

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015833.D
 Acq On : 09 Jul 2020 17:01
 Operator : SY/VA
 Sample : L3203-17RE
 Misc : 7.24G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-16RE

Quant Time: Jul 10 05:44:51 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	7.96	168	104951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	175009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	153598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	58704	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	82847	76.66	ug/l	0.00
Spiked Amount			Recovery	=	153.32%	
35) Dibromofluoromethane	7.88	113	70108	68.66	ug/l	0.00
Spiked Amount			Recovery	=	137.32%	
50) Toluene-d8	10.33	98	253533	64.64	ug/l	0.00
Spiked Amount			Recovery	=	129.28%	
62) 4-Bromofluorobenzene	12.62	95	75152	52.22	ug/l	0.00
Spiked Amount			Recovery	=	104.44%	

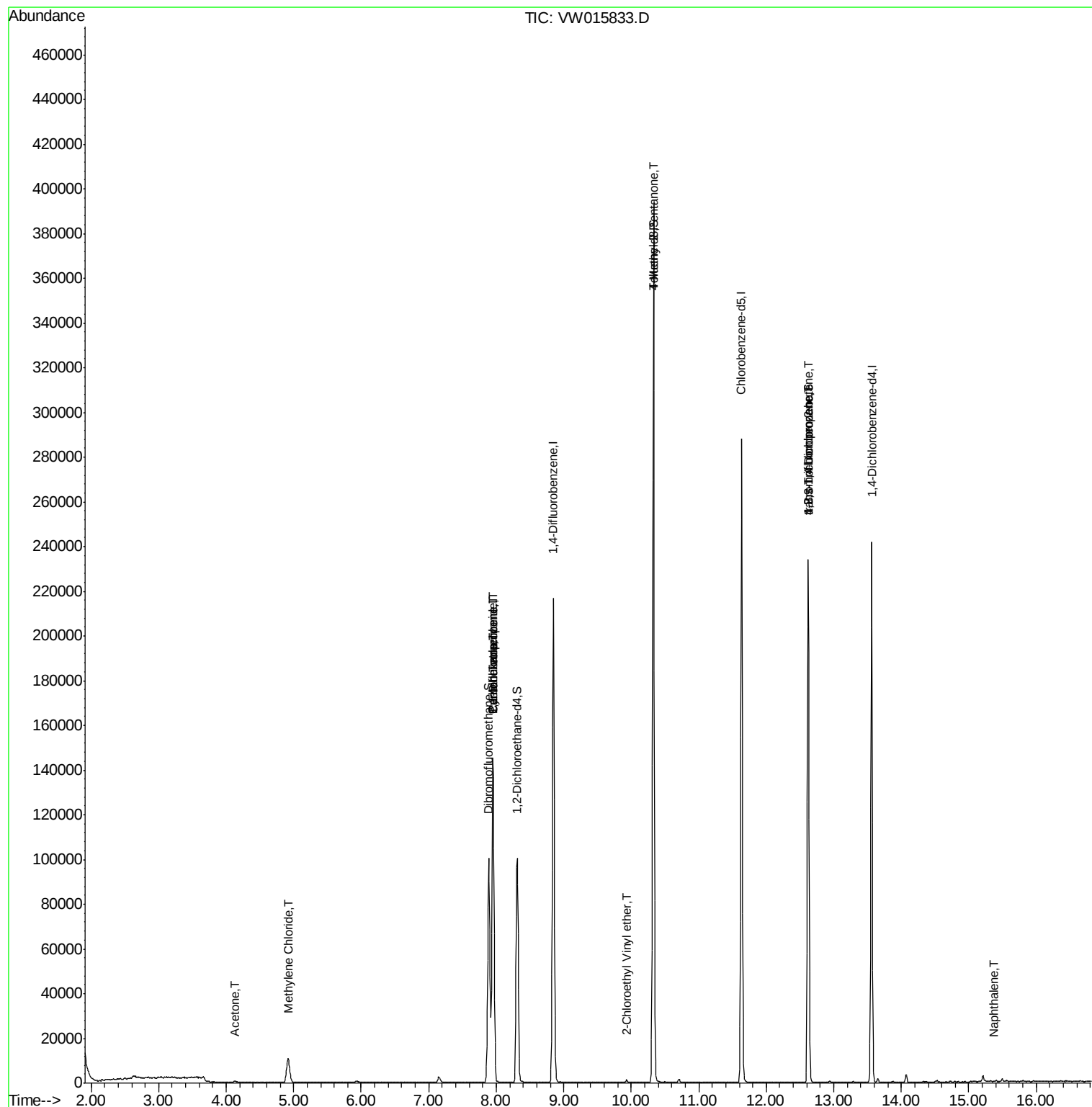
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	1164	5.756	ug/l	91
20) Methylene Chloride	4.92	84	8422	3.905	ug/l	97
31) Cyclohexane	7.95	56	2673	1.429	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	8882	5.148	ug/l #	51
38) Carbon Tetrachloride	7.95	117	10952	6.561	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1393	2.182	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.93	63	554	1.112	ug/l #	89
76) 1,2,3-Trichloropropane	12.62	75	40017	77.563	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	40017	166.519	ug/l #	7
95) Naphthalene	15.37	128	287	2.953	ug/l #	69

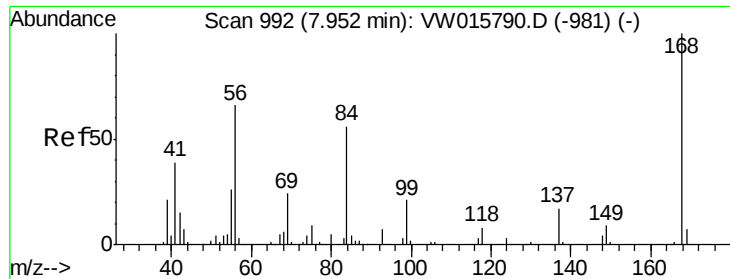
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070920\
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Quant Time: Jul 10 05:44:51 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: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW015833.D

Acq: 09 Jul 2020 17:01

Instrument :

MSVOA_W

ClientSampleId :

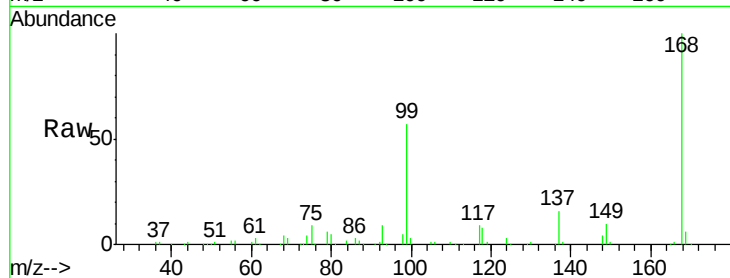
RO-16RE

Tot Ion:168 Resp: 104951

Ion Ratio Lower Upper

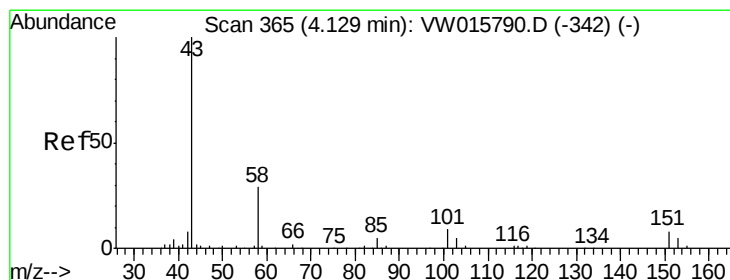
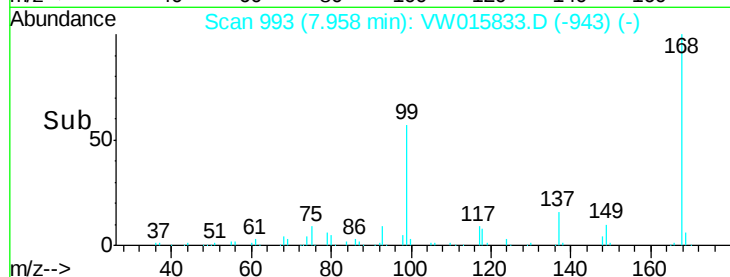
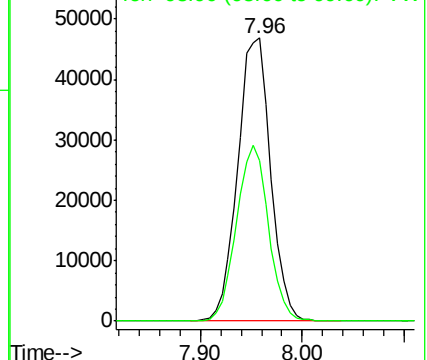
168 100

99 56.8 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: 5.756 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW015833.D

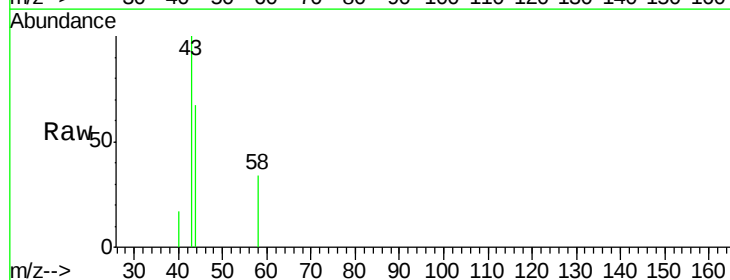
Acq: 09 Jul 2020 17:01

Tgt Ion: 43 Resp: 1164

Ion Ratio Lower Upper

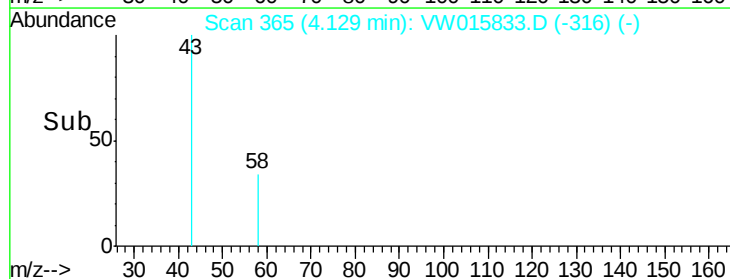
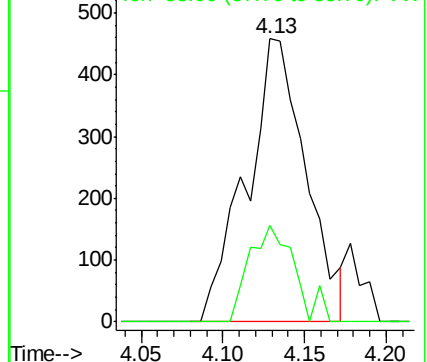
43 100

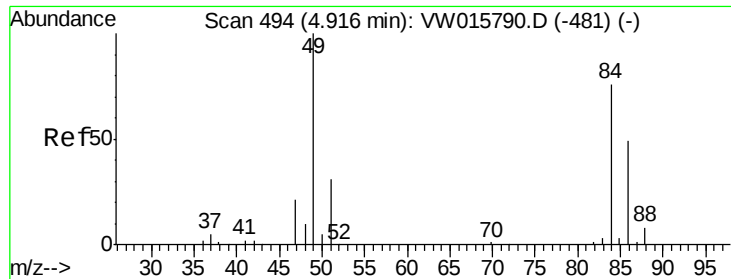
58 34.3 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



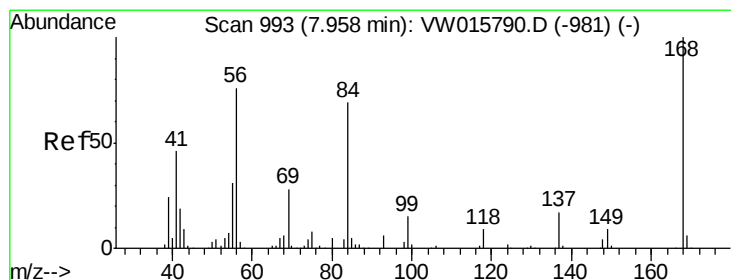
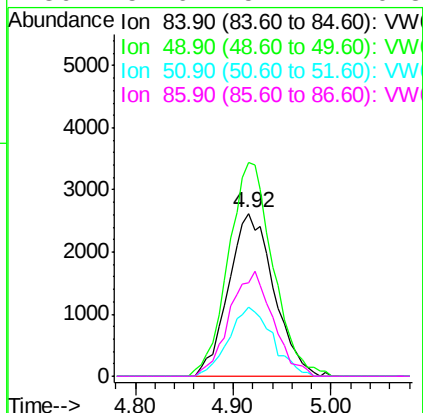
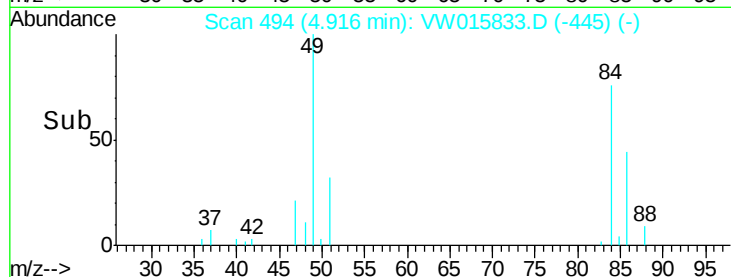
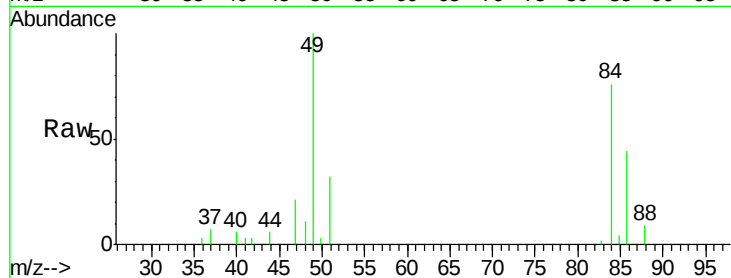


#20
Methvlene Chloride
Concen: 3.905 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015833.D
Acq: 09 Jul 2020 17:01

Instrument :
MSVOA_W
ClientSampleId :
RO-16RE

Tot Ion: 84 Resp: 8422

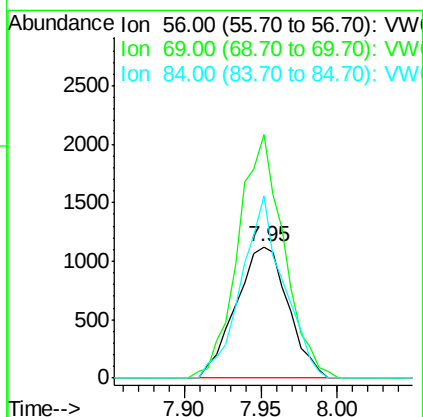
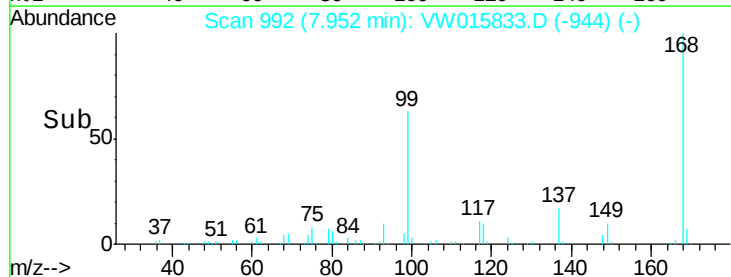
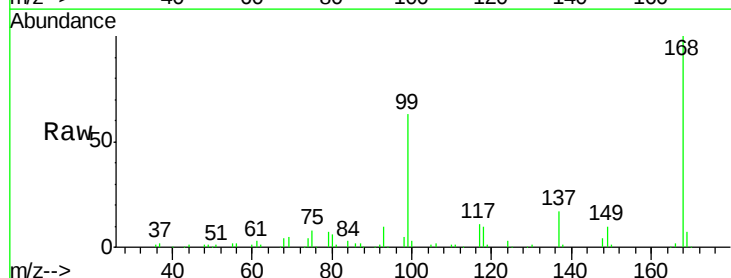
Ion	Ratio	Lower	Upper
84	100		
49	131.2	105.0	157.6
51	42.2	32.3	48.5
86	57.6	51.2	76.8

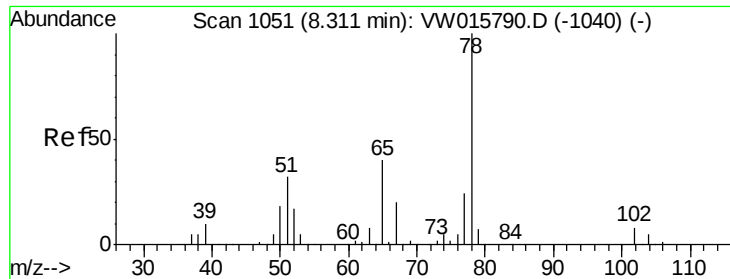


#31
Cyclohexane
Concen: 1.429 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015833.D
Acq: 09 Jul 2020 17:01

Tgt Ion: 56 Resp: 2673

Ion	Ratio	Lower	Upper
56	100		
69	185.3	28.9	43.3#
84	139.1	72.2	108.4#

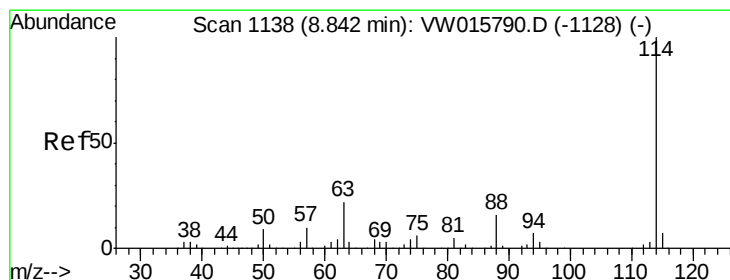
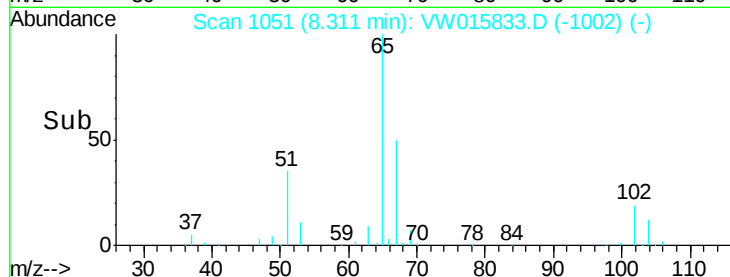
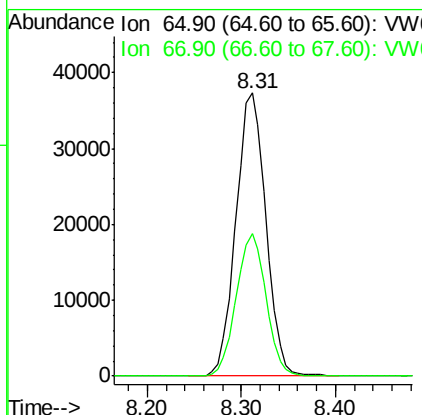
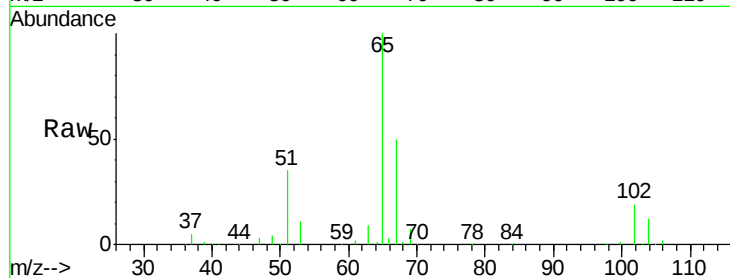




#33
 1,2-Dichloroethane-d4
 Concen: 76.658 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW015833.D
 Acq: 09 Jul 2020 17:01

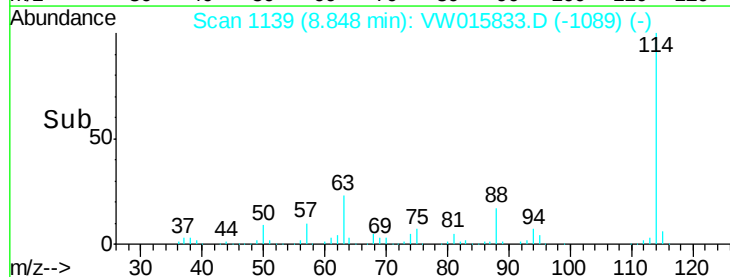
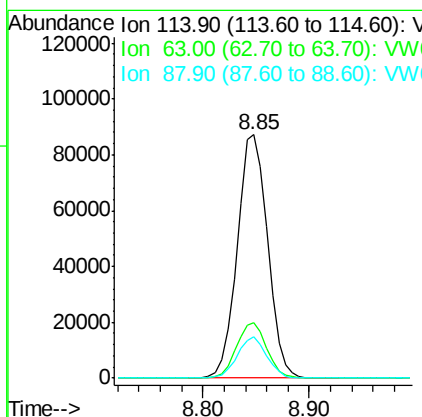
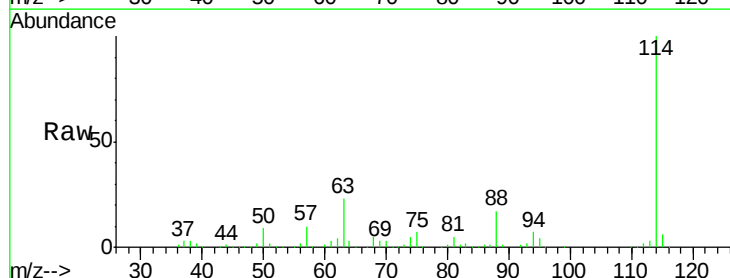
Instrument :
 MSVOA_W
 ClientSampleId :
 RO-16RE

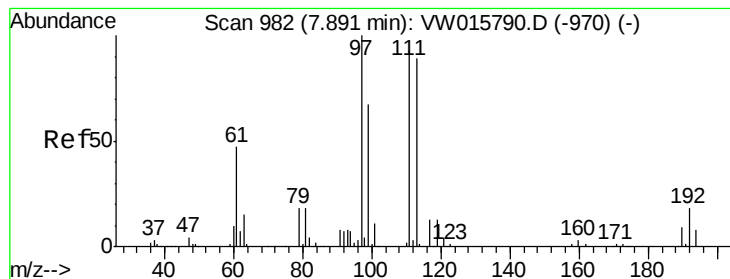
Tot Ion: 65 Resp: 82847
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015833.D
 Acq: 09 Jul 2020 17:01

Tgt Ion: 114 Resp: 175009
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.4
 88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 68.664 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW015833.D

Acq: 09 Jul 2020 17:01

Instrument :

MSVOA_W

ClientSampleId :

RO-16RE

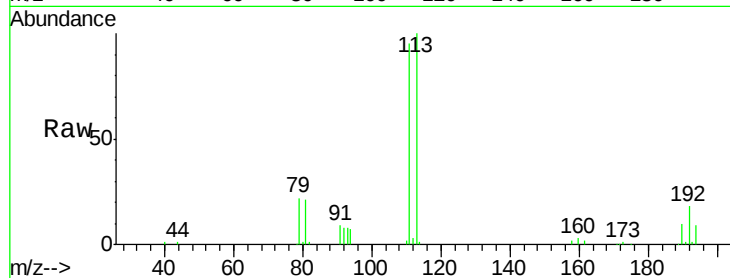
Tot Ion:113 Resp: 70108

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

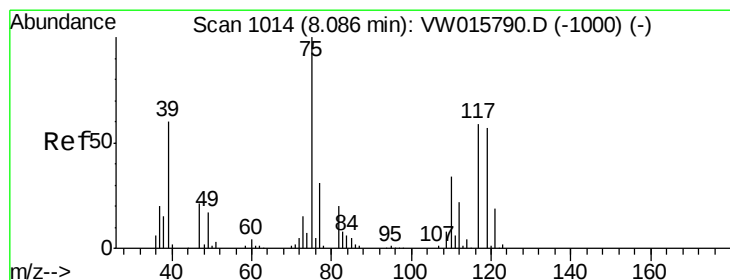
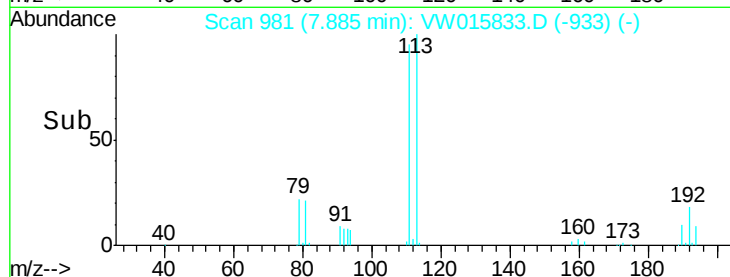
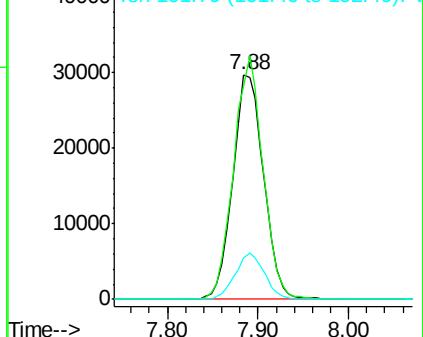
192 19.6 15.4 23.2



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: 5.148 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.13 min

Lab File: VW015833.D

Acq: 09 Jul 2020 17:01

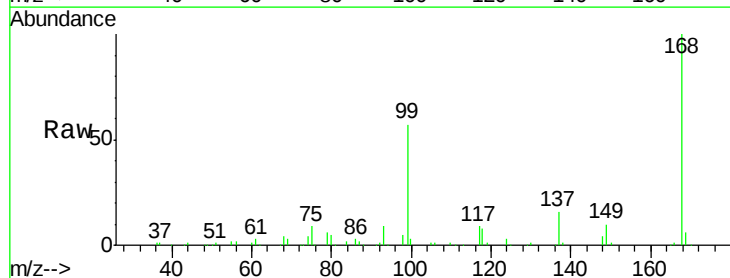
Tgt Ion: 75 Resp: 8882

Ion Ratio Lower Upper

75 100

110 9.0 16.8 50.3#

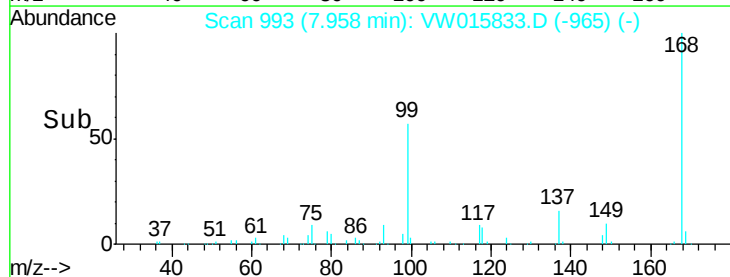
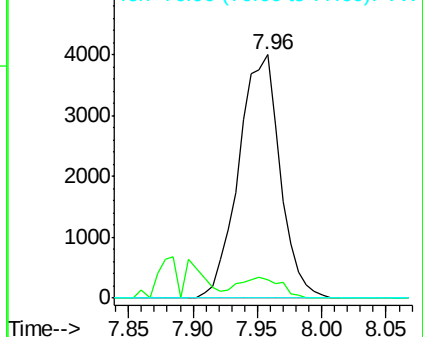
77 0.0 24.7 37.1#

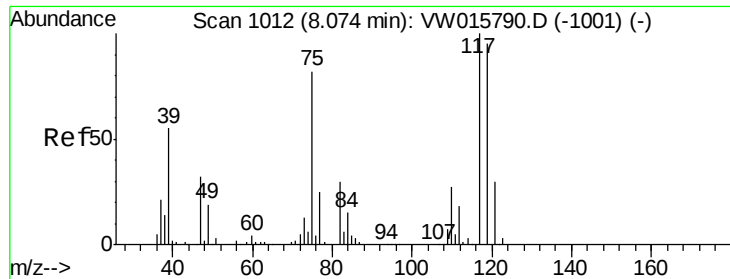


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

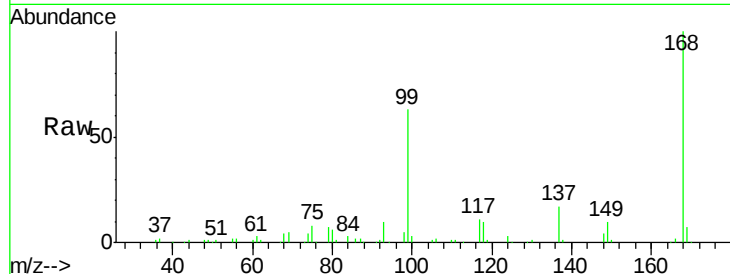




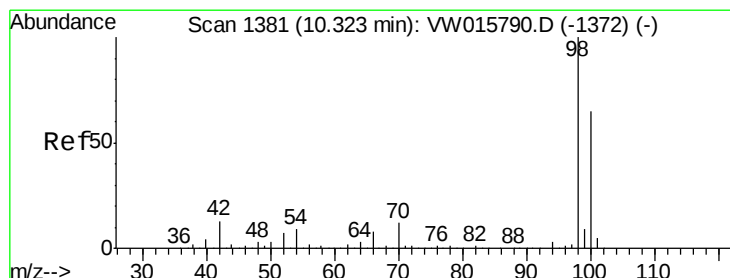
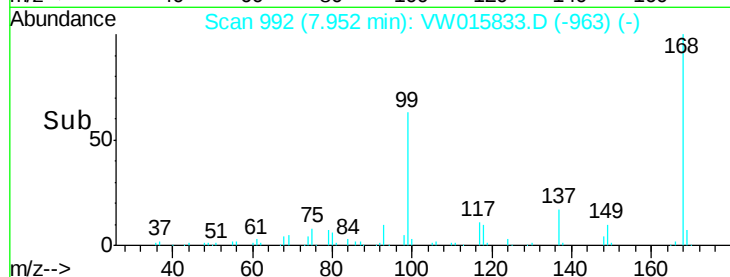
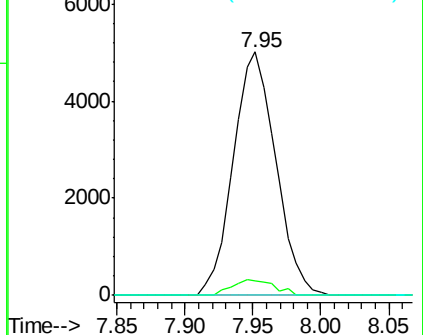
#38
Carbon Tetrachloride
Concen: 6.561 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015833.D
Acq: 09 Jul 2020 17:01

Instrument :
MSVOA_W
ClientSampleId :
RO-16RE

Tot Ion:117 Resp: 10952
Ion Ratio Lower Upper
117 100
119 6.0 76.3 114.5#
121 0.0 24.0 36.0#

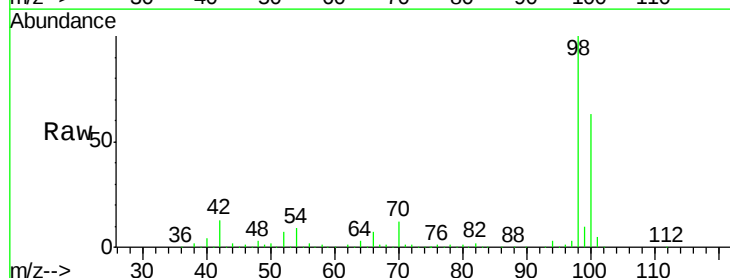


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

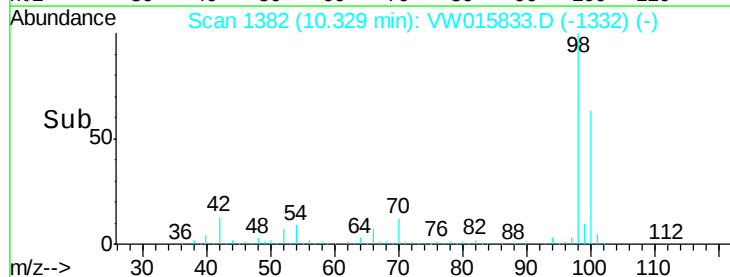
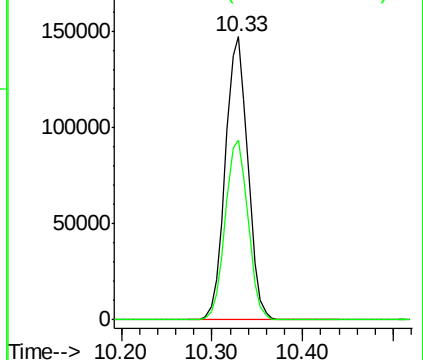


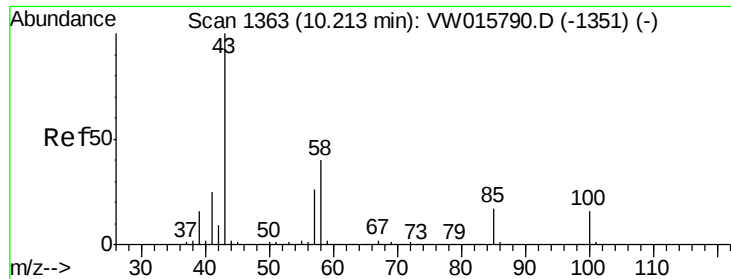
#50
Toluene-d8
Concen: 64.645 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW015833.D
Acq: 09 Jul 2020 17:01

Tgt Ion: 98 Resp: 253533
Ion Ratio Lower Upper
98 100
100 64.4 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: 2.182 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015833.D

Acq: 09 Jul 2020 17:01

Instrument :

MSVOA_W

ClientSampled :

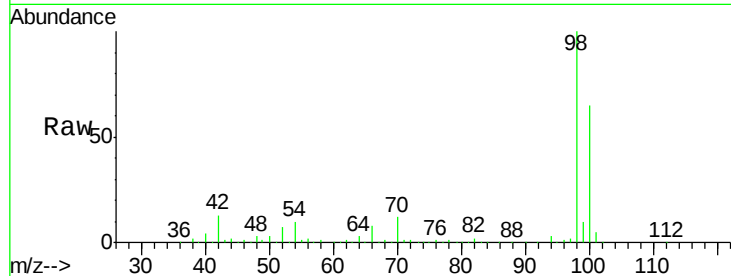
RO-16RE

Tot Ion: 43 Resp: 1393

Ion Ratio Lower Upper

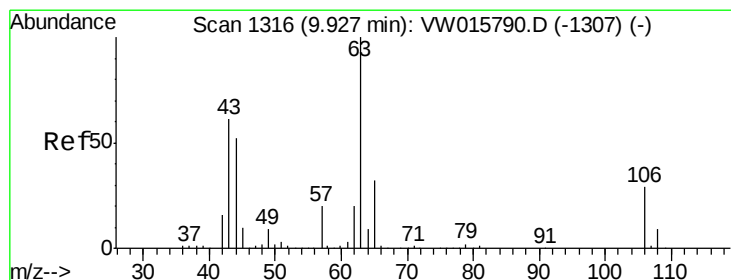
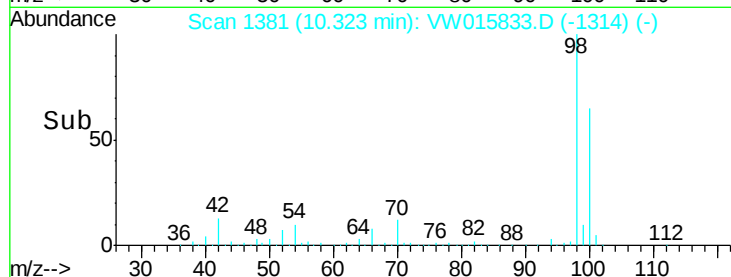
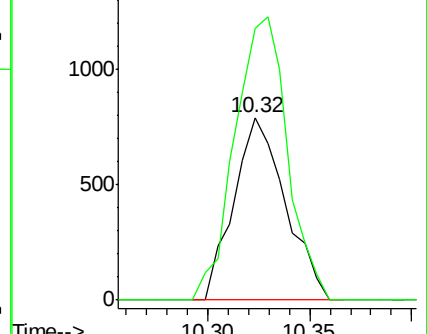
43 100

58 157.6 30.9 46.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#58

2-Chloroethyl Vinyl ether

Concen: 1.112 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VW015833.D

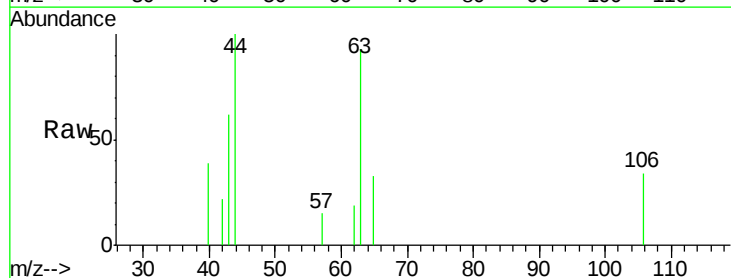
Acq: 09 Jul 2020 17:01

Tgt Ion: 63 Resp: 554

Ion Ratio Lower Upper

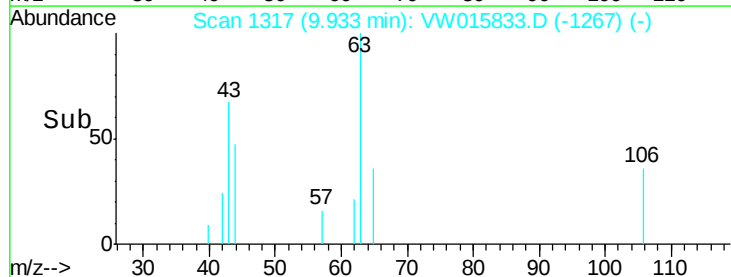
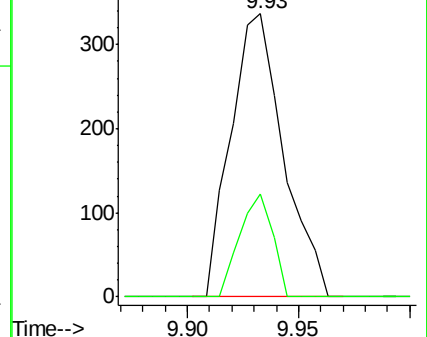
63 100

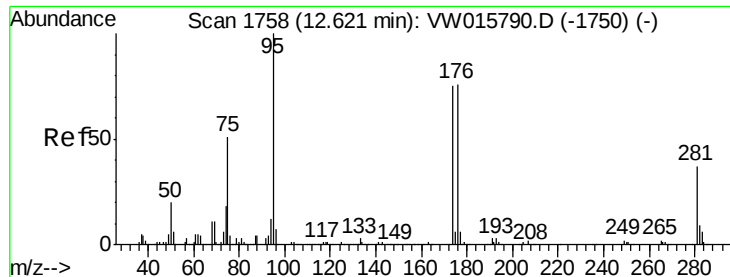
106 22.9 23.1 34.7#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

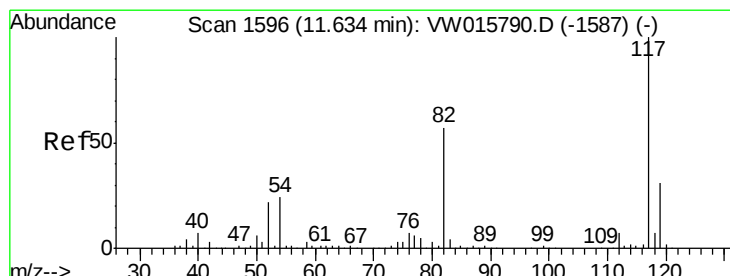
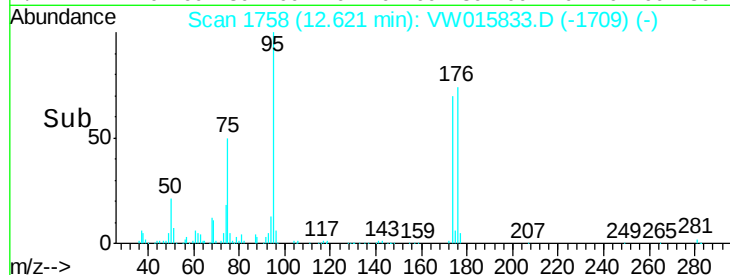
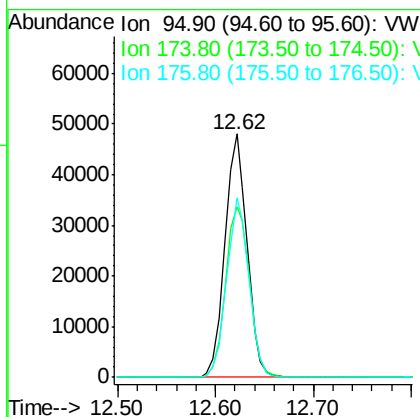
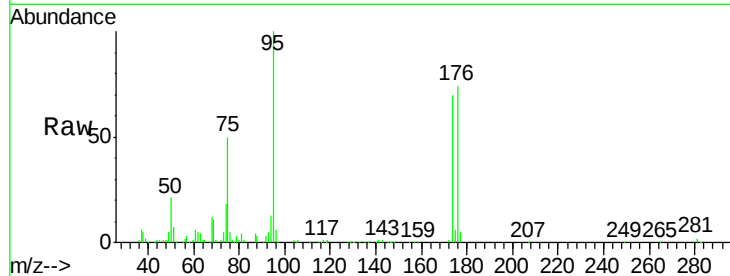




#62
4-Bromofluorobenzene
Concen: 52.220 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW015833.D
Acq: 09 Jul 2020 17:01

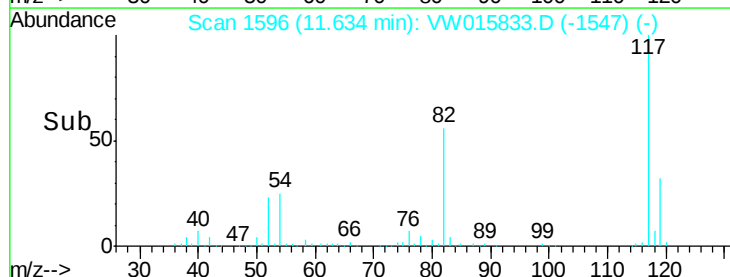
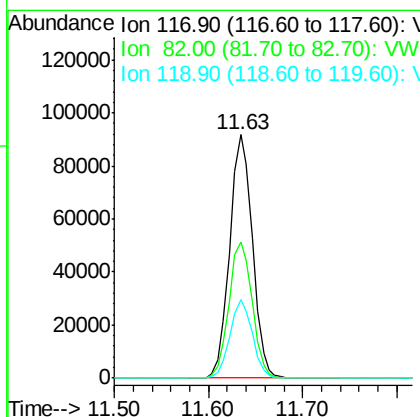
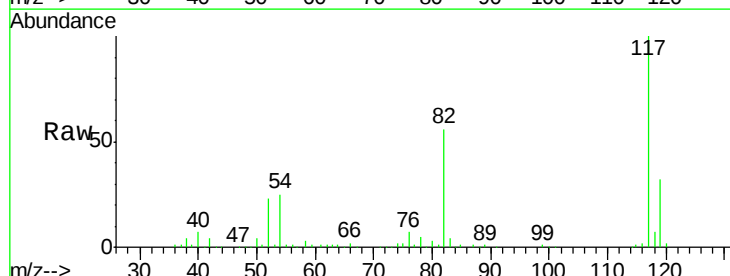
Instrument :
MSVOA_W
ClientSampled :
RO-16RE

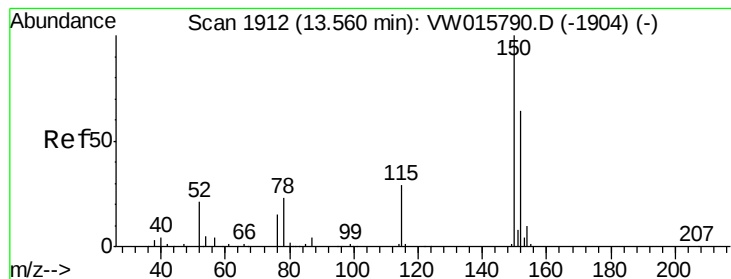
Tot Ion: 95 Resp: 75152
Ion Ratio Lower Upper
95 100
174 75.7 0.0 150.2
176 73.9 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015833.D
Acq: 09 Jul 2020 17:01

Tgt Ion: 117 Resp: 153598
Ion Ratio Lower Upper
117 100
82 55.9 45.5 68.3
119 32.1 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: VW015833.D

Acq: 09 Jul 2020 17:01

Instrument :

MSVOA_W

ClientSampleId :

RO-16RE

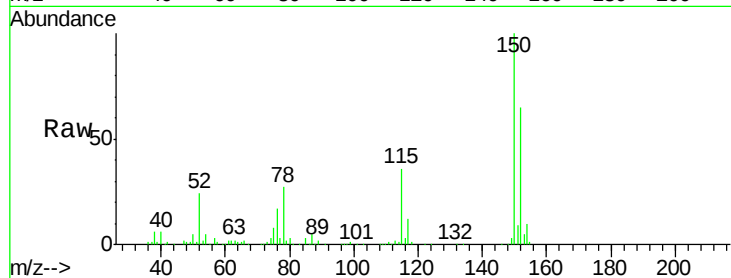
Tot Ion:152 Resp: 58704

Ion Ratio Lower Upper

152 100

115 60.4 29.9 89.7

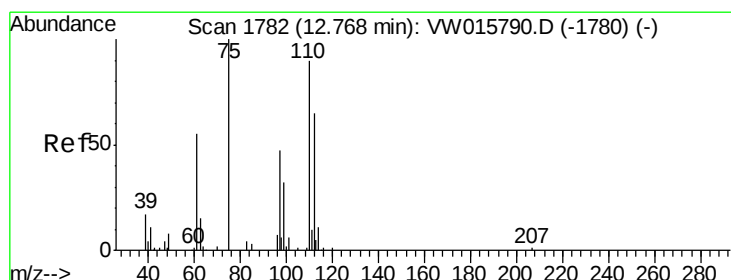
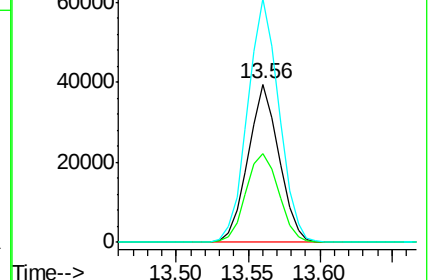
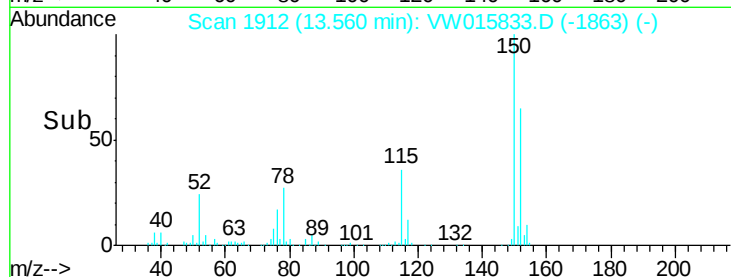
150 156.7 0.0 350.8



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: 77.563 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015833.D

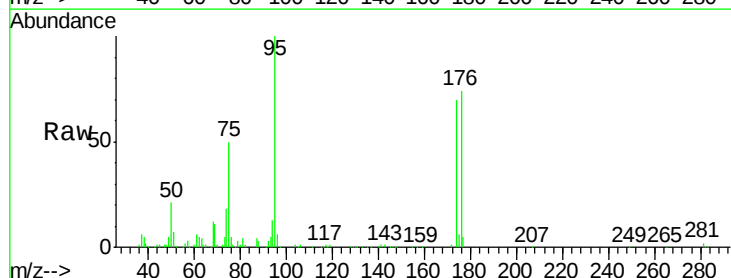
Acq: 09 Jul 2020 17:01

Tgt Ion: 75 Resp: 40017

Ion Ratio Lower Upper

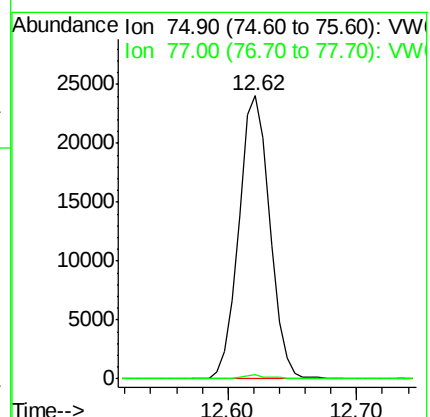
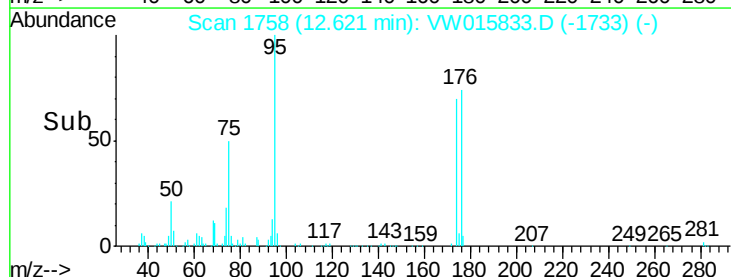
75 100

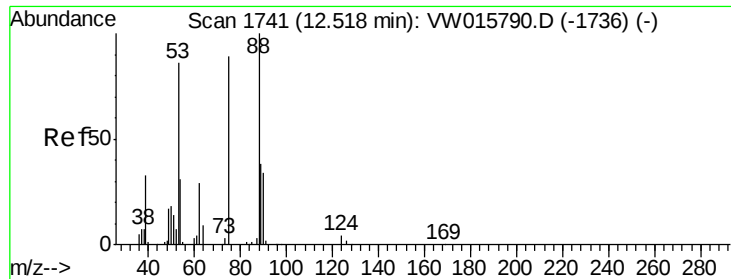
77 1.2 177.3 532.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

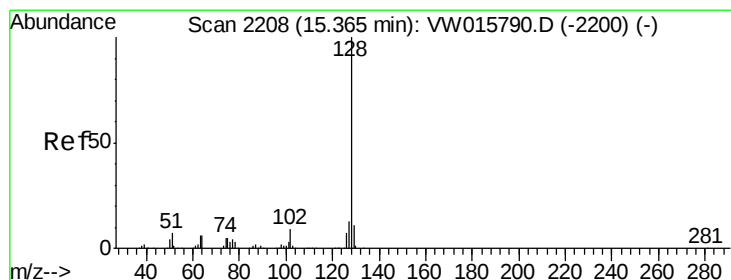
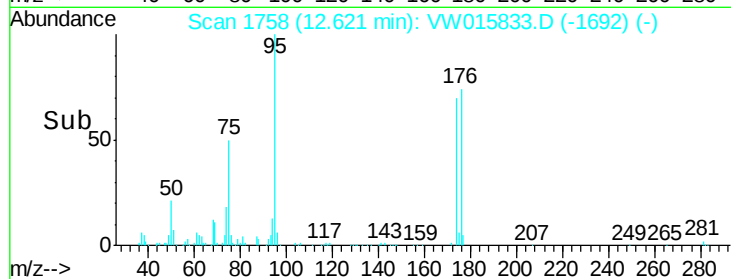
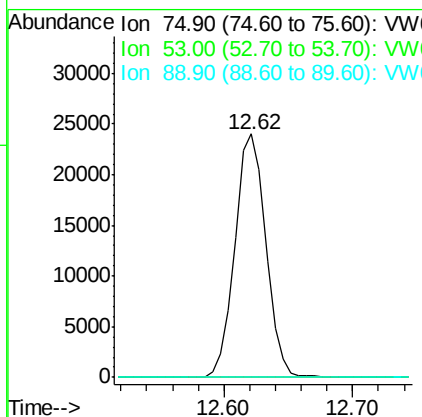
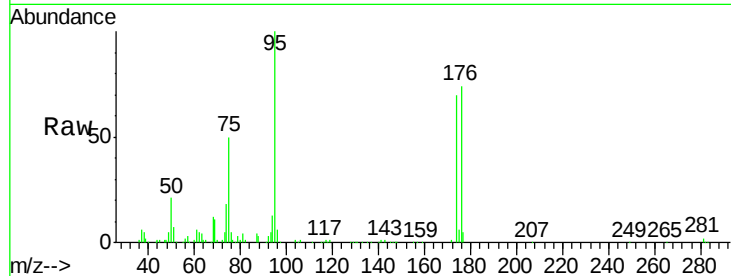




#81
trans-1,4-Dichloro-2-butene
Concen: 166.519 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW015833.D
Acq: 09 Jul 2020 17:01

Instrument :
MSVOA_W
ClientSampled :
RO-16RE

Tot Ion: 75 Resp: 40017
Ion Ratio Lower Upper
75 100
53 0.1 85.9 128.9#
89 0.0 36.2 54.4#



#95
Naphthalene
Concen: 2.953 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015833.D
Acq: 09 Jul 2020 17:01

Tgt Ion: 128 Resp: 287
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.7 13.1#

