

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015830.D
 Acq On : 09 Jul 2020 15:50
 Operator : SY/VA
 Sample : L3203-05RE
 Misc : 6.38G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-10RE

Quant Time: Jul 10 05:43:44 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	37673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	57152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	49347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	16193	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	25266	65.13	ug/l	0.00
Spiked Amount			Recovery	=	130.26%	
35) Dibromofluoromethane	7.89	113	21421	64.24	ug/l	0.00
Spiked Amount			Recovery	=	128.48%	
50) Toluene-d8	10.33	98	76286	59.56	ug/l	0.00
Spiked Amount			Recovery	=	119.12%	
62) 4-Bromofluorobenzene	12.62	95	21337	45.40	ug/l	0.00
Spiked Amount			Recovery	=	90.80%	

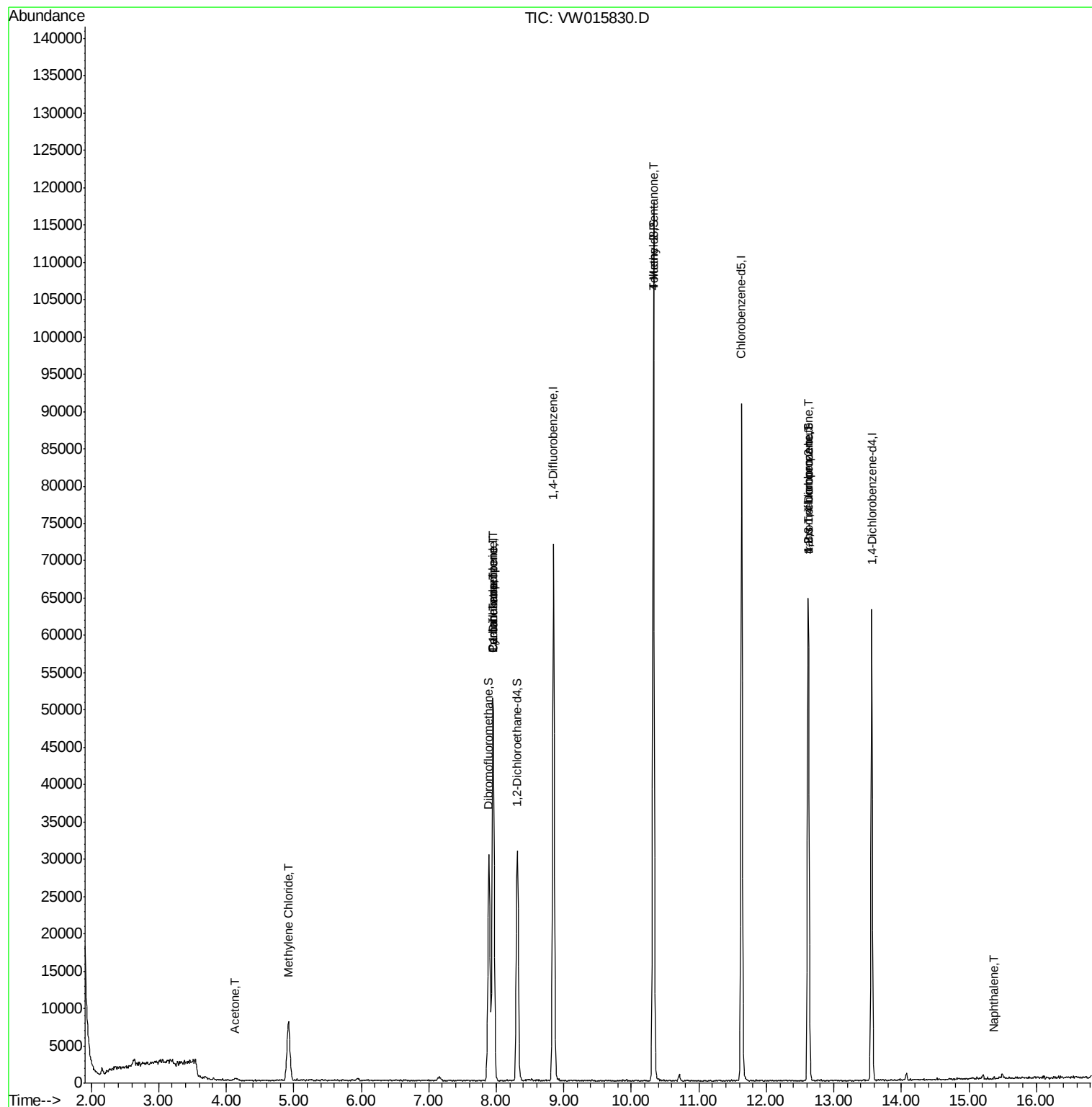
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	616	8.486	ug/l #	45
20) Methylene Chloride	4.93	84	5837	12.209	ug/l	91
31) Cyclohexane	7.95	56	974	1.450	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	3138	5.570	ug/l #	51
38) Carbon Tetrachloride	7.95	117	3666	6.725	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	433	2.077	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	11335	79.647	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	11335	170.894	ug/l #	7
95) Naphthalene	15.38	128	70	2.937	ug/l #	69

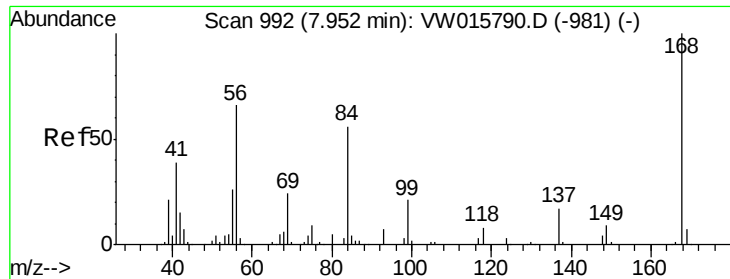
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070920\
Data File : VW015830.D
Acq On : 09 Jul 2020 15:50
Operator : SY/VA
Sample : L3203-05RE
Misc : 6.38G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RO-10RE

Quant Time: Jul 10 05:43:44 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: VW015830.D

Acq: 09 Jul 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

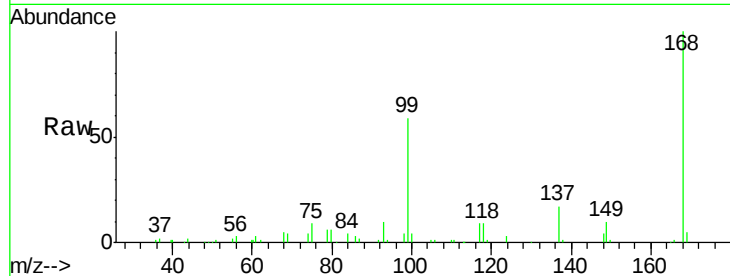
RO-10RE

Tot Ion:168 Resp: 37673

Ion Ratio Lower Upper

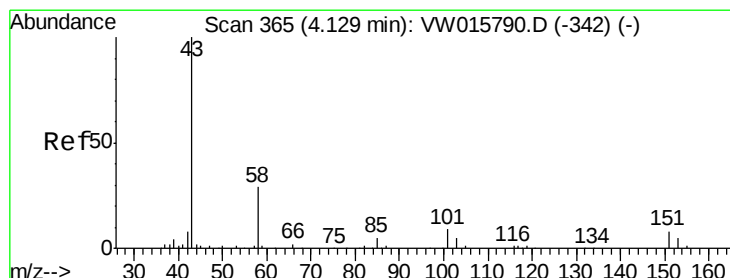
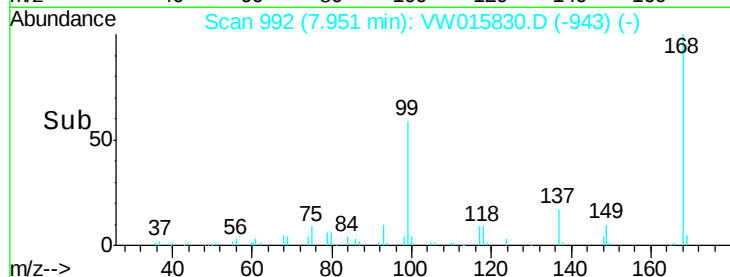
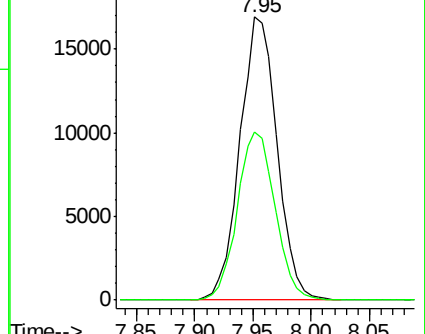
168 100

99 59.2 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 8.486 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW015830.D

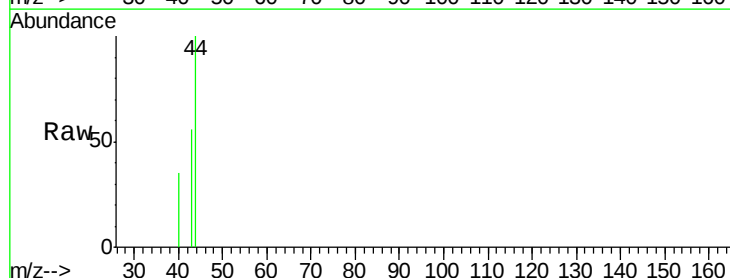
Acq: 09 Jul 2020 15:50

Tgt Ion: 43 Resp: 616

Ion Ratio Lower Upper

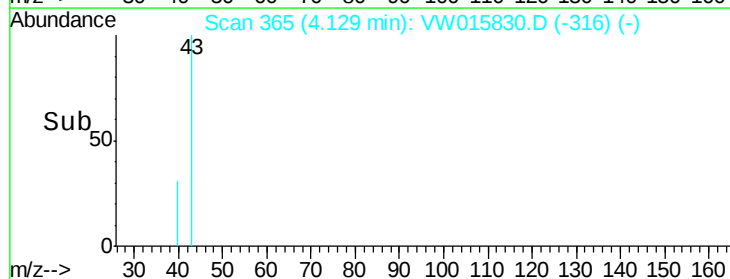
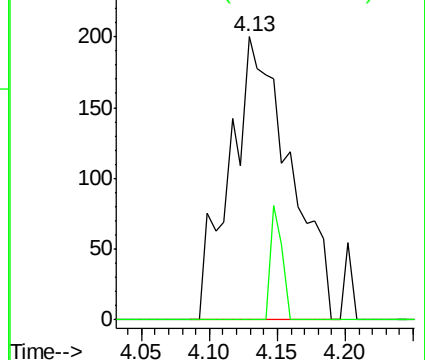
43 100

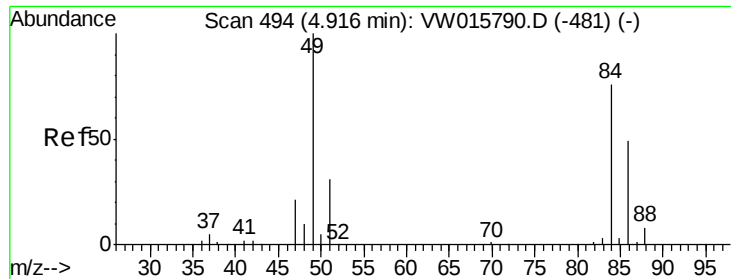
58 0.0 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

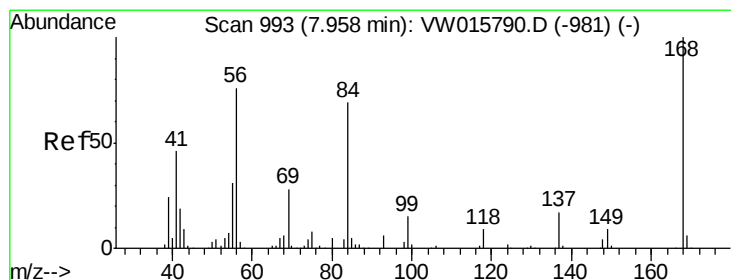
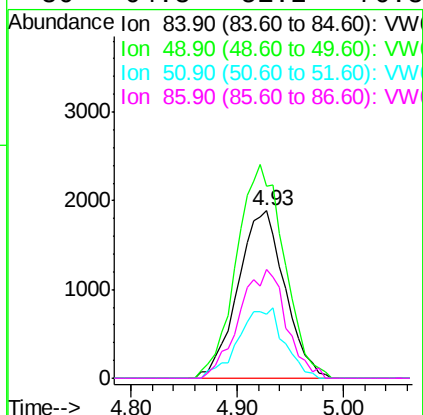
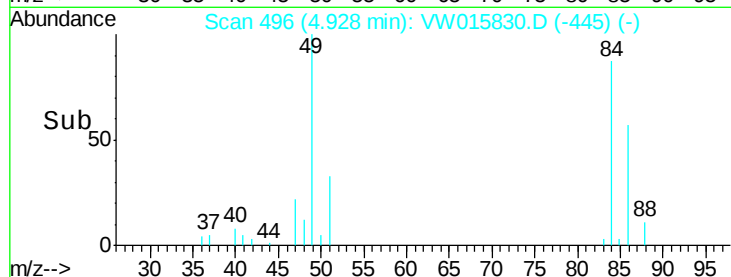
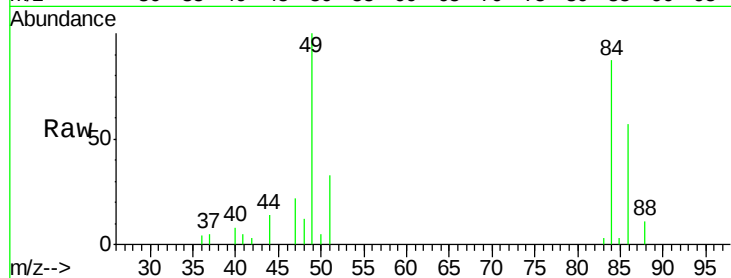




#20
Methvlene Chloride
Concen: 12.209 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW015830.D
Acq: 09 Jul 2020 15:50

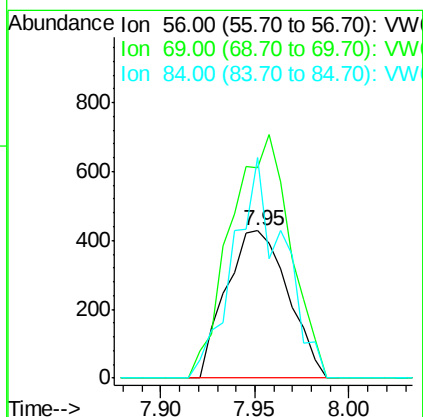
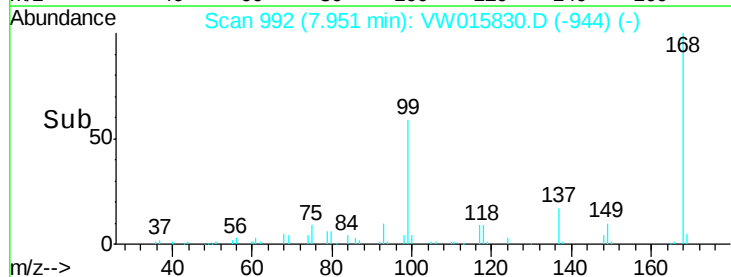
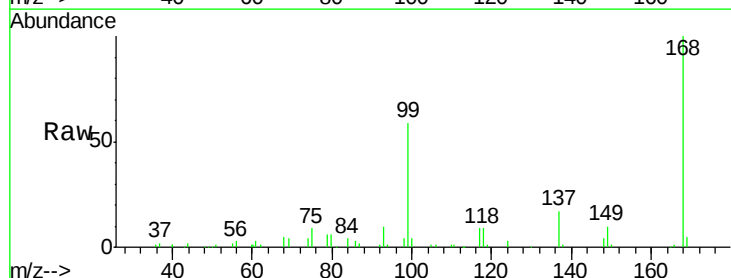
Instrument :
MSVOA_W
ClientSampleId :
RO-10RE

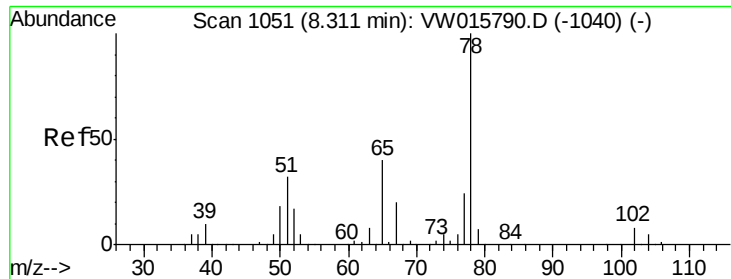
Tot Ion:	84	Resp:	5837
Ion	Ratio	Lower	Upper
84	100		
49	114.4	105.0	157.6
51	38.2	32.3	48.5
86	64.8	51.2	76.8



#31
Cyclohexane
Concen: 1.450 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015830.D
Acq: 09 Jul 2020 15:50

Tgt Ion:	56	Resp:	974
Ion	Ratio	Lower	Upper
56	100		
69	143.0	28.9	43.3#
84	149.3	72.2	108.4#

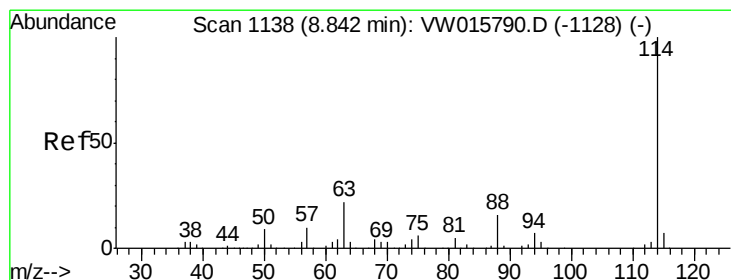
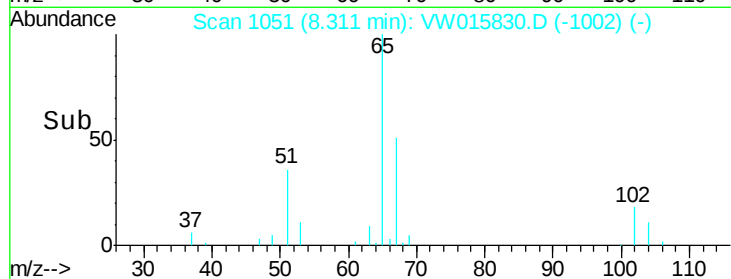
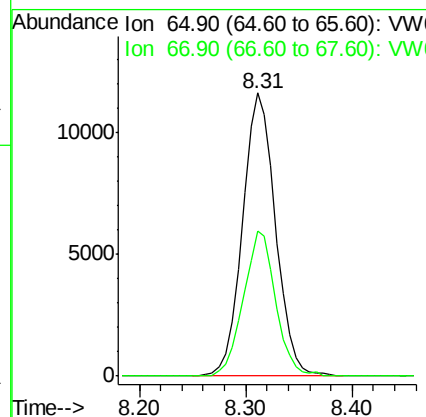
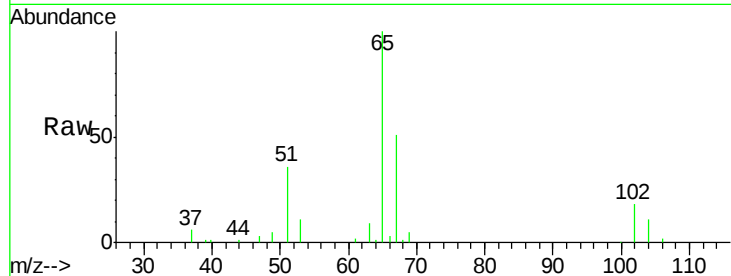




#33
 1,2-Dichloroethane-d4
 Concen: 65.129 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW015830.D
 Acq: 09 Jul 2020 15:50

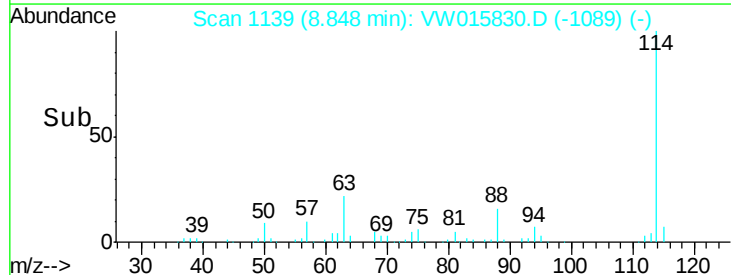
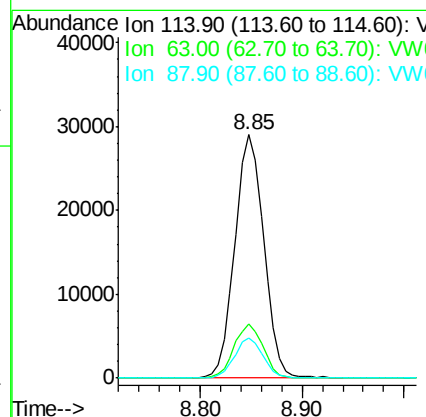
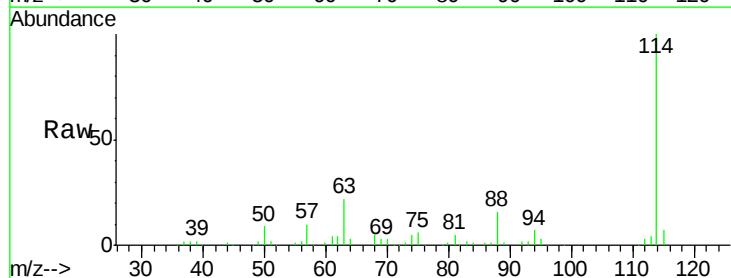
Instrument :
 MSVOA_W
 ClientSampled :
 RO-10RE

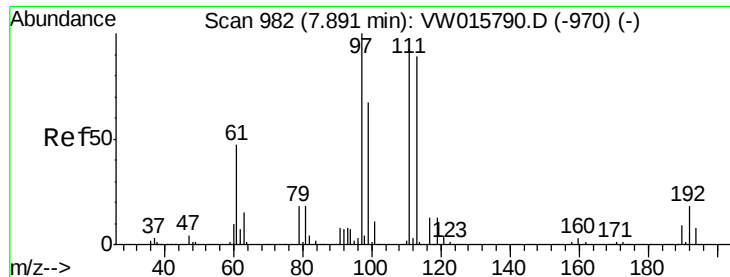
Tot Ion: 65 Resp: 25266
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015830.D
 Acq: 09 Jul 2020 15:50

Tgt Ion: 114 Resp: 57152
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.4
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 64.244 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW015830.D

Acq: 09 Jul 2020 15:50

Instrument :

MSVOA_W

ClientSampled :

RO-10RE

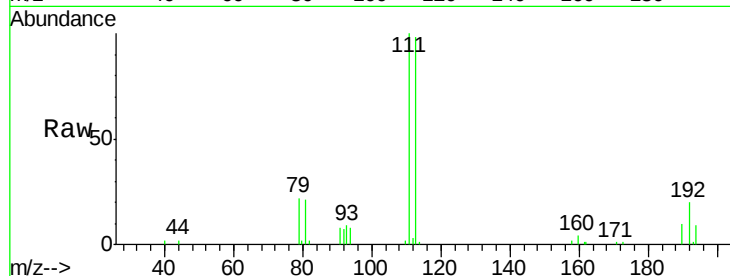
Tot Ion:113 Resp: 21421

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

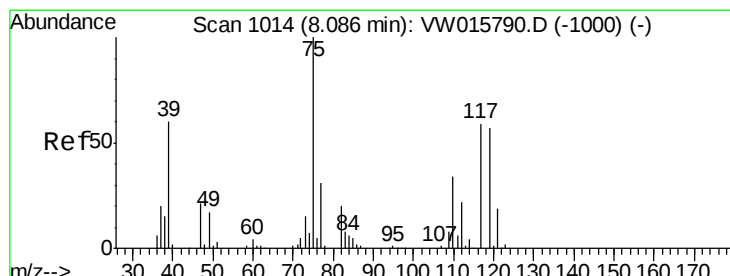
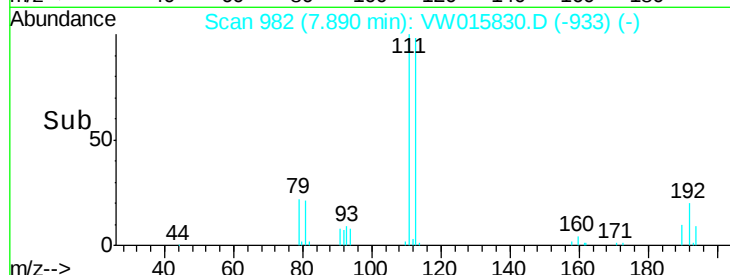
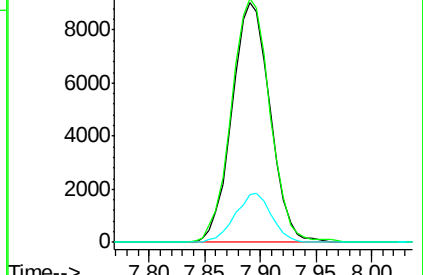
192 19.6 15.4 23.2



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: 5.570 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW015830.D

Acq: 09 Jul 2020 15:50

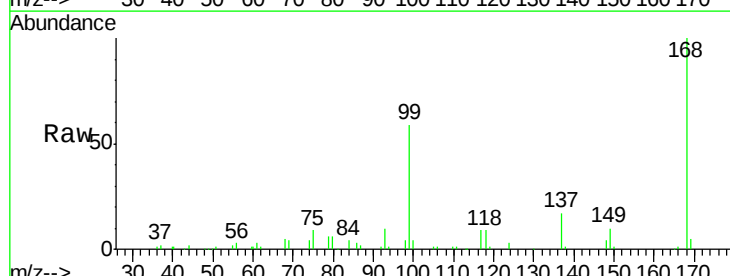
Tgt Ion: 75 Resp: 3138

Ion Ratio Lower Upper

75 100

110 9.6 16.8 50.3#

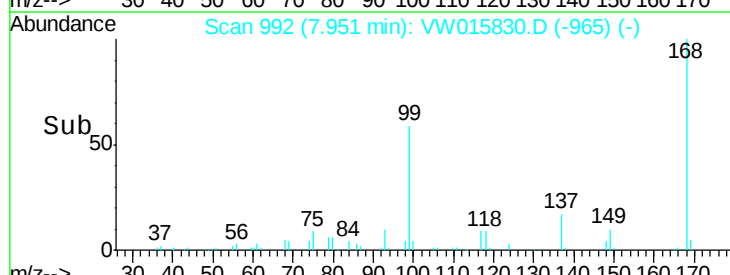
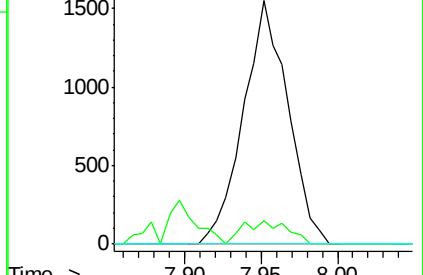
77 0.0 24.7 37.1#

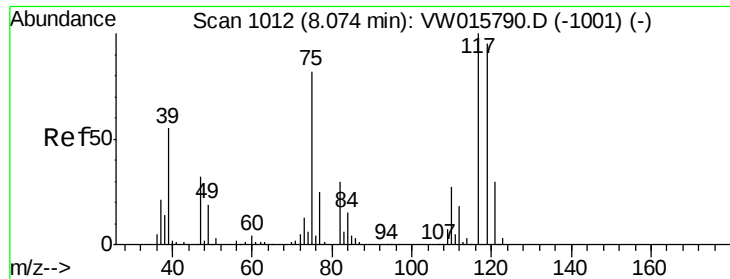


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.725 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW015830.D

Acq: 09 Jul 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

RO-10RE

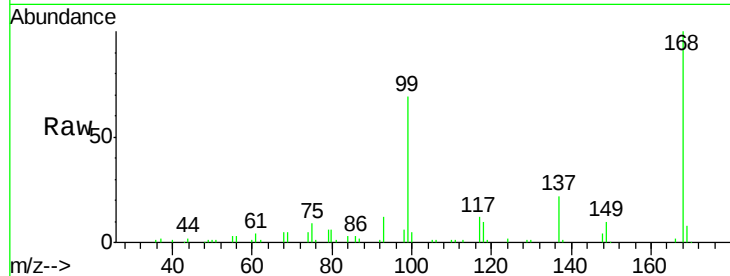
Tot Ion:117 Resp: 3666

Ion Ratio Lower Upper

117 100

119 7.7 76.3 114.5#

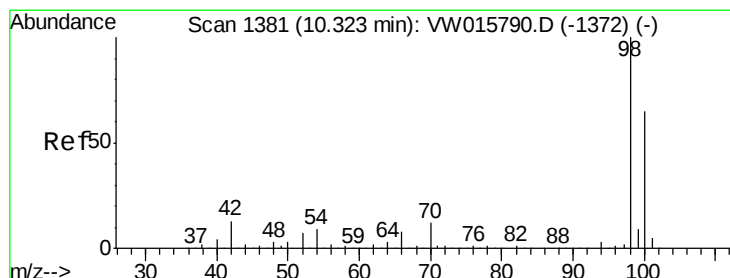
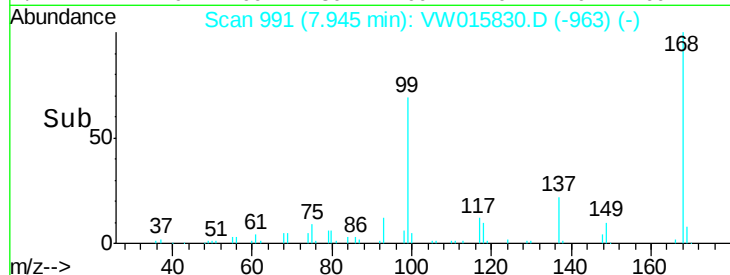
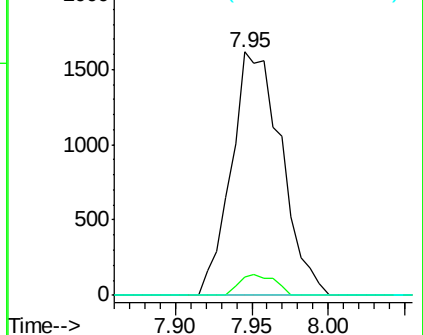
121 0.0 24.0 36.0#



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: 59.562 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW015830.D

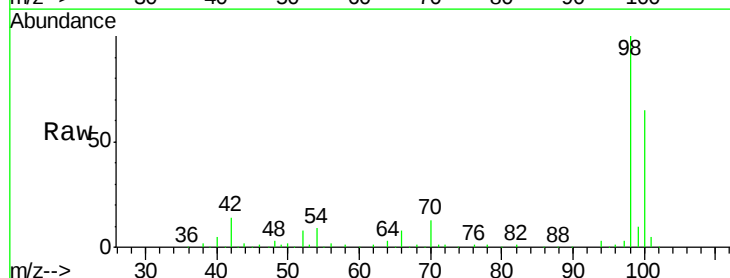
Acq: 09 Jul 2020 15:50

Tgt Ion: 98 Resp: 76286

Ion Ratio Lower Upper

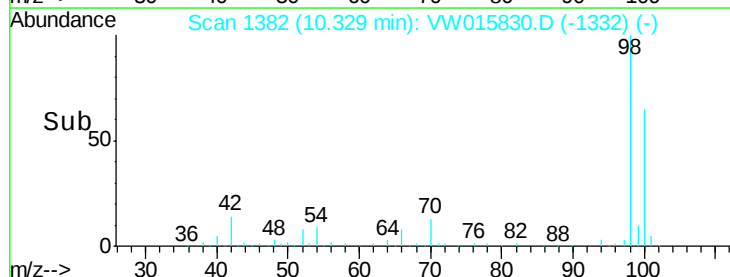
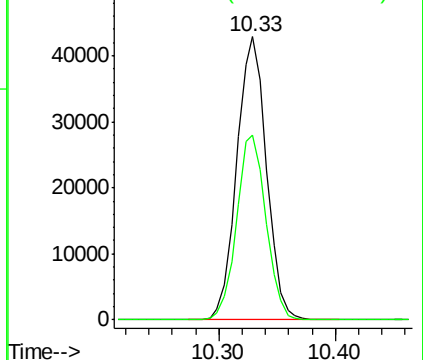
98 100

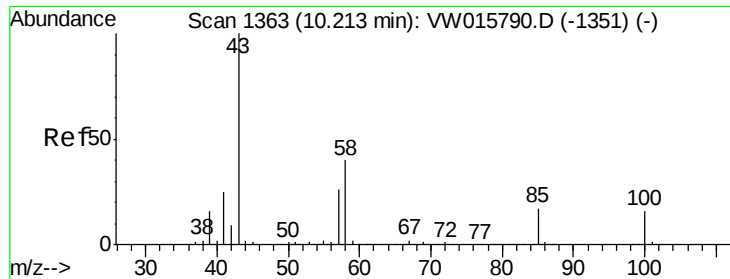
100 64.6 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 2.077 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015830.D

Acq: 09 Jul 2020 15:50

Instrument :

MSVOA_W

ClientSampled :

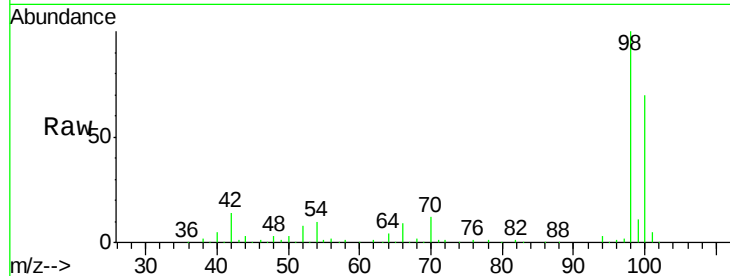
RO-10RE

Tot Ion: 43 Resp: 433

Ion Ratio Lower Upper

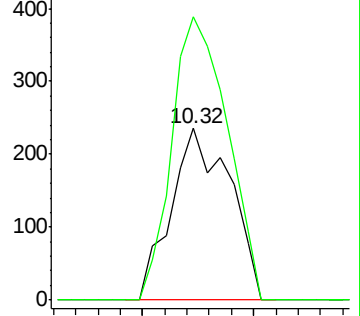
43 100

58 155.7 30.9 46.3#

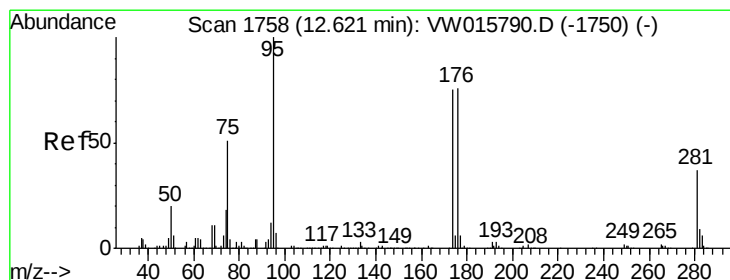
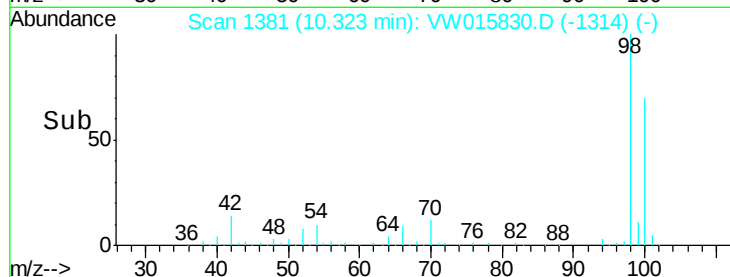


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 45.400 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015830.D

Acq: 09 Jul 2020 15:50

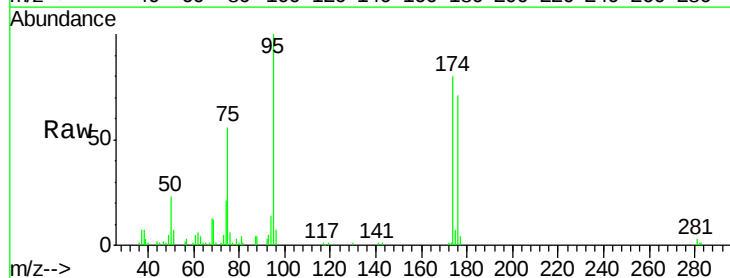
Tgt Ion: 95 Resp: 21337

Ion Ratio Lower Upper

95 100

174 81.1 0.0 150.2

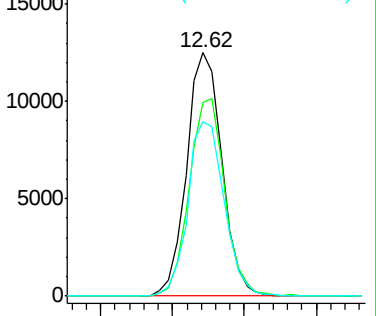
176 73.4 0.0 148.4



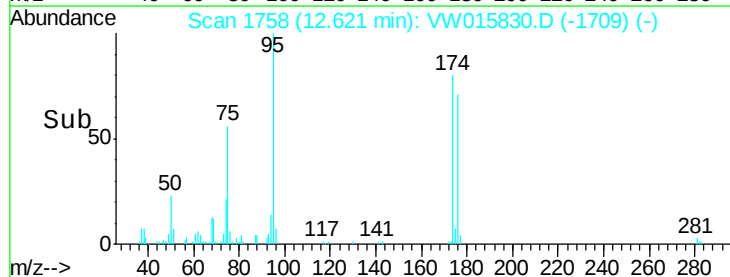
Abundance Ion 94.90 (94.60 to 95.60): VW

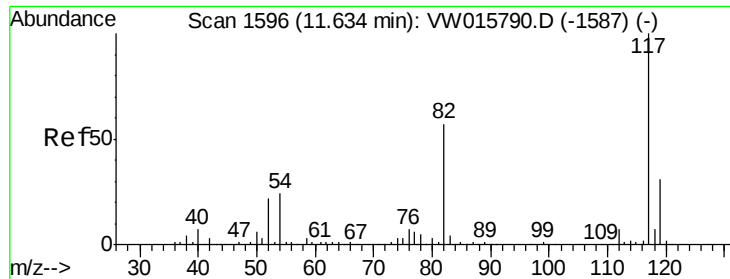
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW015830.D

Acq: 09 Jul 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

RO-10RE

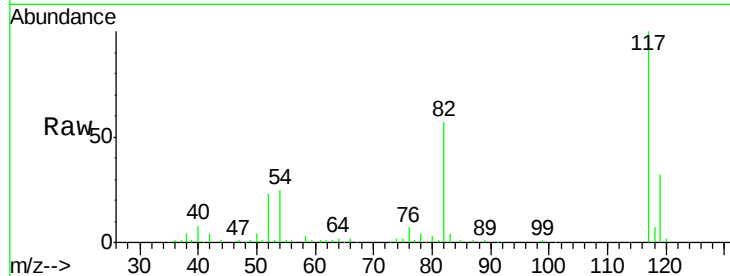
Tot Ion:117 Resp: 49347

Ion Ratio Lower Upper

117 100

82 57.5 45.5 68.3

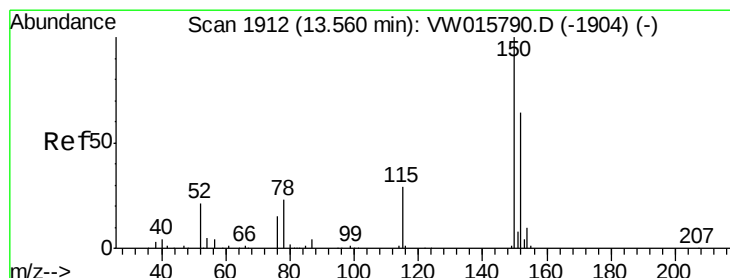
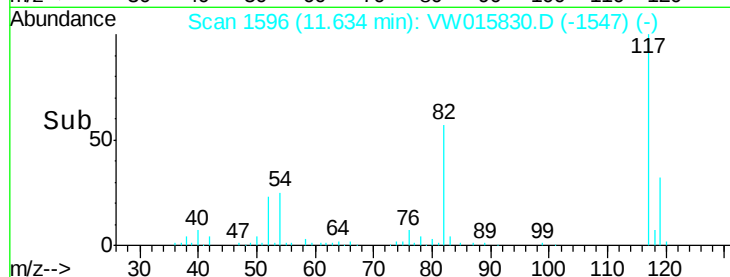
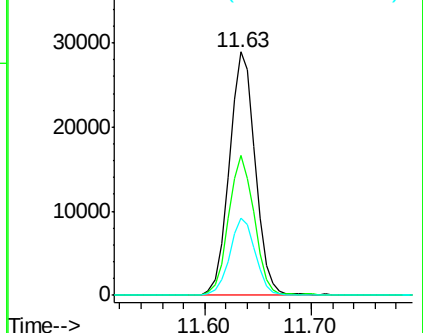
119 31.9 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW015830.D

Acq: 09 Jul 2020 15:50

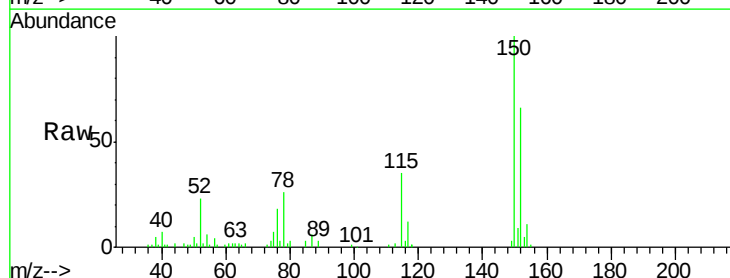
Tgt Ion:152 Resp: 16193

Ion Ratio Lower Upper

152 100

115 62.1 29.9 89.7

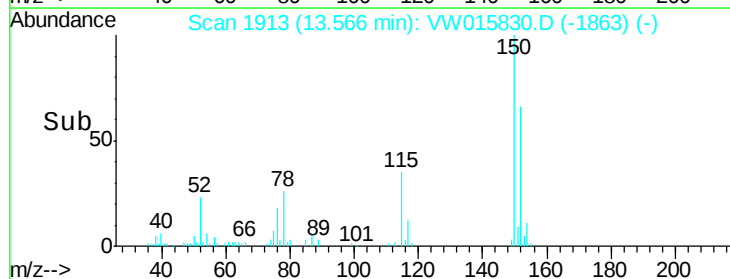
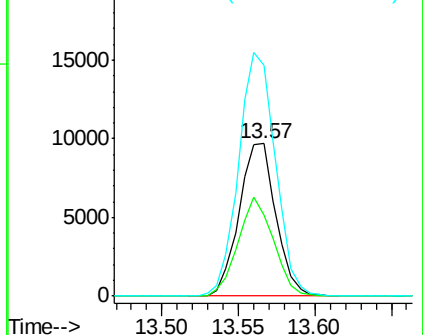
150 159.9 0.0 350.8

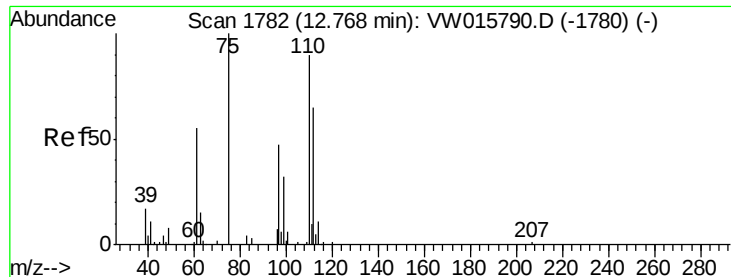


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

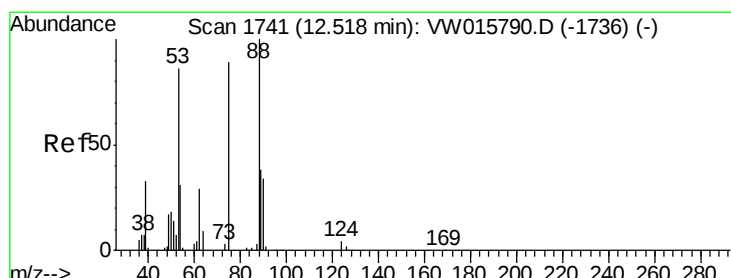
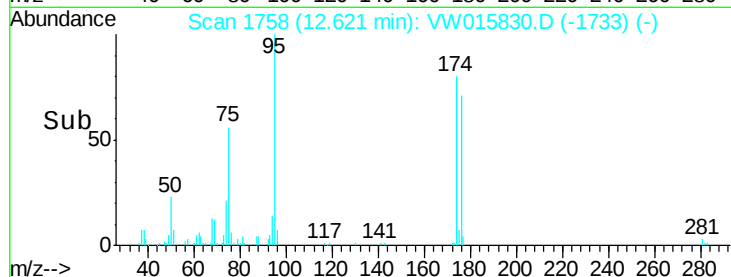
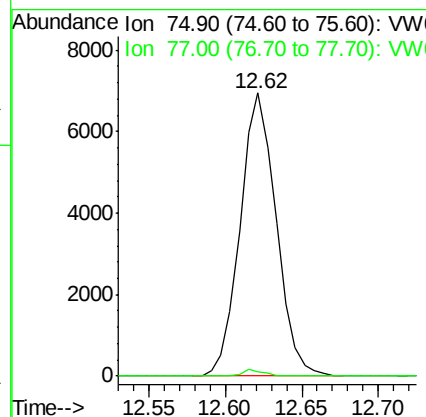
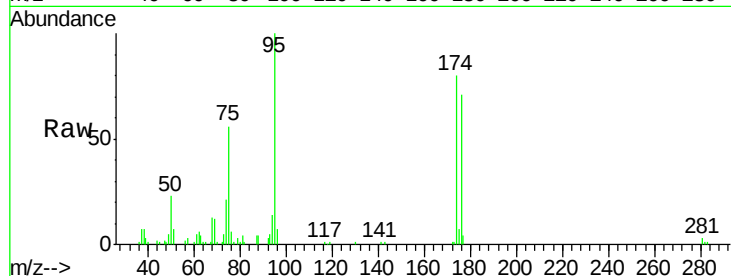




#76
 1,2,3-Trichloropropane
 Concen: 79.647 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW015830.D
 Acq: 09 Jul 2020 15:50

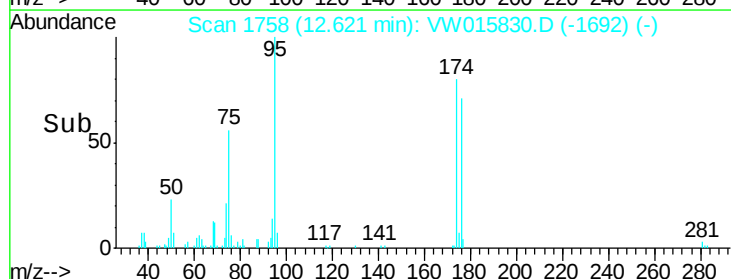
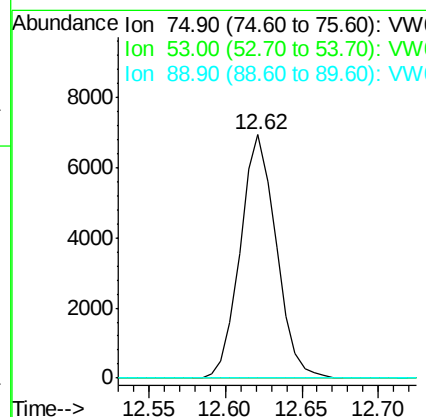
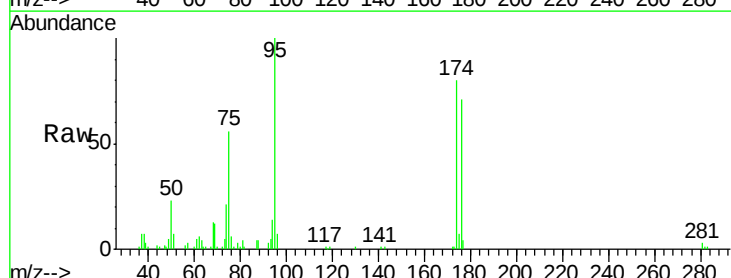
Instrument :
 MSVOA_W
 ClientSampleId :
 RO-10RE

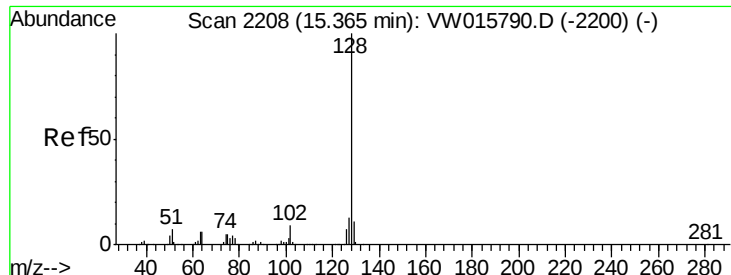
Tot Ion: 75 Resp: 11335
 Ion Ratio Lower Upper
 75 100
 77 1.3 177.3 532.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 170.894 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW015830.D
 Acq: 09 Jul 2020 15:50

Tgt Ion: 75 Resp: 11335
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.9 128.9#
 89 0.0 36.2 54.4#





#95
 Naphthalene
 Concen: 2.937 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VW015830.D
 Acq: 09 Jul 2020 15:50

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-10RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.7	13.1#

