

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011084.D
 Acq On : 01 Jul 2019 14:55
 Operator : SY/VA
 Sample : K3580-07
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-14-9.5-10.0

Quant Time: Jul 02 08:35:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120304	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	130369	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
35) Dibromofluoromethane	7.88	113	102417	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.32	98	416475	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.62	95	134259	43.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.14%	

Target Compounds

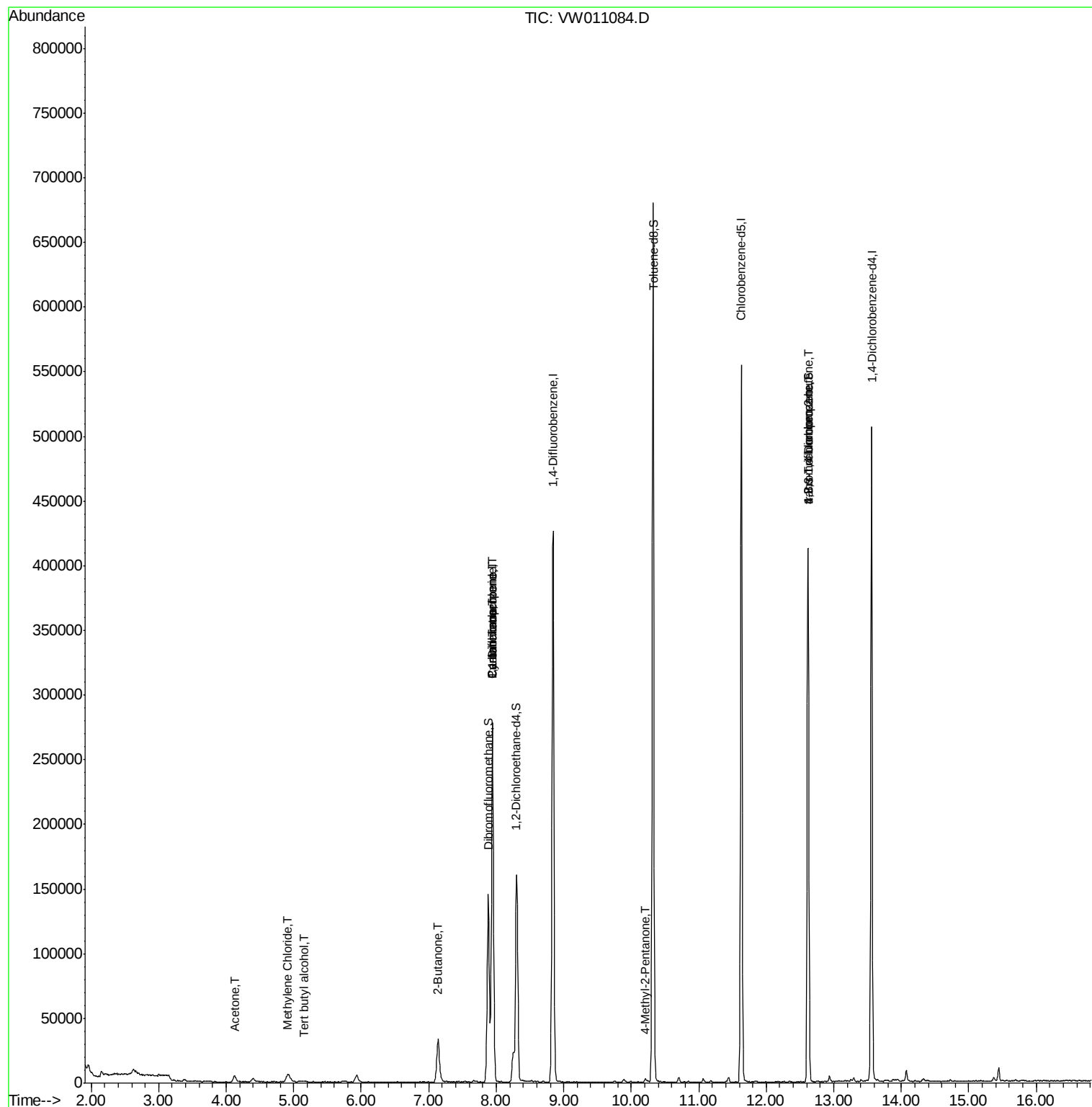
						Qvalue
11) Tert butyl alcohol	5.15	59	1011	5.492	ug/l #	76
16) Acetone	4.13	43	9231	14.920	ug/l	94
20) Methylene Chloride	4.92	84	4688	1.865	ug/l	92
25) 2-Butanone	7.14	43	2593	2.757	ug/l	95
31) Cyclohexane	7.95	56	5132	1.058	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	17597	4.885	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20331	6.854	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	2441	1.170	ug/l	91
76) 1,2,3-Trichloropropane	12.62	75	74618	58.750	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	74618	118.850	ug/l #	3

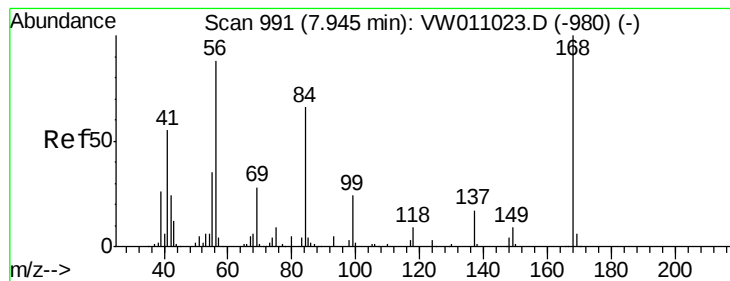
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070119\
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SB-14-9.5-10.0

Quant Time: Jul 02 08:35:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 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: VW011084.D

Acq: 01 Jul 2019 14:55

Instrument :

MSVOA_W

ClientSampleId :

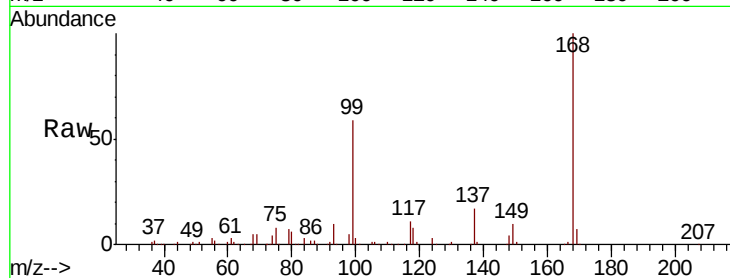
SB-14-9.5-10.0

Tot Ion:168 Resp: 193891

Ion Ratio Lower Upper

168 100

99 58.8 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

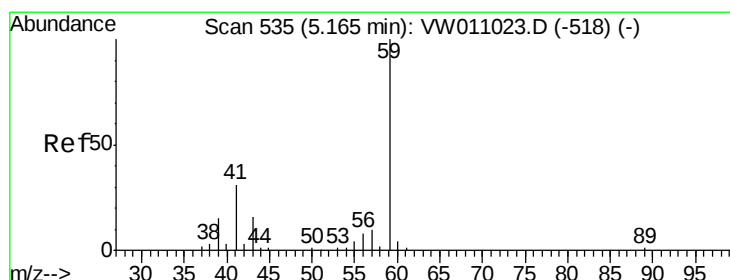
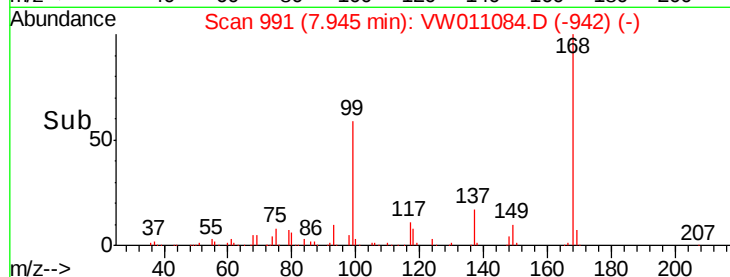
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 5.492 ug/l

RT: 5.15 min Scan# 532

Delta R.T. -0.02 min

Lab File: VW011084.D

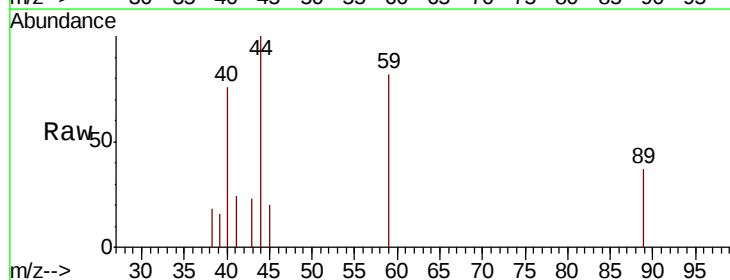
Acq: 01 Jul 2019 14:55

Tgt Ion: 59 Resp: 1011

Ion Ratio Lower Upper

59 100

57 2.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

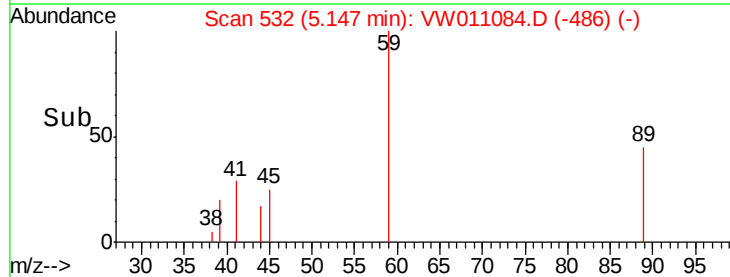
300

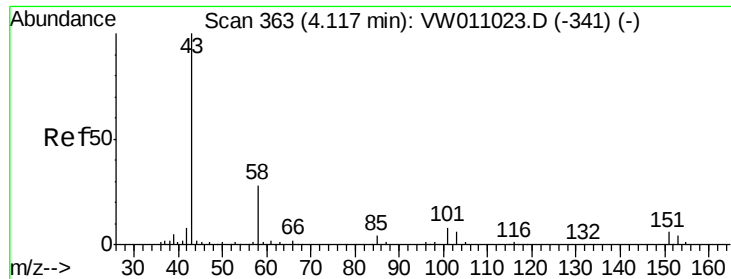
200

100

0

Time--> 5.05 5.10 5.15 5.20

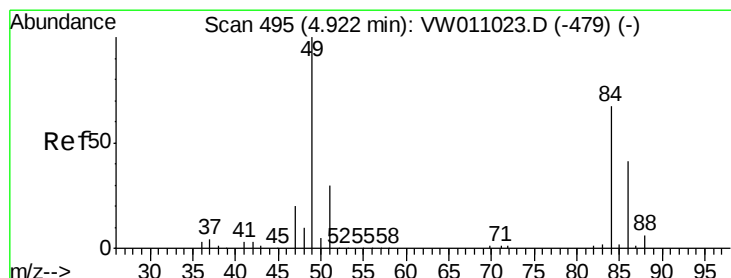
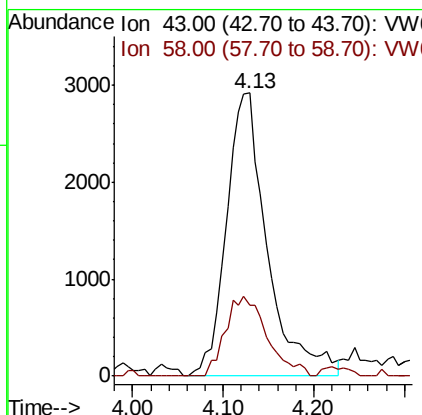
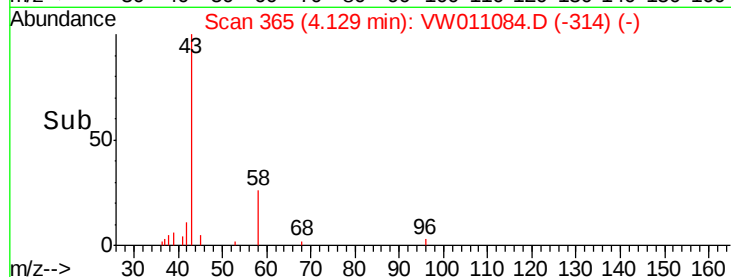
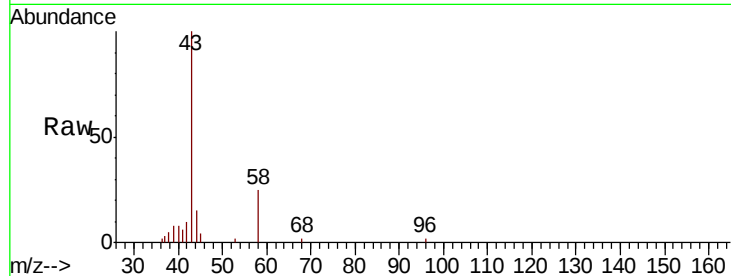




#16
Acetone
Concen: 14.920 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW011084.D
Acq: 01 Jul 2019 14:55

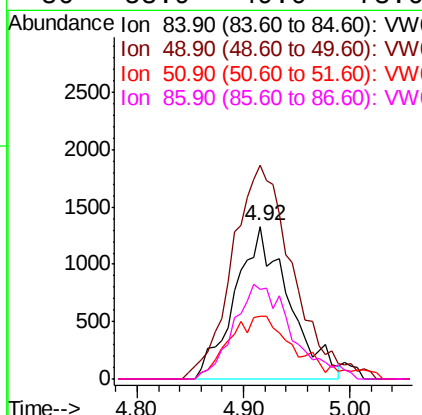
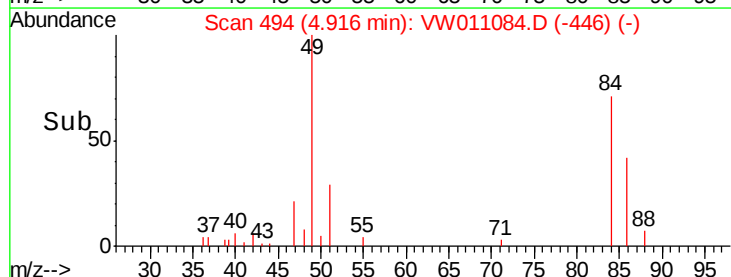
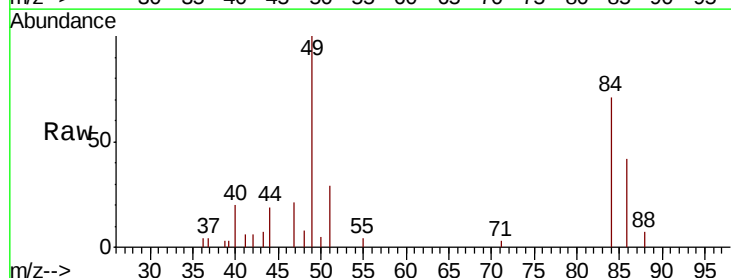
Instrument :
MSVOA_W
ClientSampleId :
SB-14-9.5-10.0

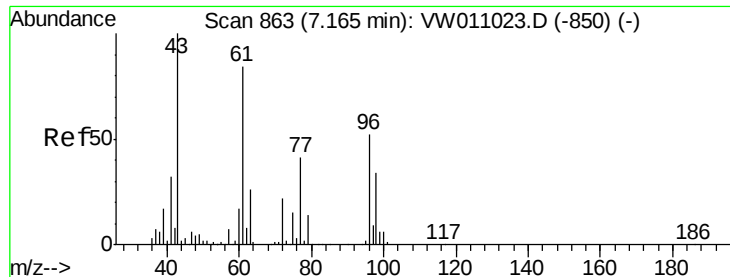
Tot Ion: 43 Resp: 9231
Ion Ratio Lower Upper
43 100
58 24.9 22.5 33.7



#20
Methylene Chloride
Concen: 1.865 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011084.D
Acq: 01 Jul 2019 14:55

Tgt Ion: 84 Resp: 4688
Ion Ratio Lower Upper
84 100
49 135.6 119.6 179.4
51 41.3 35.6 53.4
86 58.9 49.0 73.6

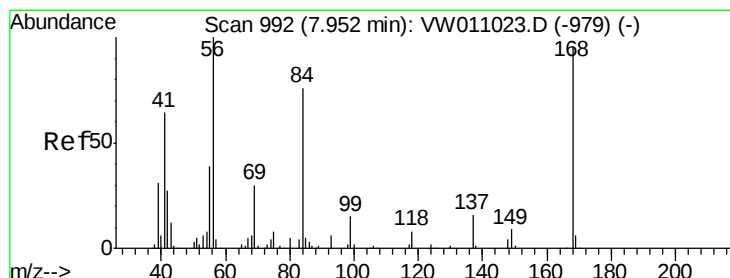
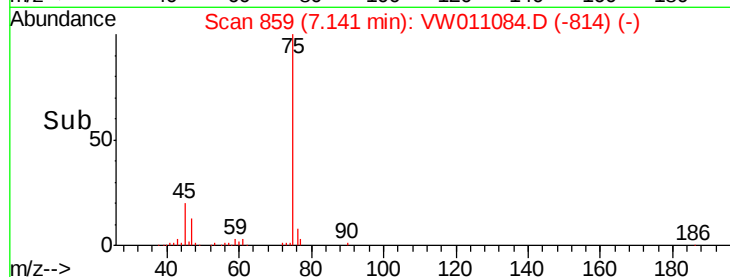
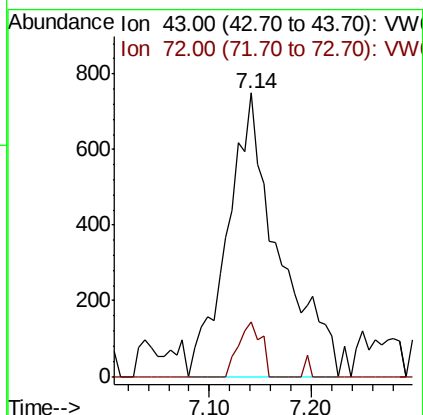
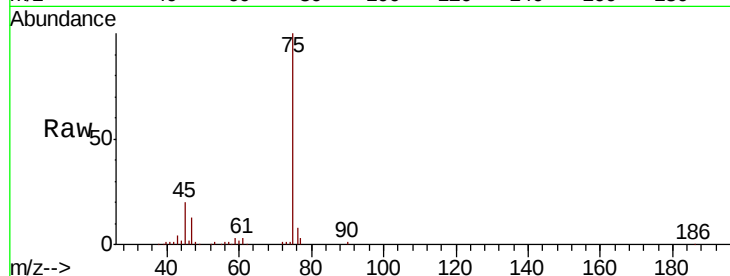




#25
2-Butanone
Concen: 2.757 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW011084.D
Acq: 01 Jul 2019 14:55

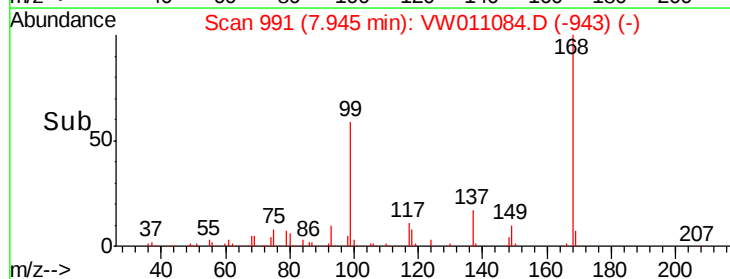
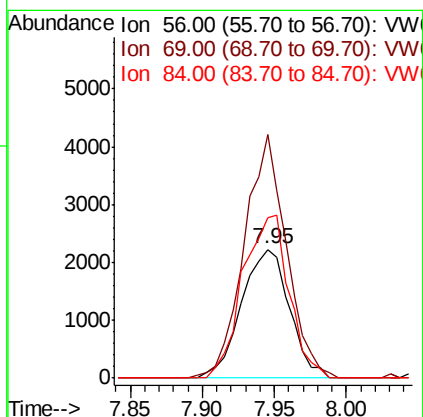
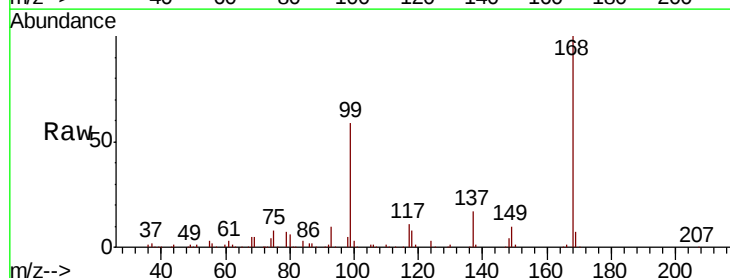
Instrument :
MSVOA_W
ClientSampleId :
SB-14-9.5-10.0

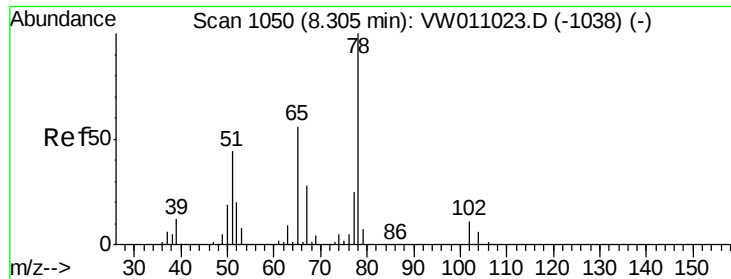
Tot Ion: 43 Resp: 2593
Ion Ratio Lower Upper
43 100
72 19.4 17.2 25.8



#31
Cyclohexane
Concen: 1.058 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011084.D
Acq: 01 Jul 2019 14:55

Tgt Ion: 56 Resp: 5132
Ion Ratio Lower Upper
56 100
69 189.0 24.2 36.2#
84 124.9 60.6 90.8#

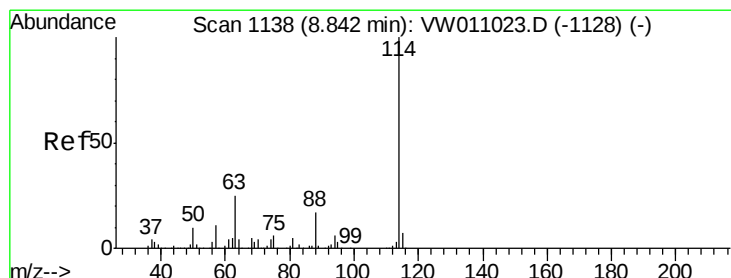
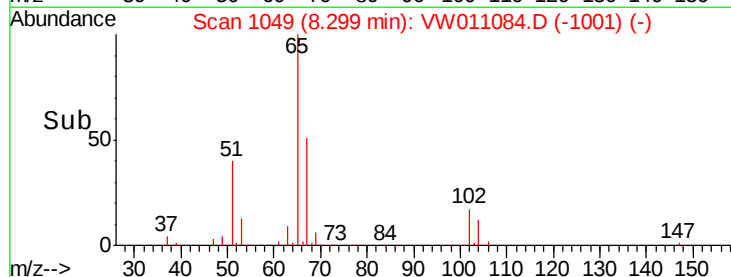
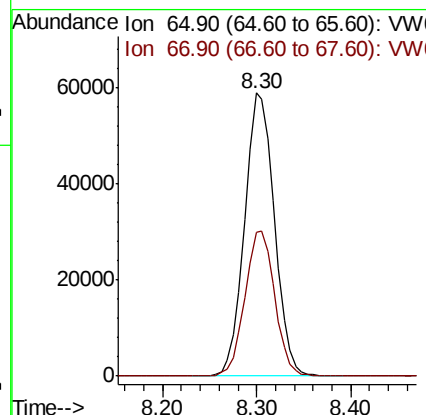
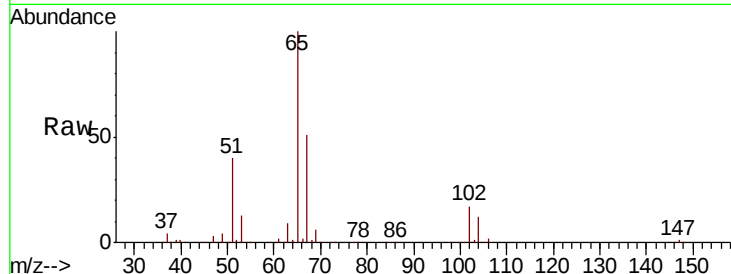




#33
 1,2-Dichloroethane-d4
 Concen: 51.434 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011084.D
 Acq: 01 Jul 2019 14:55

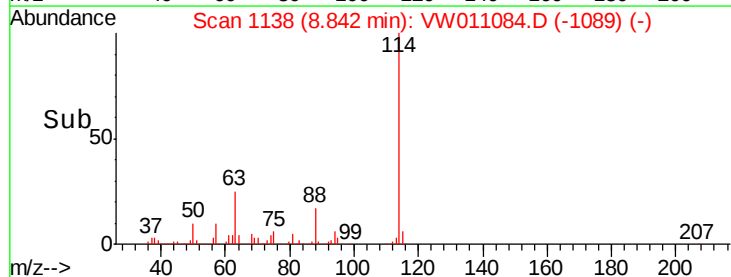
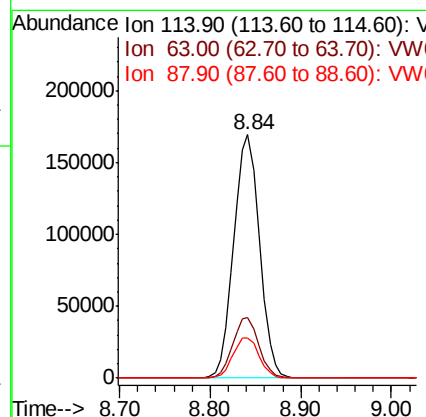
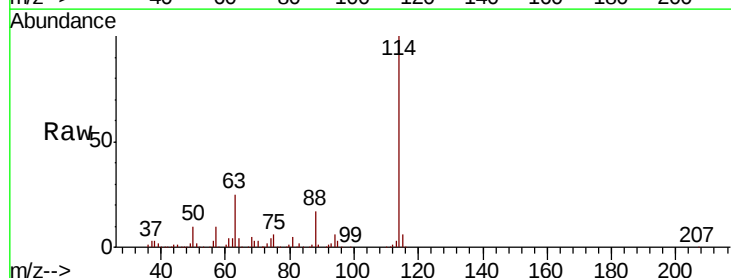
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-14-9.5-10.0

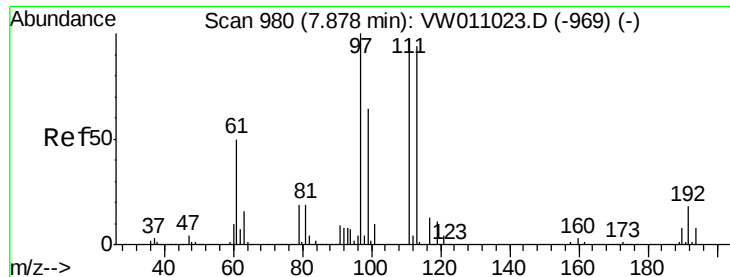
Tot Ion: 65 Resp: 130369
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011084.D
 Acq: 01 Jul 2019 14:55

Tgt Ion: 114 Resp: 335146
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 50.6
 88 16.7 0.0 34.0

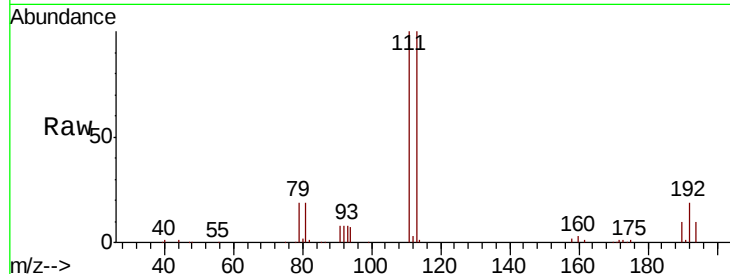




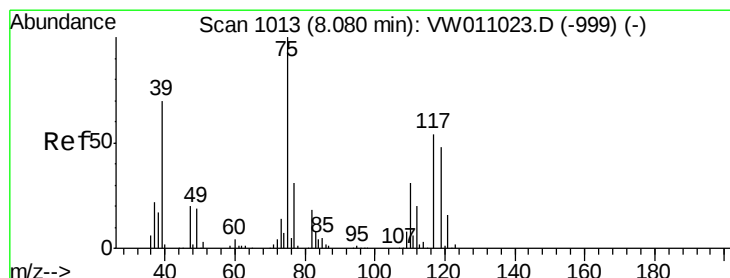
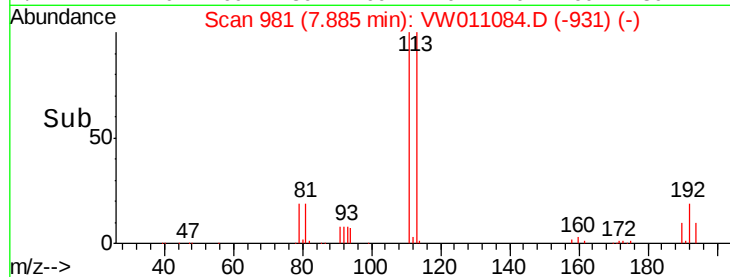
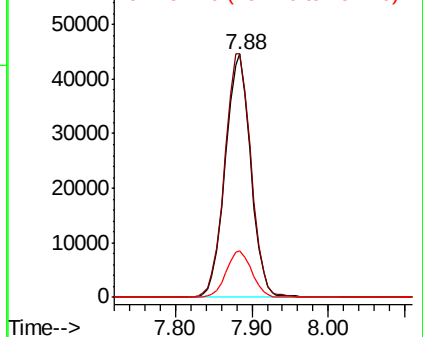
#35
 Dibromofluoromethane
 Concen: 50.044 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW011084.D
 Acq: 01 Jul 2019 14:55

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-14-9.5-10.0

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.8	125.6
192	19.3	16.0	24.0

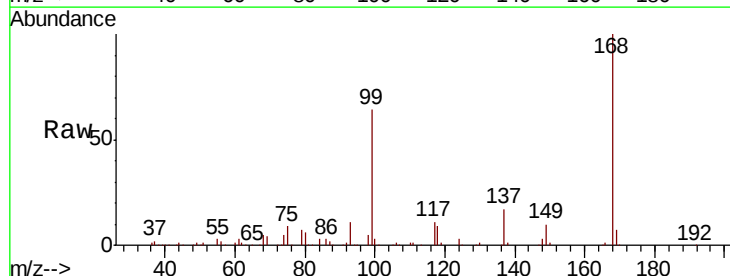


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

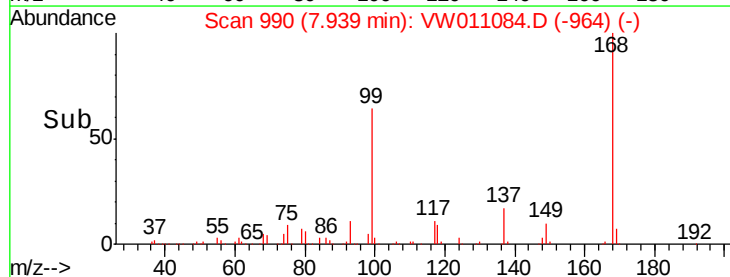
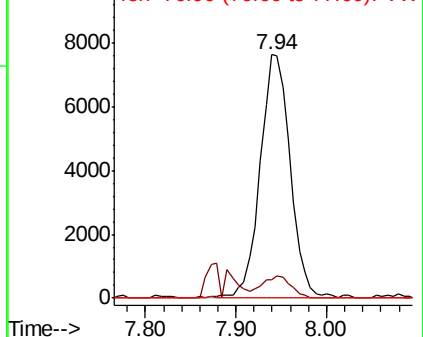


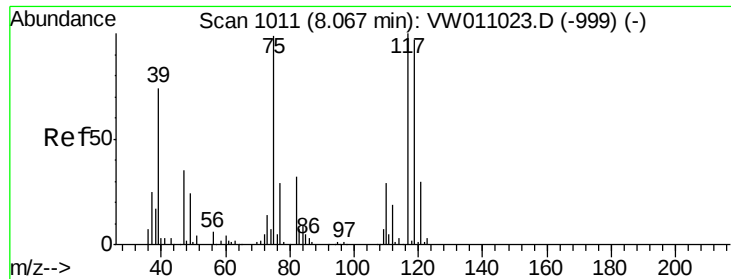
#36
 1,1-Dichloropropene
 Concen: 4.885 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011084.D
 Acq: 01 Jul 2019 14:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	15.5	46.5#
77	0.0	24.9	37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

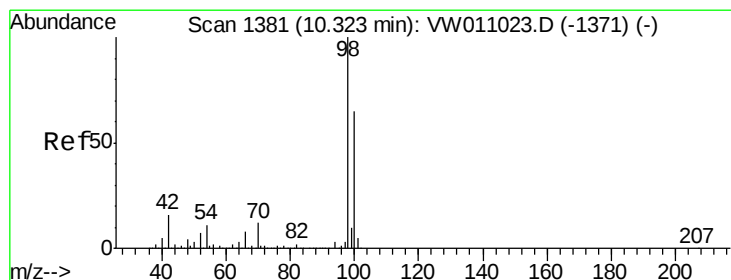
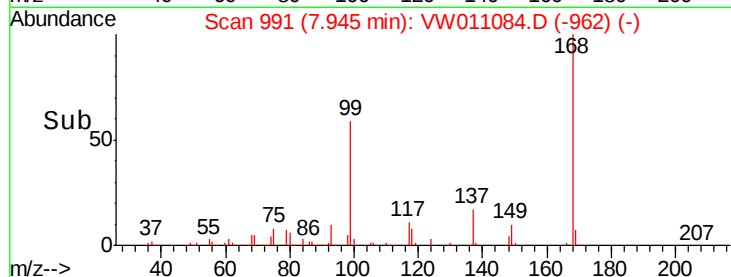
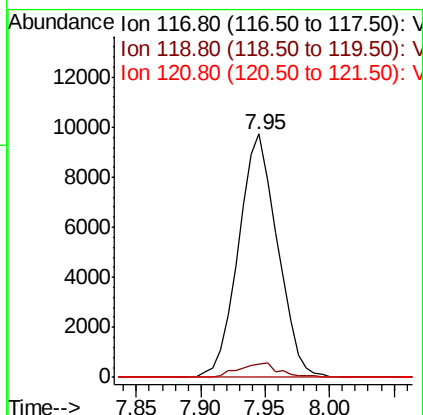
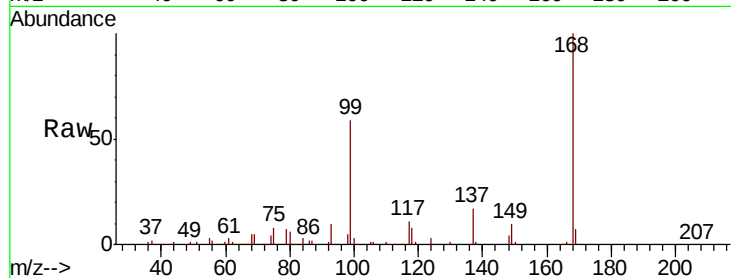




#38
Carbon Tetrachloride
Concen: 6.854 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011084.D
Acq: 01 Jul 2019 14:55

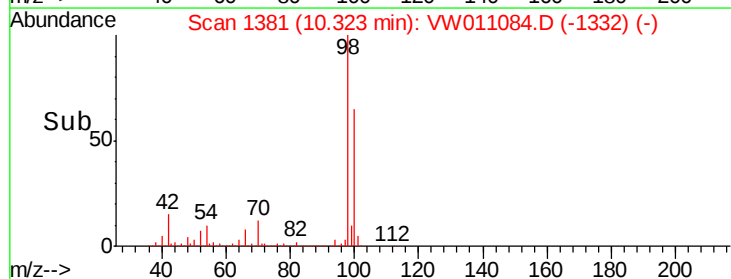
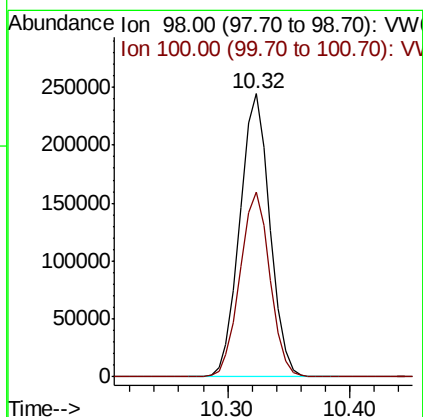
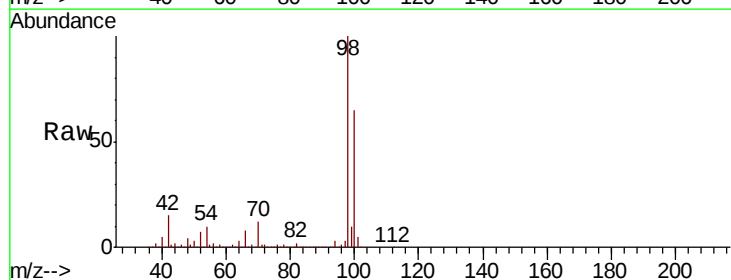
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SB-14-9.5-10.0

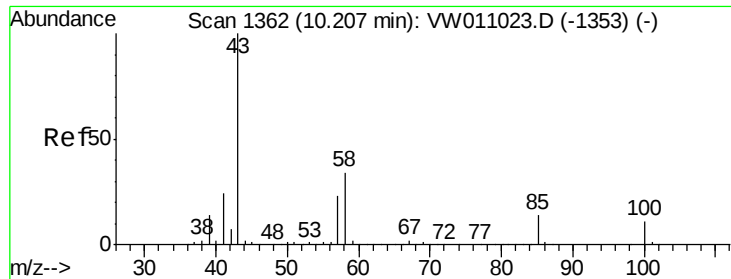
Tot Ion:117 Resp: 20331
Ion Ratio Lower Upper
117 100
119 5.6 77.7 116.5#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 49.439 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011084.D
Acq: 01 Jul 2019 14:55

Tgt Ion: 98 Resp: 416475
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 1.170 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW011084.D

Acq: 01 Jul 2019 14:55

Instrument :

MSVOA_W

ClientSampleId :

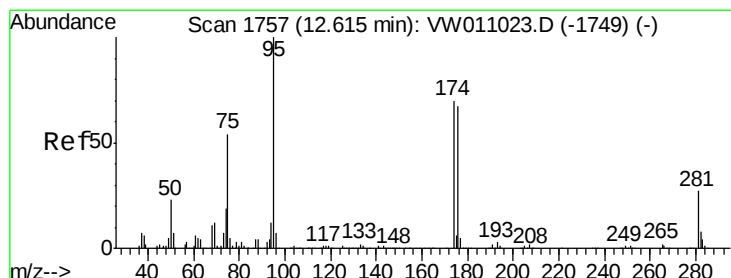
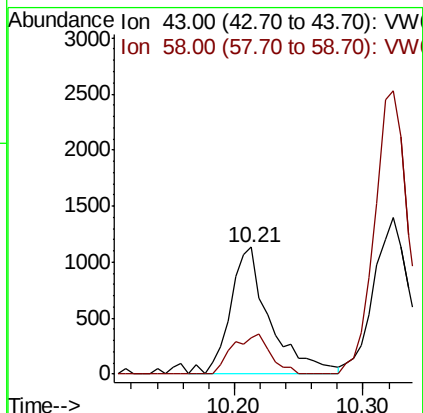
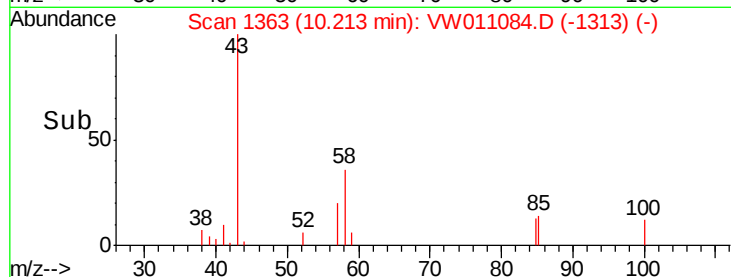
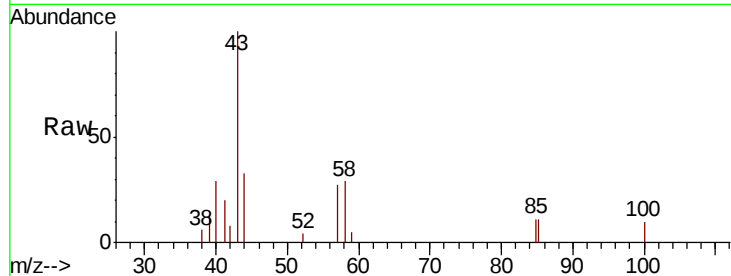
SB-14-9.5-10.0

Tot Ion: 43 Resp: 2441

Ion Ratio Lower Upper

43 100

58 29.8 27.8 41.6



#62

4-Bromofluorobenzene

Concen: 43.575 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011084.D

Acq: 01 Jul 2019 14:55

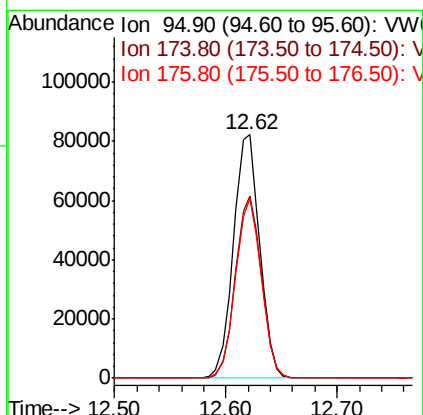
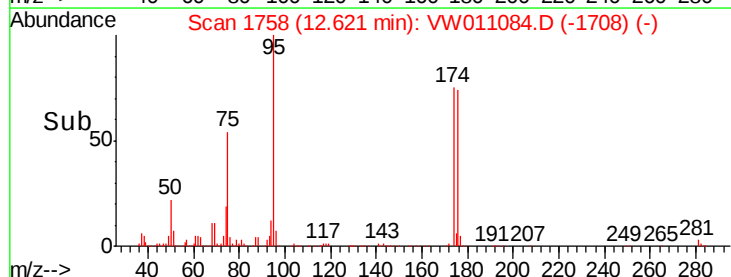
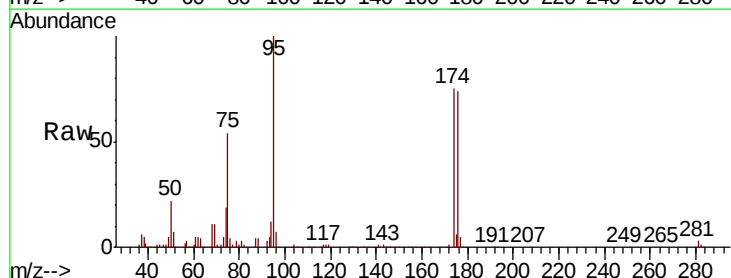
Tgt Ion: 95 Resp: 134259

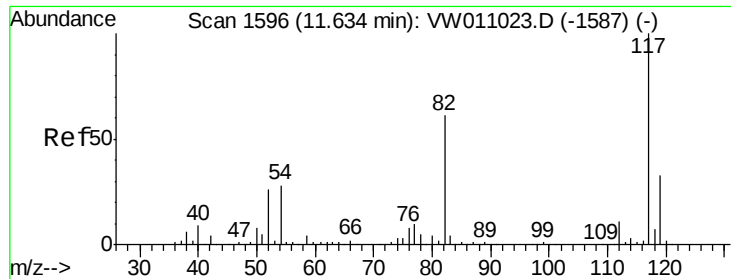
Ion Ratio Lower Upper

95 100

174 74.1 0.0 149.2

176 72.4 0.0 143.6

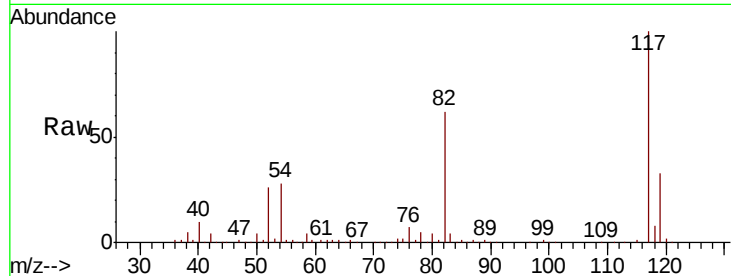




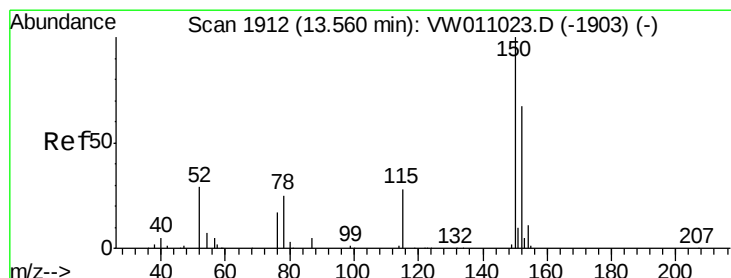
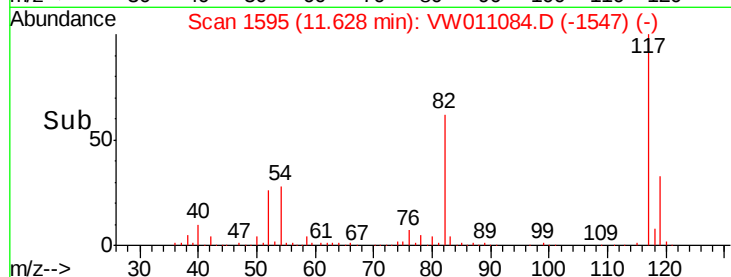
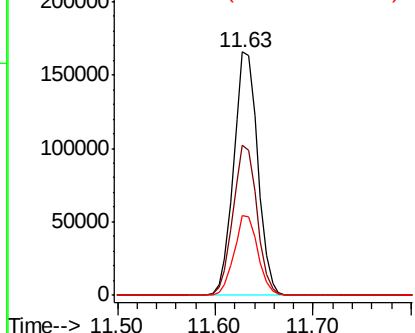
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011084.D
Acq: 01 Jul 2019 14:55

Instrument :
MSVOA_W
ClientSampleId :
SB-14-9.5-10.0

Tot Ion:117 Resp: 282755
Ion Ratio Lower Upper
117 100
82 61.8 48.6 73.0
119 32.9 26.1 39.1

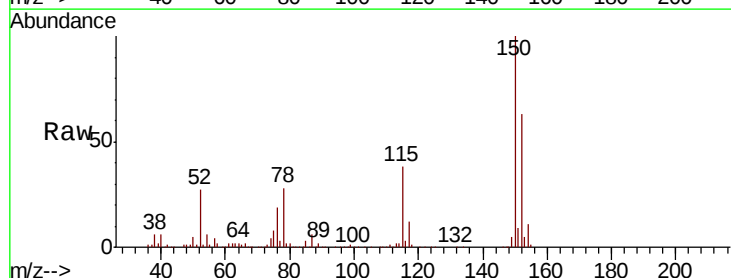


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

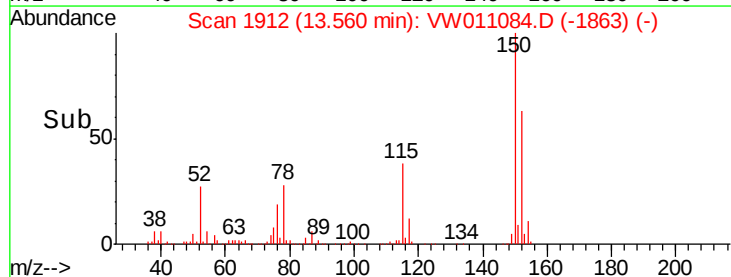
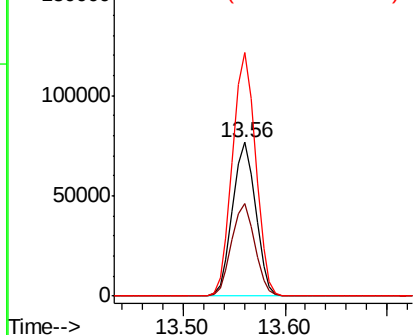


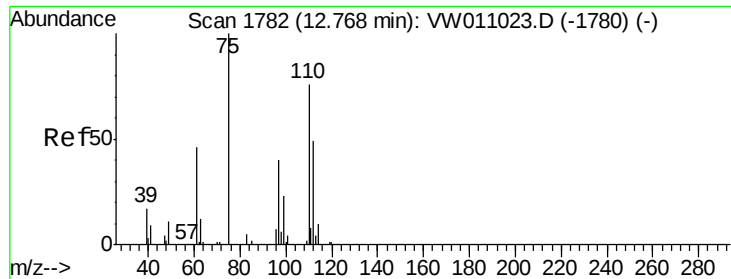
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011084.D
Acq: 01 Jul 2019 14:55

Tgt Ion:152 Resp: 120304
Ion Ratio Lower Upper
152 100
115 60.4 30.7 92.1
150 158.9 0.0 341.8



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

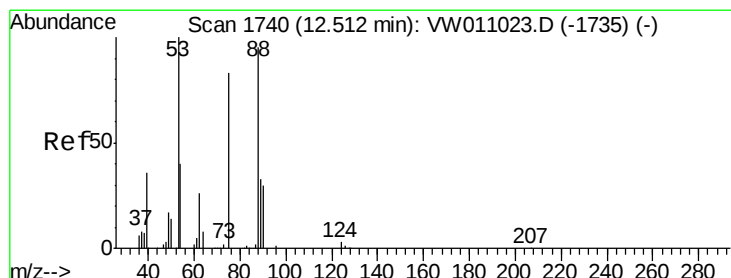
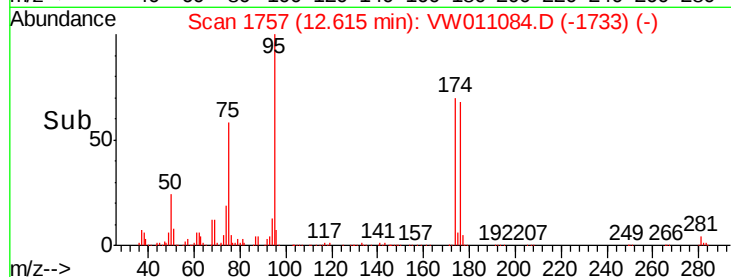
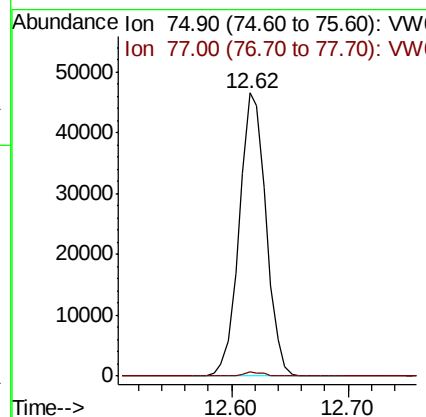
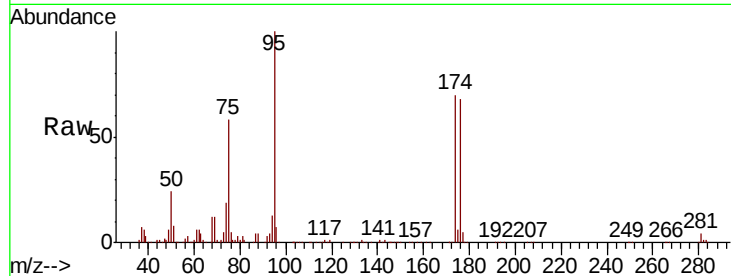




#76
 1,2,3-Trichloropropane
 Concen: 58.750 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011084.D
 Acq: 01 Jul 2019 14:55

Instrument :
 MSVOA_W
 ClientSampled :
 SB-14-9.5-10.0

Tot Ion: 75 Resp: 74618
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.850 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011084.D
 Acq: 01 Jul 2019 14:55

Tgt Ion: 75 Resp: 74618
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.6 143.4#
 89 0.0 34.4 51.6#

