

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015815.D
 Acq On : 08 Jul 2020 17:41
 Operator : SY/VA
 Sample : L3203-13
 Misc : 6.12G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-06

Quant Time: Jul 09 04:42:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	95567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	156815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	143395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60508	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	60150	61.12	ug/l	0.00
Spiked Amount			Recovery	=	122.24%	
35) Dibromofluoromethane	7.89	113	51773	56.59	ug/l	0.00
Spiked Amount			Recovery	=	113.18%	
50) Toluene-d8	10.32	98	195273	55.57	ug/l	0.00
Spiked Amount			Recovery	=	111.14%	
62) 4-Bromofluorobenzene	12.62	95	62647	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	

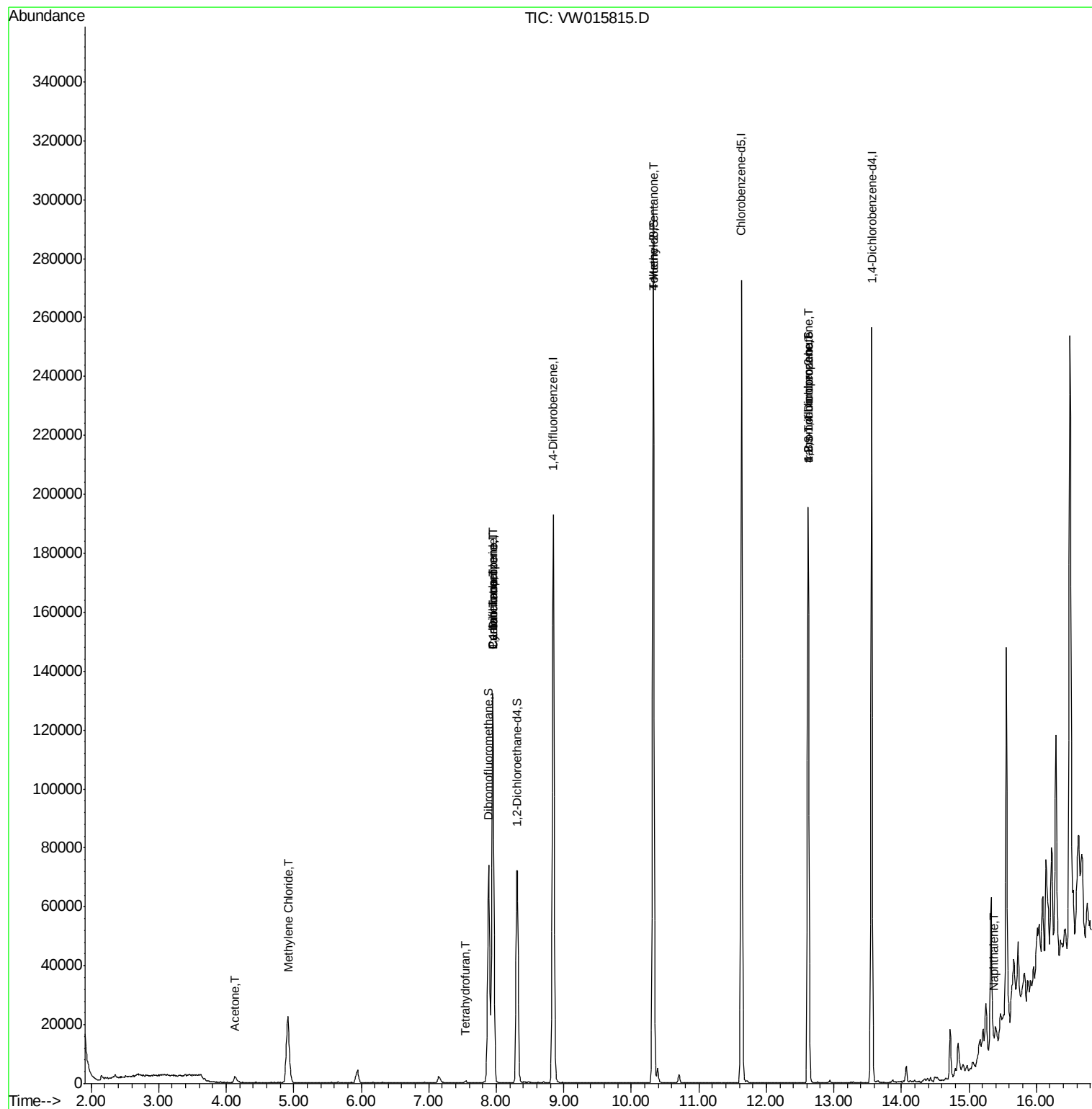
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	4197	22.793	ug/l #	81
20) Methylene Chloride	4.92	84	16244	13.881	ug/l	95
29) Tetrahydrofuran	7.54	42	422	2.782	ug/l #	81
31) Cyclohexane	7.95	56	2318	1.361	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	8074	5.223	ug/l #	51
38) Carbon Tetrachloride	7.95	117	9928	6.637	ug/l #	18
51) 4-Methyl-2-Pentanone	10.33	43	953	1.666	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	34418	64.722	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	34418	139.566	ug/l #	7
95) Naphthalene	15.37	128	650	3.124	ug/l #	73

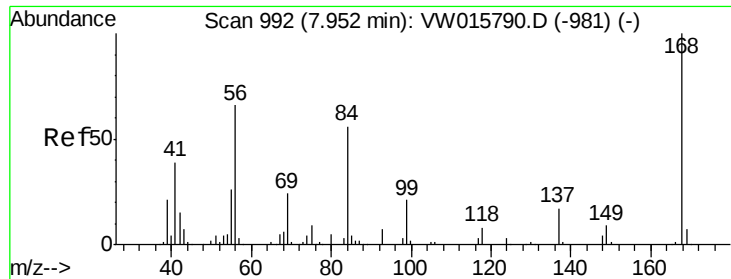
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070820\
Data File : VW015815.D
Acq On : 08 Jul 2020 17:41
Operator : SY/VA
Sample : L3203-13
Misc : 6.12G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RO-06

Quant Time: Jul 09 04:42:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 08:28:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015815.D

Acq: 08 Jul 2020 17:41

Instrument :

MSVOA_W

ClientSampleId :

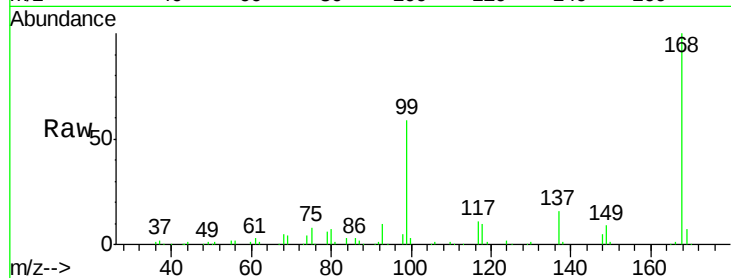
RO-06

Tot Ion:168 Resp: 95567

Ion Ratio Lower Upper

168 100

99 58.9 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

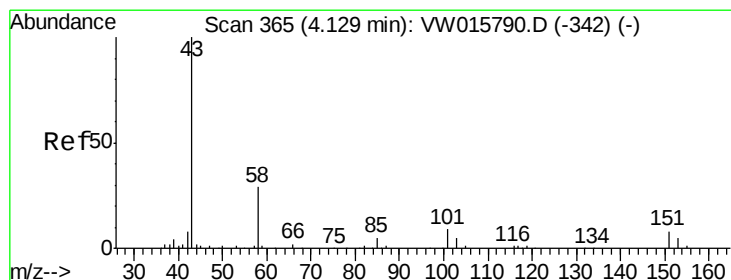
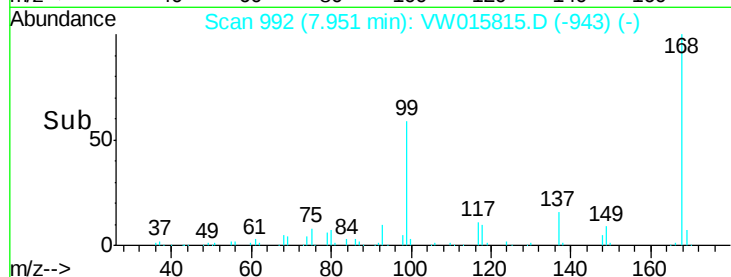
20000

10000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 22.793 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW015815.D

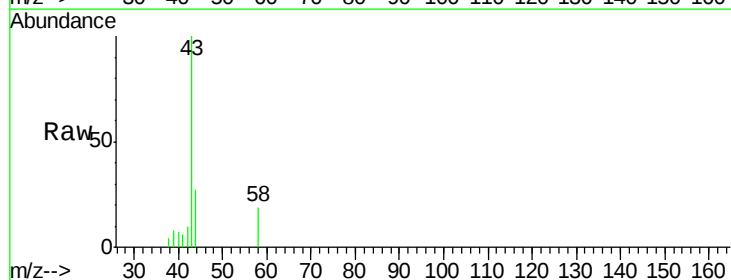
Acq: 08 Jul 2020 17:41

Tgt Ion: 43 Resp: 4197

Ion Ratio Lower Upper

43 100

58 19.2 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1500

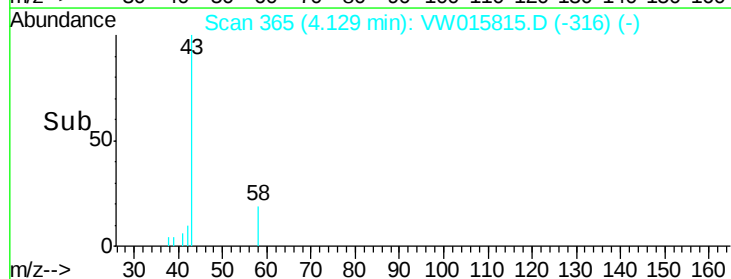
1000

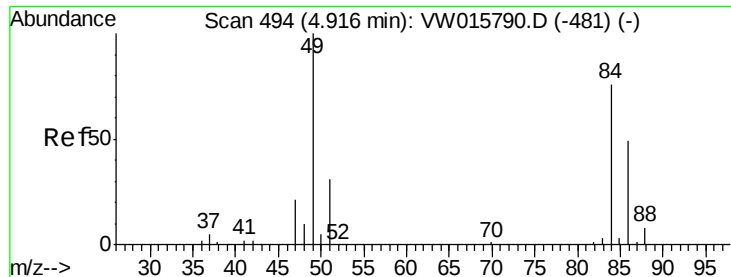
500

0

Time-->

4.00 4.10 4.20

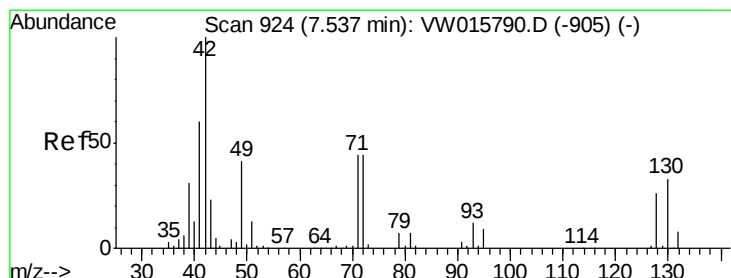
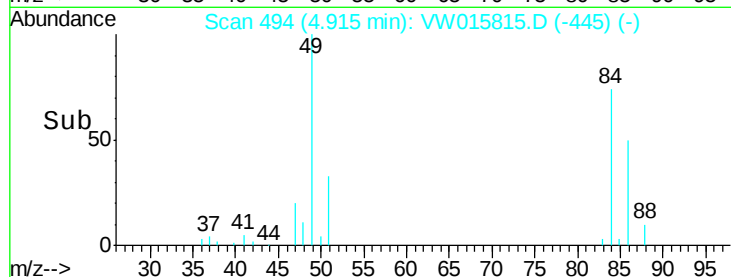
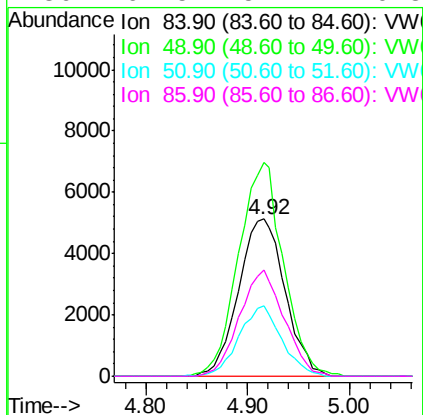
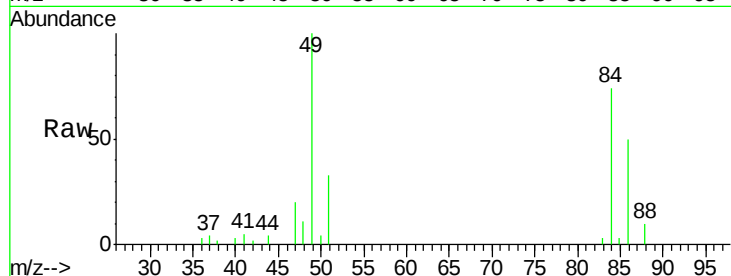




#20
Methvlene Chloride
Concen: 13.881 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015815.D
Acq: 08 Jul 2020 17:41

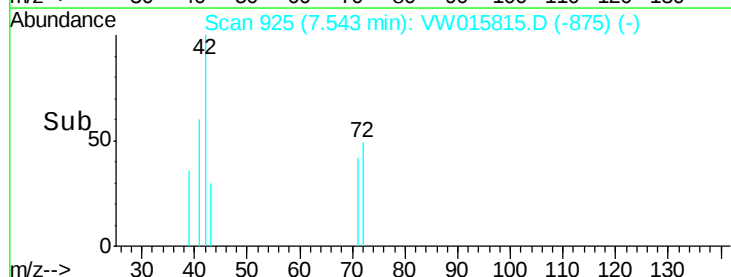
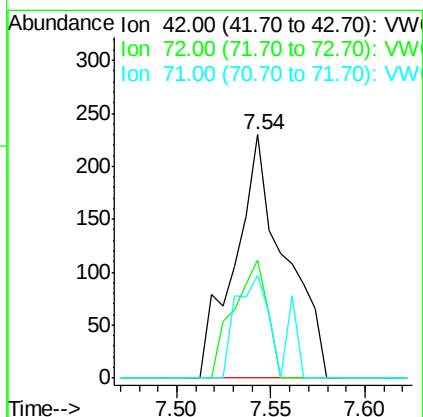
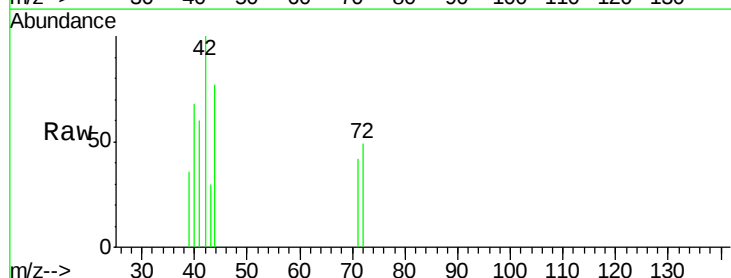
Instrument :
MSVOA_W
ClientSampled :
RO-06

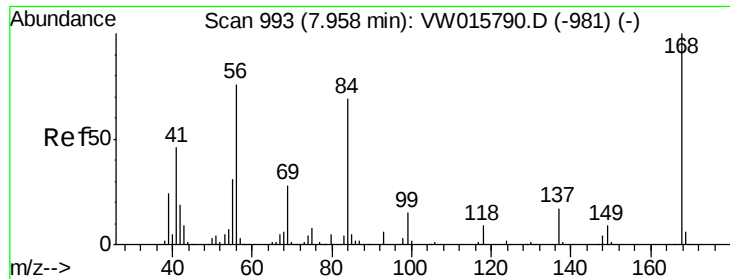
Tot Ion:	84	Resp:	16244
Ion	Ratio	Lower	Upper
84	100		
49	135.9	105.0	157.6
51	44.5	32.3	48.5
86	67.5	51.2	76.8



#29
Tetrahydrofuran
Concen: 2.782 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW015815.D
Acq: 08 Jul 2020 17:41

Tgt Ion:	42	Resp:	422
Ion	Ratio	Lower	Upper
42	100		
72	32.7	34.6	51.8#
71	27.3	32.8	49.2#

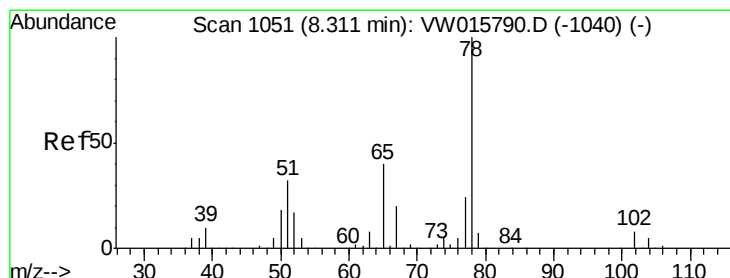
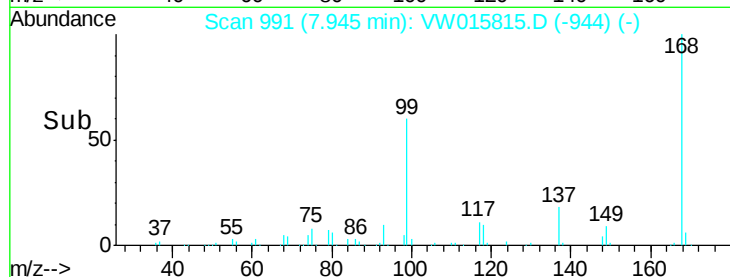
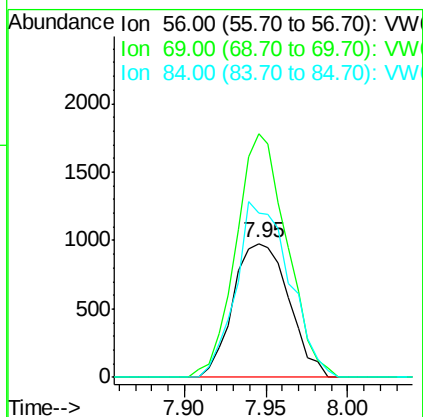
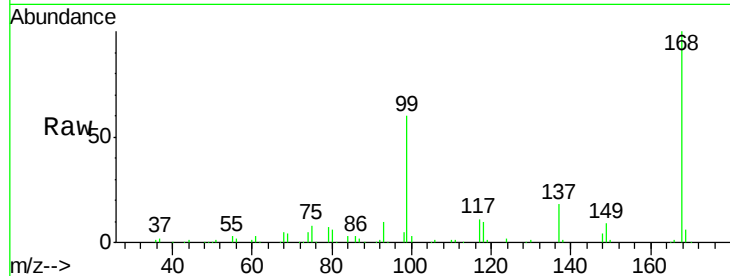




#31
Cyclohexane
Concen: 1.361 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015815.D
Acq: 08 Jul 2020 17:41

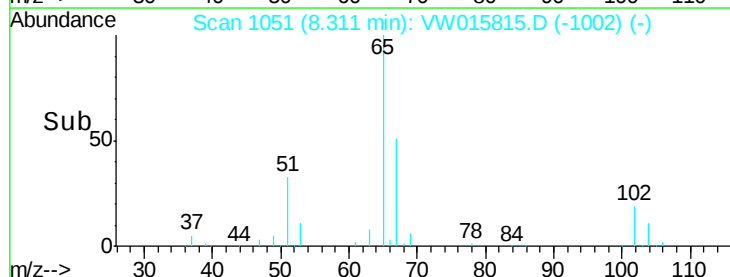
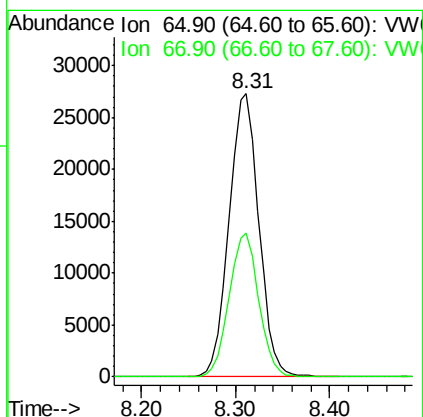
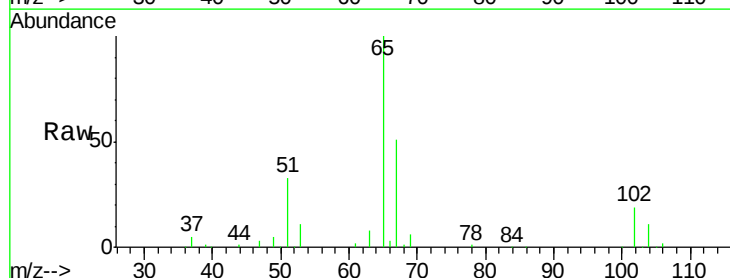
Instrument :
MSVOA_W
ClientSampled :
RO-06

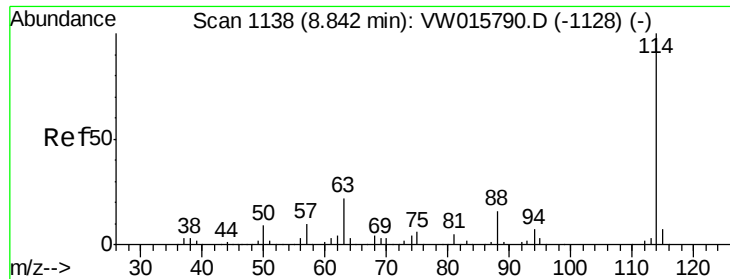
Tot Ion: 56 Resp: 2318
Ion Ratio Lower Upper
56 100
69 182.1 28.9 43.3#
84 122.9 72.2 108.4#



#33
1,2-Dichloroethane-d4
Concen: 61.122 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW015815.D
Acq: 08 Jul 2020 17:41

Tgt Ion: 65 Resp: 60150
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.4

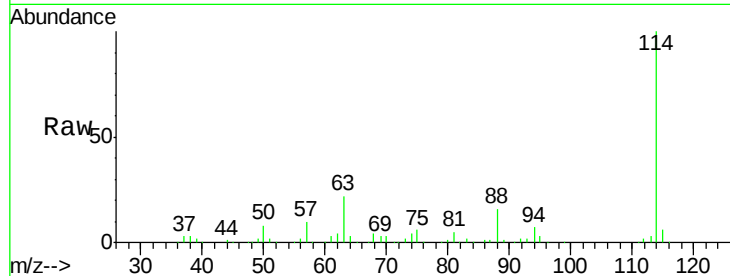




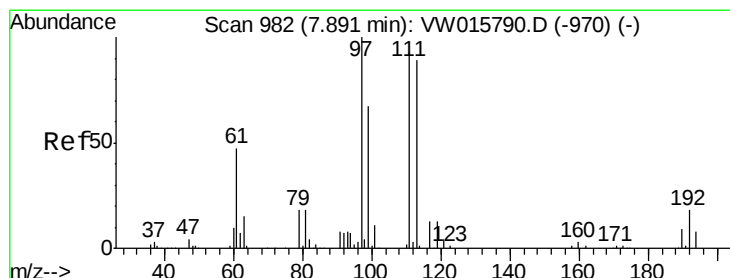
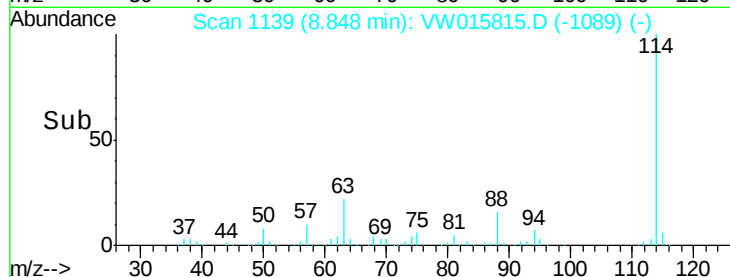
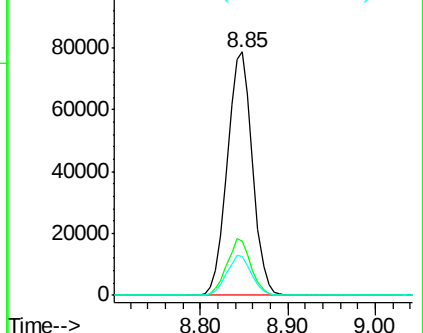
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015815.D
 Acq: 08 Jul 2020 17:41

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-06

Tot Ion:114 Resp: 156815
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.4
 88 15.9 0.0 32.6

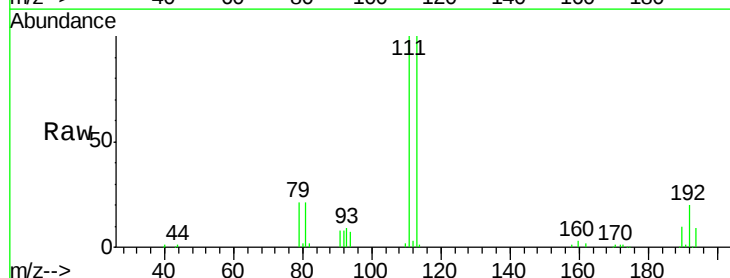


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

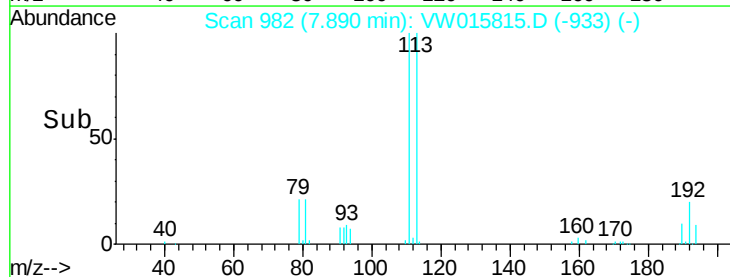
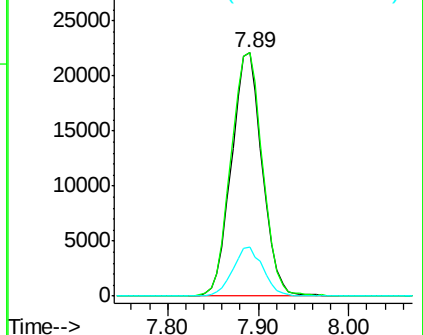


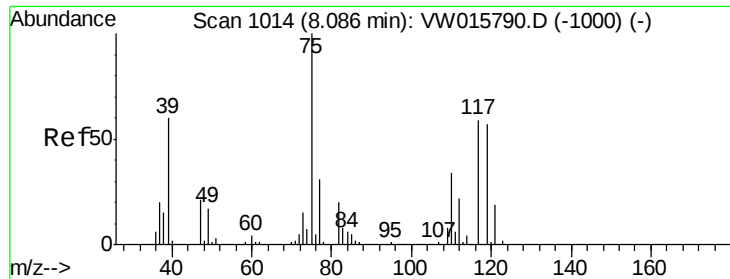
#35
 Dibromofluoromethane
 Concen: 56.590 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW015815.D
 Acq: 08 Jul 2020 17:41

Tgt Ion:113 Resp: 51773
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.8 124.2
 192 19.8 15.4 23.2



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

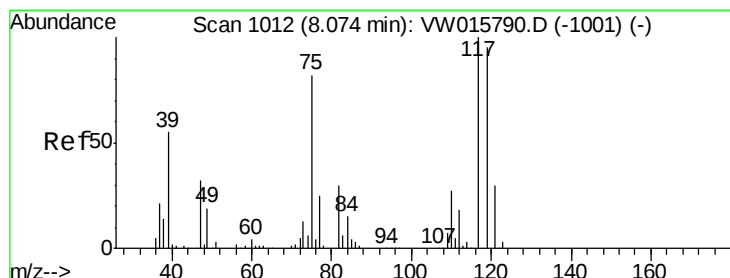
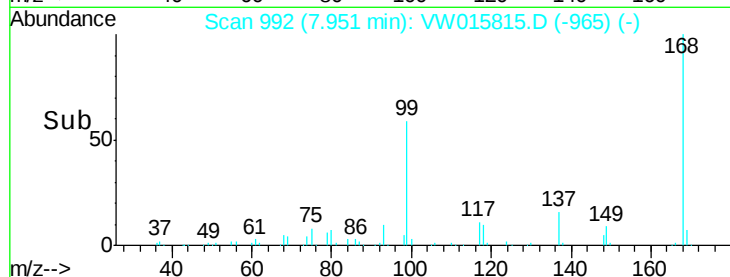
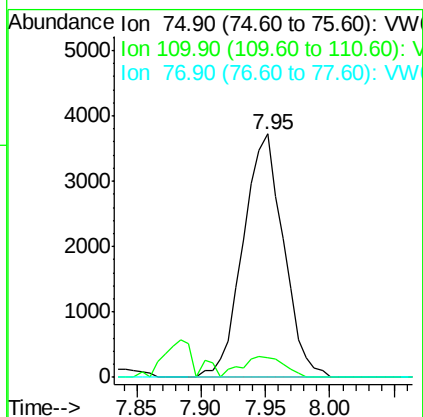
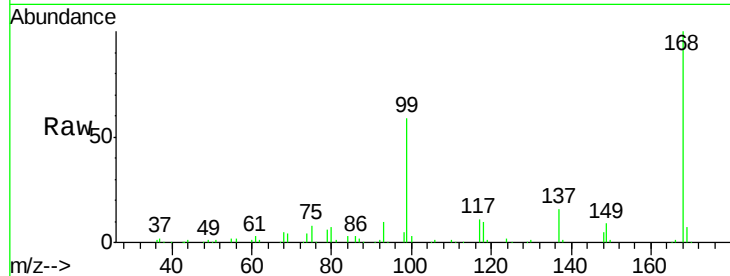




#36
 1,1-Dichloropropene
 Concen: 5.223 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015815.D
 Acq: 08 Jul 2020 17:41

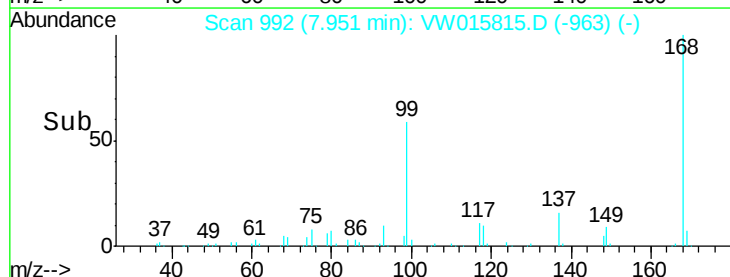
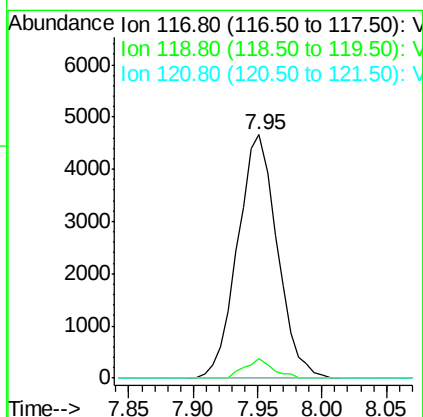
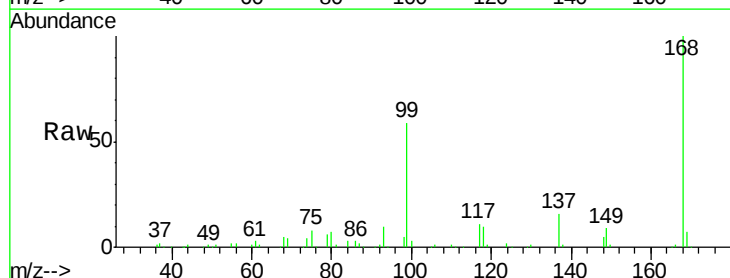
Instrument :
 MSVOA_W
 ClientSampleId :
 RO-06

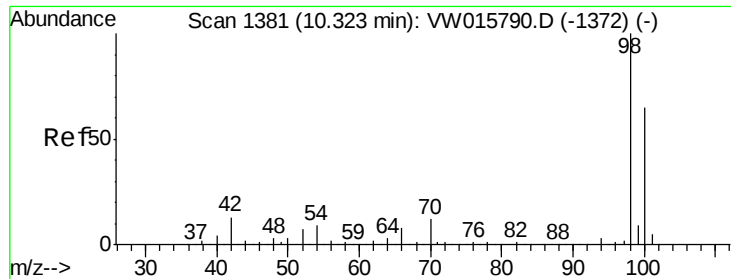
Tot Ion: 75 Resp: 8074
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.8 50.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.637 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW015815.D
 Acq: 08 Jul 2020 17:41

Tgt Ion: 117 Resp: 9928
 Ion Ratio Lower Upper
 117 100
 119 7.9 76.3 114.5#
 121 0.0 24.0 36.0#

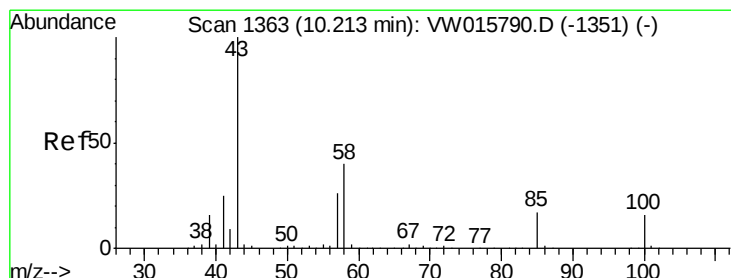
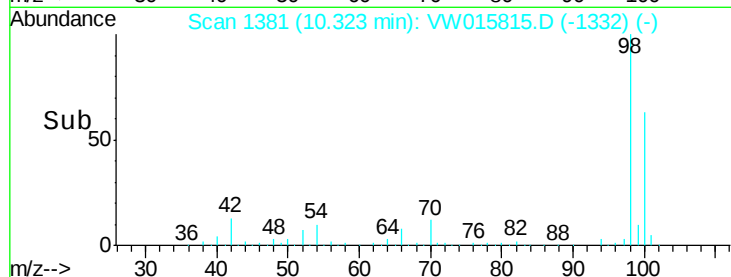
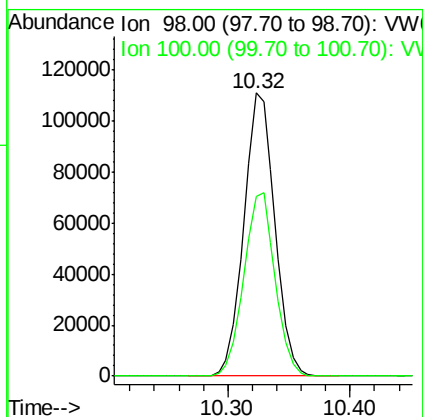
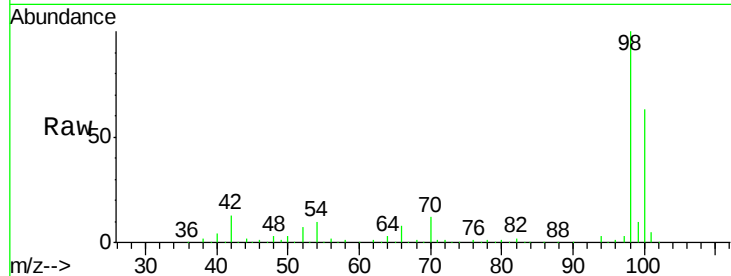




#50
Toluene-d8
Concen: 55.567 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015815.D
Acq: 08 Jul 2020 17:41

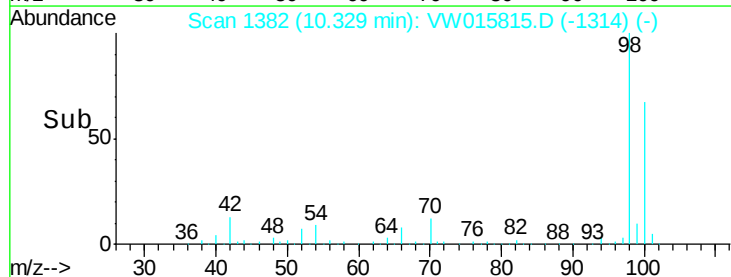
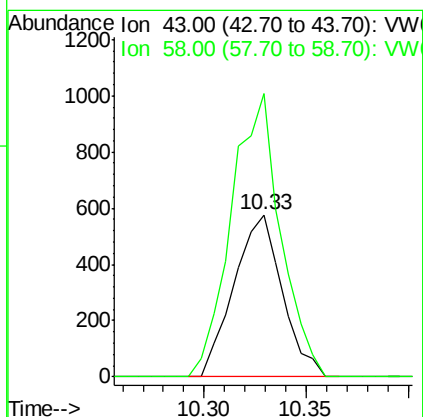
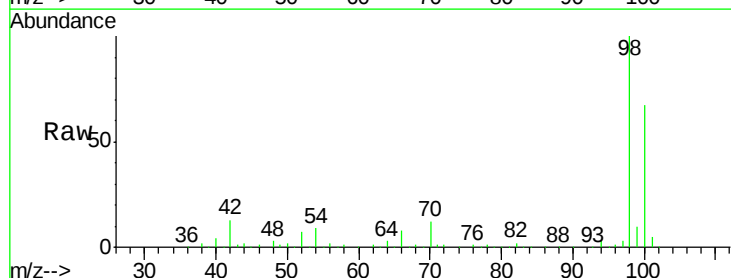
Instrument :
MSVOA_W
ClientSampleId :
RO-06

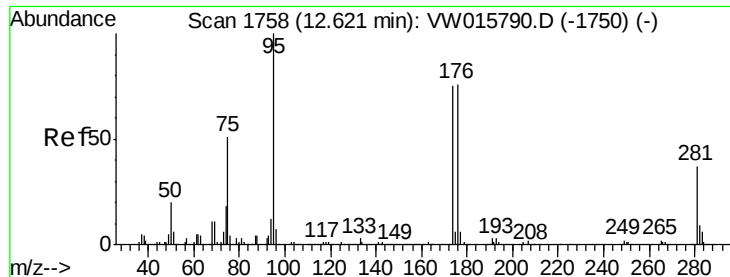
Tot Ion: 98 Resp: 195273
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 1.666 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.12 min
Lab File: VW015815.D
Acq: 08 Jul 2020 17:41

Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
58 177.1 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 48.582 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015815.D

Acq: 08 Jul 2020 17:41

Instrument :

MSVOA_W

ClientSampled :

RO-06

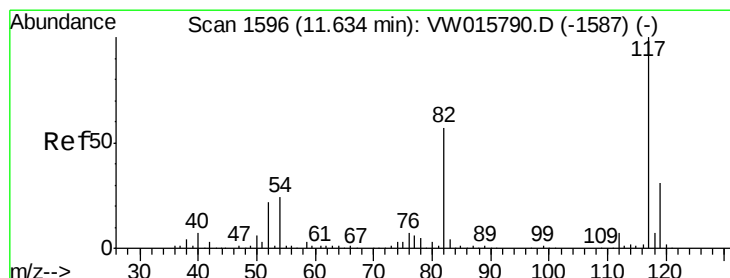
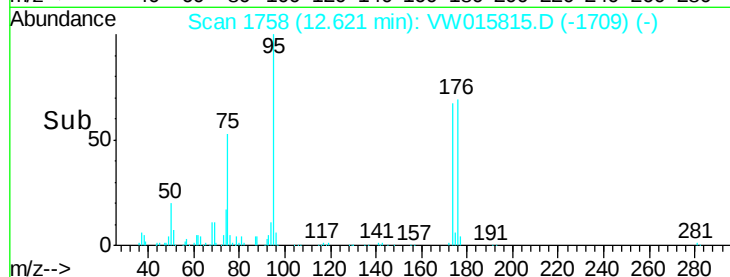
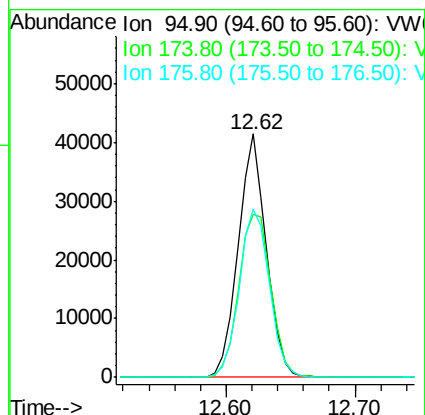
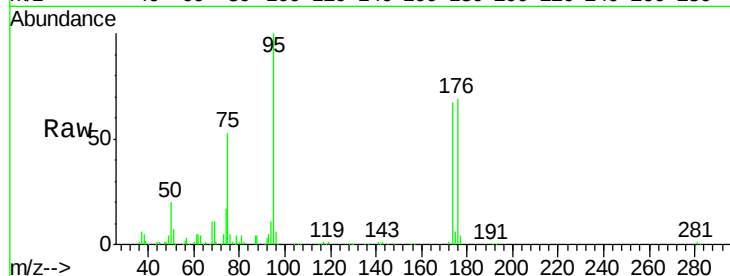
Tot Ion: 95 Resp: 62647

Ion Ratio Lower Upper

95 100

174 76.6 0.0 150.2

176 73.6 0.0 148.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW015815.D

Acq: 08 Jul 2020 17:41

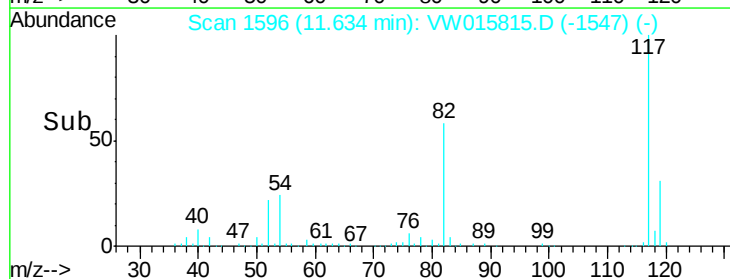
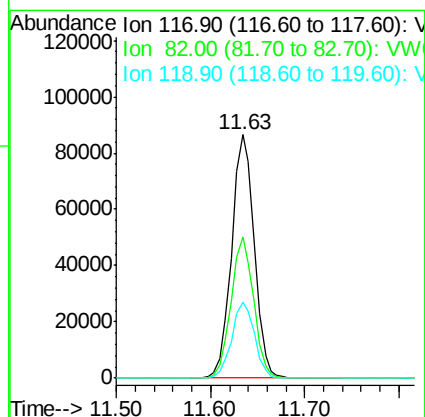
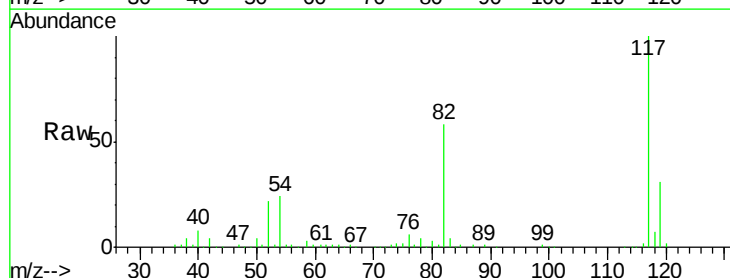
Tgt Ion: 117 Resp: 143395

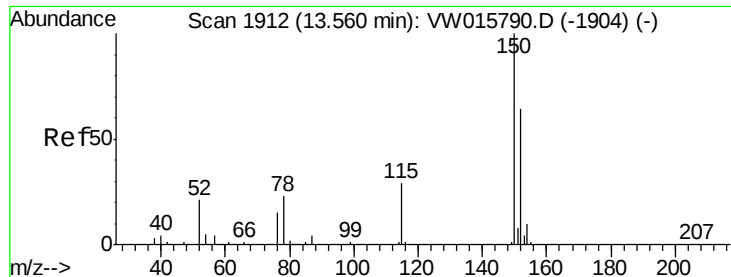
Ion Ratio Lower Upper

117 100

82 58.0 45.5 68.3

119 31.4 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015815.D

Acq: 08 Jul 2020 17:41

Instrument :

MSVOA_W

ClientSampled :

RO-06

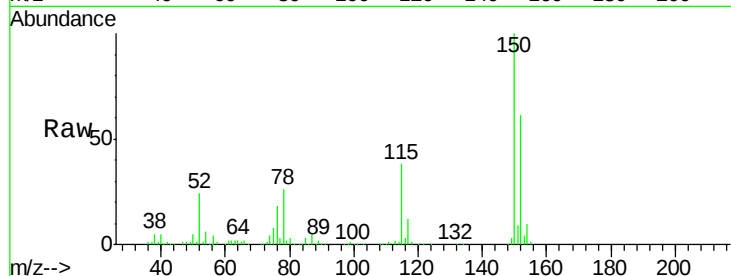
Tot Ion:152 Resp: 60508

Ion Ratio Lower Upper

152 100

115 62.0 29.9 89.7

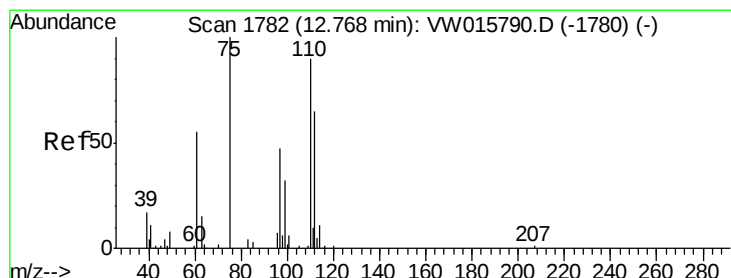
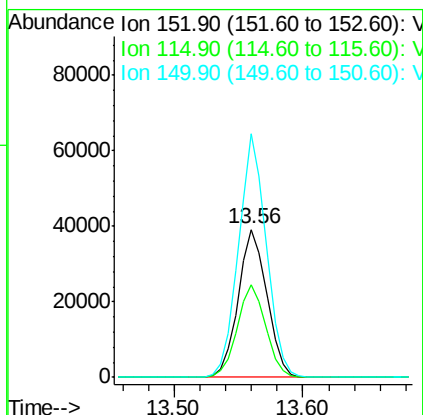
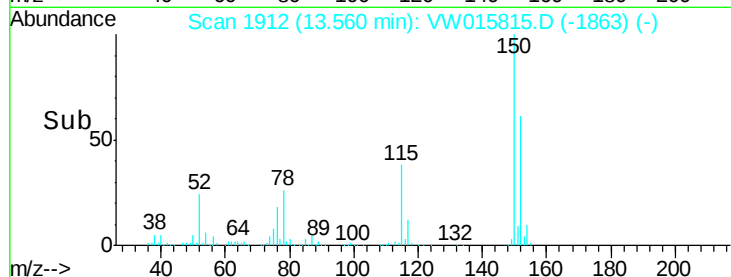
150 158.9 0.0 350.8



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: 64.722 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015815.D

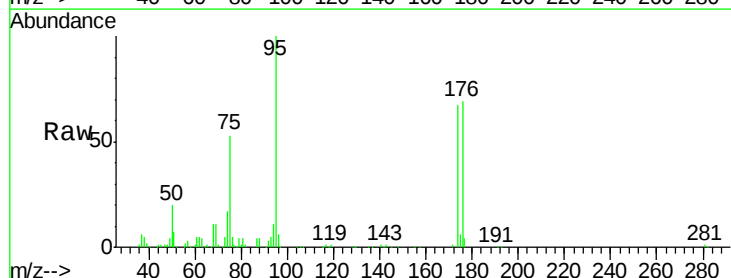
Acq: 08 Jul 2020 17:41

Tgt Ion: 75 Resp: 34418

Ion Ratio Lower Upper

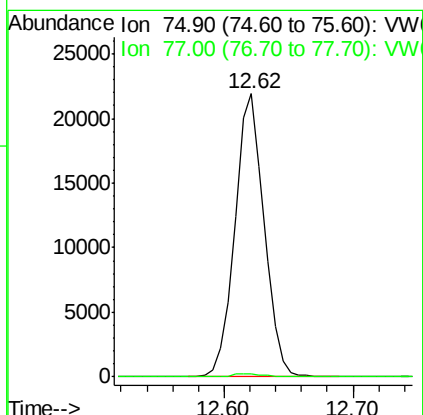
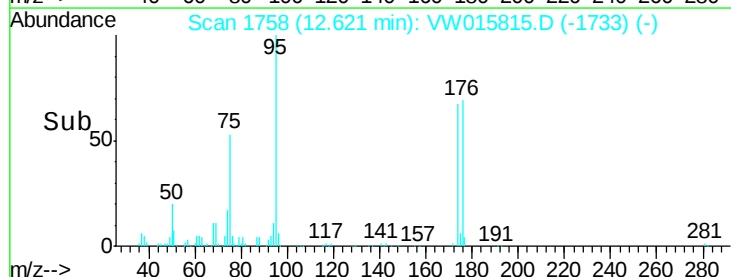
75 100

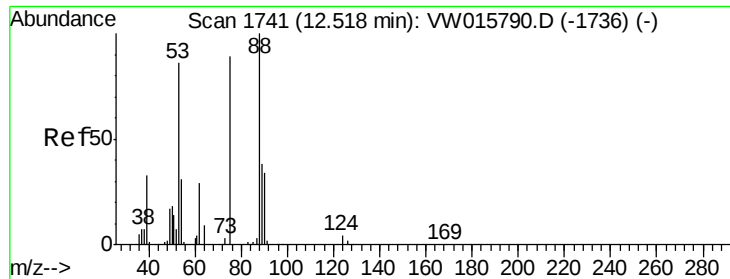
77 1.2 177.3 532.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

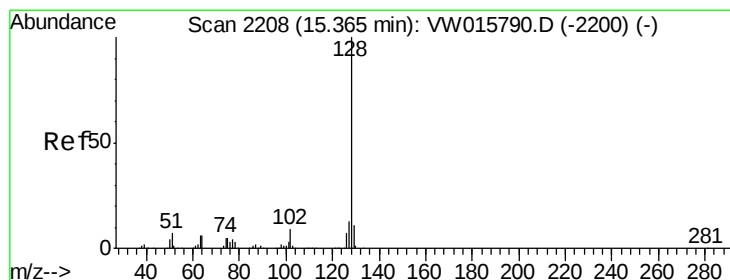
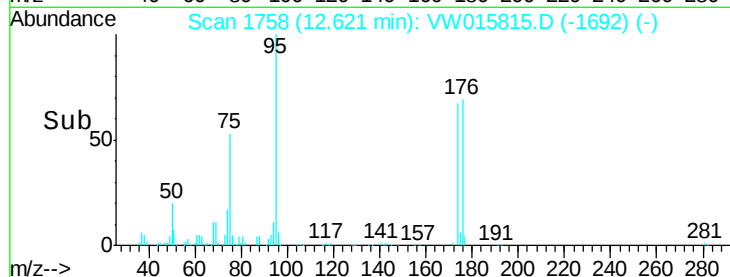
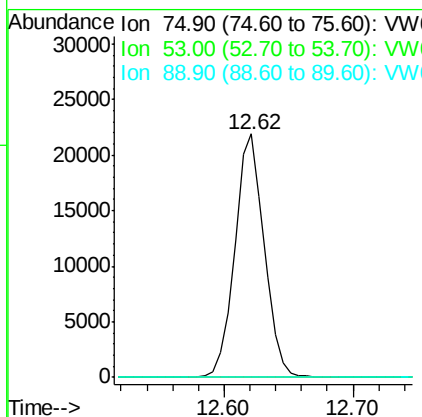
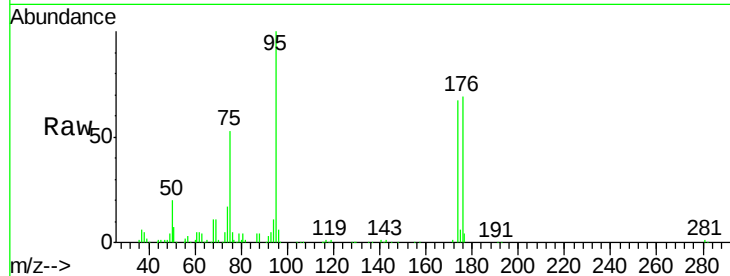




#81
trans-1,4-Dichloro-2-butene
Concen: 139.566 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW015815.D
Acq: 08 Jul 2020 17:41

Instrument :
MSVOA_W
ClientSampleId :
RO-06

Tot Ion: 75 Resp: 34418
Ion Ratio Lower Upper
75 100
53 0.0 85.9 128.9#
89 0.0 36.2 54.4#



#95
Naphthalene
Concen: 3.124 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015815.D
Acq: 08 Jul 2020 17:41

Tgt Ion: 128 Resp: 650
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 3.4 8.7 13.1#

