

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081619\
 Data File : VW011936.D
 Acq On : 15 Aug 2019 18:44
 Operator : SY/VA
 Sample : K4339-02RE
 Misc : 5.33G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-A1-(0)RE

Quant Time: Aug 16 04:35:36 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	196564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	331289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	251085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	72507	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	133459	59.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.26%	
35) Dibromofluoromethane	7.88	113	103487	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.36%	
50) Toluene-d8	10.32	98	395685	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.62	95	104499	38.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.04%	

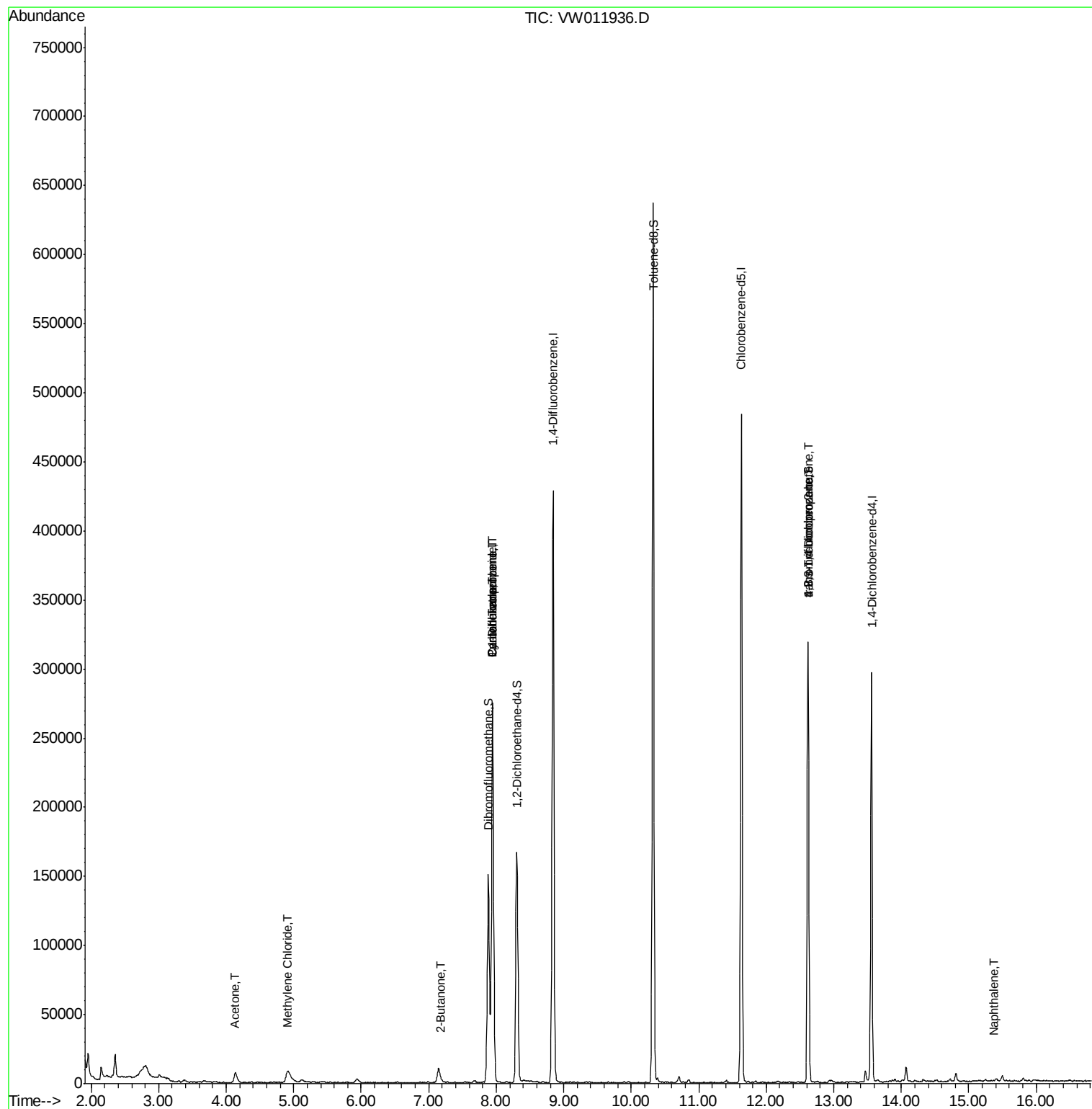
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	162	Below Cal	#	51
16) Acetone	4.14	43	14496	20.190	ug/l	96
20) Methylene Chloride	4.90	84	6102	2.464	ug/l	87
25) 2-Butanone	7.18	43	2072	2.205	ug/l #	86
31) Cyclohexane	7.94	56	5055	1.198	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	17077	4.957	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20138	6.829	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	56555	73.715	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56555	169.888	ug/l #	6
95) Naphthalene	15.36	128	564	2.255	ug/l #	91

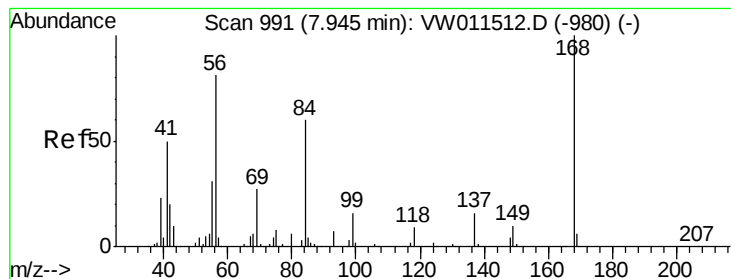
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081619\
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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: VW011936.D

Acq: 15 Aug 2019 18:44

Instrument :

MSVOA_W

ClientSampleId :

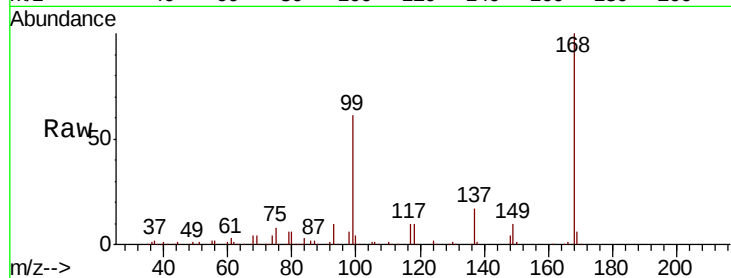
T8-A1-(0)RE

Tgt Ion:168 Resp: 196564

Ion Ratio Lower Upper

168 100

99 60.6 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

80000

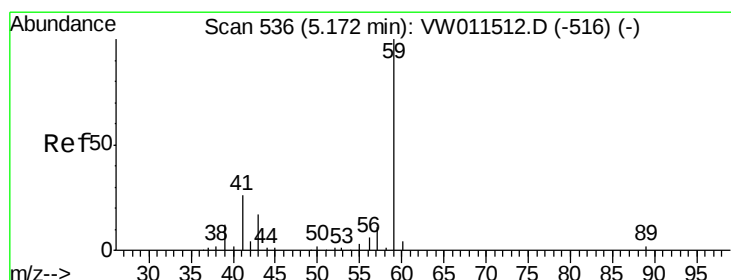
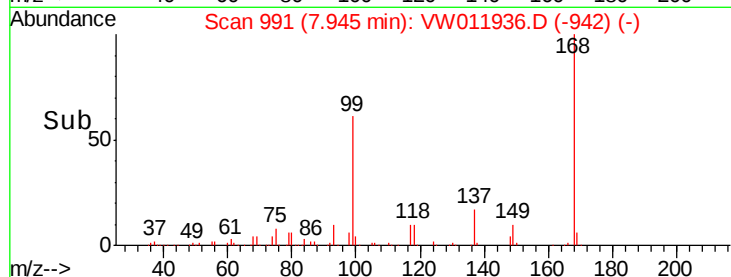
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 540

Delta R.T. 0.02 min

Lab File: VW011936.D

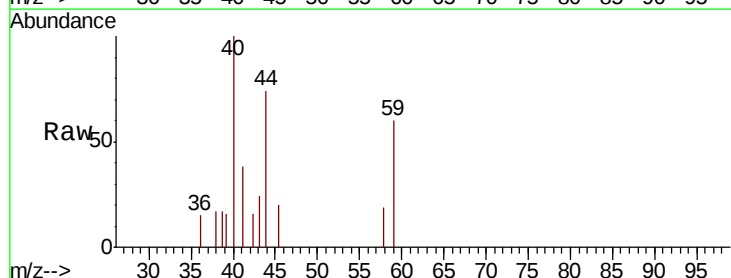
Acq: 15 Aug 2019 18:44

Tgt Ion: 59 Resp: 162

Ion Ratio Lower Upper

59 100

57 29.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

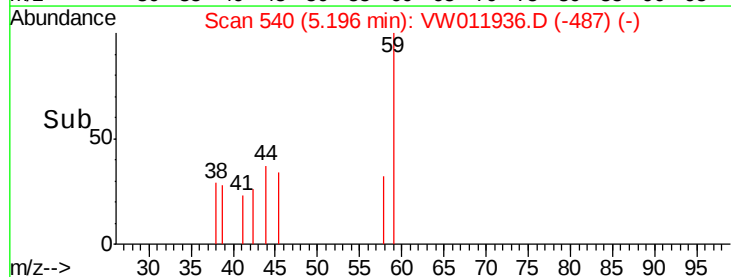
300

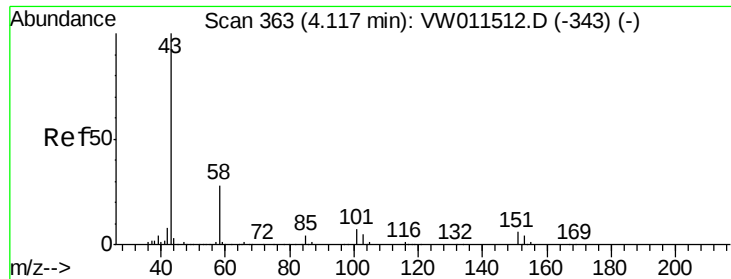
200

100

0

Time-->

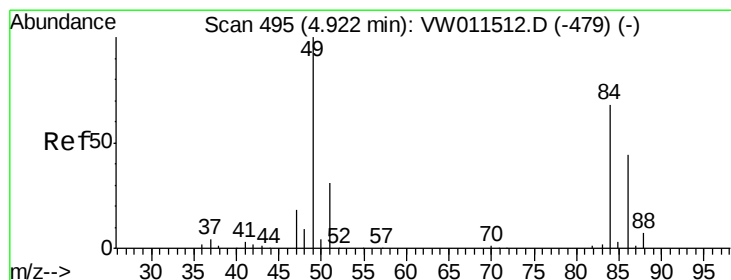
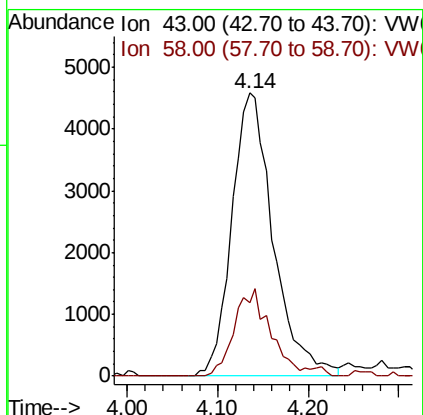
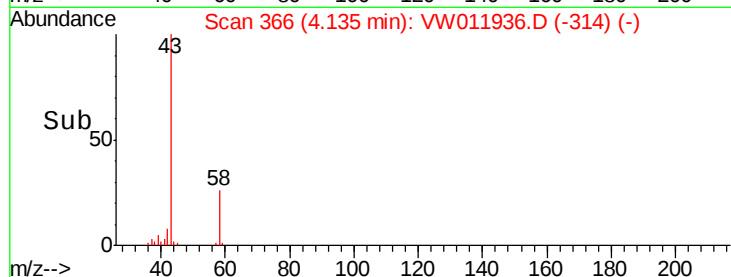
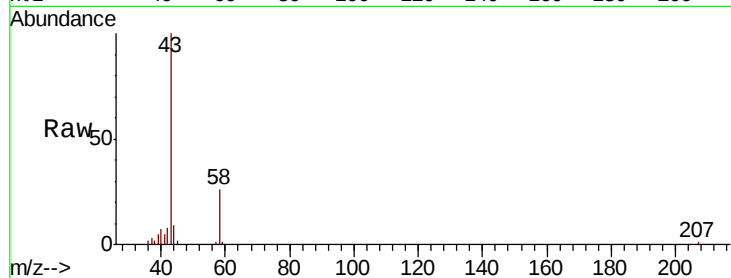




#16
Acetone
Concen: 20.190 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW011936.D
Acq: 15 Aug 2019 18:44

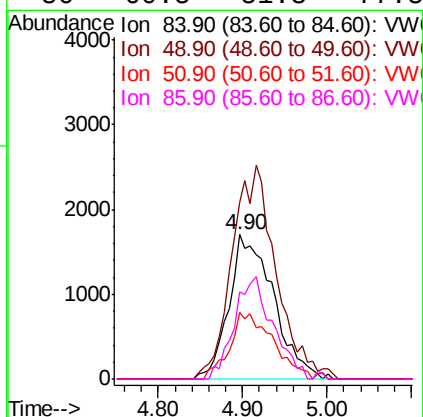
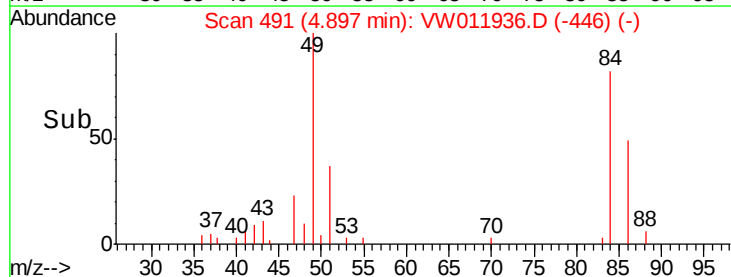
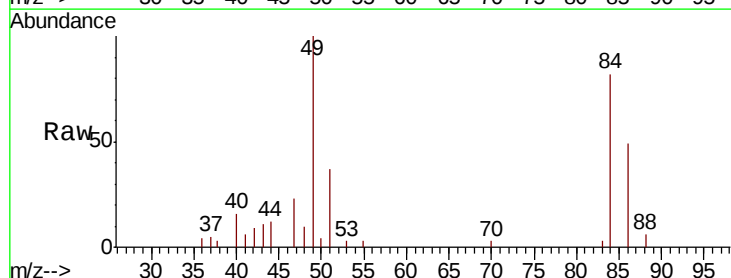
Instrument :
MSVOA_W
ClientSampleId :
T8-A1-(0)RE

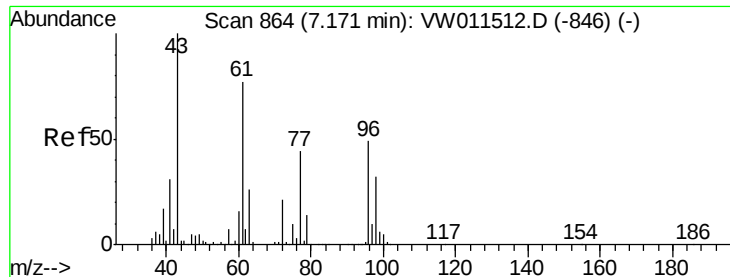
Tgt Ion: 43 Resp: 14496
Ion Ratio Lower Upper
43 100
58 26.0 22.3 33.5



#20
Methylene Chloride
Concen: 2.464 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.02 min
Lab File: VW011936.D
Acq: 15 Aug 2019 18:44

Tgt Ion: 84 Resp: 6102
Ion Ratio Lower Upper
84 100
49 122.4 117.8 176.6
51 45.7 37.0 55.4
86 60.5 51.8 77.8





#25

2-Butanone

Concen: 2.205 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW011936.D

Acq: 15 Aug 2019 18:44

Instrument :

MSVOA_W

ClientSampled :

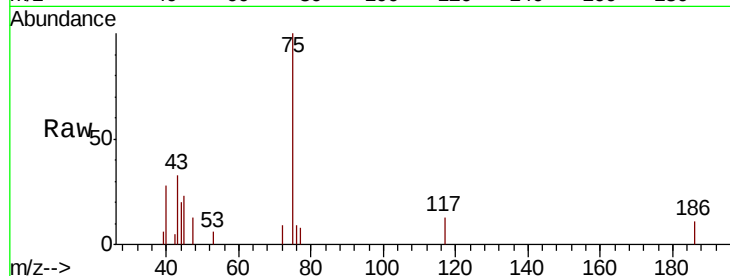
T8-A1-(0)RE

Tgt Ion: 43 Resp: 2072

Ion Ratio Lower Upper

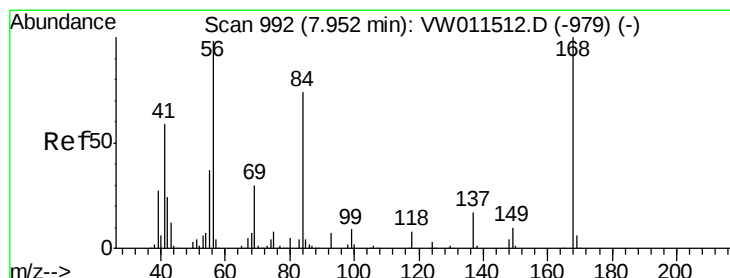
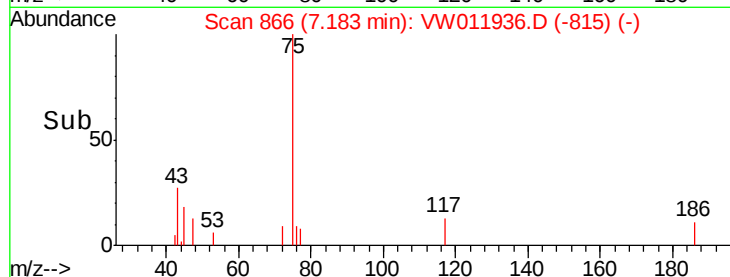
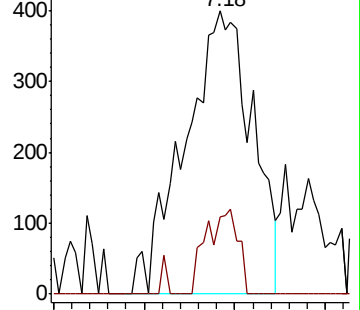
43 100

72 27.3 16.6 24.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.198 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011936.D

Acq: 15 Aug 2019 18:44

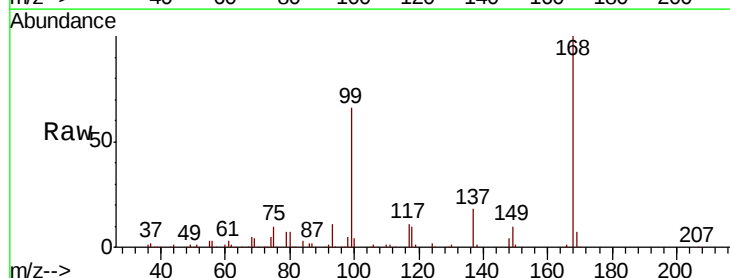
Tgt Ion: 56 Resp: 5055

Ion Ratio Lower Upper

56 100

69 164.7 24.3 36.5#

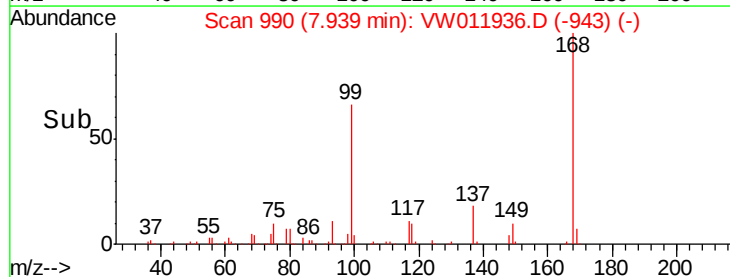
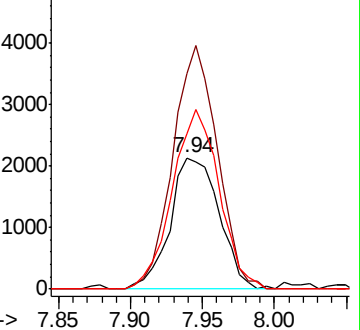
84 118.5 60.4 90.6#

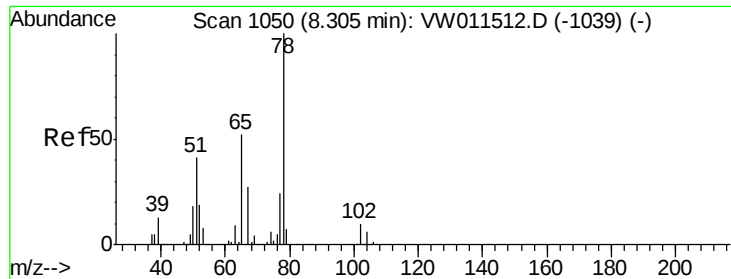


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

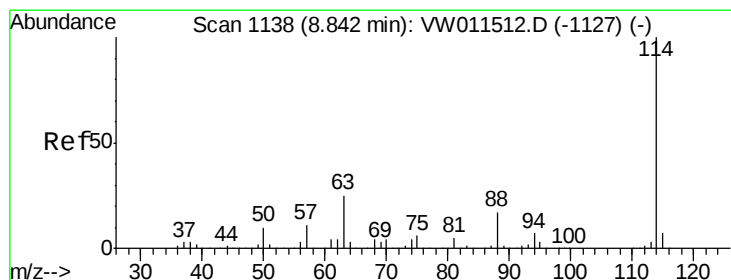
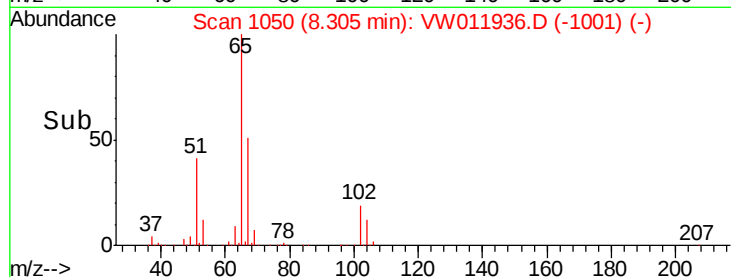
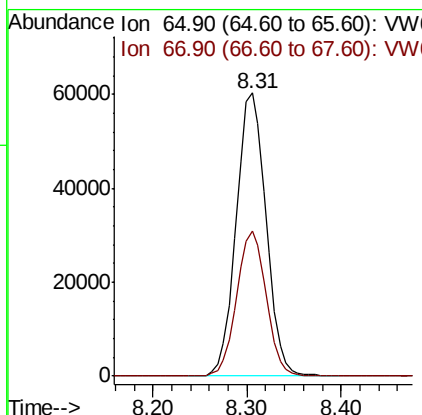
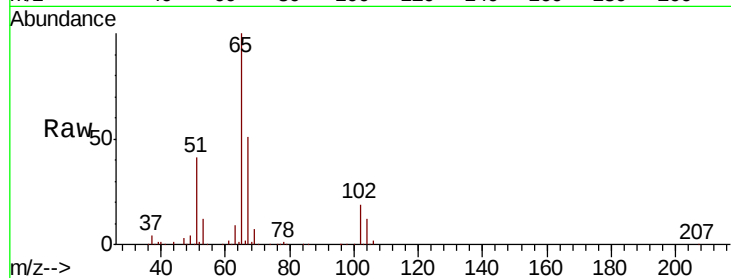




#33
 1,2-Dichloroethane-d4
 Concen: 59.128 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011936.D
 Acq: 15 Aug 2019 18:44

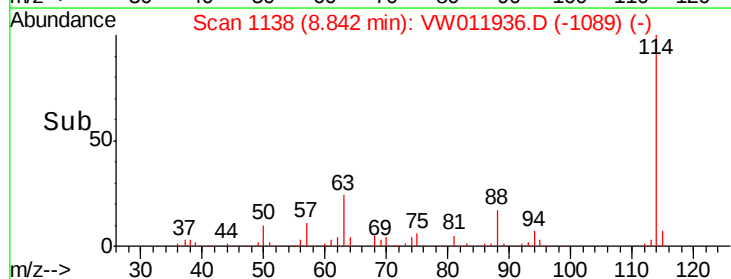
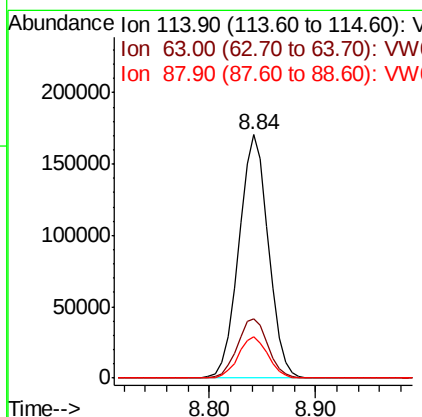
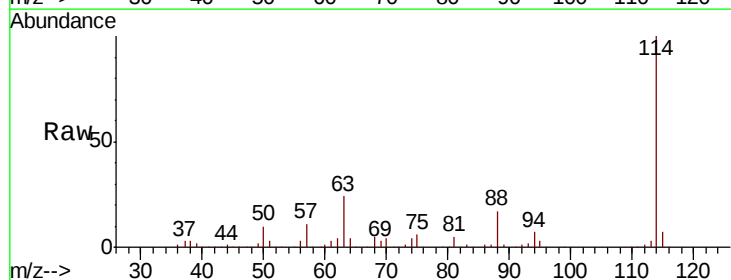
Instrument :
 MSVOA_W
 ClientSampleId :
 T8-A1-(0)RE

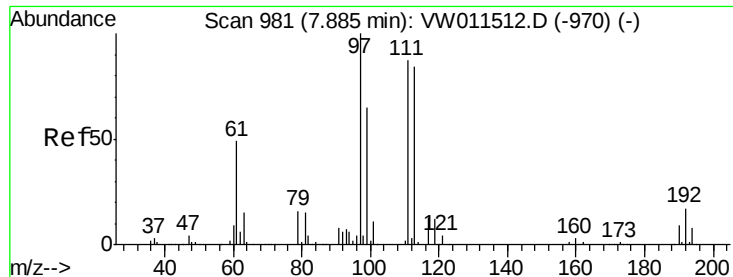
Tgt Ion: 65 Resp: 133459
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011936.D
 Acq: 15 Aug 2019 18:44

Tgt Ion: 114 Resp: 331289
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.2
 88 16.9 0.0 33.8

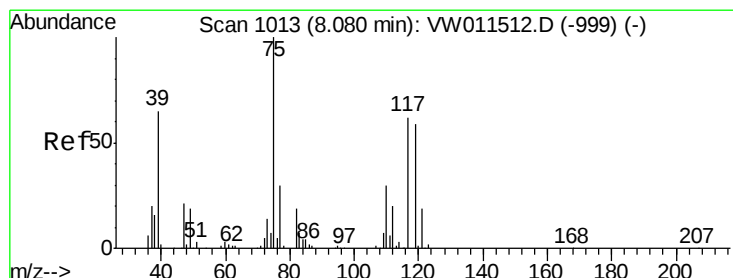
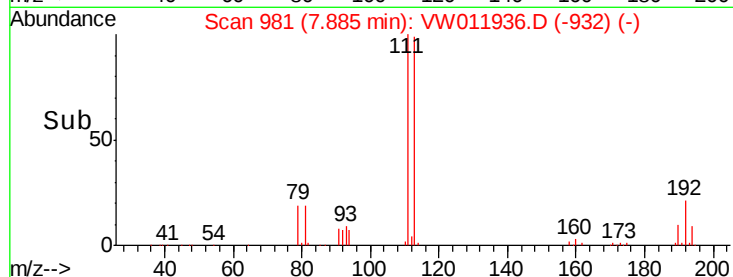
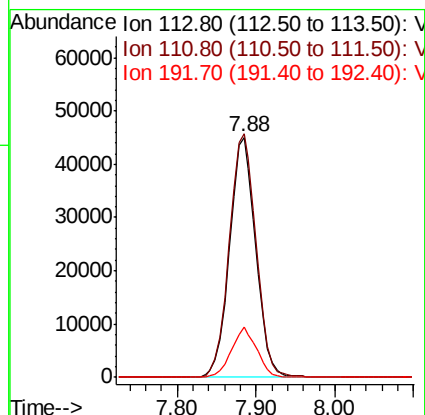
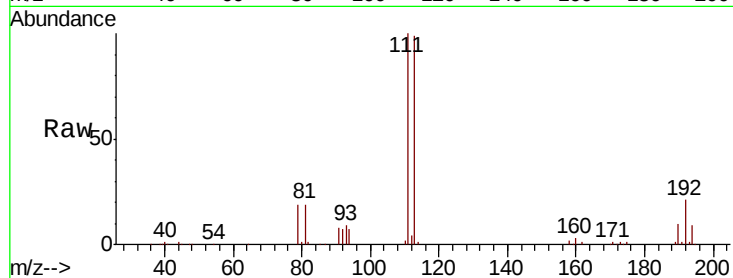




#35
 Dibromofluoromethane
 Concen: 55.680 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011936.D
 Acq: 15 Aug 2019 18:44

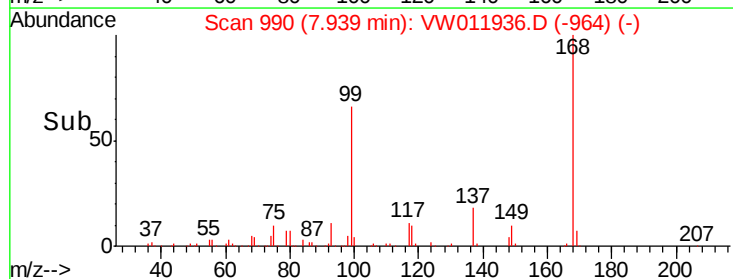
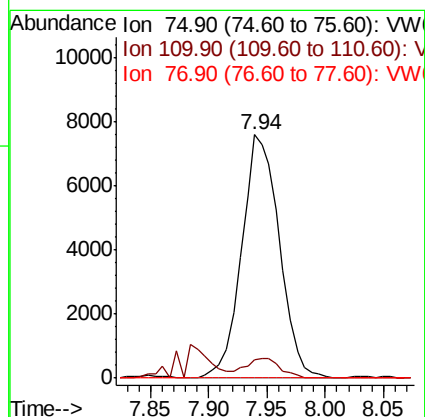
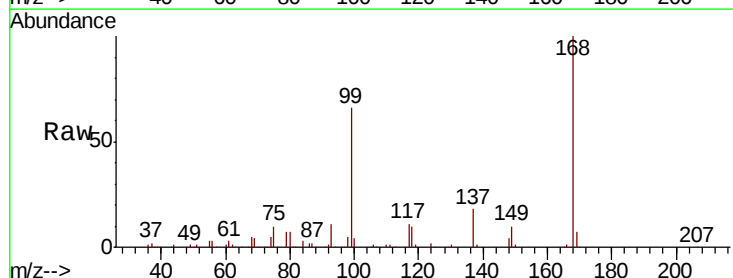
Instrument :
 MSVOA_W
 ClientSampleId :
 T8-A1-(0)RE

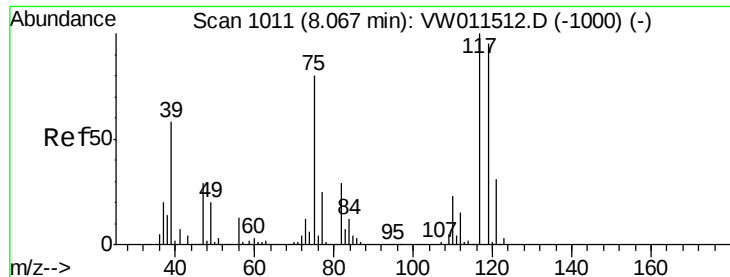
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.7	124.1
192	20.2	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 4.957 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011936.D
 Acq: 15 Aug 2019 18:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	15.6	46.8#
77	0.0	24.3	36.5#

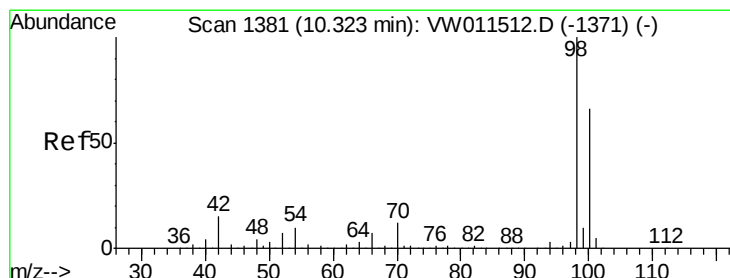
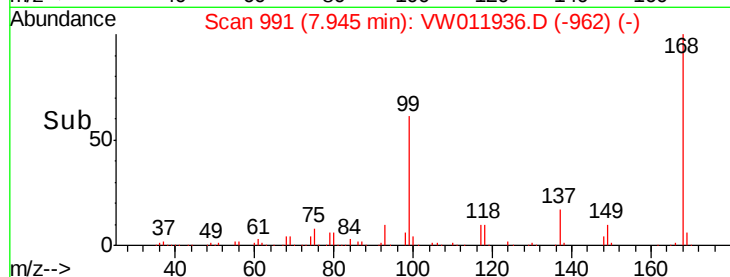
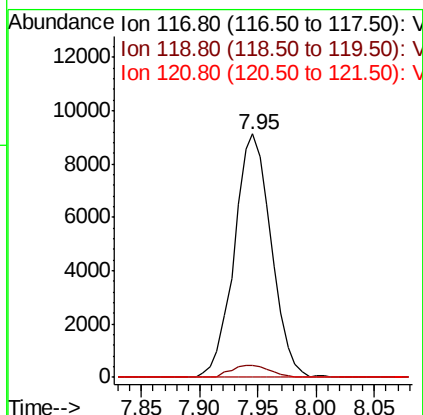
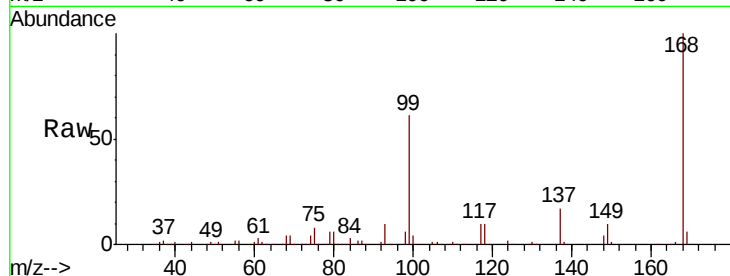




#38
Carbon Tetrachloride
Concen: 6.829 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011936.D
Acq: 15 Aug 2019 18:44

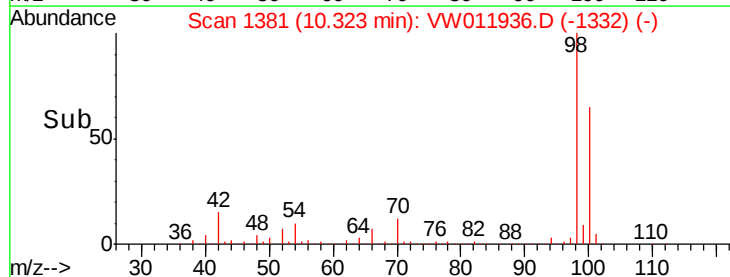
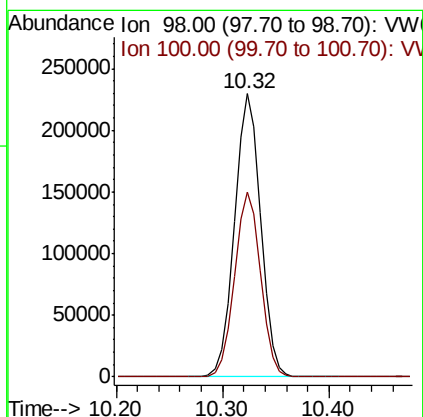
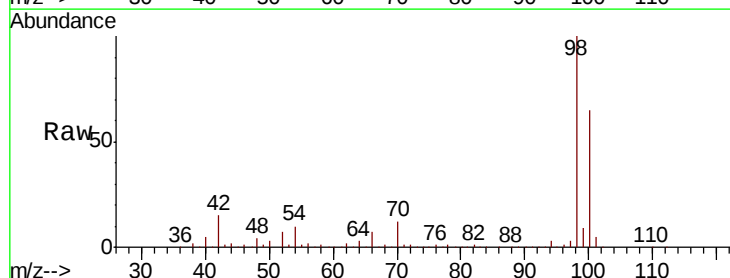
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T8-A1-(0)RE

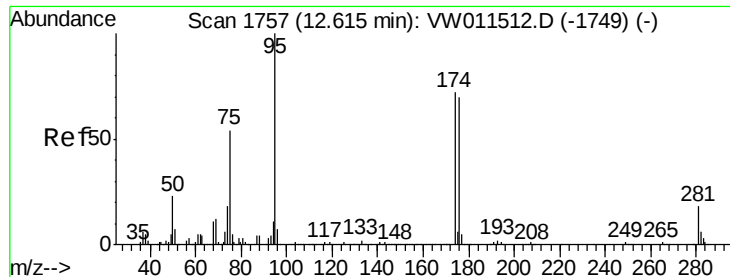
Tgt Ion: 117 Resp: 20138
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.998 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011936.D
Acq: 15 Aug 2019 18:44

Tgt Ion: 98 Resp: 395685
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 38.518 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011936.D

Acq: 15 Aug 2019 18:44

Instrument :

MSVOA_W

ClientSampleId :

T8-A1-(0)RE

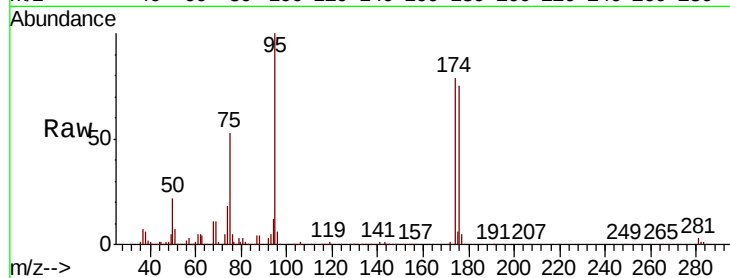
Tgt Ion: 95 Resp: 104499

Ion Ratio Lower Upper

95 100

174 76.7 0.0 150.2

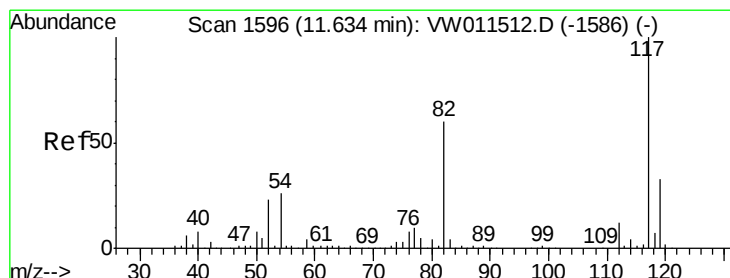
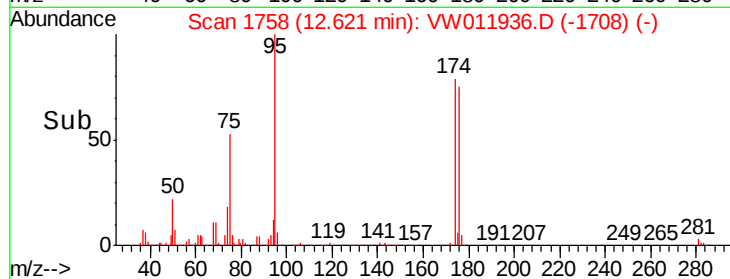
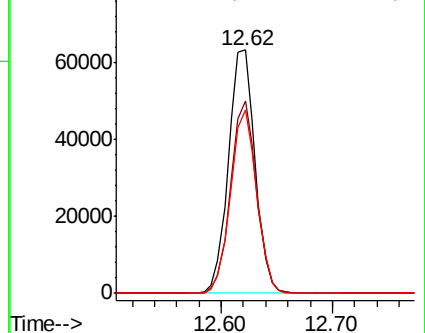
176 73.7 0.0 144.4



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# 1596

Delta R.T. -0.00 min

Lab File: VW011936.D

Acq: 15 Aug 2019 18:44

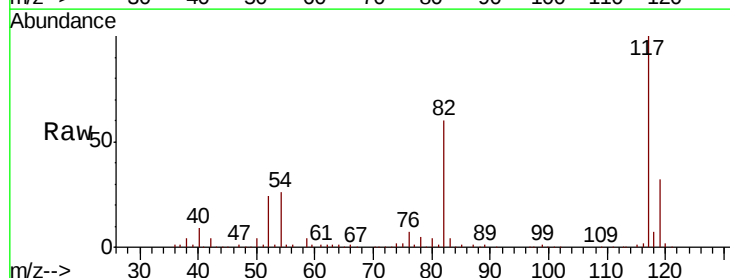
Tgt Ion: 117 Resp: 251085

Ion Ratio Lower Upper

117 100

82 59.7 47.9 71.9

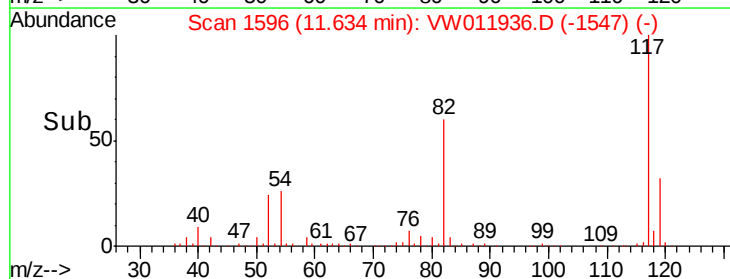
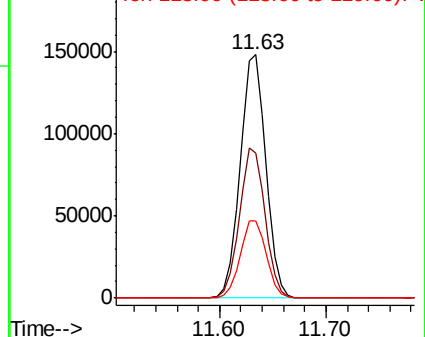
119 31.9 26.2 39.2

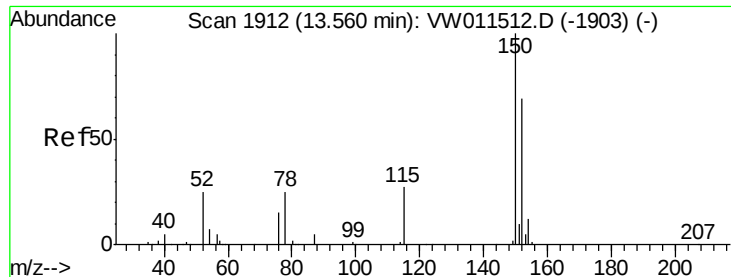


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



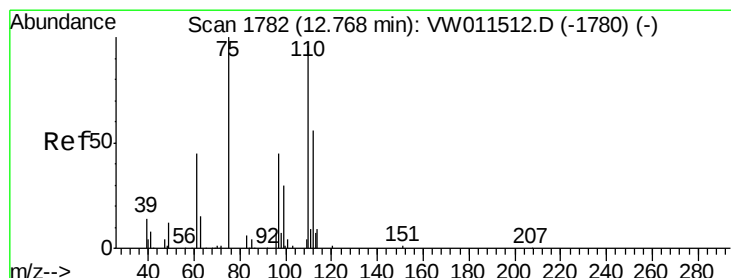
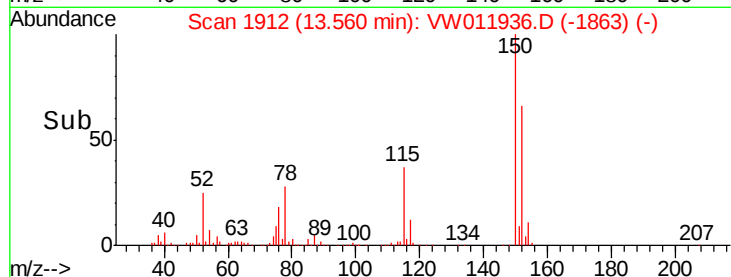
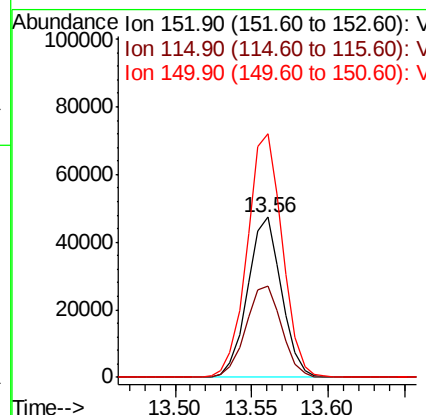
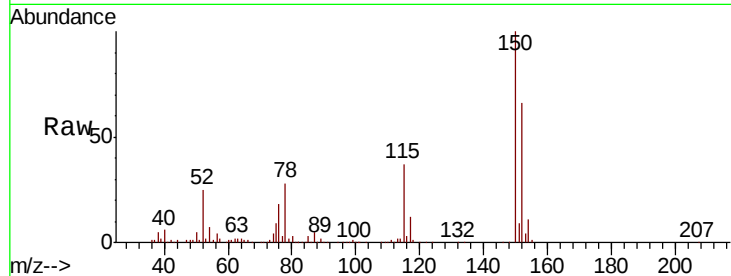


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011936.D
Acq: 15 Aug 2019 18:44

Instrument :
MSVOA_W
ClientSampleId :
T8-A1-(0)RE

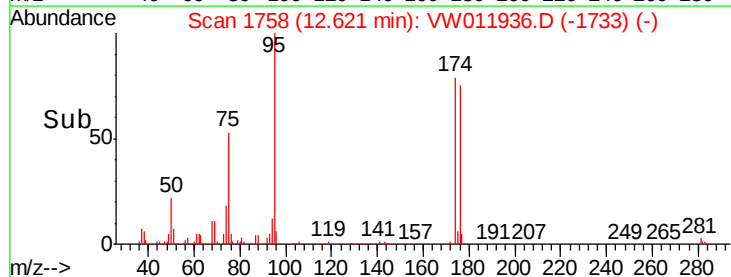
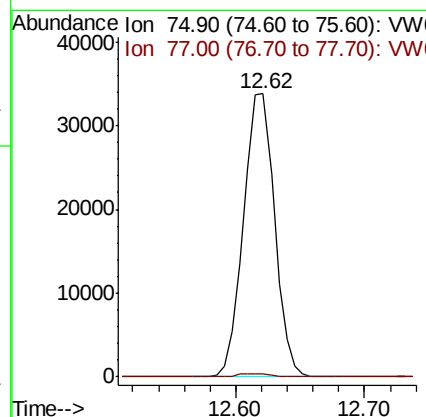
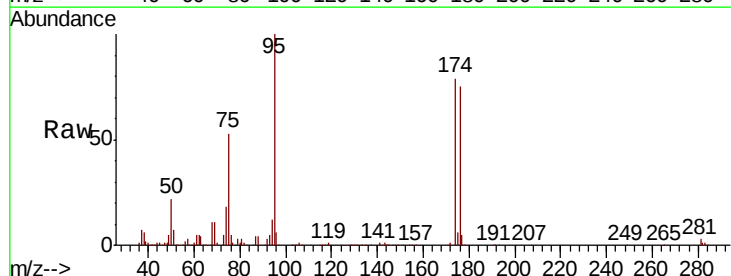
Tgt Ion:152 Resp: 72507
Ion Ratio Lower Upper
152 100
115 60.3 30.5 91.5
150 158.2 0.0 352.6

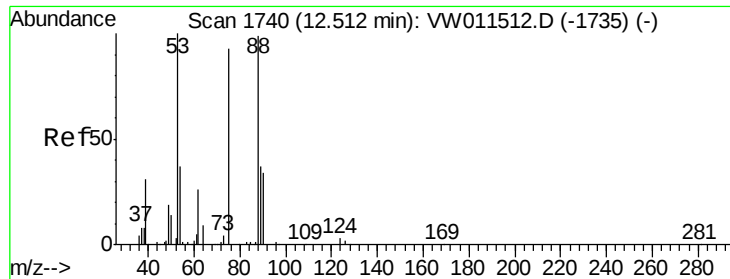


#76

1,2,3-Trichloropropane
Concen: 73.715 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW011936.D
Acq: 15 Aug 2019 18:44

Tgt Ion: 75 Resp: 56555
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

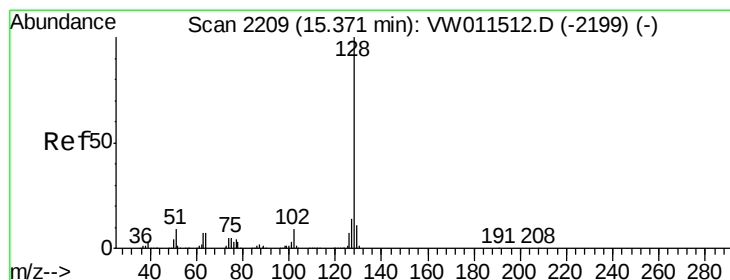
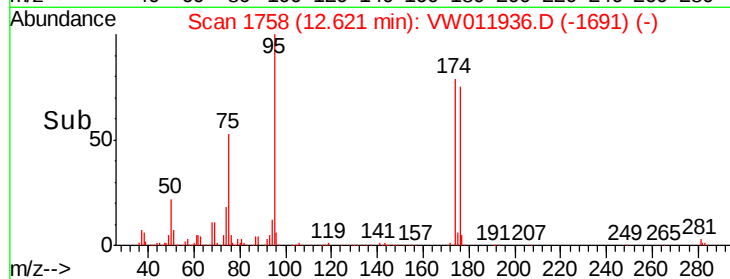
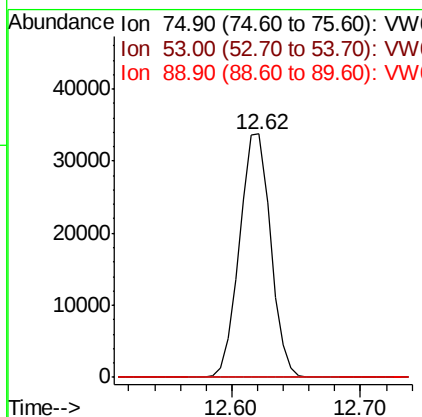
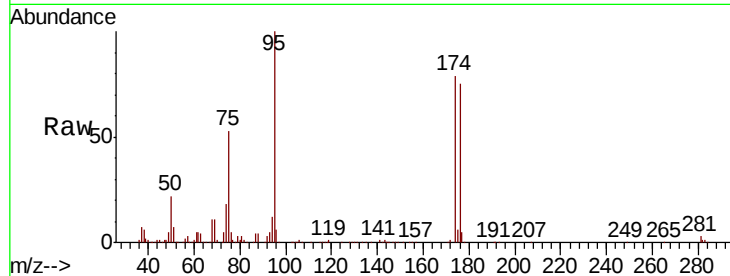




#81
trans-1,4-Dichloro-2-butene
Concen: 169.888 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW011936.D
Acq: 15 Aug 2019 18:44

Instrument :
MSVOA_W
ClientSampleId :
T8-A1-(0)RE

Tgt Ion: 75 Resp: 56555
Ion Ratio Lower Upper
75 100
53 0.2 88.0 132.0#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 2.255 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011936.D
Acq: 15 Aug 2019 18:44

Tgt Ion: 128 Resp: 564
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 4.1 8.6 13.0#

