

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
 Data File : VW012261.D
 Acq On : 28 Aug 2019 18:15
 Operator : SY/VA
 Sample : K4510-03
 Misc : 5.04G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 06:48:37 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	235204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	396681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135742	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	144605	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	7.88	113	117088	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.32	98	477943	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.62	95	155872	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	

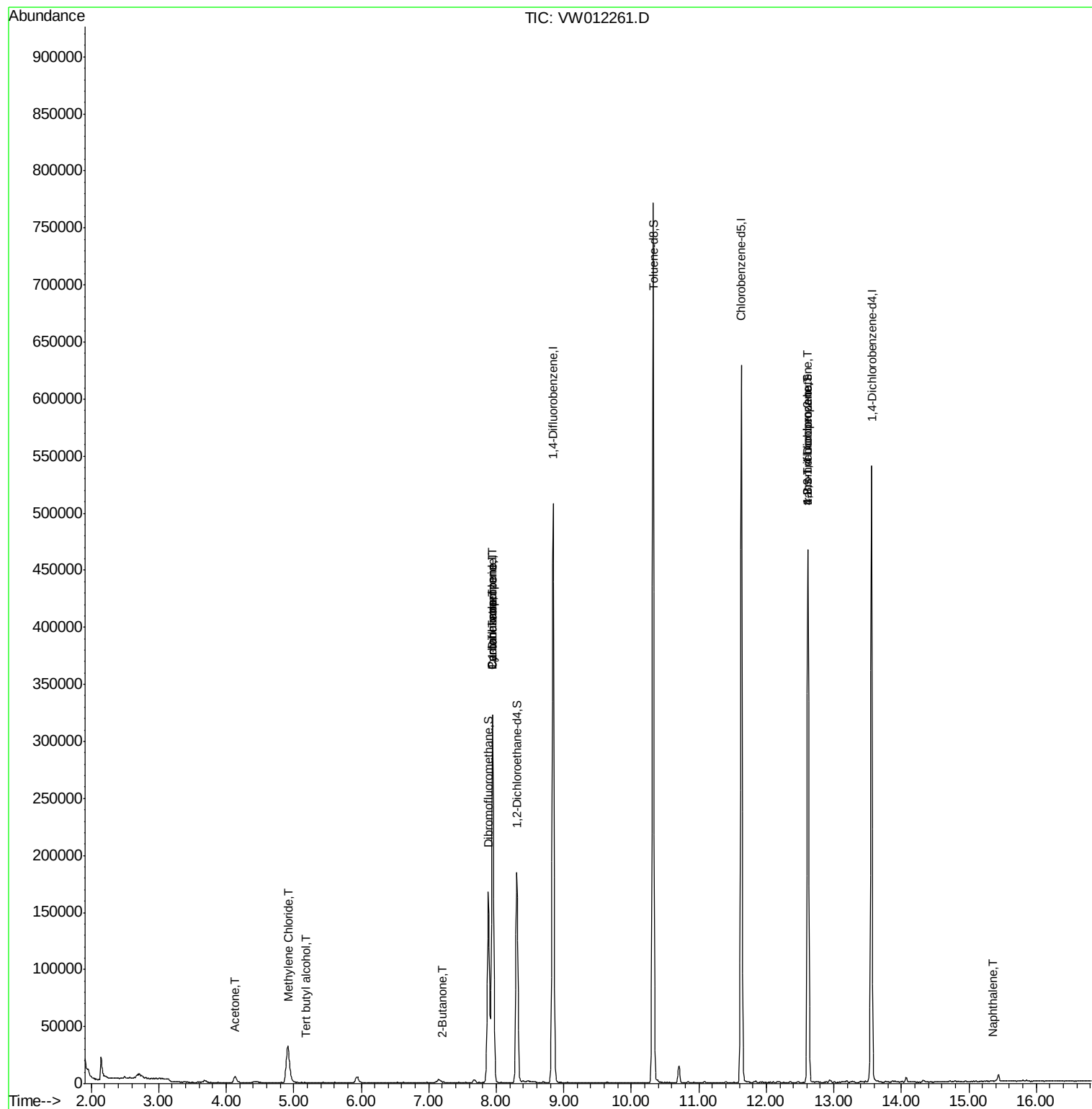
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	218	1.296	ug/l	99
16) Acetone	4.14	43	10995	15.384	ug/l	100
20) Methylene Chloride	4.92	84	25162	9.313	ug/l	90
25) 2-Butanone	7.20	43	1531	1.576	ug/l #	86
31) Cyclohexane	7.94	56	5900	1.172	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20184	4.924	ug/l #	51
38) Carbon Tetrachloride	7.95	117	23951	6.751	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	82469	62.381	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	82469	136.772	ug/l #	6
95) Naphthalene	15.36	128	161	4.350	ug/l #	69

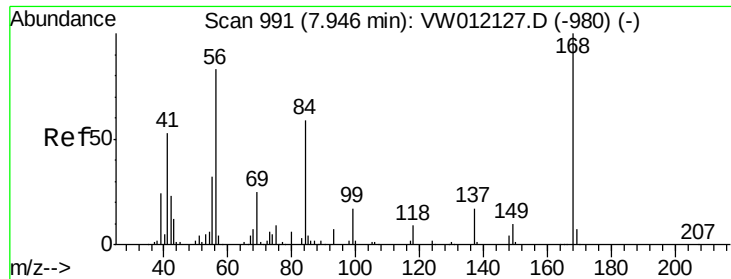
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
Data File : VW012261.D
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MSVOA_W
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Quant Time: Aug 29 06:48:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
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: VW012261.D

Acq: 28 Aug 2019 18:15

Instrument :

MSVOA_W

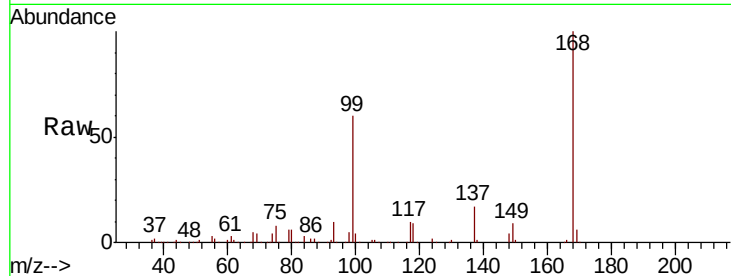
ClientSampled :

Tgt Ion:168 Resp: 235204

Ion Ratio Lower Upper

168 100

99 59.8 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

120000

100000

80000

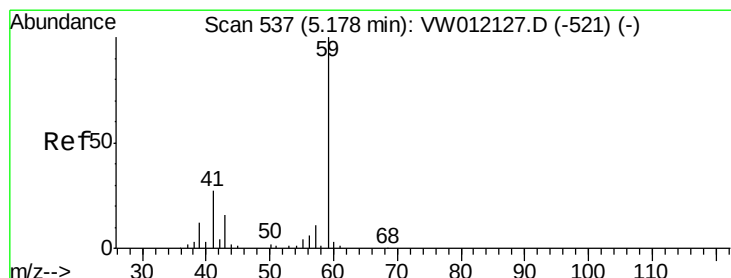
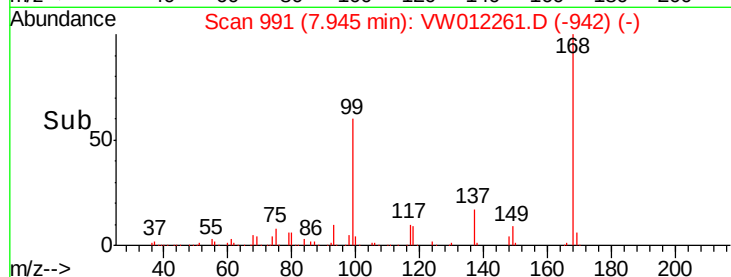
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.296 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW012261.D

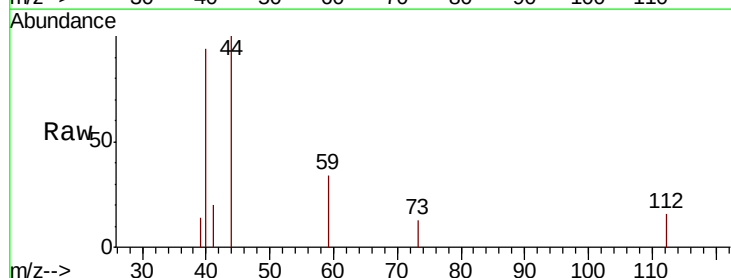
Acq: 28 Aug 2019 18:15

Tgt Ion: 59 Resp: 218

Ion Ratio Lower Upper

59 100

57 11.0 9.0 13.4



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

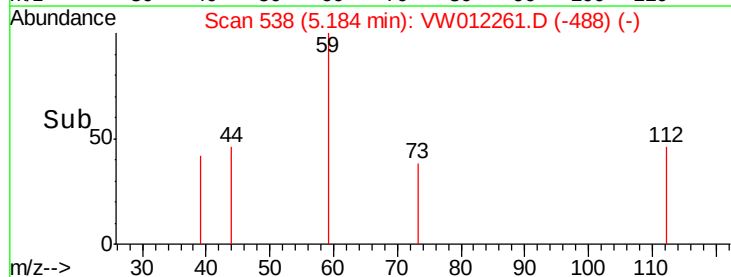
150

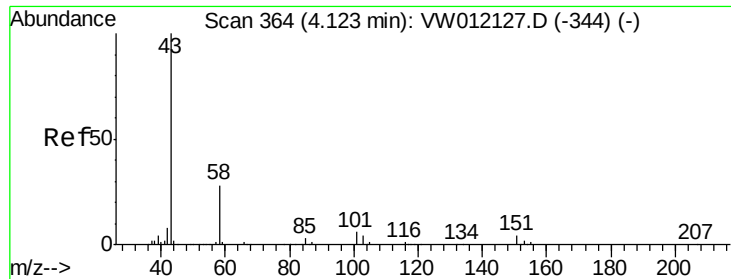
100

50

0

Time--> 5.16 5.18 5.20 5.22 5.24

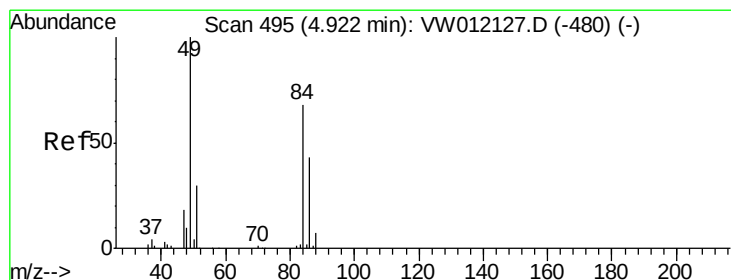
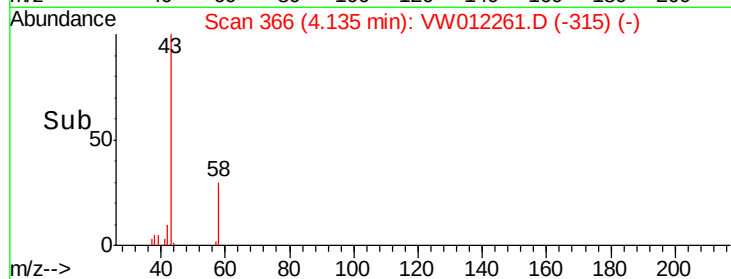
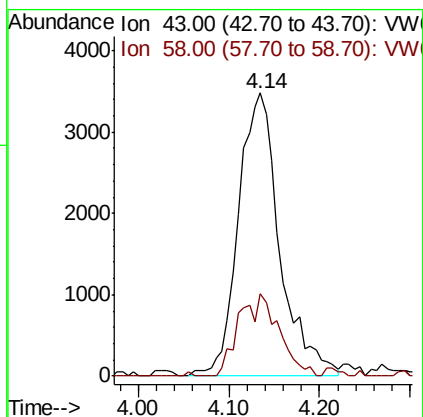
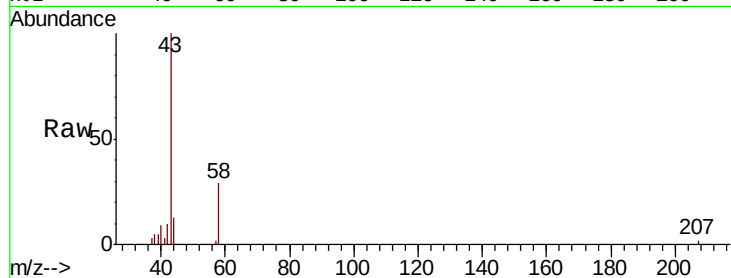




#16
Acetone
Concen: 15.384 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW012261.D
Acq: 28 Aug 2019 18:15

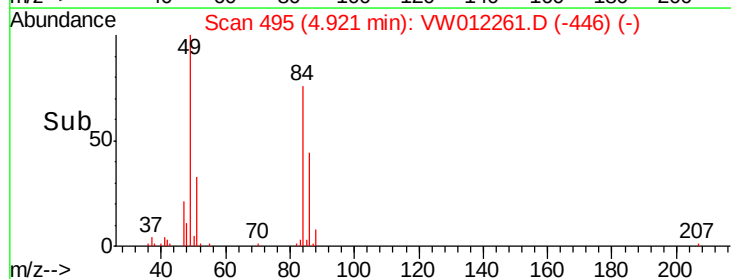
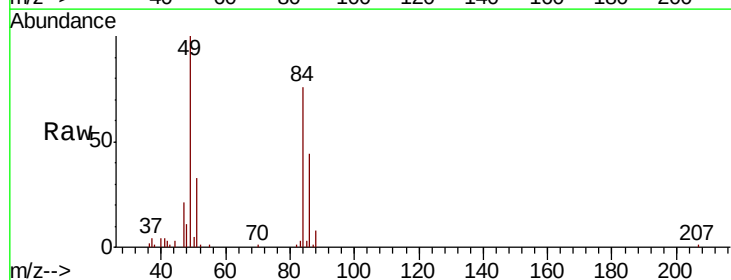
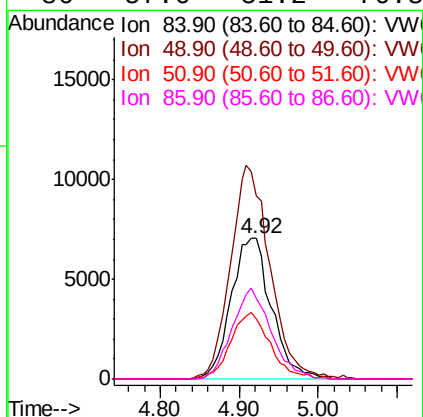
Instrument :
MSVOA_W
ClientSampleId :

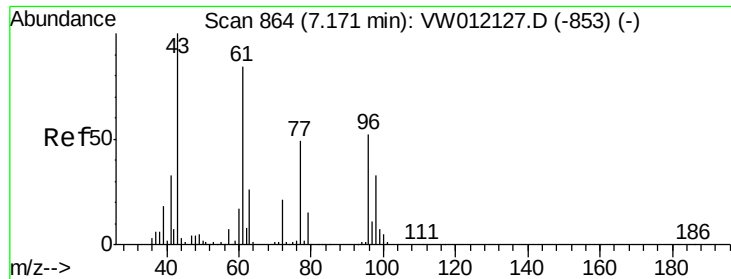
Tgt Ion: 43 Resp: 10995
Ion Ratio Lower Upper
43 100
58 27.8 22.4 33.6



#20
Methylene Chloride
Concen: 9.313 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW012261.D
Acq: 28 Aug 2019 18:15

Tgt Ion: 84 Resp: 25162
Ion Ratio Lower Upper
84 100
49 130.9 117.8 176.8
51 43.0 35.6 53.4
86 57.6 51.2 76.8

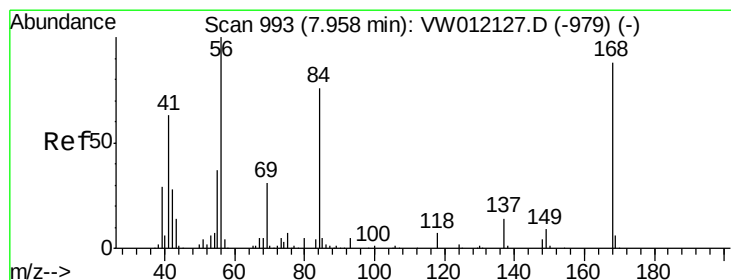
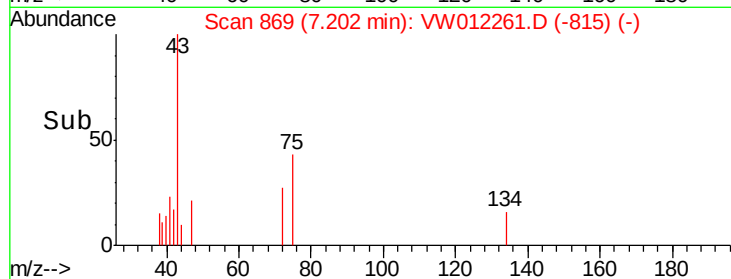
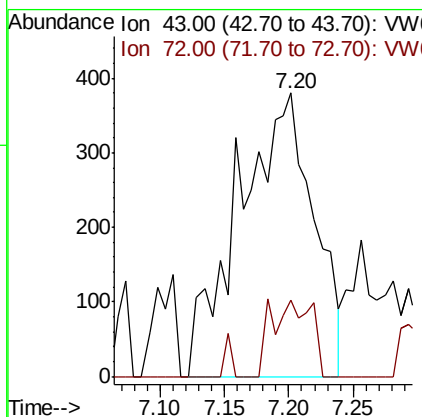
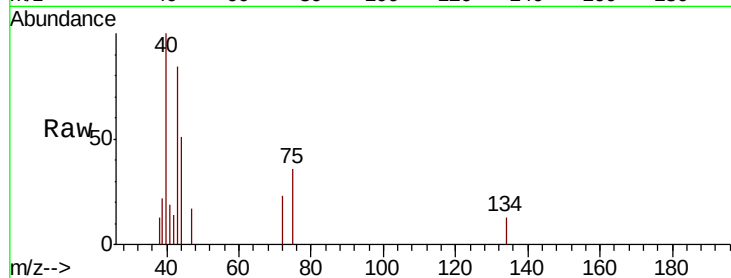




#25
 2-Butanone
 Concen: 1.576 ug/l
 RT: 7.20 min Scan# 869
 Delta R.T. 0.03 min
 Lab File: VW012261.D
 Acq: 28 Aug 2019 18:15

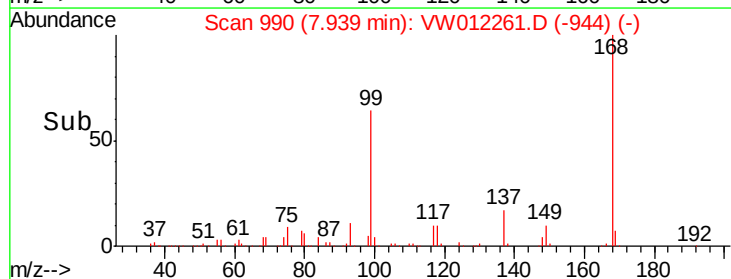
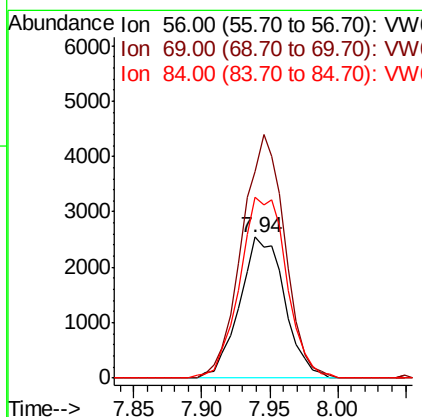
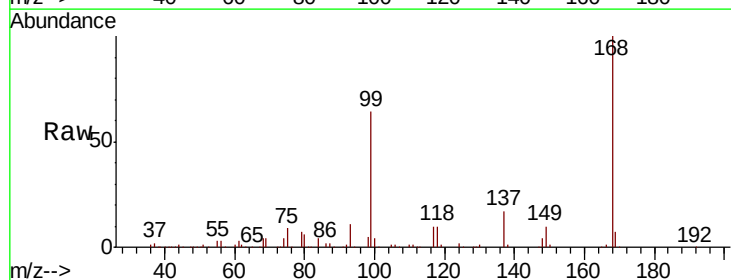
Instrument :
 MSVOA_W
 ClientSampled :

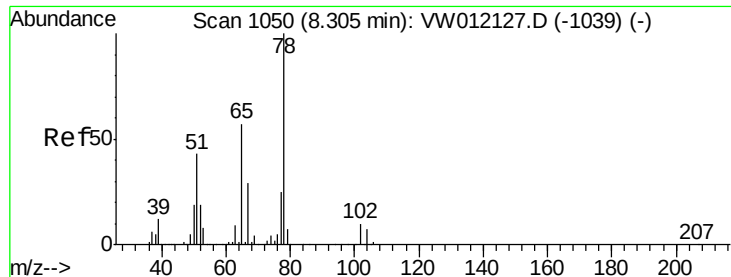
Tgt Ion: 43 Resp: 1531
 Ion Ratio Lower Upper
 43 100
 72 27.1 16.6 24.8#



#31
 Cyclohexane
 Concen: 1.172 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: VW012261.D
 Acq: 28 Aug 2019 18:15

Tgt Ion: 56 Resp: 5900
 Ion Ratio Lower Upper
 56 100
 69 146.7 24.9 37.3#
 84 128.2 60.6 90.8#

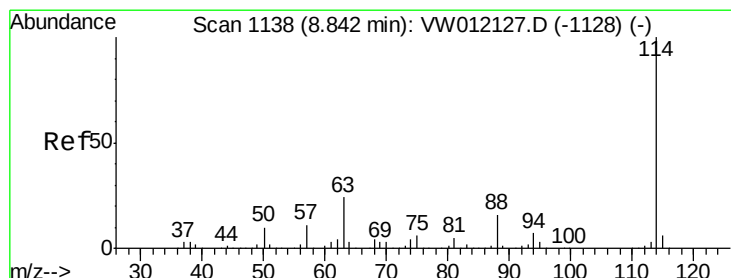
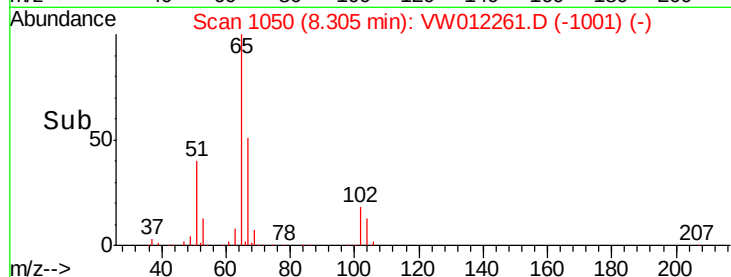
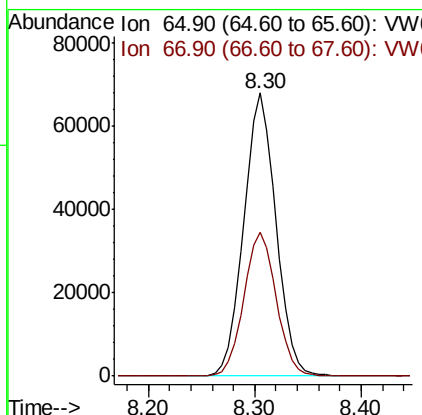
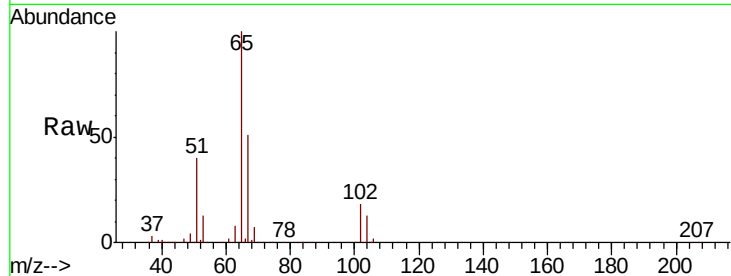




#33
 1,2-Dichloroethane-d4
 Concen: 51.719 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012261.D
 Acq: 28 Aug 2019 18:15

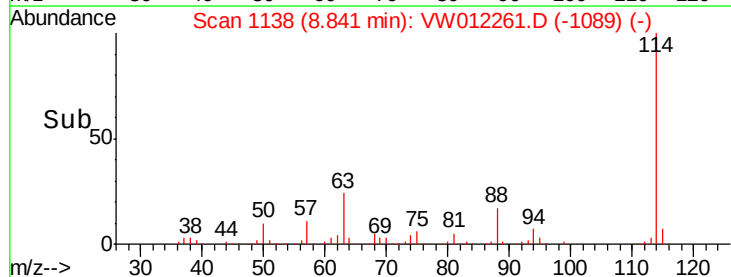
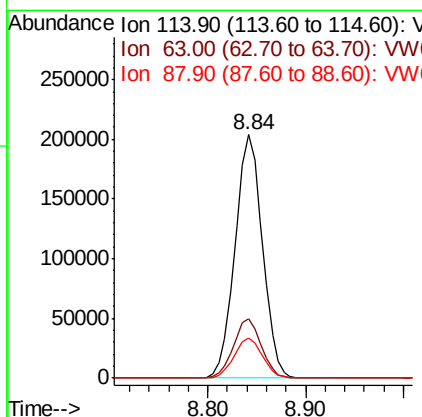
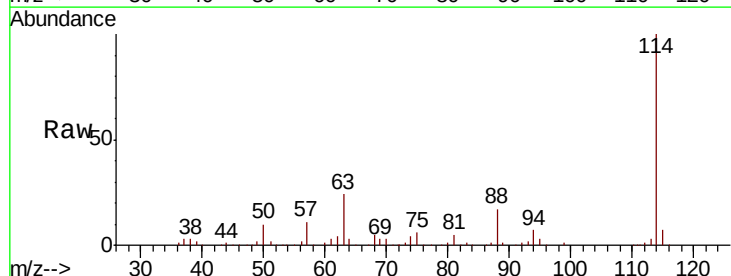
Instrument :
 MSVOA_W
 ClientSampleId :

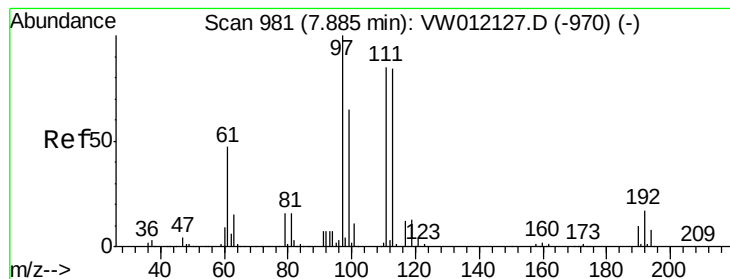
Tgt Ion: 65 Resp: 144605
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012261.D
 Acq: 28 Aug 2019 18:15

Tgt Ion: 114 Resp: 396681
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 48.6
 88 16.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.450 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012261.D

Acq: 28 Aug 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

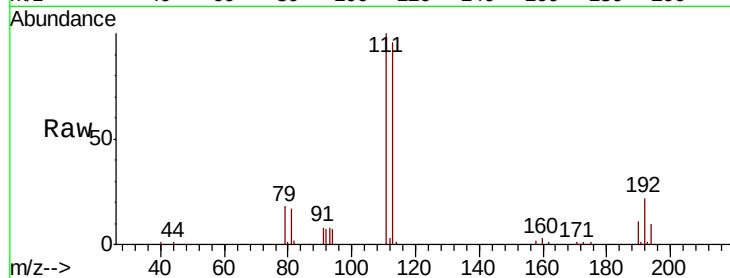
Tgt Ion:113 Resp: 117088

Ion Ratio Lower Upper

113 100

111 103.8 82.7 124.1

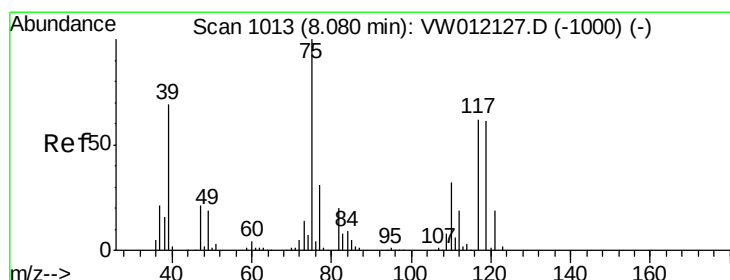
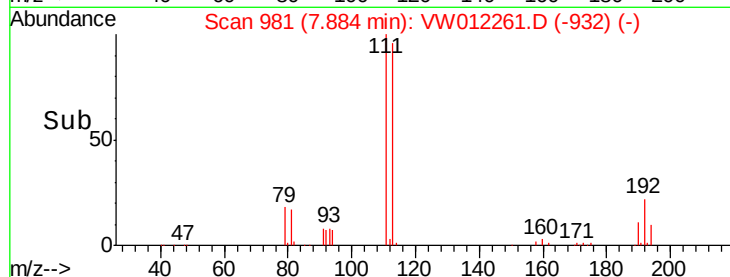
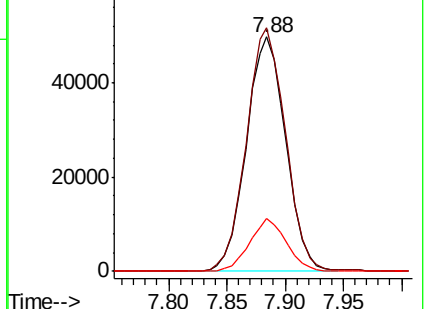
192 21.0 16.2 24.2



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



#36

1,1-Dichloropropene

Concen: 4.924 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW012261.D

Acq: 28 Aug 2019 18:15

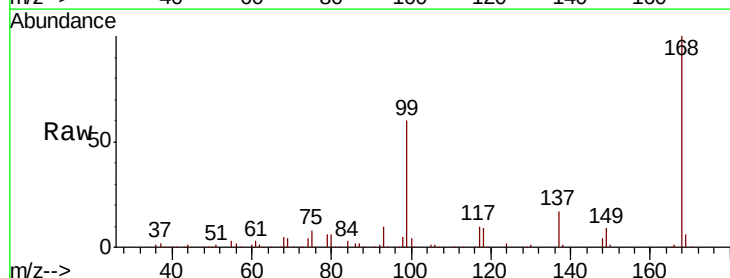
Tgt Ion: 75 Resp: 20184

Ion Ratio Lower Upper

75 100

110 7.7 15.6 46.8#

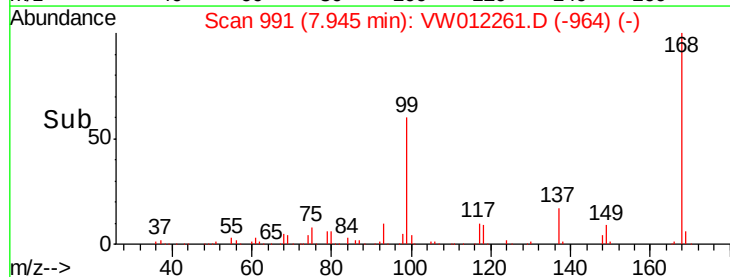
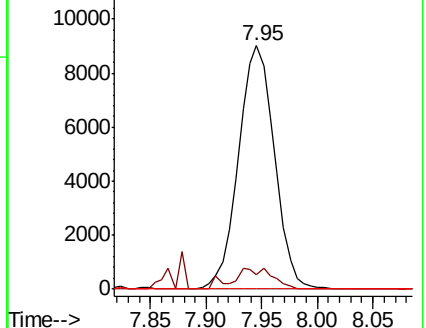
77 0.0 24.6 36.8#

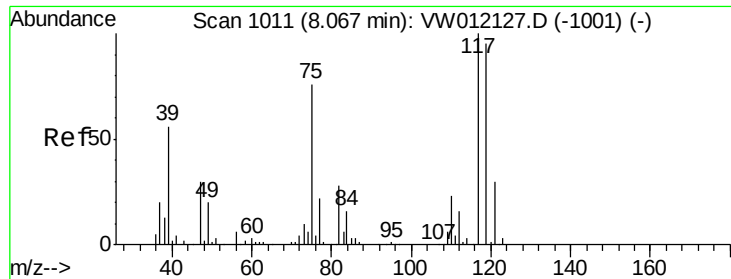


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

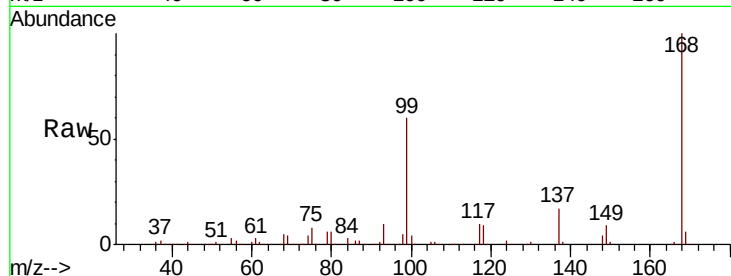




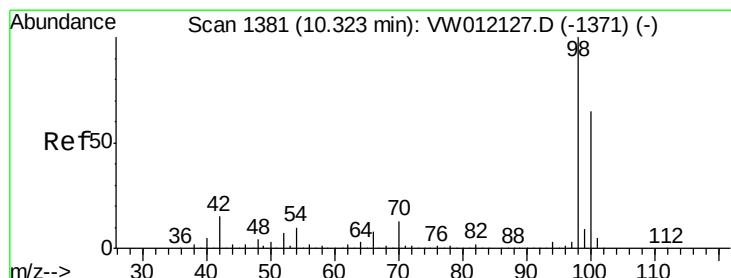
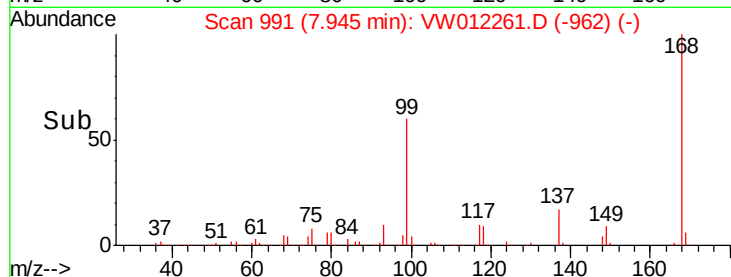
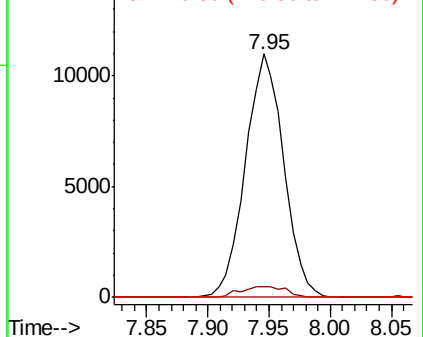
#38
Carbon Tetrachloride
Concen: 6.751 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012261.D
Acq: 28 Aug 2019 18:15

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 117 Resp: 23951
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 23.8 35.8#

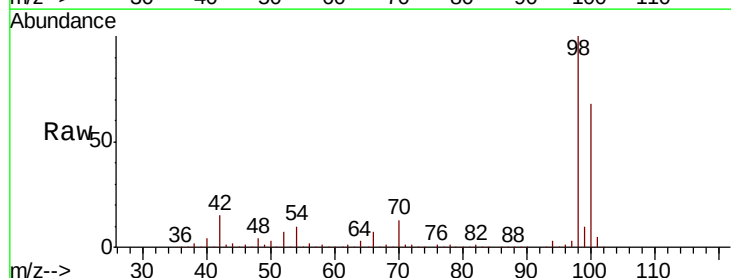


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

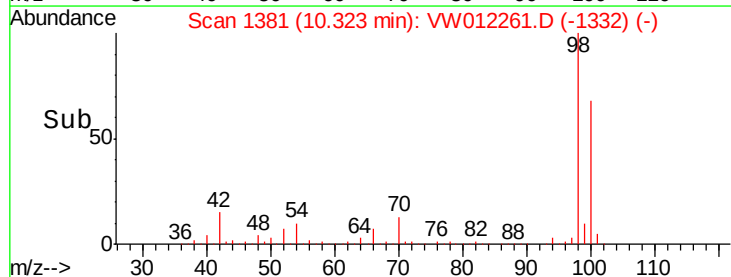
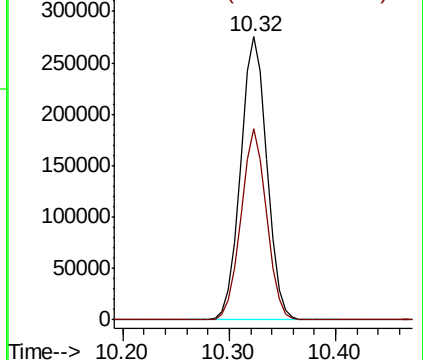


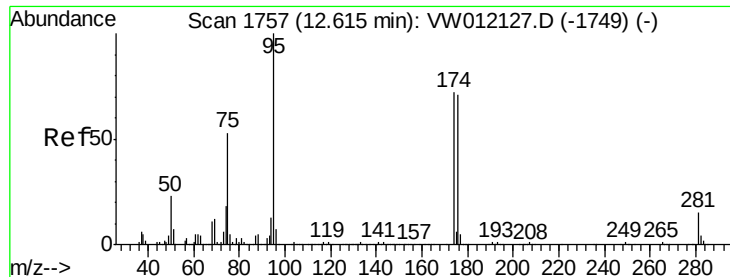
#50
Toluene-d8
Concen: 49.782 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012261.D
Acq: 28 Aug 2019 18:15

Tgt Ion: 98 Resp: 477943
Ion Ratio Lower Upper
98 100
100 65.7 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: 46.058 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012261.D

Acq: 28 Aug 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

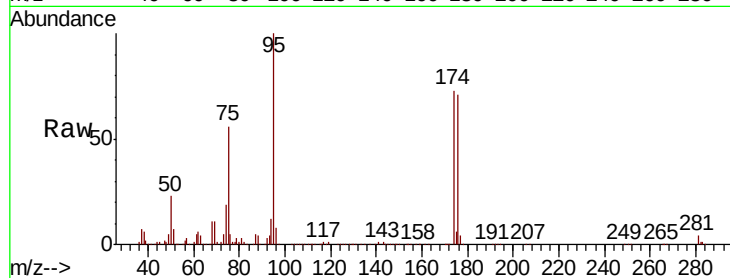
Tgt Ion: 95 Resp: 155872

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.8

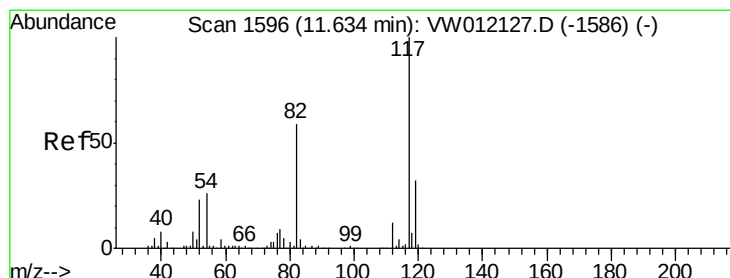
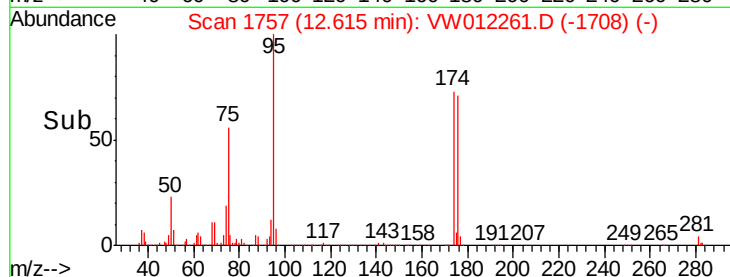
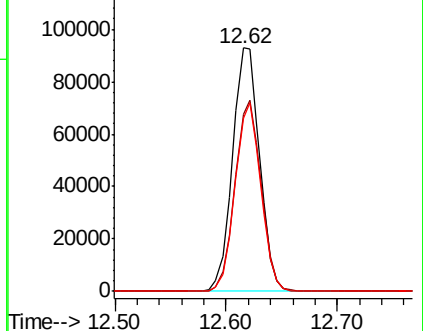
176 73.7 0.0 148.6



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: VW012261.D

Acq: 28 Aug 2019 18:15

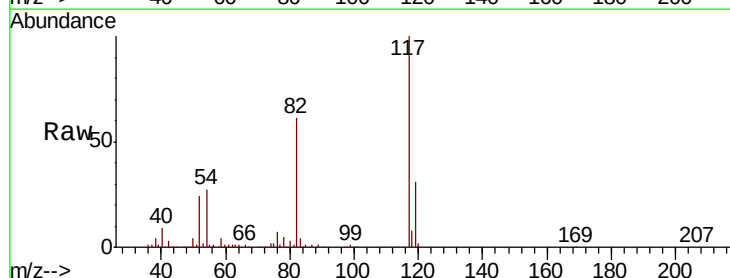
Tgt Ion: 117 Resp: 328791

Ion Ratio Lower Upper

117 100

82 61.4 47.4 71.2

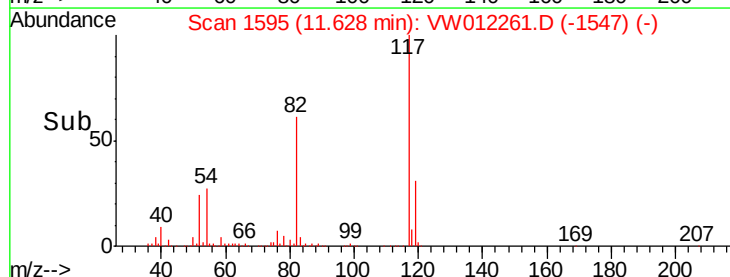
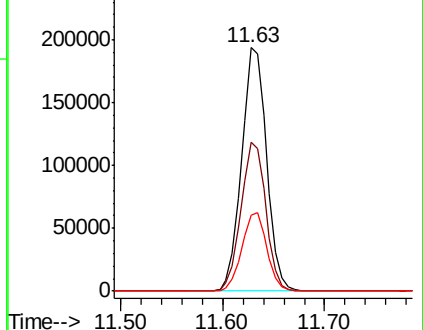
119 31.4 25.4 38.2

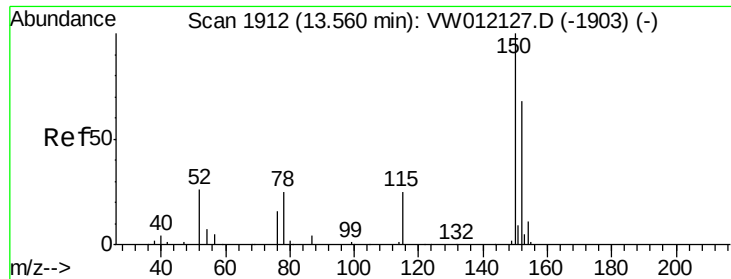


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



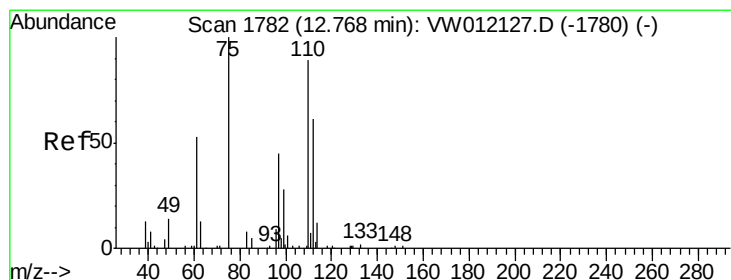
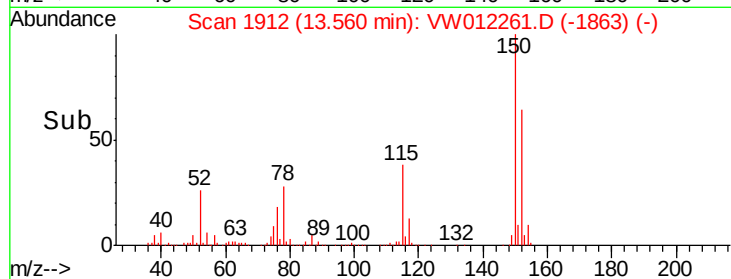
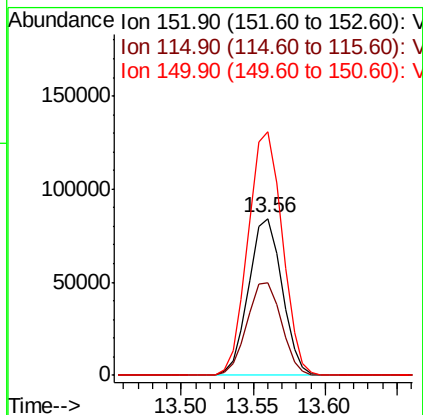
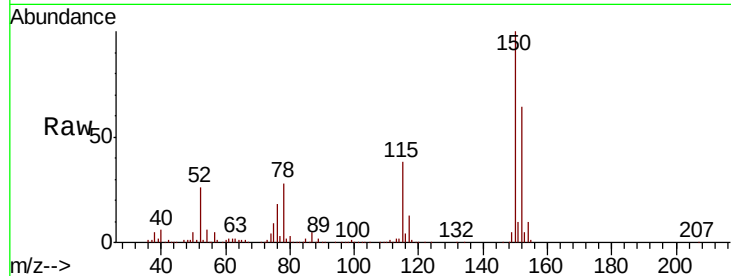


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012261.D
Acq: 28 Aug 2019 18:15

Instrument :
MSVOA_W
ClientSampleId :

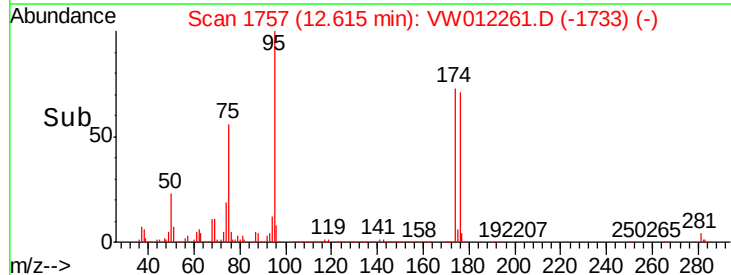
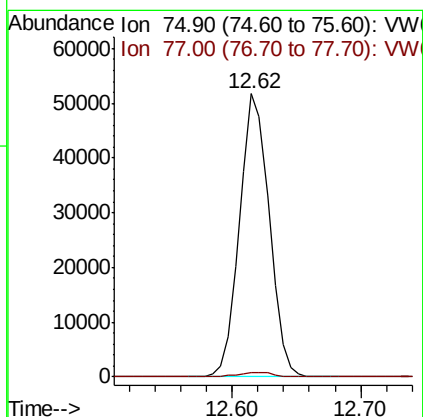
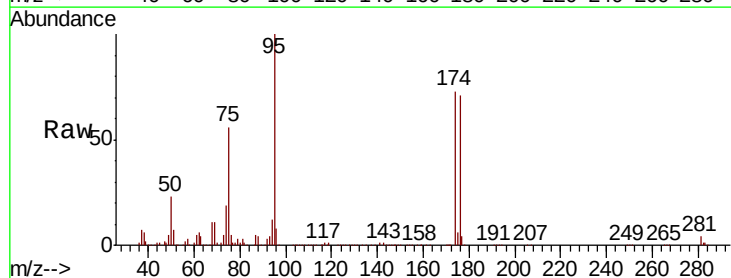
Tgt Ion:152 Resp: 135742
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.3
150 158.9 0.0 345.8

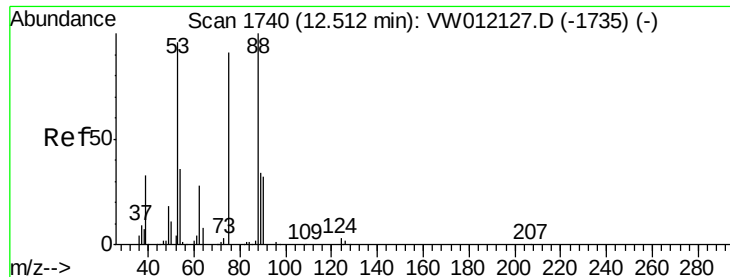


#76

1,2,3-Trichloropropane
Concen: 62.381 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW012261.D
Acq: 28 Aug 2019 18:15

Tgt Ion: 75 Resp: 82469
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

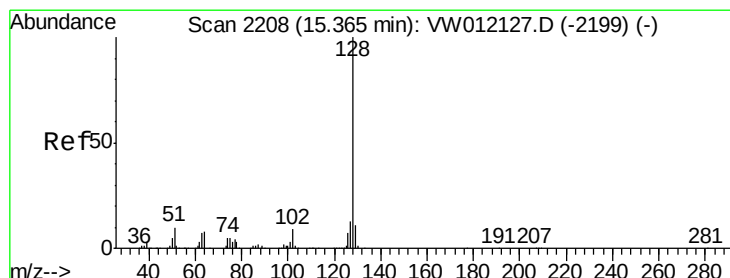
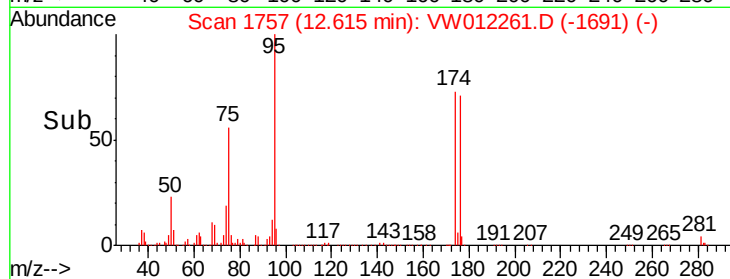
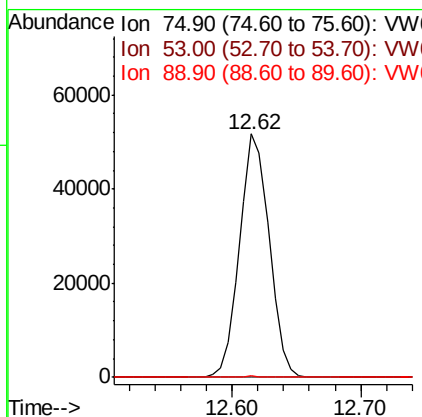
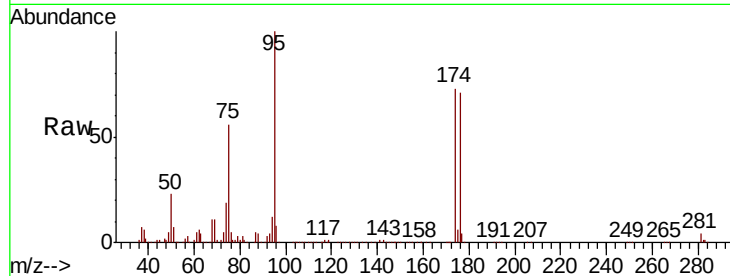




#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.772 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012261.D
 Acq: 28 Aug 2019 18:15

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	89.4	134.0#
89	0.2	34.5	51.7#



#95
 Naphthalene
 Concen: 4.350 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VW012261.D
 Acq: 28 Aug 2019 18:15

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.7	13.1#

