

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012525.D
 Acq On : 03 Sep 2019 03:40
 Operator : SY/VA
 Sample : K4544-12
 Misc : 6.12G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C2-(0)

Quant Time: Sep 03 08:24:37 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

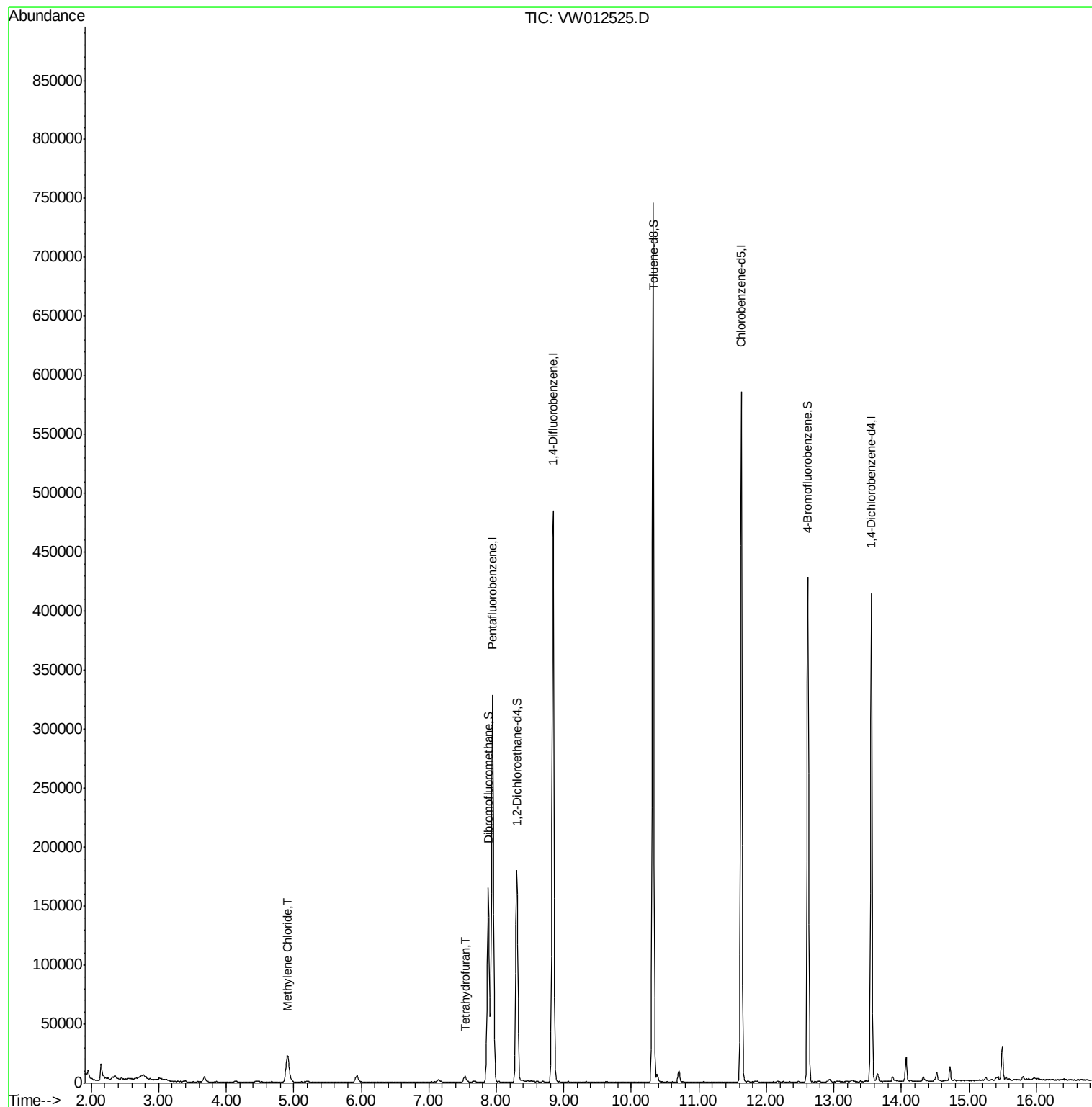
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	107256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	144762	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
35) Dibromofluoromethane	7.88	113	118373	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
50) Toluene-d8	10.32	98	465657	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.62	95	135321	40.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.40%	
Target Compounds						
20) Methylene Chloride	4.91	84	17115	6.094	ug/l	96
29) Tetrahydrofuran	7.53	42	4561	7.530	ug/l	92

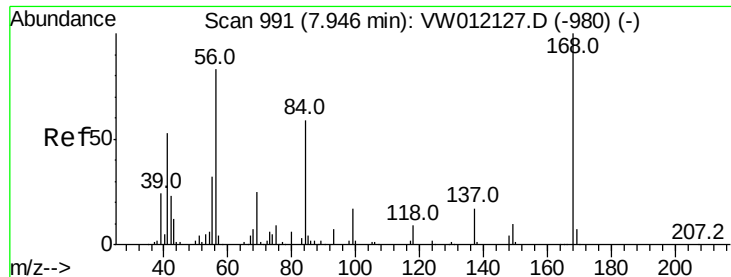
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW012525.D

Acq: 03 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

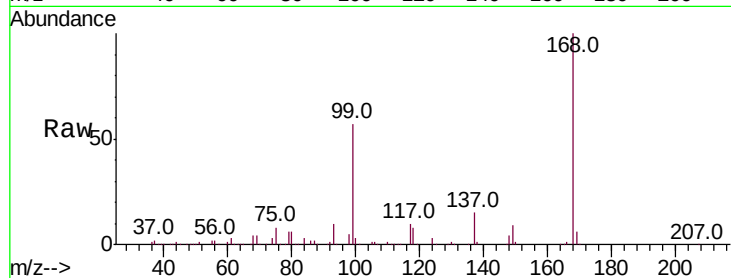
T16-17-C2-(0)

Tot Ion:168 Resp: 244485

Ion Ratio Lower Upper

168 100

99 56.6 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

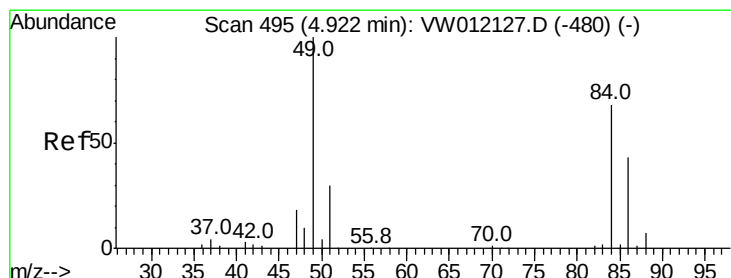
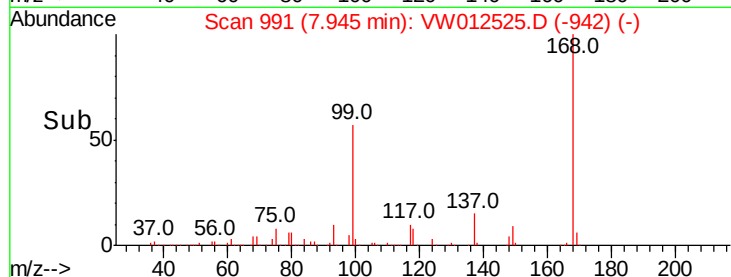
40000

20000

0

7.90 8.00

Time-->



#20

Methylene Chloride

Concen: 6.094 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012525.D

Acq: 03 Sep 2019 03:40

Tgt Ion: 84 Resp: 17115

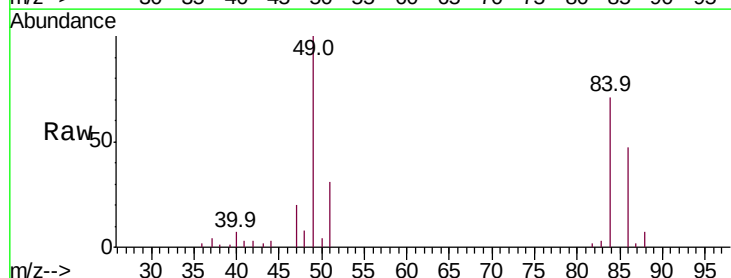
Ion Ratio Lower Upper

84 100

49 141.8 117.8 176.8

51 43.7 35.6 53.4

86 66.6 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

12000

10000

8000

6000

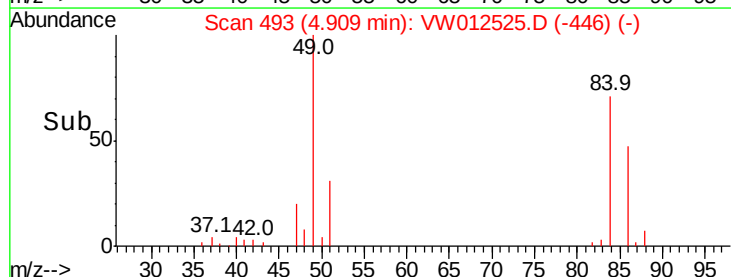
4000

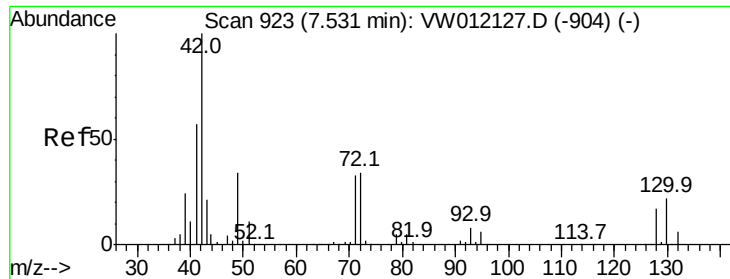
2000

0

4.80 4.90 5.00

Time-->

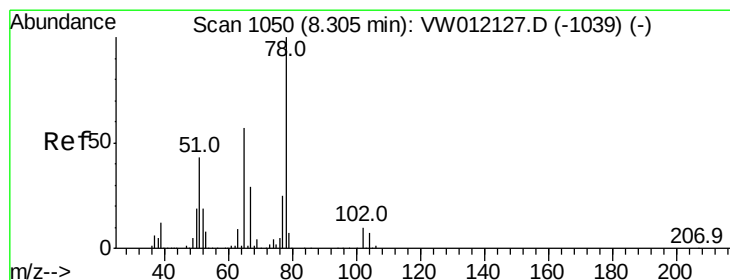
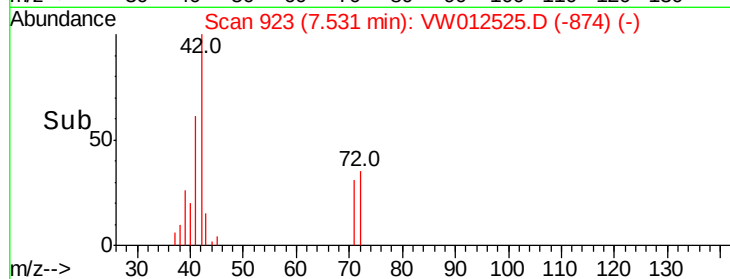
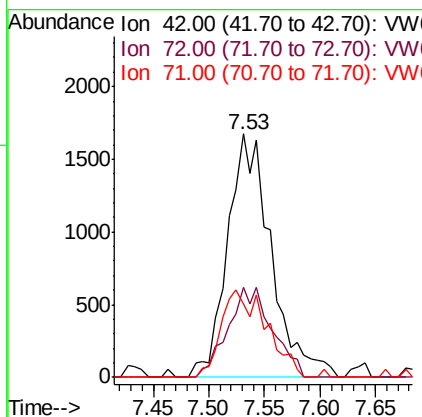
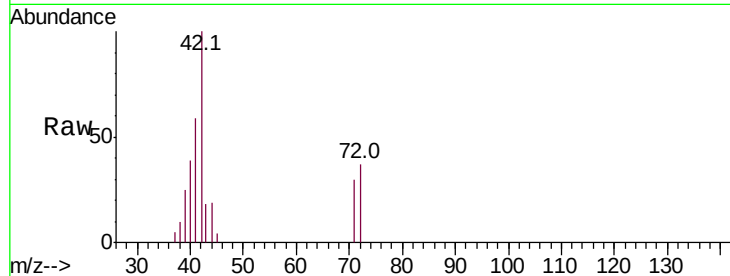




#29
Tetrahydrofuran
Concen: 7.530 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012525.D
Acq: 03 Sep 2019 03:40

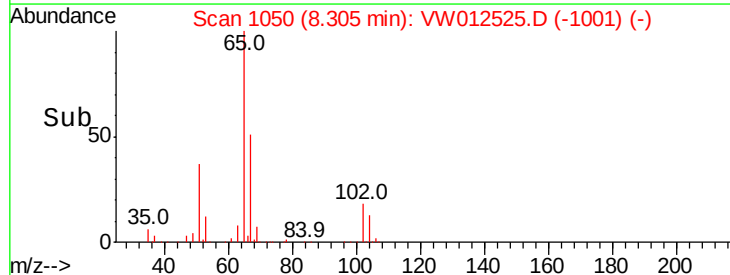
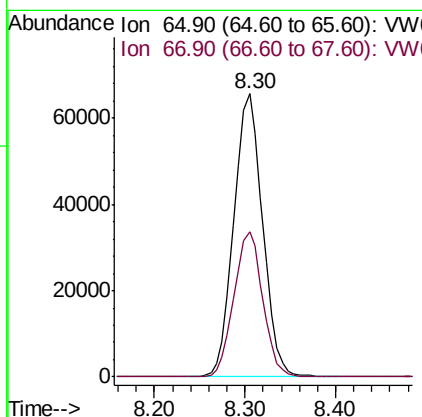
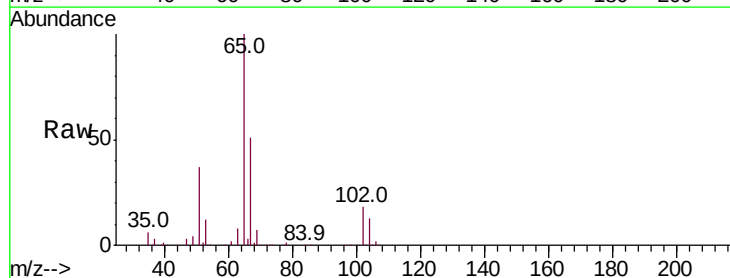
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C2-(0)

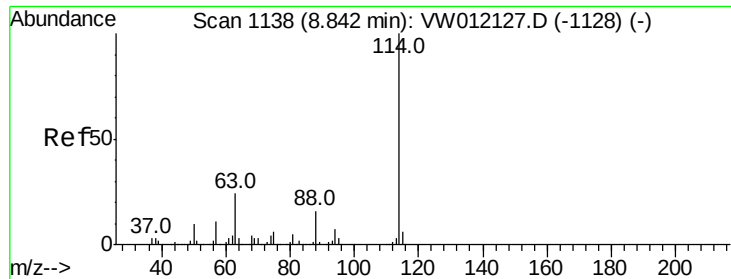
Tot Ion: 42 Resp: 4561
Ion Ratio Lower Upper
42 100
72 37.4 27.3 40.9
71 37.3 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 49.809 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012525.D
Acq: 03 Sep 2019 03:40

Tgt Ion: 65 Resp: 144762
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.6

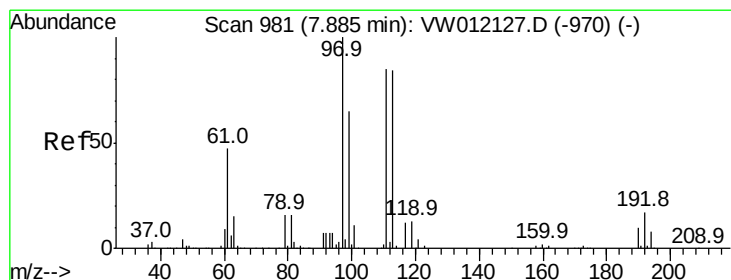
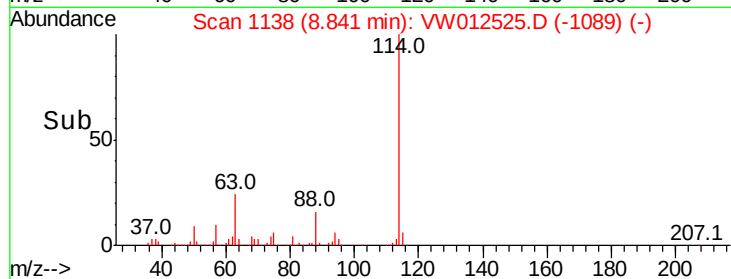
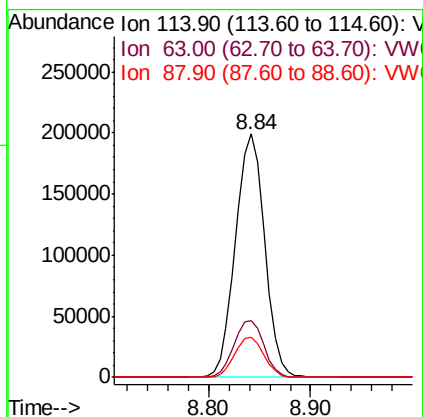
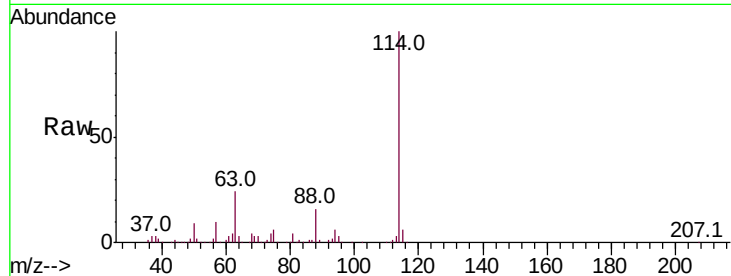




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012525.D
Acq: 03 Sep 2019 03:40

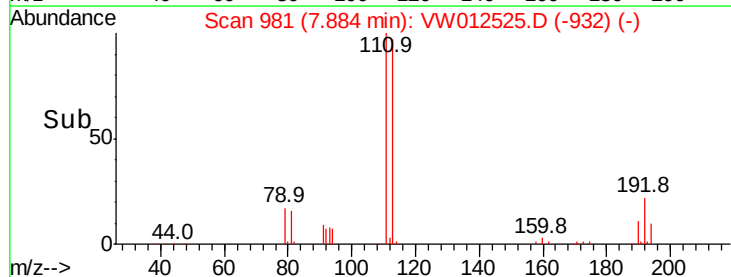
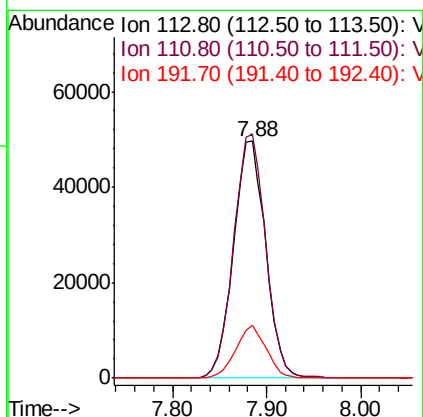
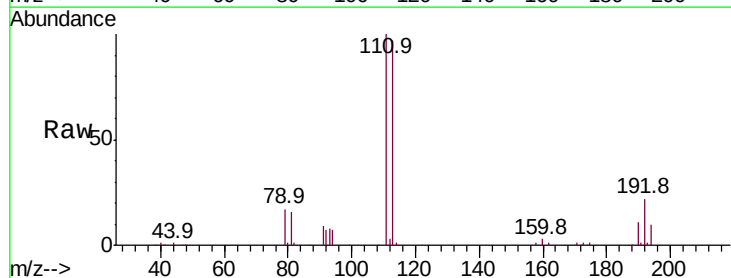
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C2-(0)

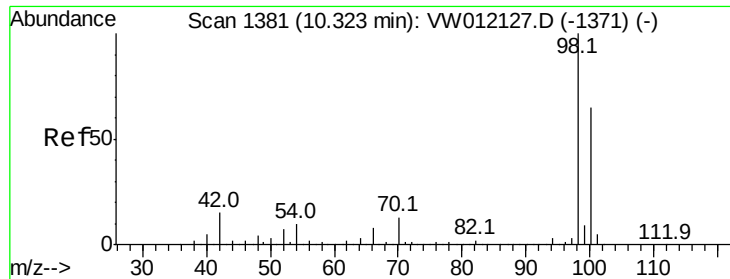
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	48.6
88	16.2	0.0	32.2



#35
Dibromofluoromethane
Concen: 50.257 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012525.D
Acq: 03 Sep 2019 03:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.7	124.1
192	21.0	16.2	24.2





#50

Toluene-d8

Concen: 48.758 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012525.D

Acq: 03 Sep 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

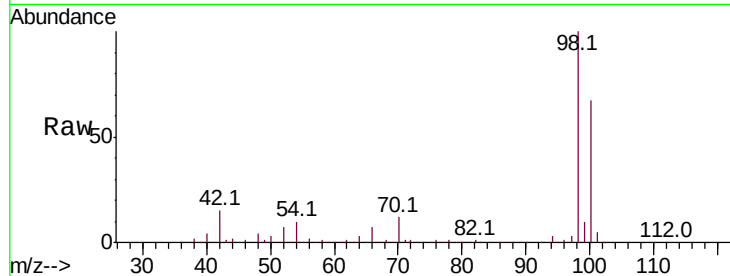
T16-17-C2-(0)

Tot Ion: 98 Resp: 465657

Ion Ratio Lower Upper

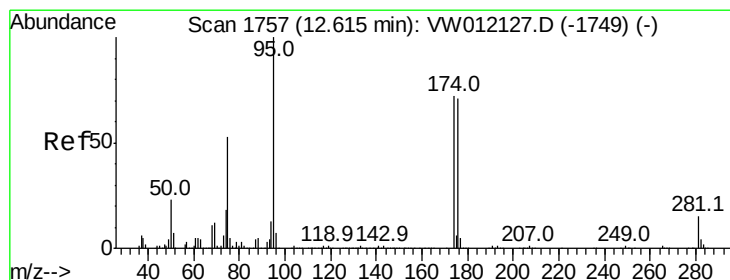
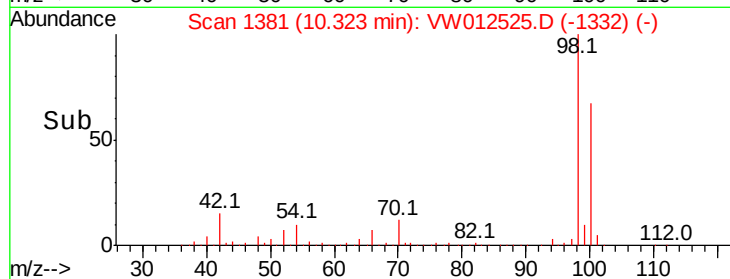
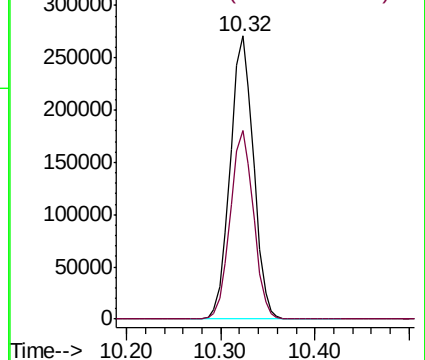
98 100

100 66.2 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: 40.197 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012525.D

Acq: 03 Sep 2019 03:40

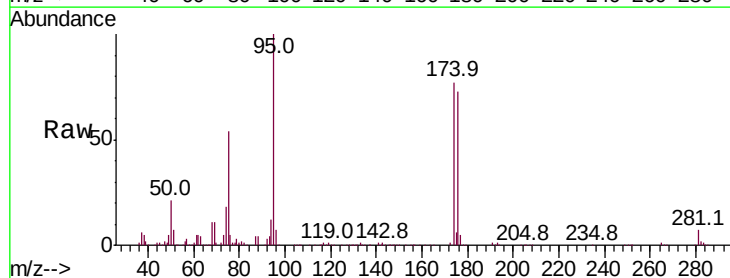
Tgt Ion: 95 Resp: 135321

Ion Ratio Lower Upper

95 100

174 79.8 0.0 150.8

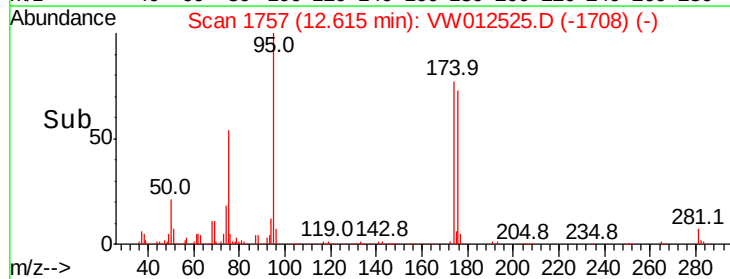
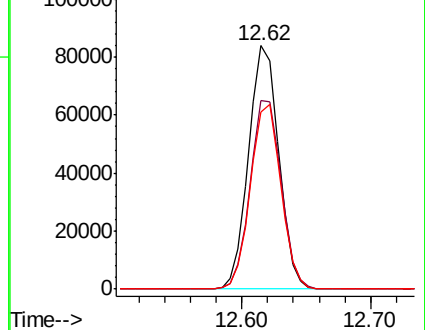
176 76.6 0.0 148.6

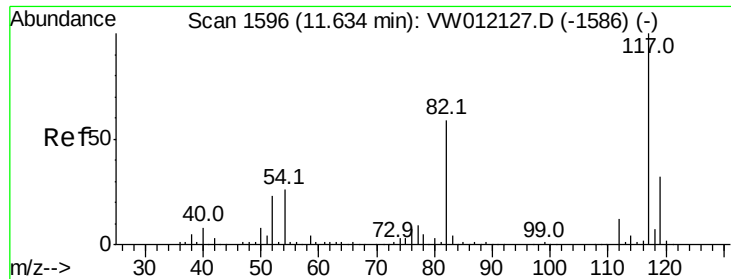


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

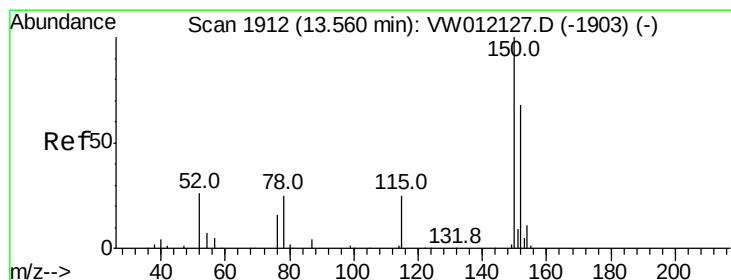
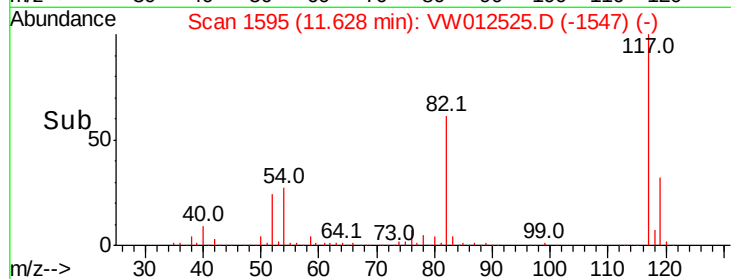
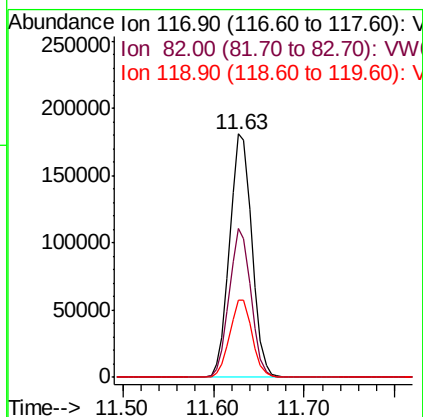
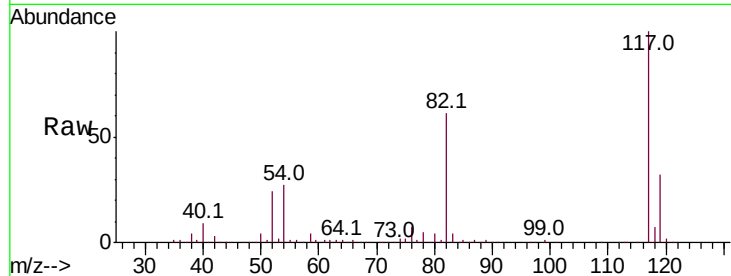




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012525.D
Acq: 03 Sep 2019 03:40

Instrument :
MSVOA_W
ClientSampleId :
T16-17-C2-(0)

Tot Ion:117 Resp: 308151
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 31.8 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: VW012525.D
Acq: 03 Sep 2019 03:40

Tgt Ion:152 Resp: 107256
Ion Ratio Lower Upper
152 100
115 59.8 30.1 90.3
150 157.2 0.0 345.8

