

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015835.D
 Acq On : 09 Jul 2020 17:48
 Operator : SY/VA
 Sample : L3186-01RE
 Misc : 8.12G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-070820RE

Quant Time: Jul 10 05:45:40 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	146510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	256287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	226511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	99459	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107180	71.04	ug/l	0.00
Spiked Amount						
				Recovery	=	142.08%
35) Dibromofluoromethane	7.88	113	69921	46.76	ug/l	0.00
Spiked Amount						
				Recovery	=	93.52%
50) Toluene-d8	10.32	98	342190	59.58	ug/l	0.00
Spiked Amount						
				Recovery	=	119.16%
62) 4-Bromofluorobenzene	12.62	95	111765	53.03	ug/l	0.00
Spiked Amount						
				Recovery	=	106.06%

Target Compounds

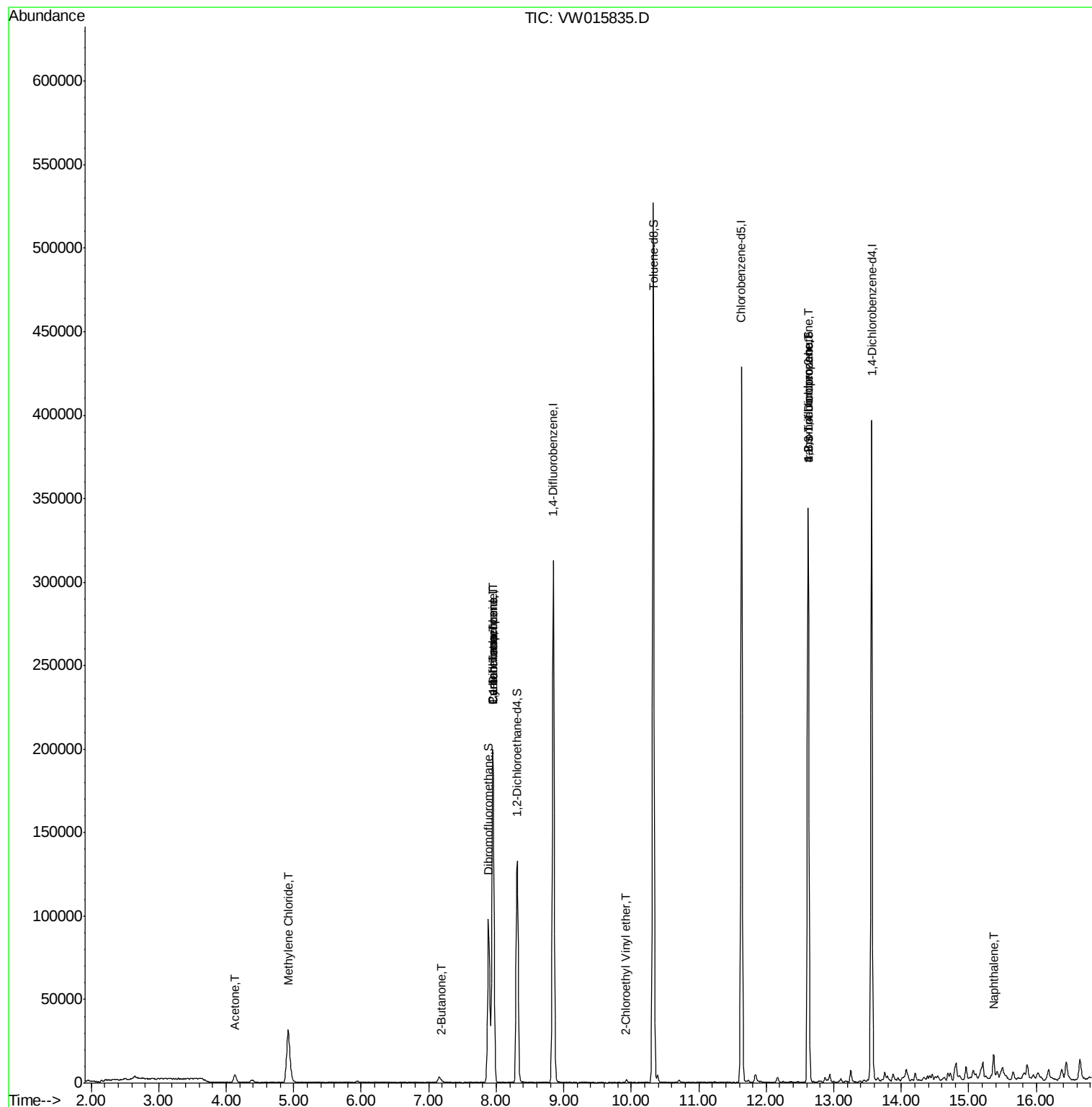
						Qvalue
16) Acetone	4.12	43	8915	31.581	ug/l	93
20) Methylene Chloride	4.92	84	26276	14.922	ug/l	96
25) 2-Butanone	7.19	43	2211	5.770	ug/l #	83
31) Cyclohexane	7.95	56	3764	1.441	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	12188	4.824	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15122	6.186	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.93	63	863	1.183	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	59649	68.240	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	59649	146.950	ug/l #	7
95) Naphthalene	15.36	128	11972	6.327	ug/l	97

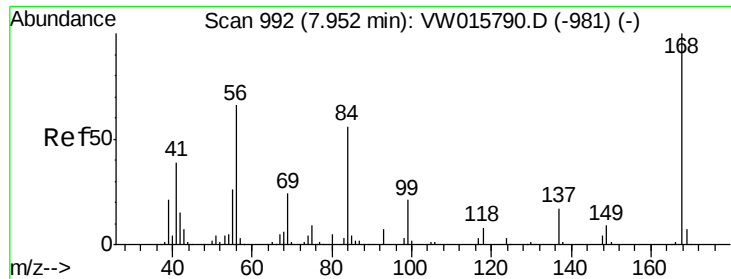
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015835.D

Acq: 09 Jul 2020 17:48

Instrument :

MSVOA_W

ClientSampleId :

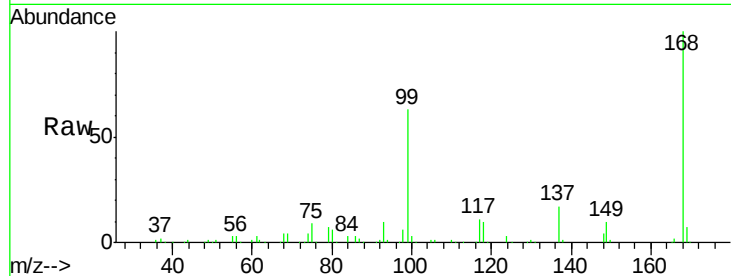
OR-02-070820RE

Tot Ion:168 Resp: 146510

Ion Ratio Lower Upper

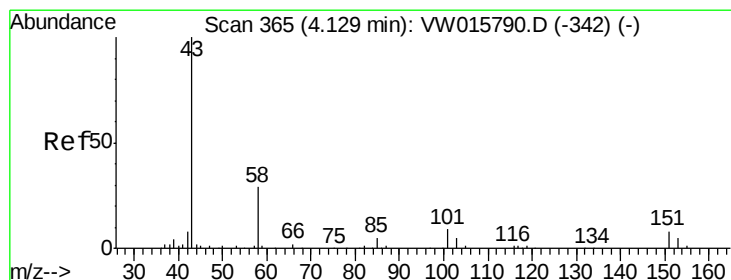
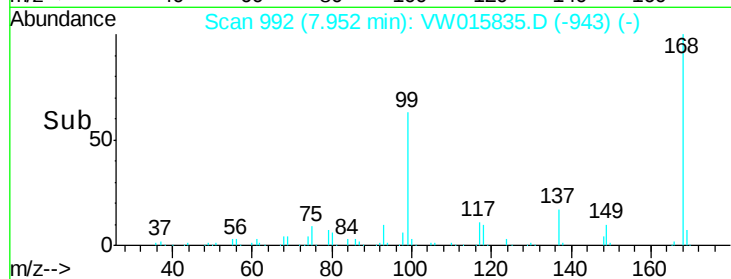
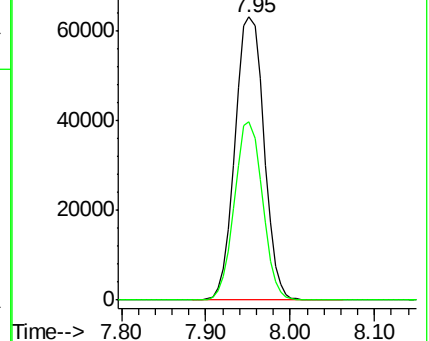
168 100

99 63.2 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: 31.581 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015835.D

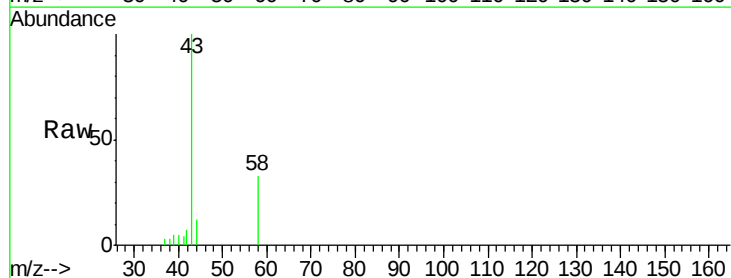
Acq: 09 Jul 2020 17:48

Tgt Ion: 43 Resp: 8915

Ion Ratio Lower Upper

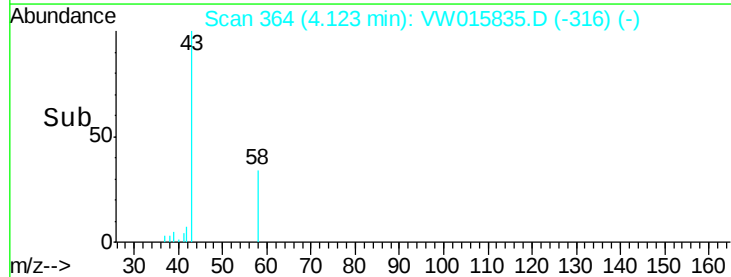
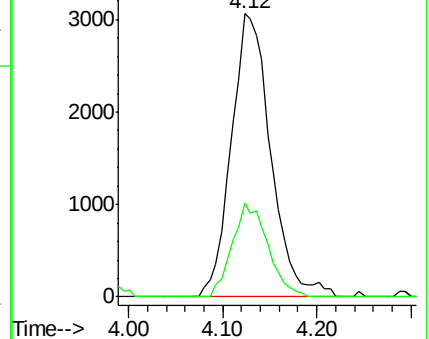
43 100

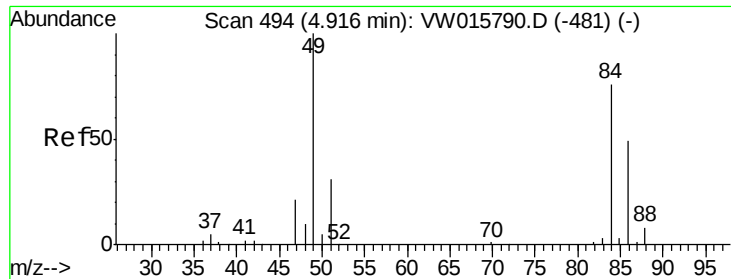
58 33.1 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

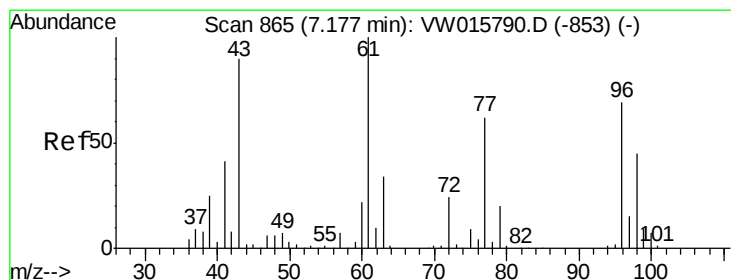
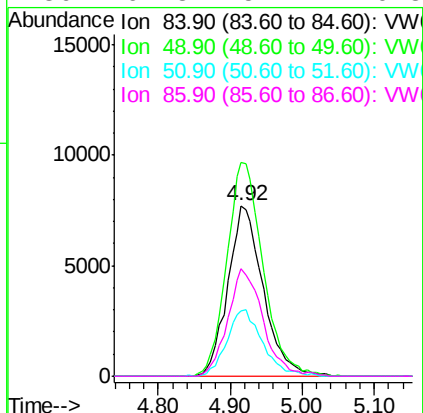
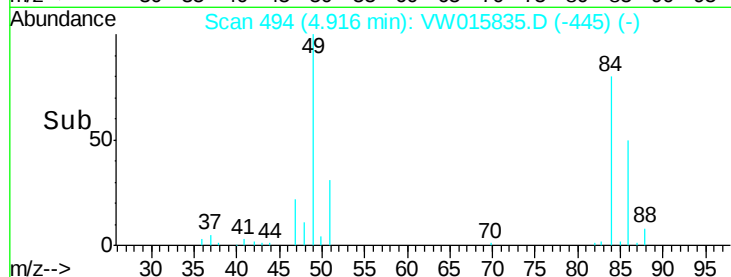
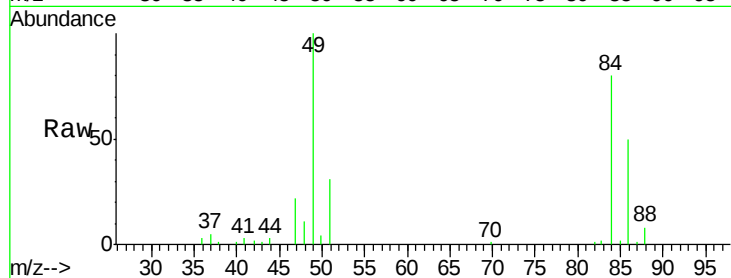




#20
Methvlene Chloride
Concen: 14.922 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015835.D
Acq: 09 Jul 2020 17:48

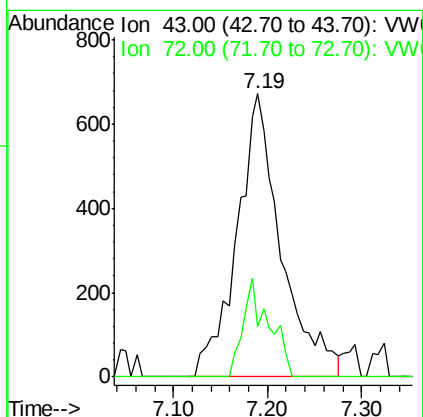
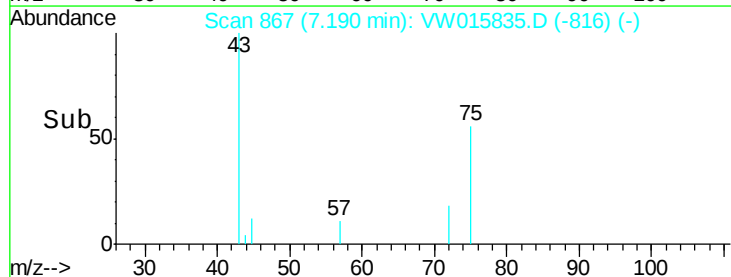
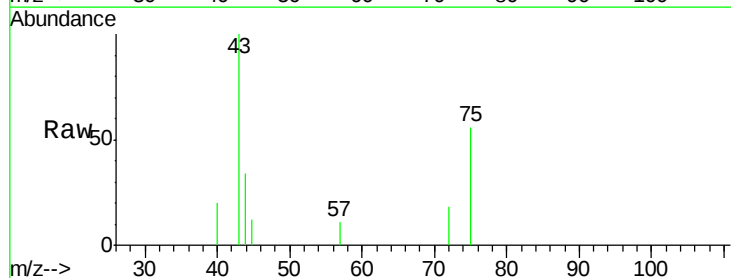
Instrument :
MSVOA_W
ClientSampleId :
OR-02-070820RE

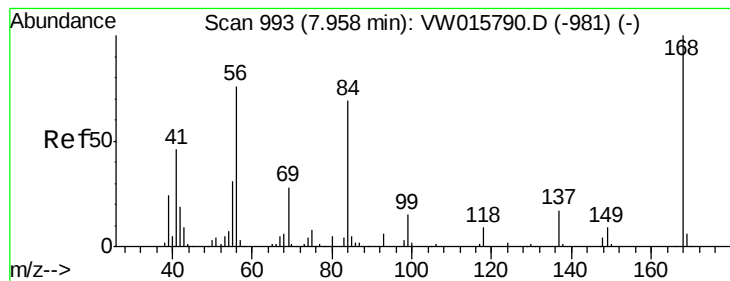
Tot Ion: 84 Resp: 26276
Ion Ratio Lower Upper
84 100
49 125.3 105.0 157.6
51 38.6 32.3 48.5
86 62.8 51.2 76.8



#25
2-Butanone
Concen: 5.770 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW015835.D
Acq: 09 Jul 2020 17:48

Tgt Ion: 43 Resp: 2211
Ion Ratio Lower Upper
43 100
72 17.9 21.3 31.9#





#31

Cyclohexane

Concen: 1.441 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015835.D

Acq: 09 Jul 2020 17:48

Instrument :

MSVOA_W

ClientSampleId :

OR-02-070820RE

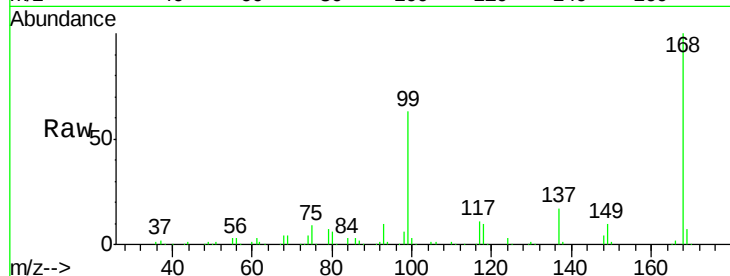
Tot Ion: 56 Resp: 3764

Ion Ratio Lower Upper

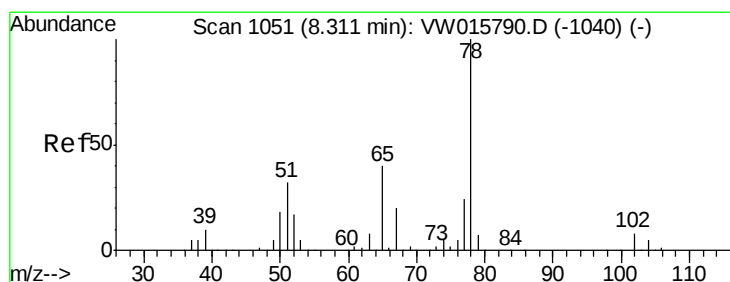
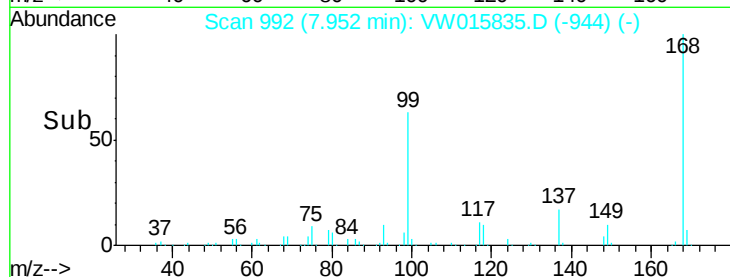
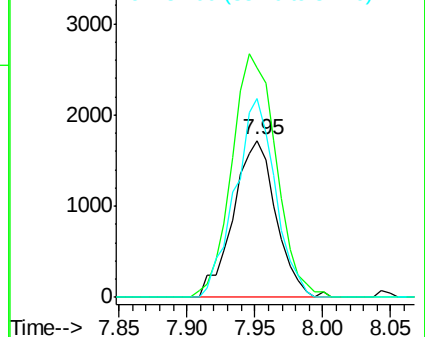
56 100

69 146.4 28.9 43.3#

84 126.9 72.2 108.4#



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: 71.042 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015835.D

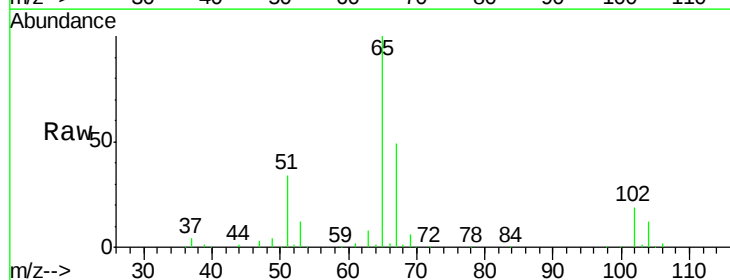
Acq: 09 Jul 2020 17:48

Tgt Ion: 65 Resp: 107180

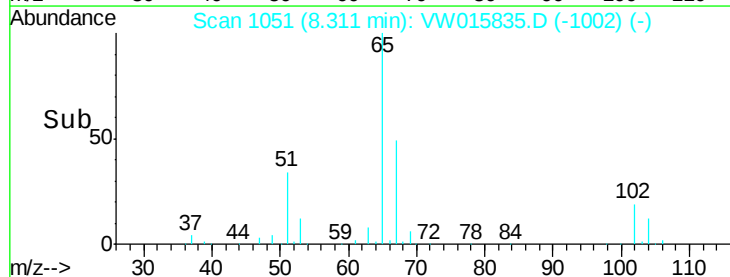
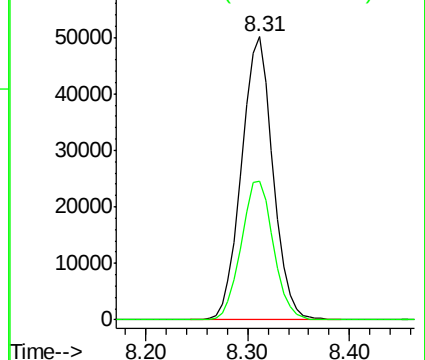
Ion Ratio Lower Upper

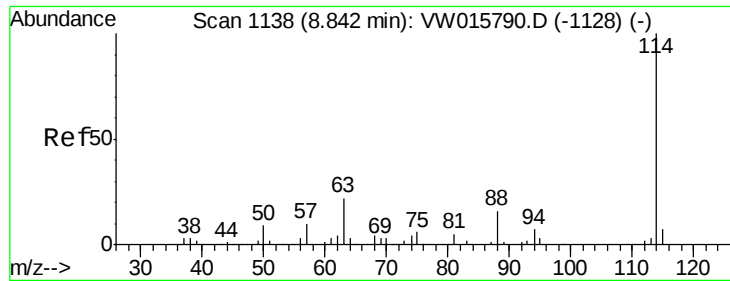
65 100

67 50.4 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

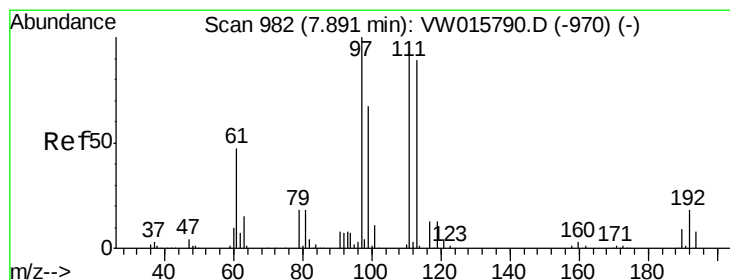
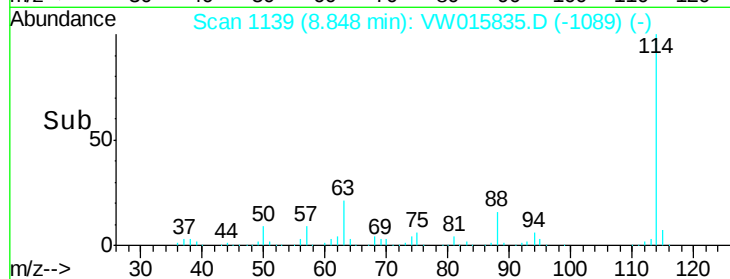
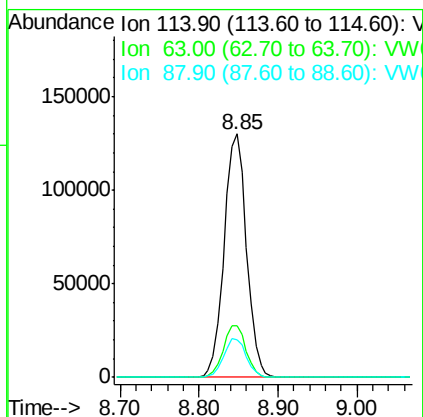
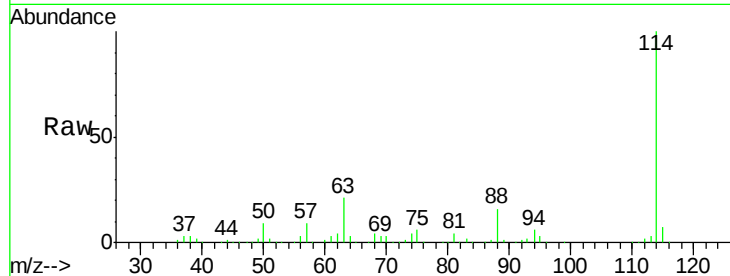




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015835.D
 Acq: 09 Jul 2020 17:48

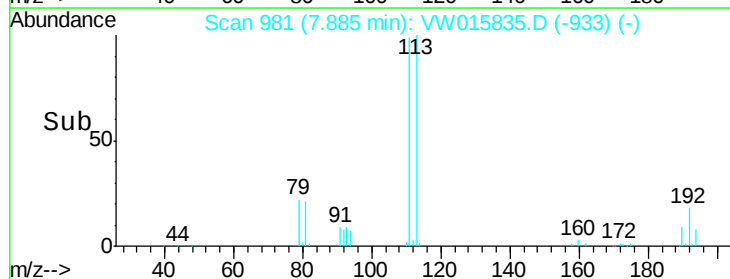
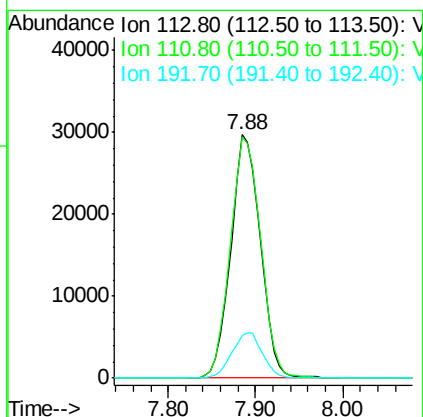
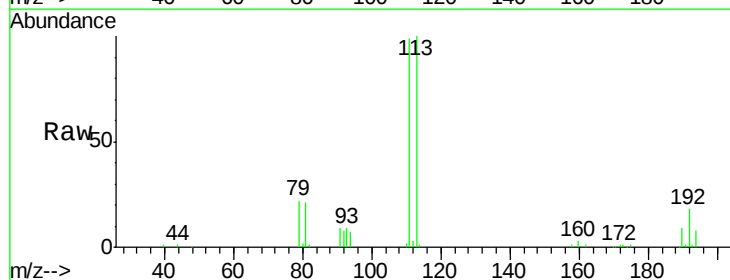
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-070820RE

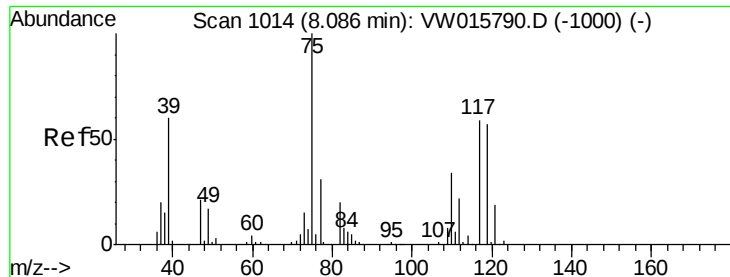
Tot Ion:114 Resp: 256287
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.4
 88 15.7 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 46.763 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW015835.D
 Acq: 09 Jul 2020 17:48

Tgt Ion:113 Resp: 69921
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.8 124.2
 192 19.2 15.4 23.2

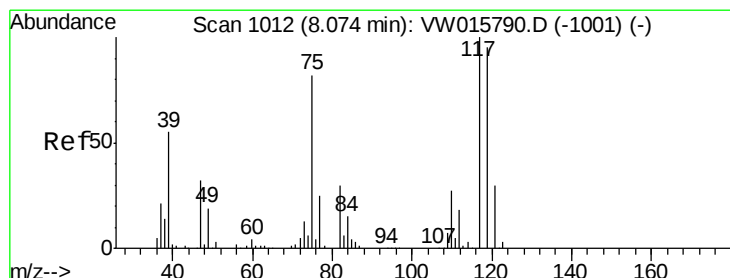
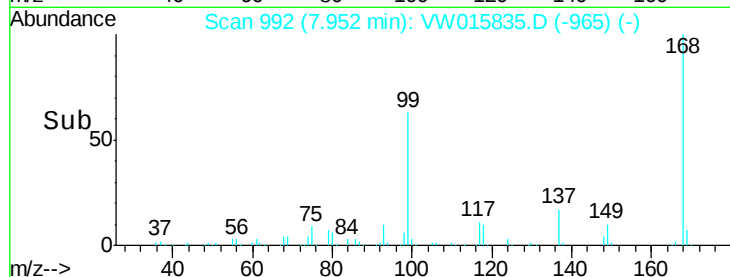
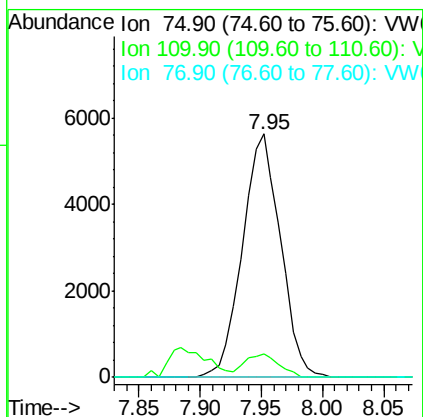
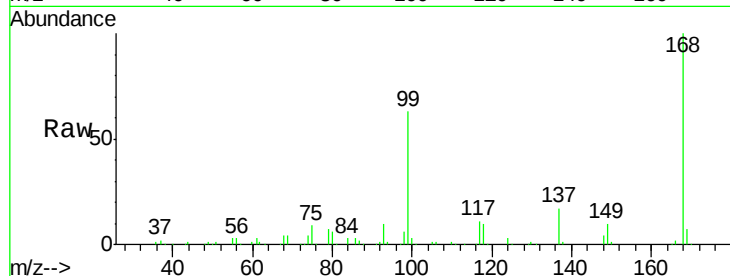




#36
 1,1-Dichloropropene
 Concen: 4.824 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015835.D
 Acq: 09 Jul 2020 17:48

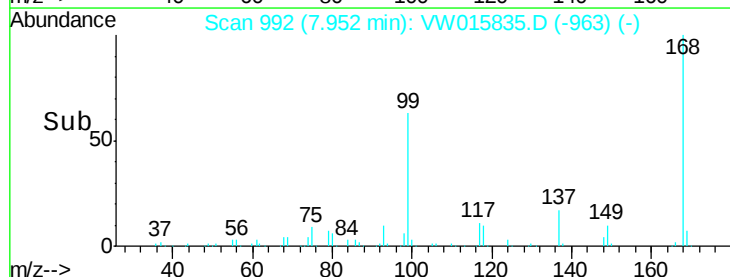
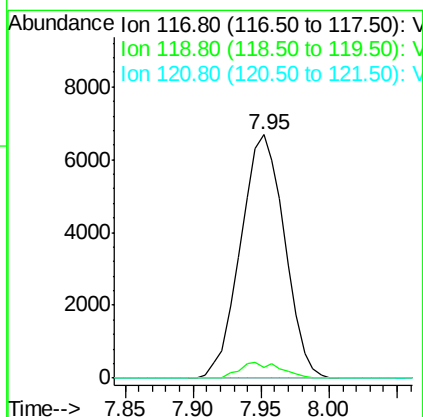
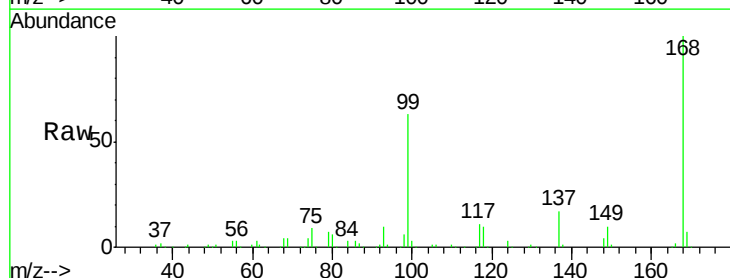
Instrument :
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 ClientSampleId :
 OR-02-070820RE

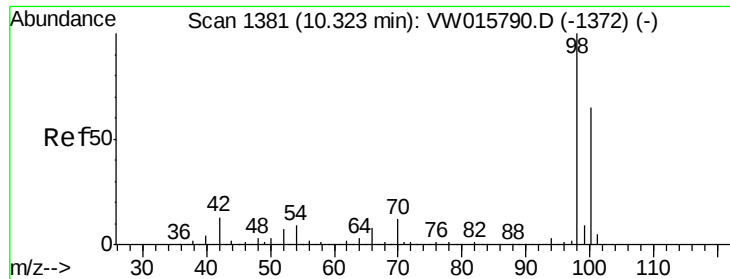
Tot Ion: 75 Resp: 12188
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.8 50.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.186 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW015835.D
 Acq: 09 Jul 2020 17:48

Tgt Ion: 117 Resp: 15122
 Ion Ratio Lower Upper
 117 100
 119 4.5 76.3 114.5#
 121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 59.580 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015835.D

Acq: 09 Jul 2020 17:48

Instrument :

MSVOA_W

ClientSampleId :

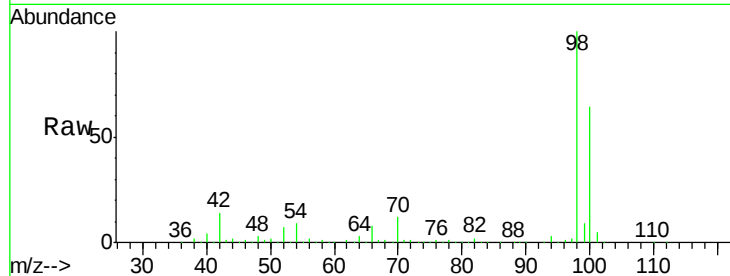
OR-02-070820RE

Tot Ion: 98 Resp: 342190

Ion Ratio Lower Upper

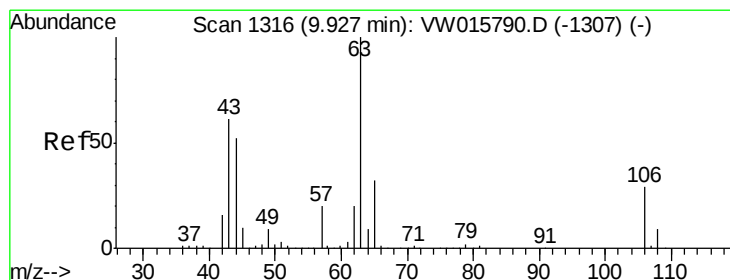
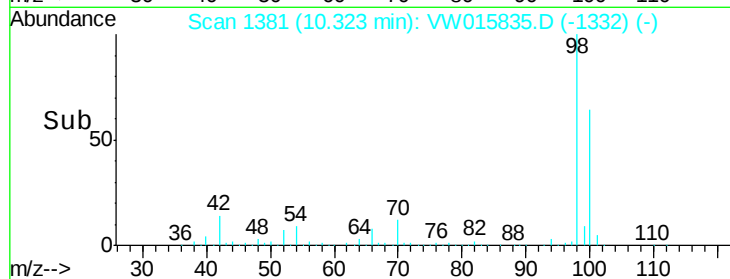
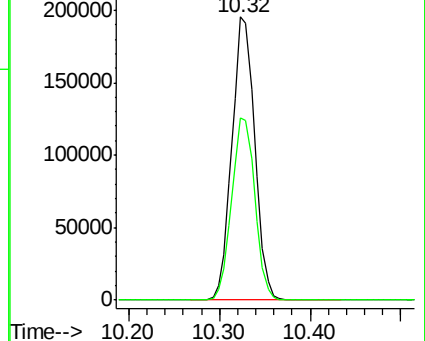
98 100

100 65.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#58

2-Chloroethyl Vinyl ether

Concen: 1.183 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW015835.D

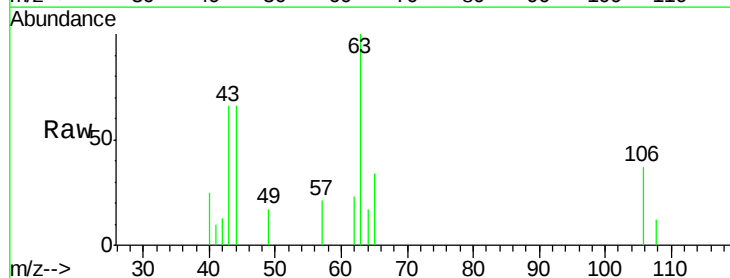
Acq: 09 Jul 2020 17:48

Tgt Ion: 63 Resp: 863

Ion Ratio Lower Upper

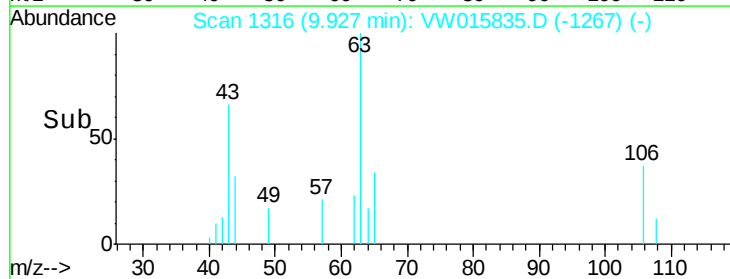
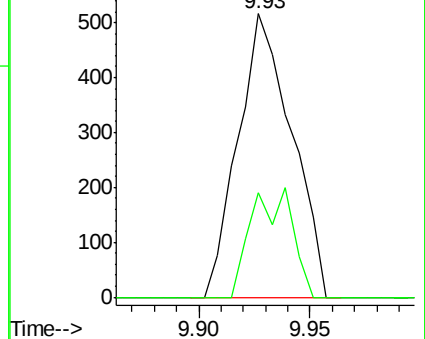
63 100

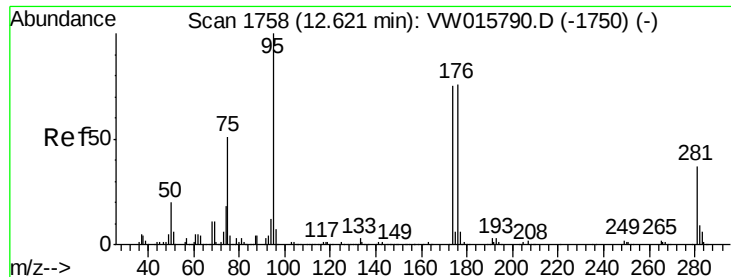
106 29.8 23.1 34.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): VW

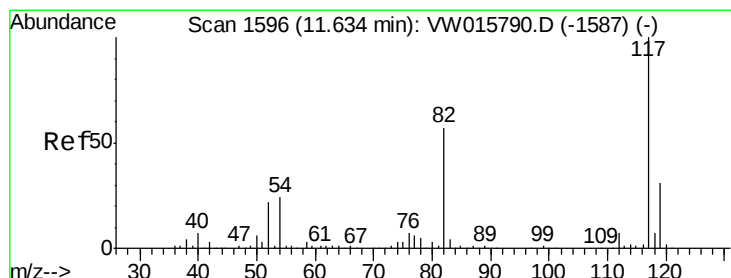
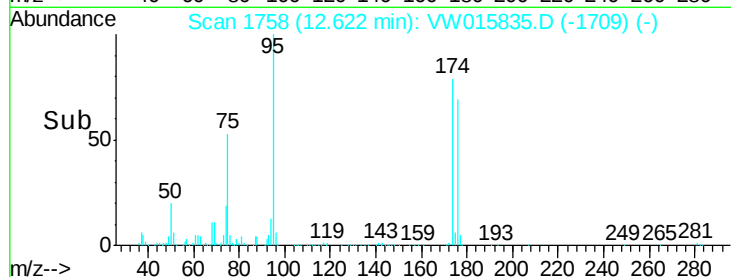
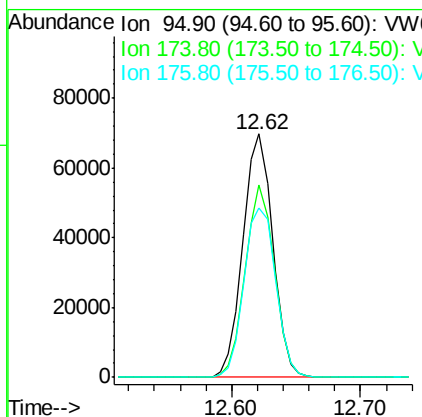
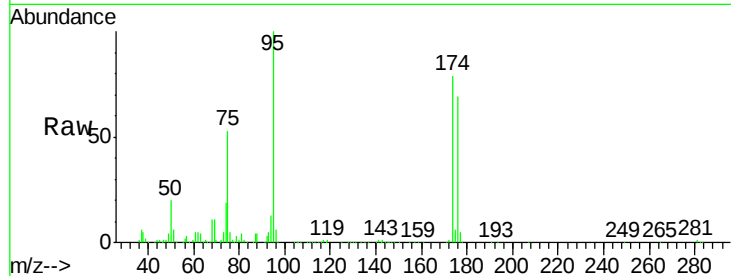




#62
4-Bromofluorobenzene
Concen: 53.032 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015835.D
Acq: 09 Jul 2020 17:48

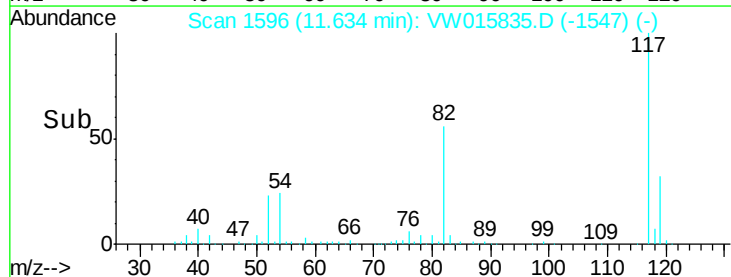
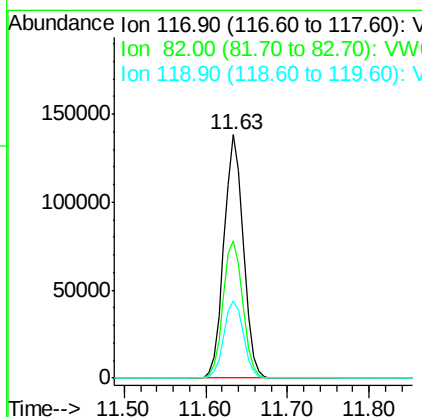
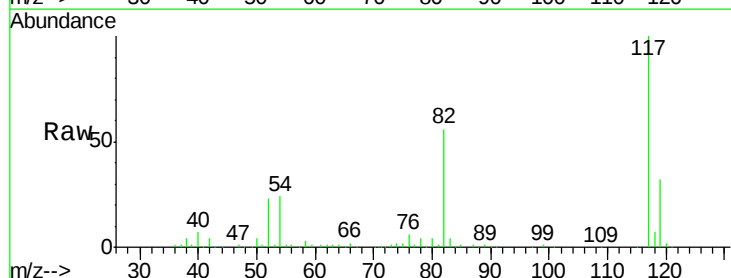
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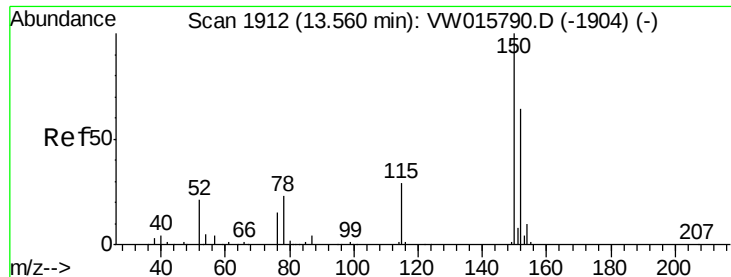
Tot Ion: 95 Resp: 111765
Ion Ratio Lower Upper
95 100
174 77.5 0.0 150.2
176 73.8 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015835.D
Acq: 09 Jul 2020 17:48

Tgt Ion: 117 Resp: 226511
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 31.8 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: VW015835.D

Acq: 09 Jul 2020 17:48

Instrument :

MSVOA_W

ClientSampleId :

OR-02-070820RE

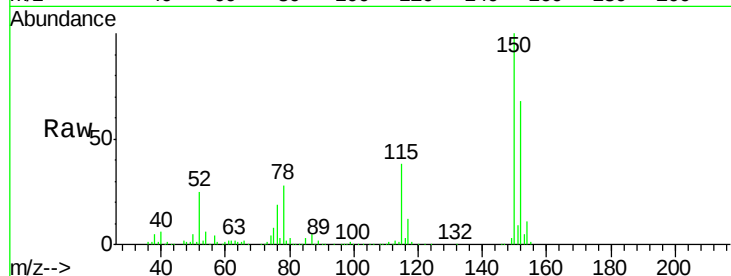
Tot Ion:152 Resp: 99459

Ion Ratio Lower Upper

152 100

115 59.2 29.9 89.7

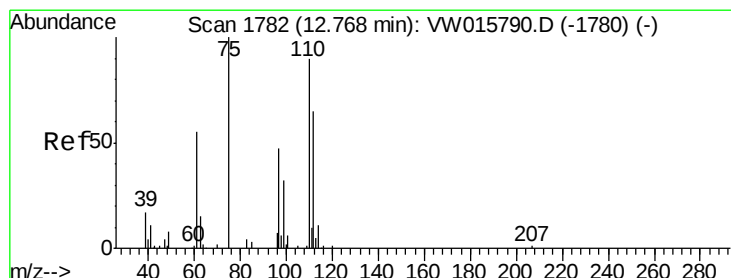
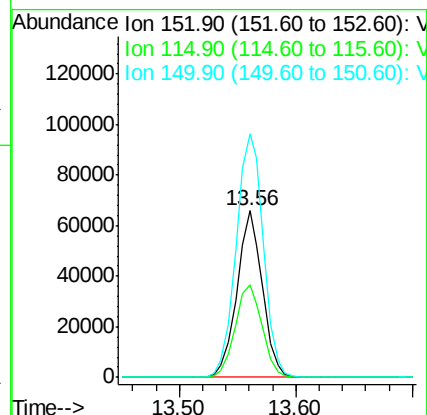
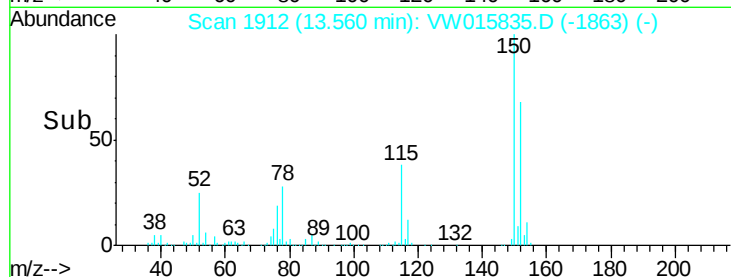
150 156.4 0.0 350.8



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: 68.240 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015835.D

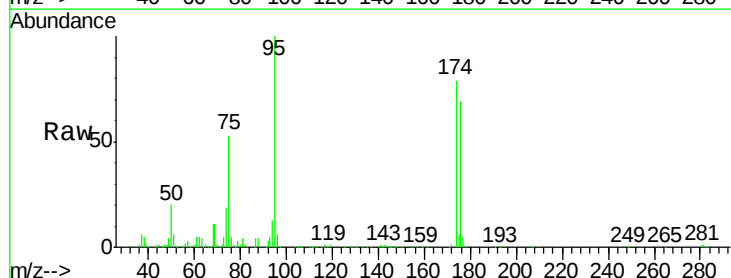
Acq: 09 Jul 2020 17:48

Tgt Ion: 75 Resp: 59649

Ion Ratio Lower Upper

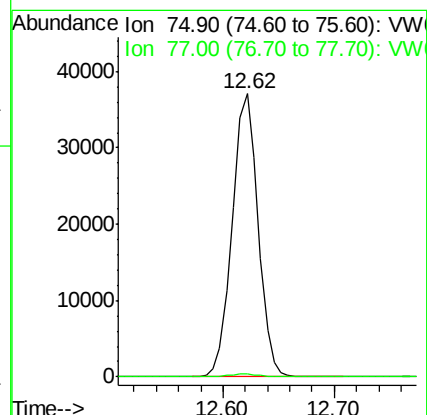
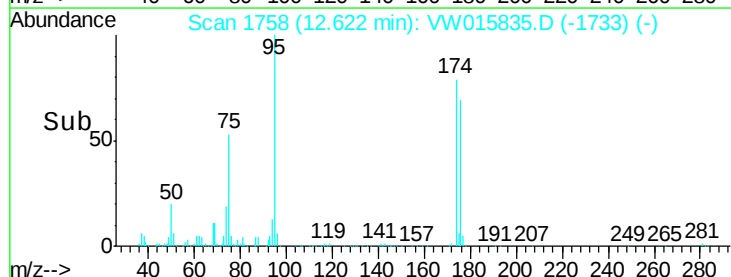
75 100

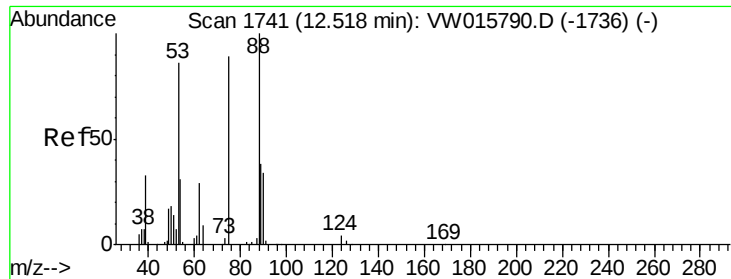
77 1.3 177.3 532.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

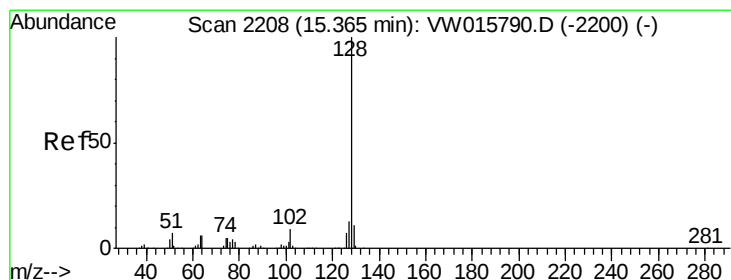
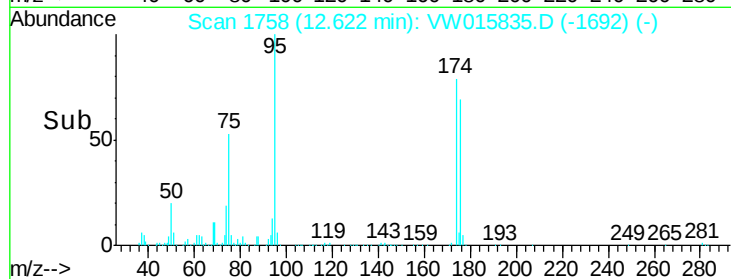
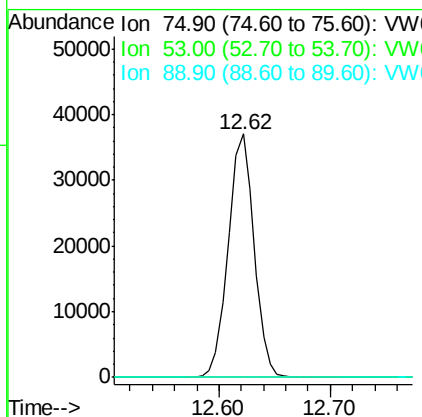
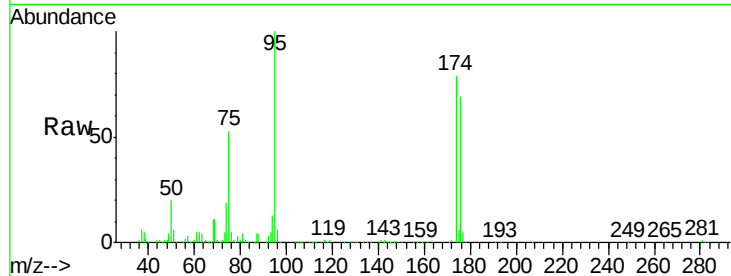




#81
trans-1,4-Dichloro-2-butene
Concen: 146.950 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW015835.D
Acq: 09 Jul 2020 17:48

Instrument :
MSVOA_W
ClientSampleId :
OR-02-070820RE

Tot Ion: 75 Resp: 59649
Ion Ratio Lower Upper
75 100
53 0.1 85.9 128.9#
89 0.0 36.2 54.4#



#95
Naphthalene
Concen: 6.327 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015835.D
Acq: 09 Jul 2020 17:48

Tgt Ion: 128 Resp: 11972
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 12.8 8.7 13.1

