

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012048.D
 Acq On : 20 Aug 2019 23:31
 Operator : SY/VA
 Sample : K4387-13
 Misc : 3.67G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A4-(0)

Quant Time: Aug 21 02:20:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

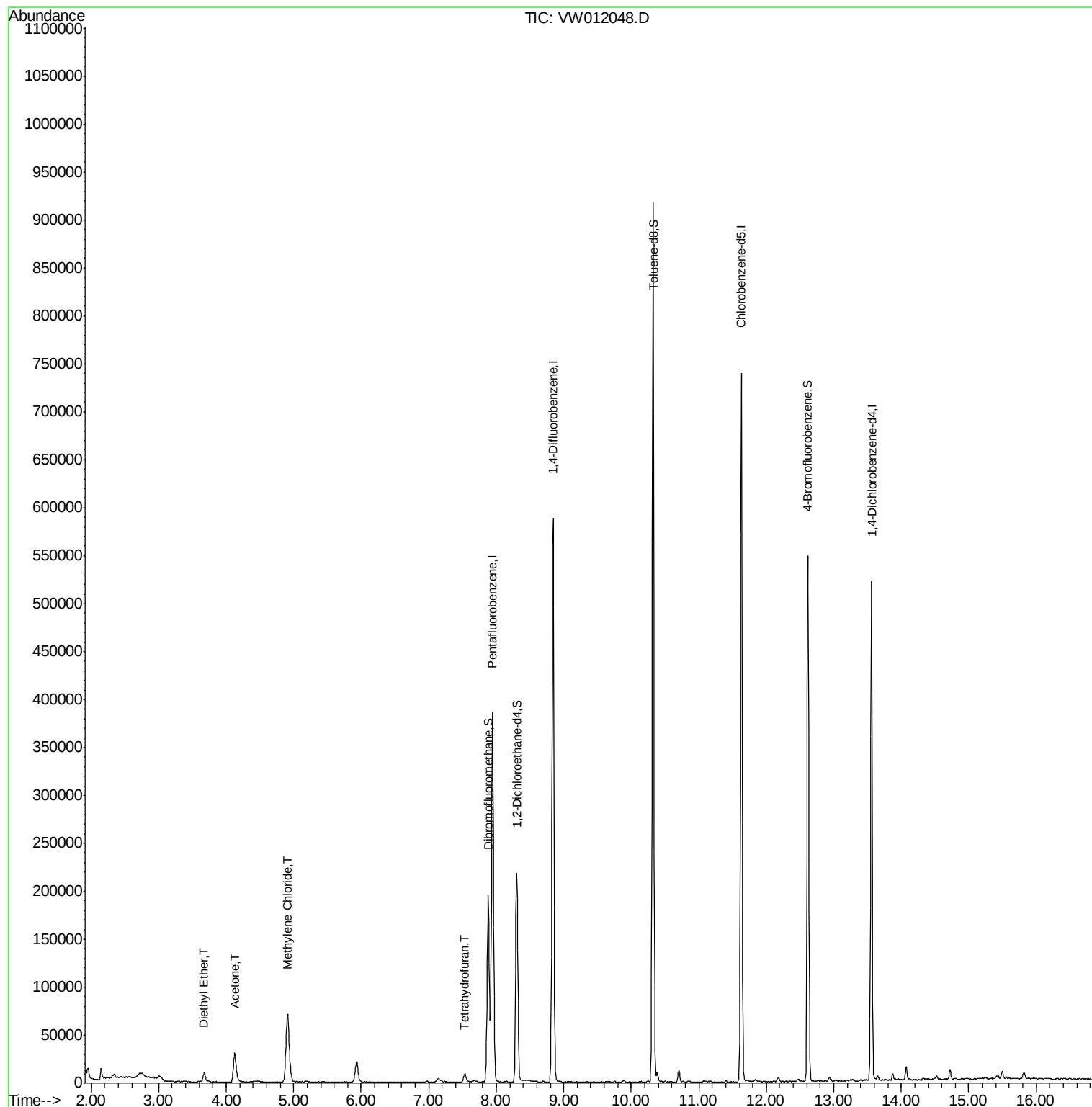
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	280611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	468683	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	392549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	176428	54.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.50%	
35) Dibromofluoromethane	7.88	113	140967	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
50) Toluene-d8	10.32	98	581871	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.10%	
62) 4-Bromofluorobenzene	12.62	95	176791	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
Target Compounds						
8) Diethyl Ether	3.68	74	4991	3.017	ug/l	88
16) Acetone	4.13	43	58150	56.733	ug/l	96
20) Methylene Chloride	4.91	84	53104	15.023	ug/l	96
29) Tetrahydrofuran	7.54	42	8143	10.622	ug/l	98

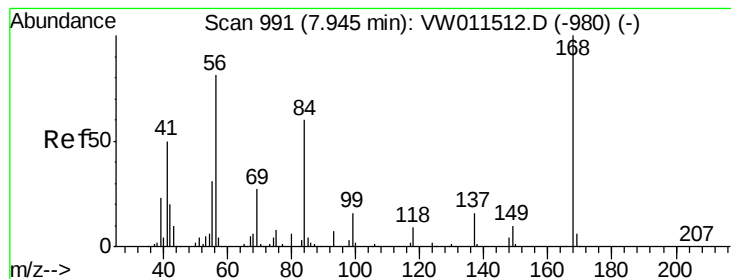
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW012048.D

Acq: 20 Aug 2019 23:31

Instrument :

MSVOA_W

ClientSampleId :

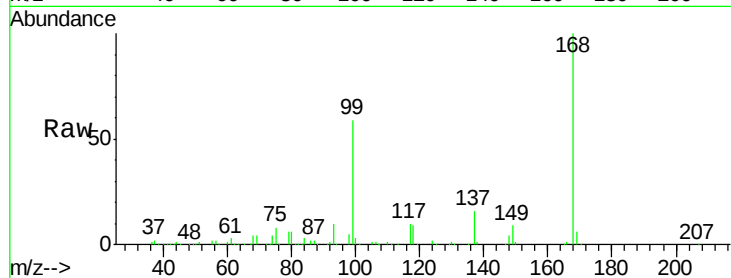
T4-A4-(0)

Tot Ion:168 Resp: 280611

Ion Ratio Lower Upper

168 100

99 58.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

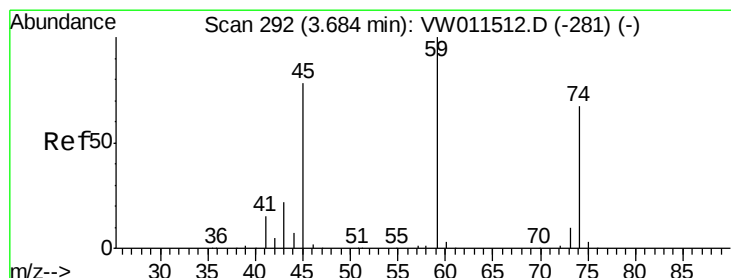
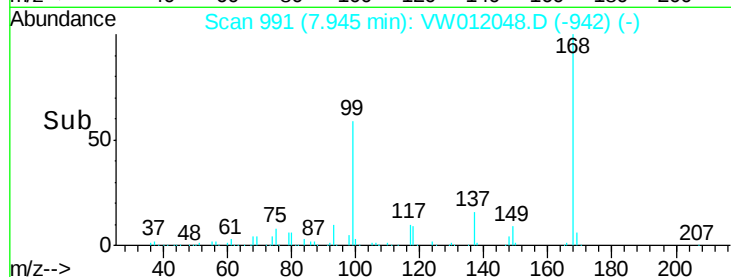
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 3.017 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW012048.D

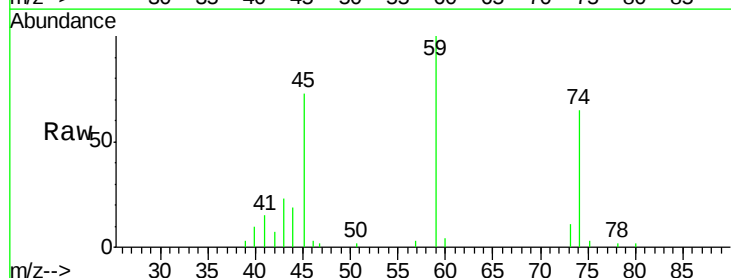
Acq: 20 Aug 2019 23:31

Tgt Ion: 74 Resp: 4991

Ion Ratio Lower Upper

74 100

45 132.1 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

3000

2500

2000

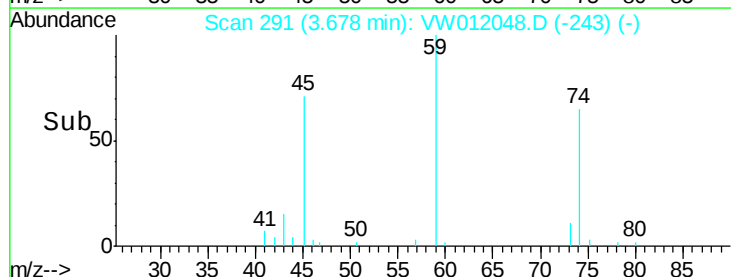
1500

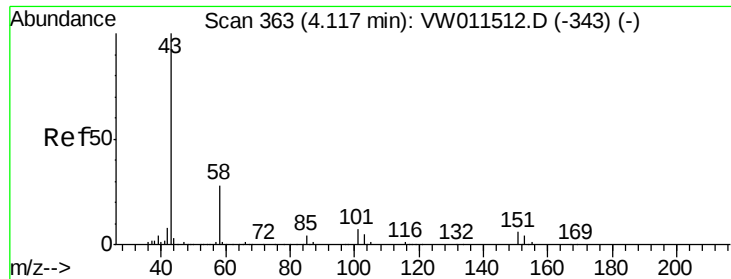
1000

500

0

Time-->

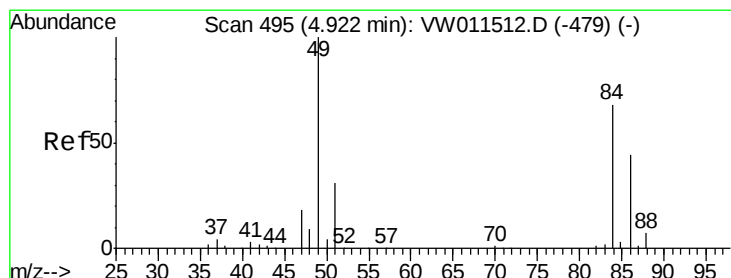
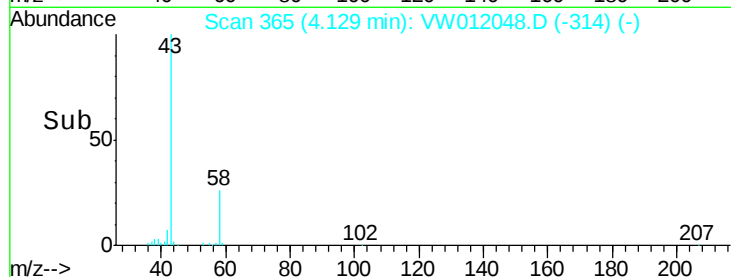
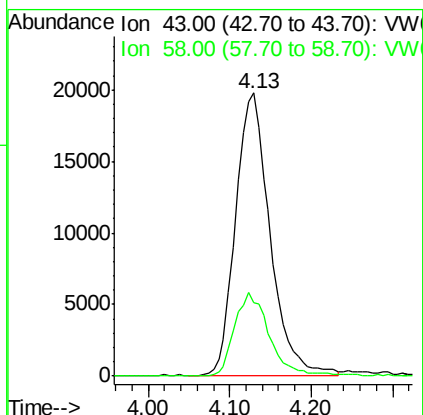
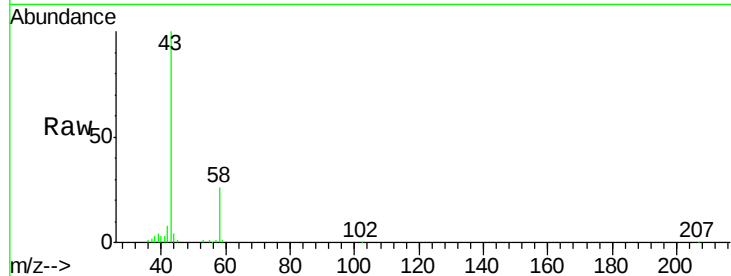




#16
Acetone
Concen: 56.733 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW012048.D
Acq: 20 Aug 2019 23:31

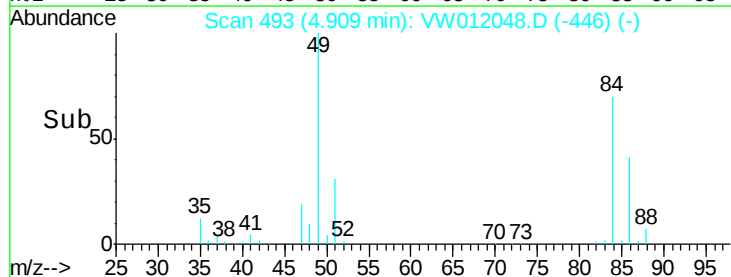
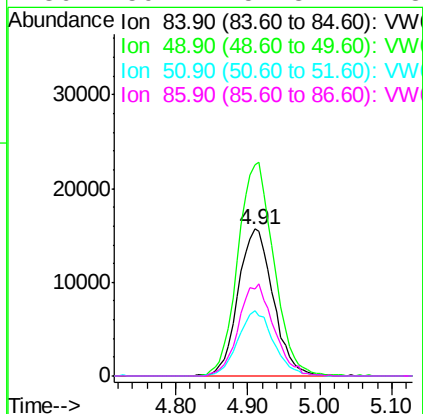
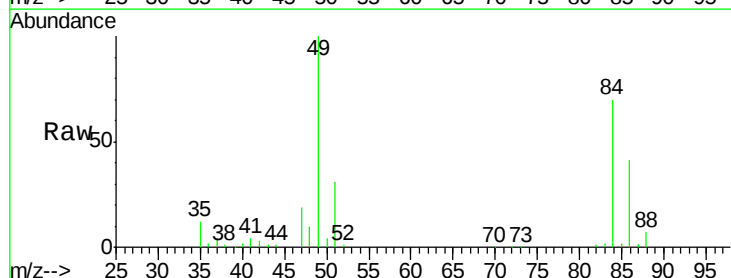
Instrument :
MSVOA_W
ClientSampleId :
T4-A4-(0)

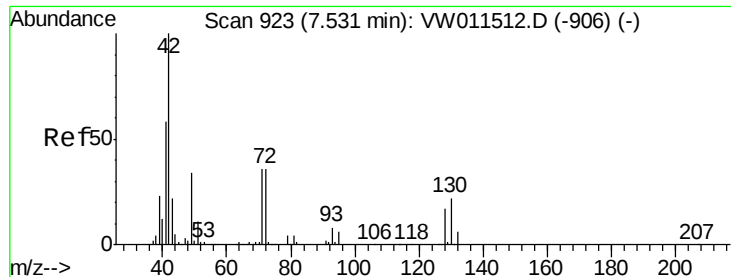
Tot Ion: 43 Resp: 58150
Ion Ratio Lower Upper
43 100
58 26.0 22.3 33.5



#20
Methylene Chloride
Concen: 15.023 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012048.D
Acq: 20 Aug 2019 23:31

Tgt Ion: 84 Resp: 53104
Ion Ratio Lower Upper
84 100
49 143.4 117.8 176.6
51 44.4 37.0 55.4
86 59.1 51.8 77.8

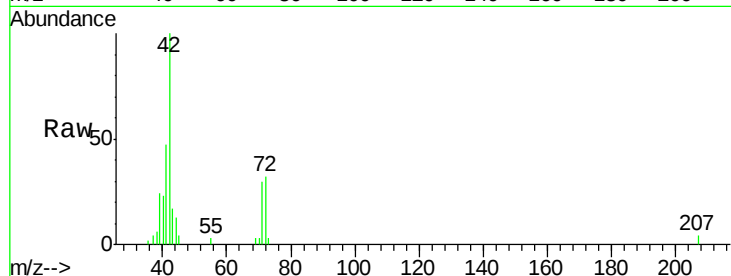




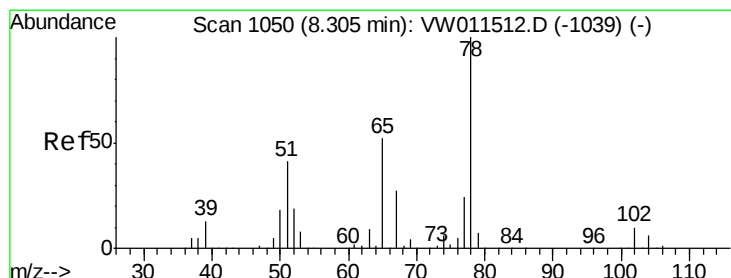
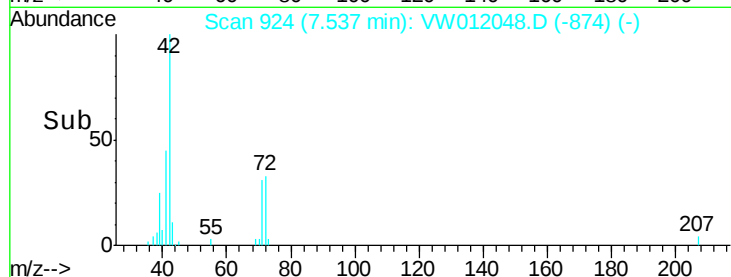
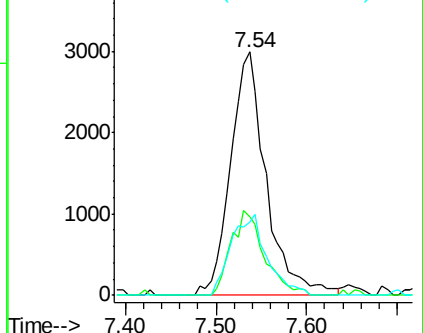
#29
Tetrahydrofuran
Concen: 10.622 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012048.D
Acq: 20 Aug 2019 23:31

Instrument :
MSVOA_W
ClientSampleId :
T4-A4-(0)

Tot Ion: 42 Resp: 8143
Ion Ratio Lower Upper
42 100
72 32.7 27.1 40.7
71 33.7 26.2 39.4

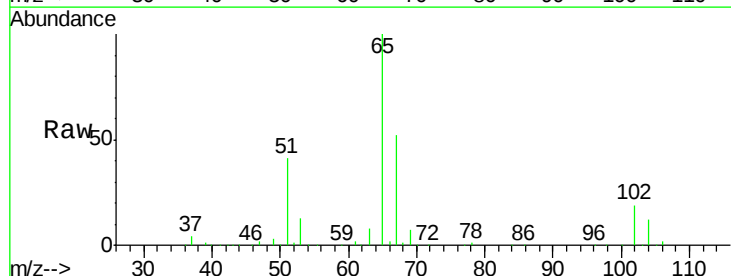


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

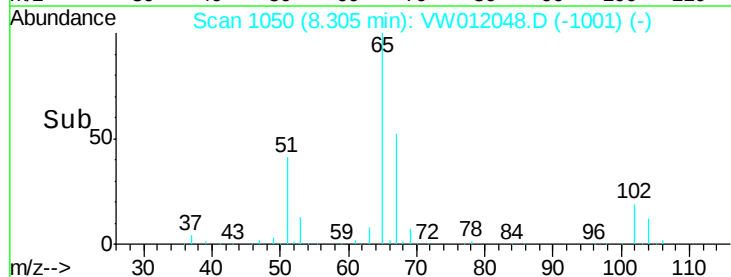
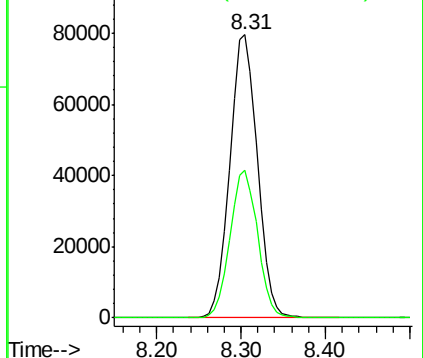


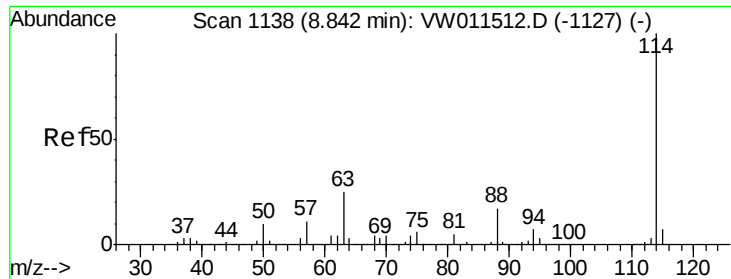
#33
1,2-Dichloroethane-d4
Concen: 54.754 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012048.D
Acq: 20 Aug 2019 23:31

Tgt Ion: 65 Resp: 176428
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

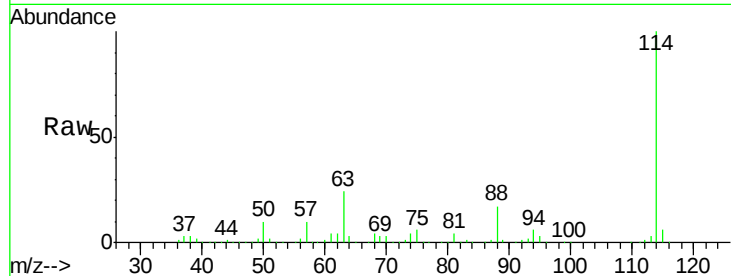




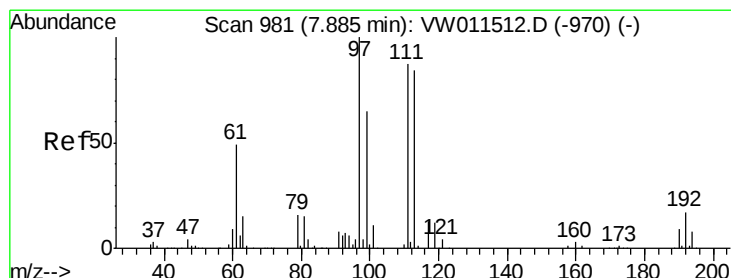
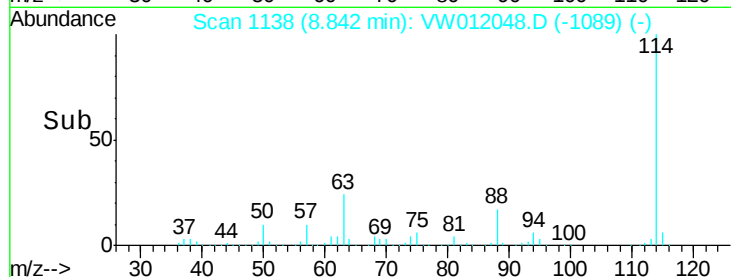
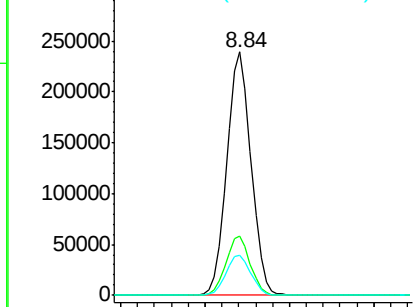
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012048.D
 Acq: 20 Aug 2019 23:31

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A4-(0)

Tot Ion:114 Resp: 468683
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 16.6 0.0 33.8

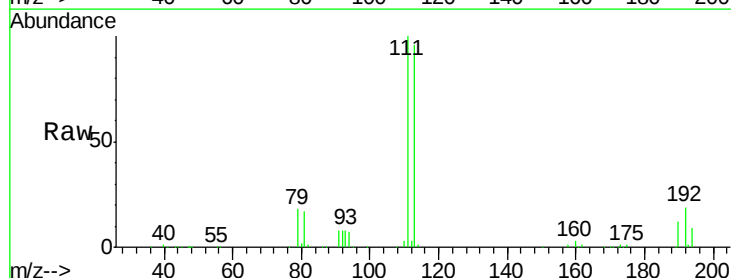


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

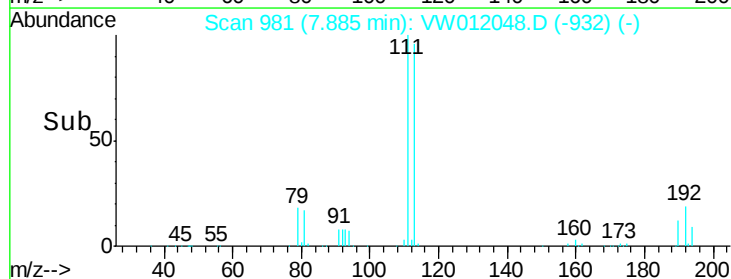
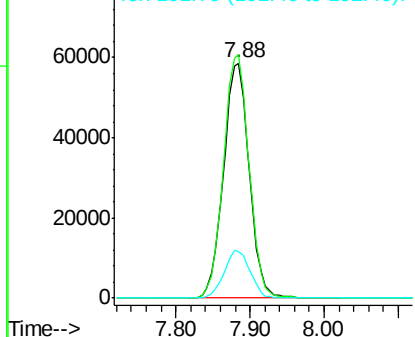


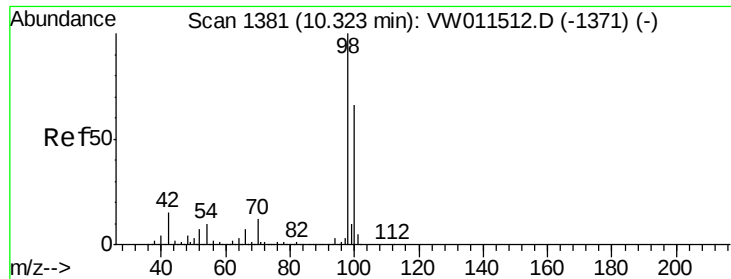
#35
 Dibromofluoromethane
 Concen: 53.612 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012048.D
 Acq: 20 Aug 2019 23:31

Tgt Ion:113 Resp: 140967
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.7 124.1
 192 20.5 16.1 24.1



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: 54.050 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012048.D

Acq: 20 Aug 2019 23:31

Instrument :

MSVOA_W

ClientSampleId :

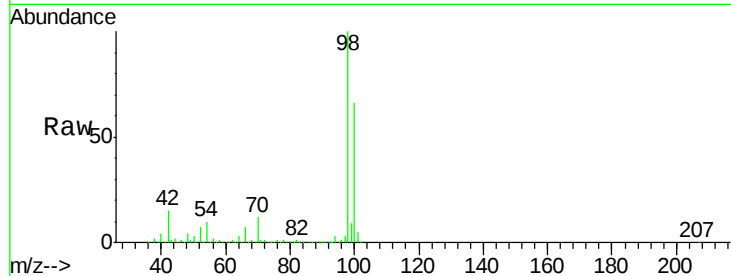
T4-A4-(0)

Tot Ion: 98 Resp: 581871

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

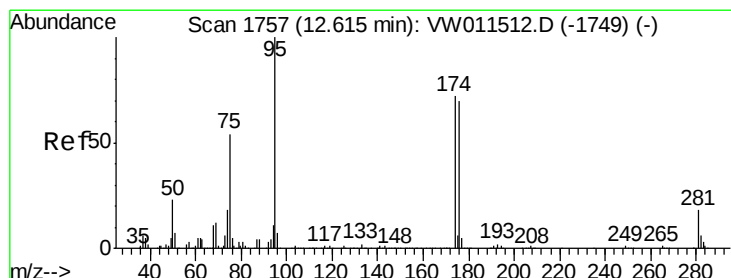
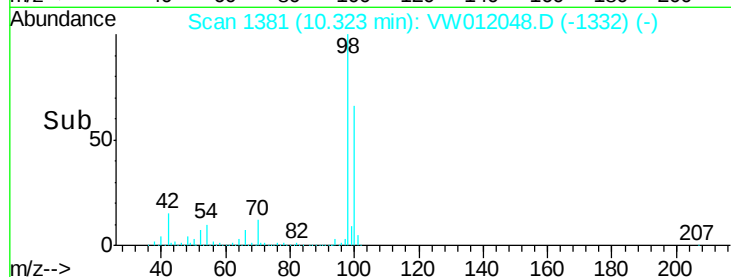
300000

200000

100000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 46.062 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012048.D

Acq: 20 Aug 2019 23:31

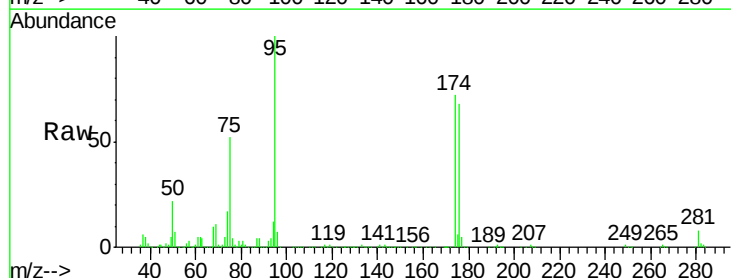
Tgt Ion: 95 Resp: 176791

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.2

176 72.6 0.0 144.4



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

12.62

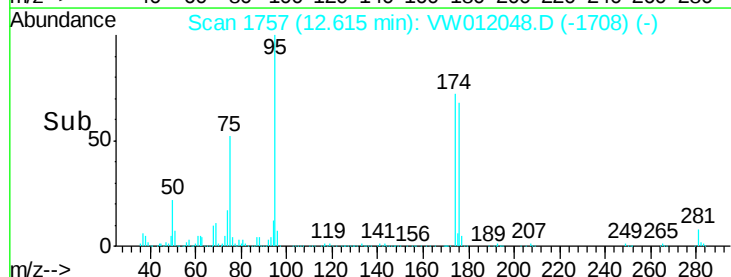
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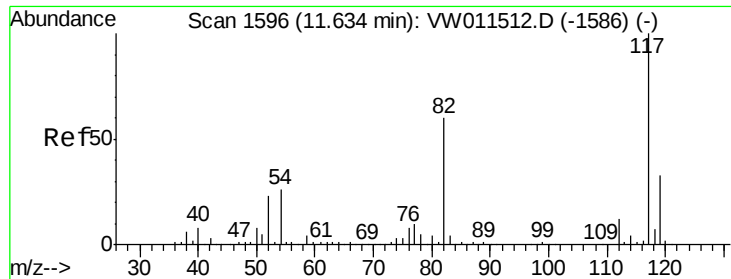
100000

50000

0

Time--> 12.50 12.60 12.70

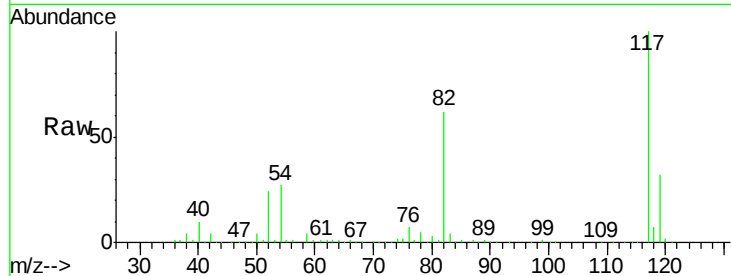




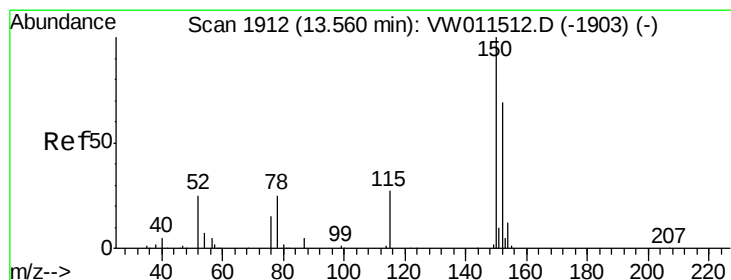
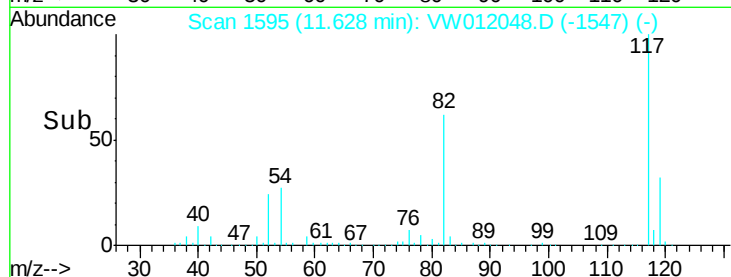
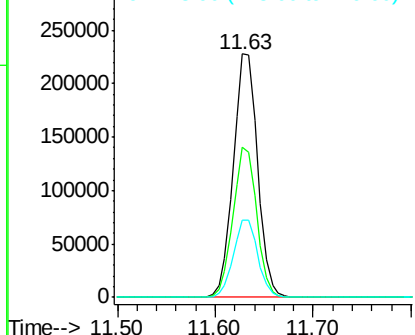
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012048.D
Acq: 20 Aug 2019 23:31

Instrument :
MSVOA_W
ClientSampleId :
T4-A4-(0)

Tot Ion:117 Resp: 392549
Ion Ratio Lower Upper
117 100
82 61.6 47.9 71.9
119 31.8 26.2 39.2

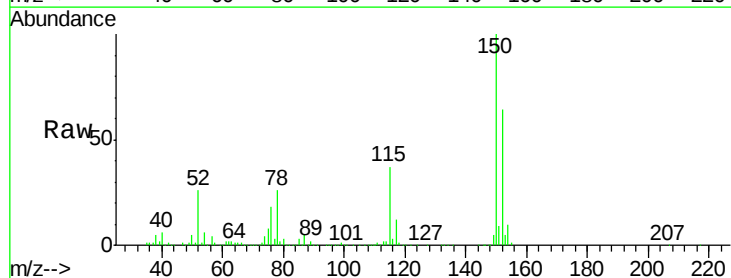


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012048.D
Acq: 20 Aug 2019 23:31

Tgt Ion:152 Resp: 131495
Ion Ratio Lower Upper
152 100
115 60.7 30.5 91.5
150 158.3 0.0 352.6



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

