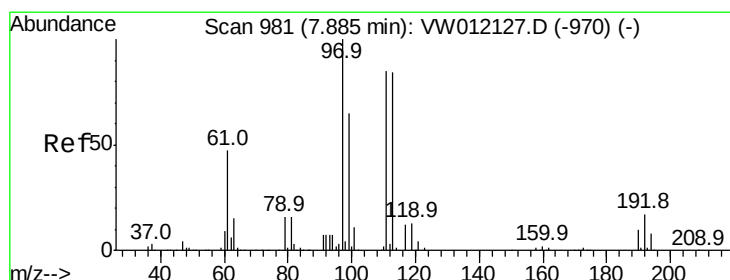
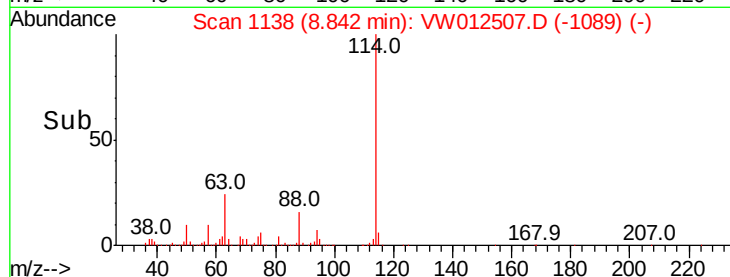
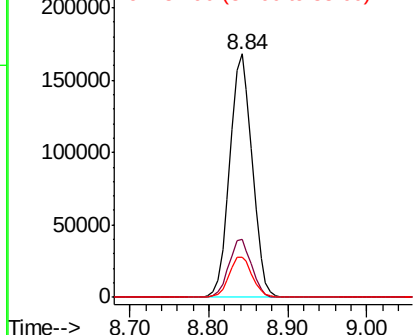
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012507.D
 Acq: 02 Sep 2019 18:45

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-T2-(1.9)RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	48.6
88	16.4	0.0	32.2

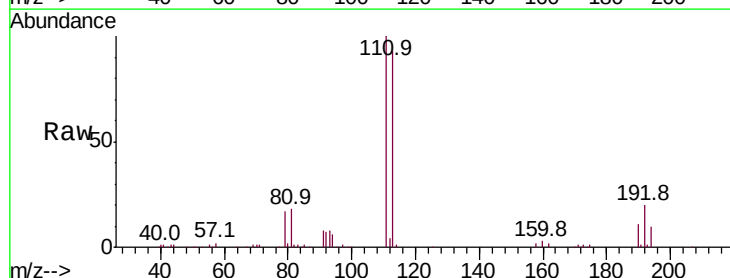


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

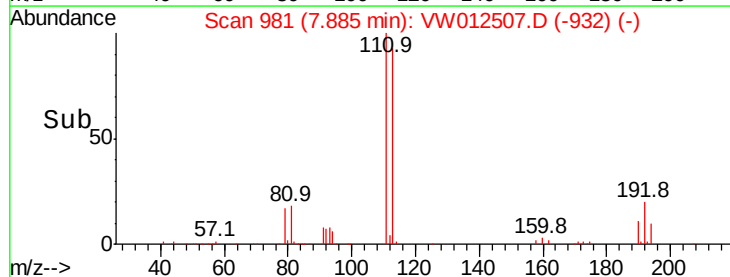
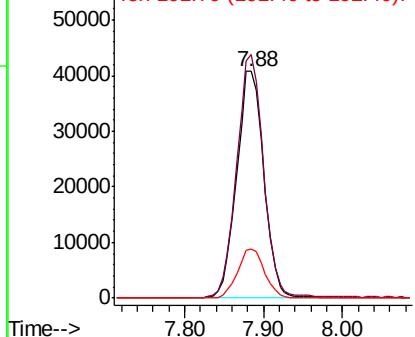


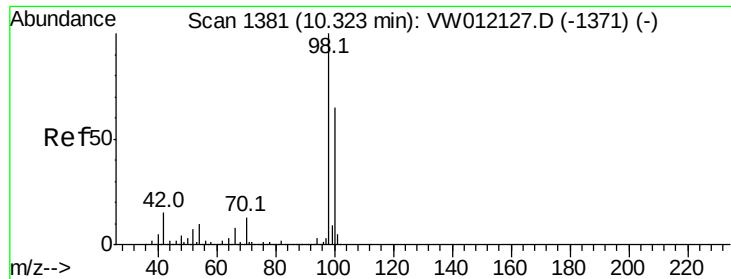
#35
 Dibromofluoromethane
 Concen: 49.593 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012507.D
 Acq: 02 Sep 2019 18:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.7	124.1
192	21.2	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: 47.066 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012507.D

Acq: 02 Sep 2019 18:45

Instrument :

MSVOA_W

ClientSampleId :

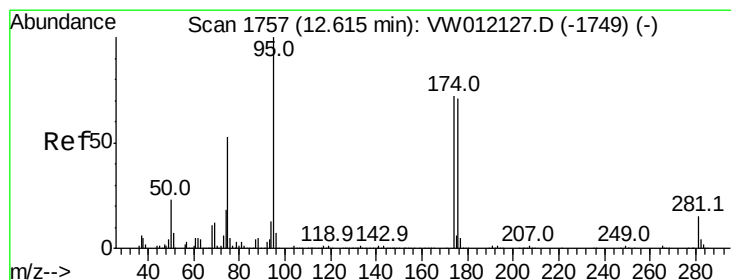
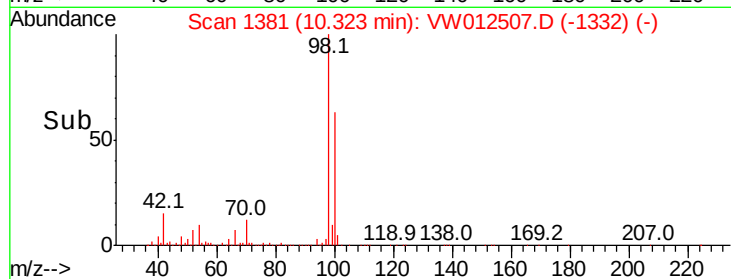
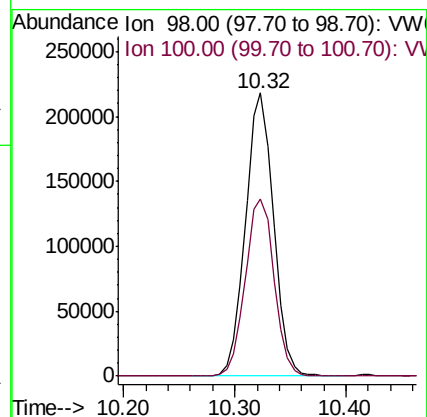
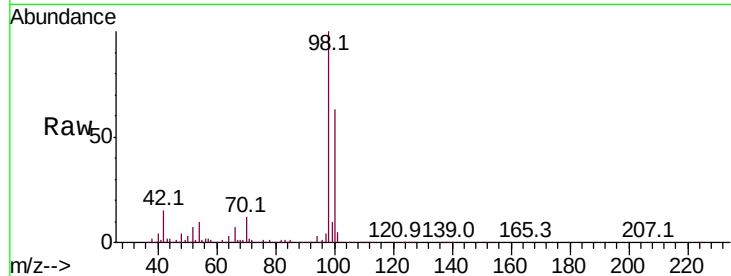
T9-12-13-T2-(1.9)RE

Tot Ion: 98 Resp: 379154

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 34.632 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012507.D

Acq: 02 Sep 2019 18:45

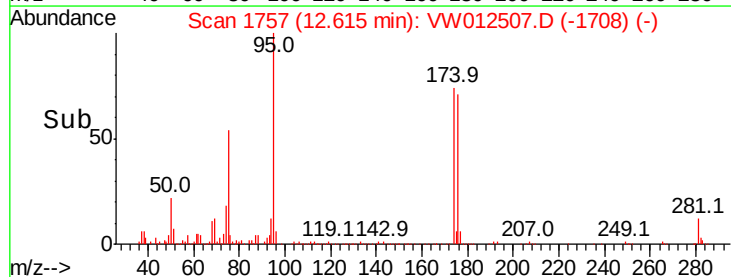
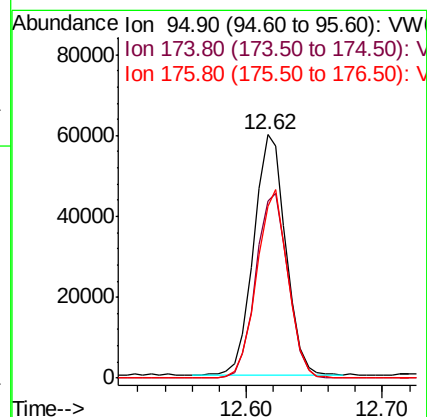
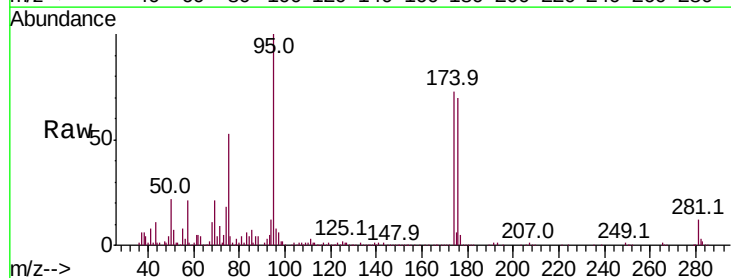
Tgt Ion: 95 Resp: 98344

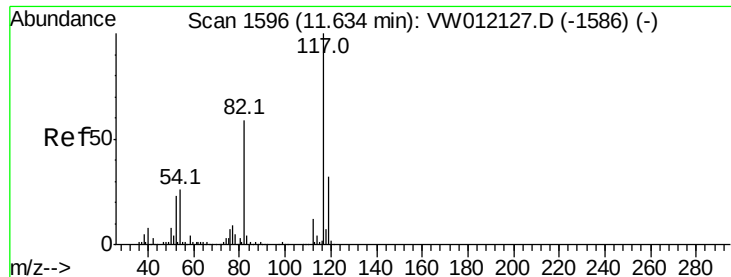
Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.8

176 76.2 0.0 148.6

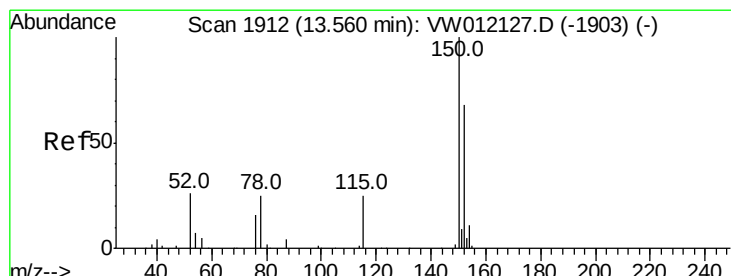
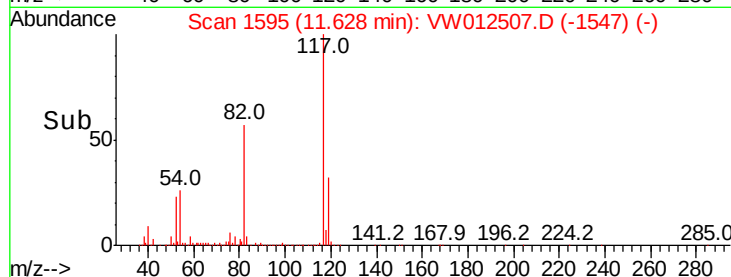
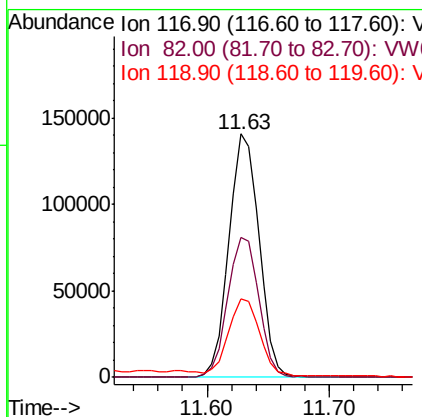
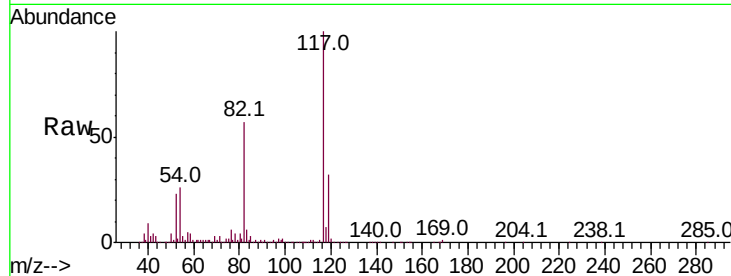




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012507.D
Acq: 02 Sep 2019 18:45

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-T2-(1.9)RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	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: VW012507.D
Acq: 02 Sep 2019 18:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.1	90.3
150	157.2	0.0	345.8

