

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015813.D
 Acq On : 08 Jul 2020 16:49
 Operator : SY/VA
 Sample : L3203-05
 Misc : 7.46G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-10

Quant Time: Jul 09 04:41:44 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	157061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	273659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	245855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109165	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	97668	60.39	ug/l	0.00
Spiked Amount			Recovery	=	120.78%	
35) Dibromofluoromethane	7.89	113	86599	54.24	ug/l	0.00
Spiked Amount			Recovery	=	108.48%	
50) Toluene-d8	10.33	98	335583	54.72	ug/l	0.00
Spiked Amount			Recovery	=	109.44%	
62) 4-Bromofluorobenzene	12.62	95	112545	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	

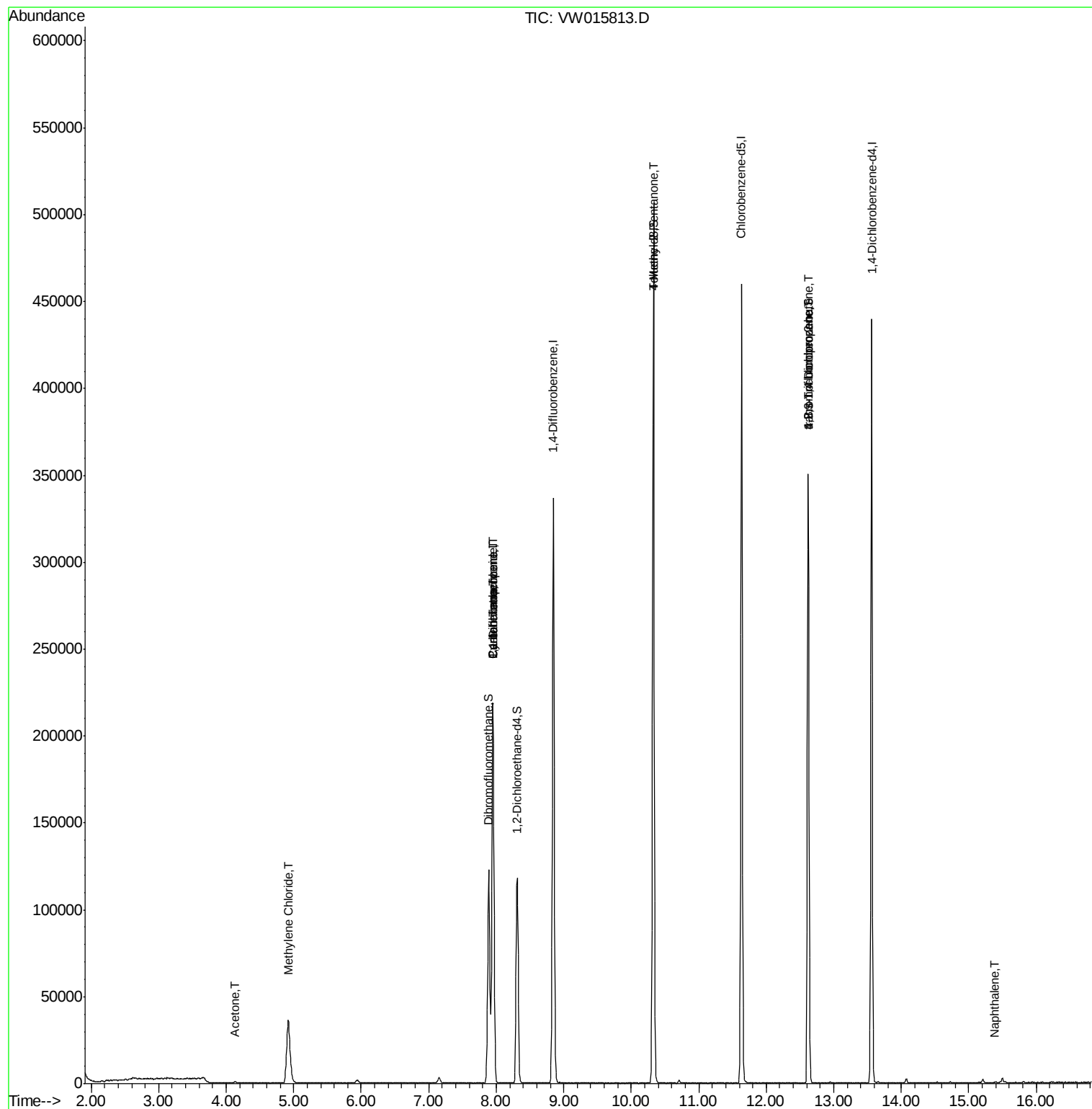
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	1260	4.164	ug/l	92
20) Methylene Chloride	4.92	84	31325	17.157	ug/l	96
31) Cyclohexane	7.95	56	3782	1.351	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	12954	4.802	ug/l #	51
38) Carbon Tetrachloride	7.95	117	16353	6.265	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1682	1.685	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	60628	63.193	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	60628	136.357	ug/l #	7
95) Naphthalene	15.38	128	175	2.857	ug/l #	69

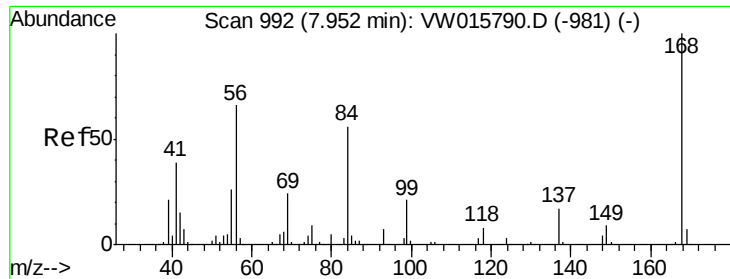
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070820\
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MSVOA_W
ClientSampleId :
RO-10

Quant Time: Jul 09 04:41:44 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: VW015813.D

Acq: 08 Jul 2020 16:49

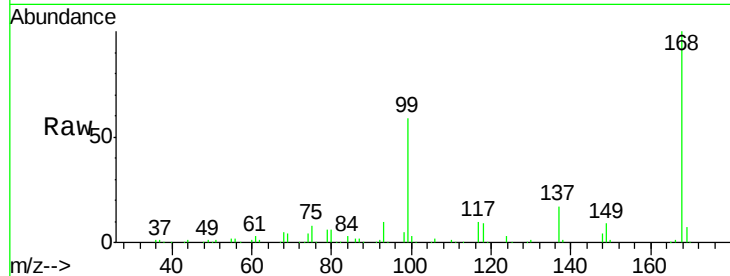
Instrument :
MSVOA_W
ClientSampled :
RO-10

Tot Ion:168 Resp: 157061

Ion Ratio Lower Upper

168 100

99 59.4 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

80000

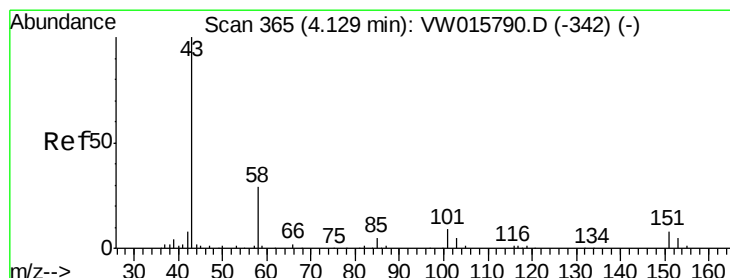
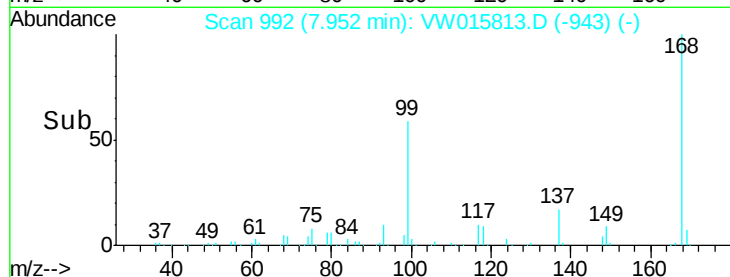
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 4.164 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW015813.D

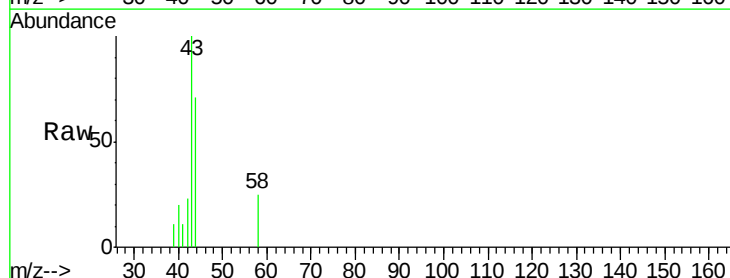
Acq: 08 Jul 2020 16:49

Tgt Ion: 43 Resp: 1260

Ion Ratio Lower Upper

43 100

58 25.2 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

500

400

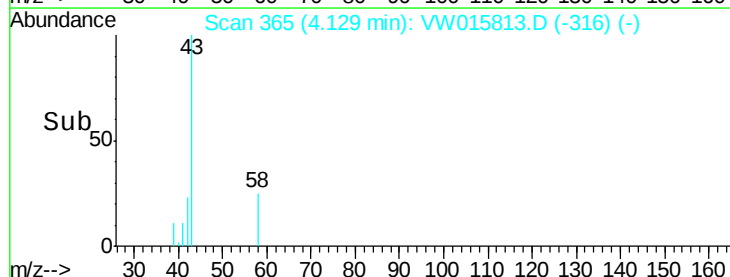
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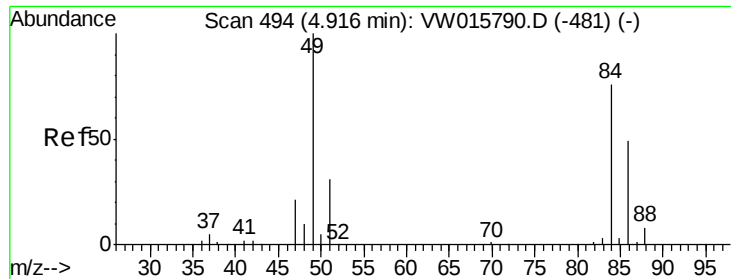
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100

0

Time-->

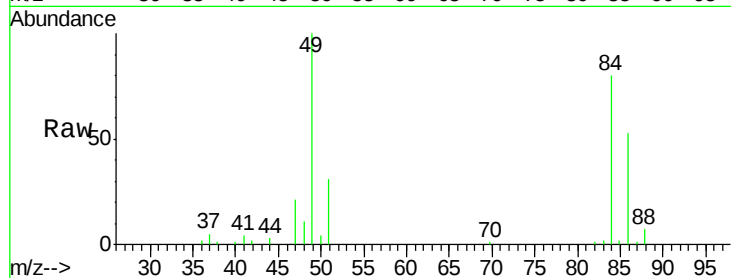




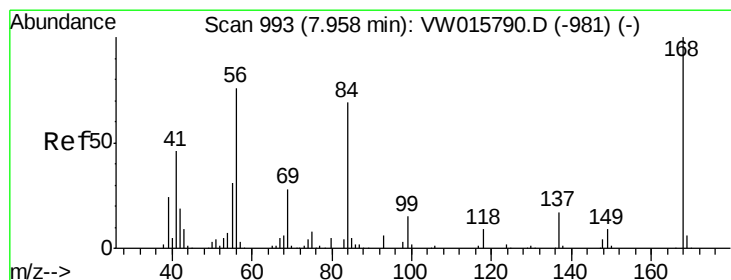
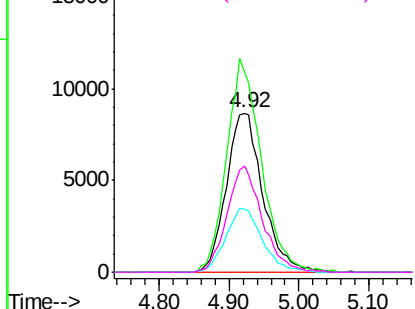
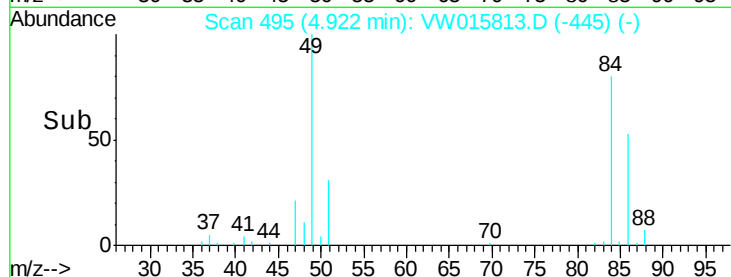
#20
Methylene Chloride
Concen: 17.157 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015813.D
Acq: 08 Jul 2020 16:49

Instrument :
MSVOA_W
ClientSampleId :
RO-10

Tot Ion: 84 Resp: 31325
Ion Ratio Lower Upper
84 100
49 125.4 105.0 157.6
51 39.4 32.3 48.5
86 66.8 51.2 76.8

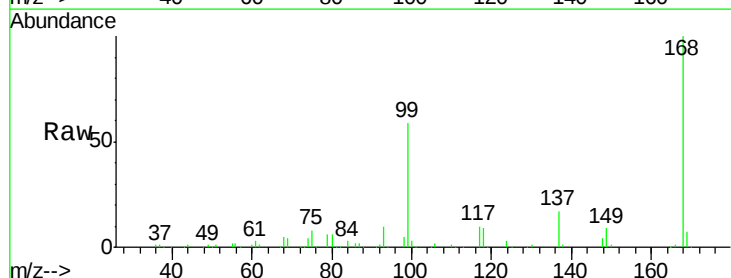


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

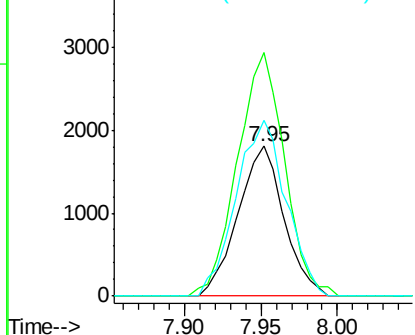
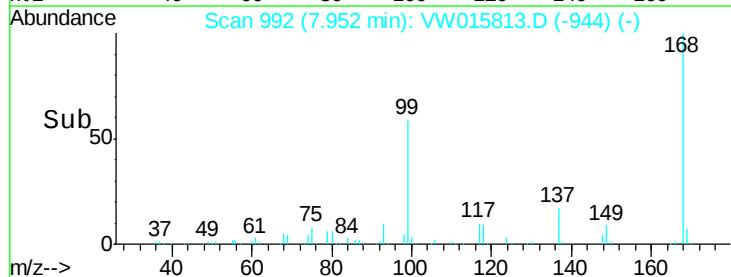


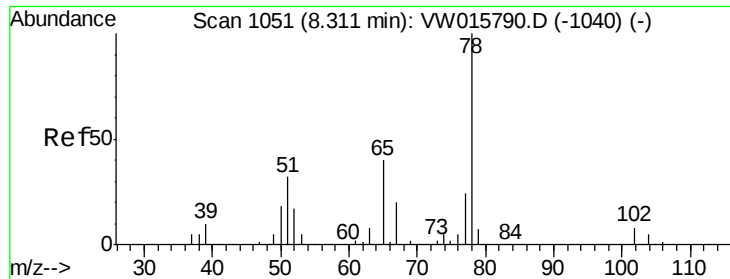
#31
Cyclohexane
Concen: 1.351 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015813.D
Acq: 08 Jul 2020 16:49

Tgt Ion: 56 Resp: 3782
Ion Ratio Lower Upper
56 100
69 162.2 28.9 43.3#
84 117.2 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: 60.388 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW015813.D

Acq: 08 Jul 2020 16:49

Instrument :

MSVOA_W

ClientSampleId :

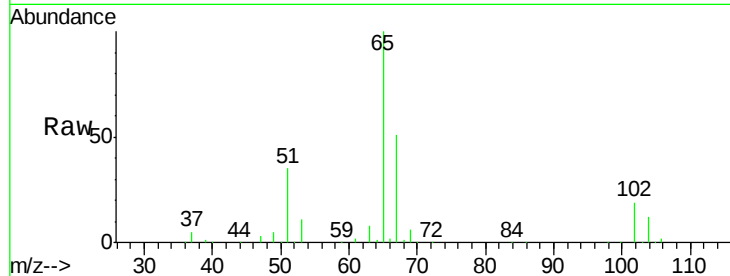
RO-10

Tot Ion: 65 Resp: 97668

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

40000

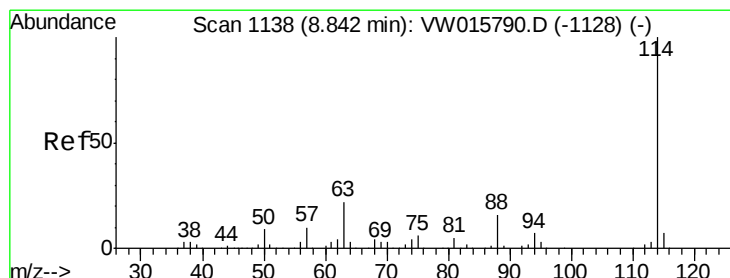
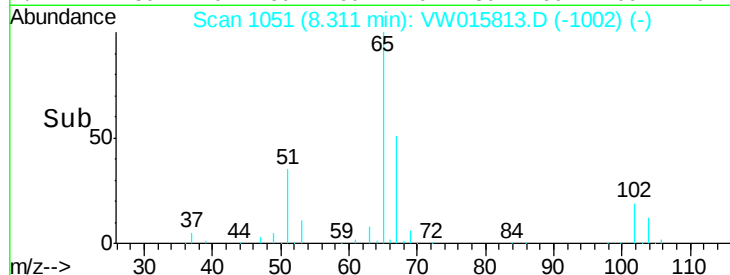
30000

20000

10000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW015813.D

Acq: 08 Jul 2020 16:49

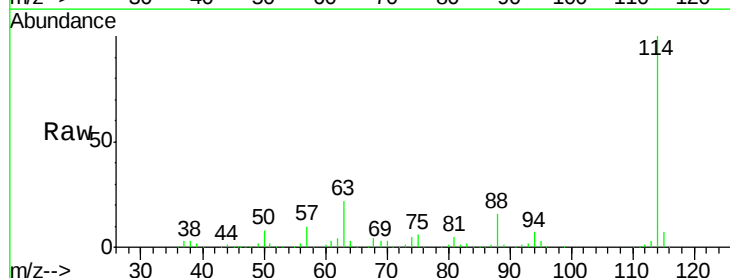
Tgt Ion: 114 Resp: 273659

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.4

88 15.8 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

8.85

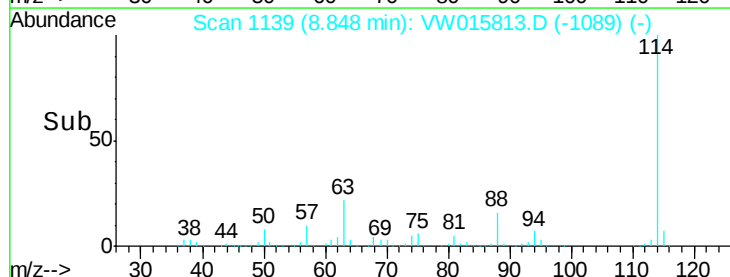
150000

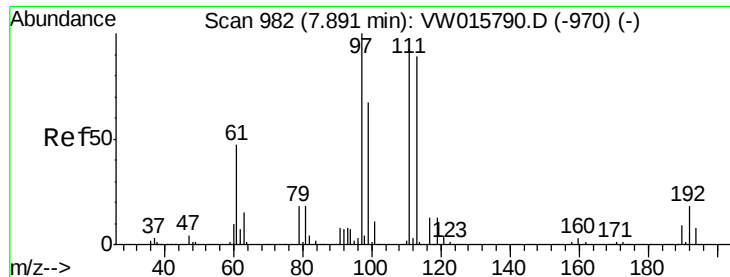
100000

50000

0

Time--> 8.70 8.80 8.90 9.00

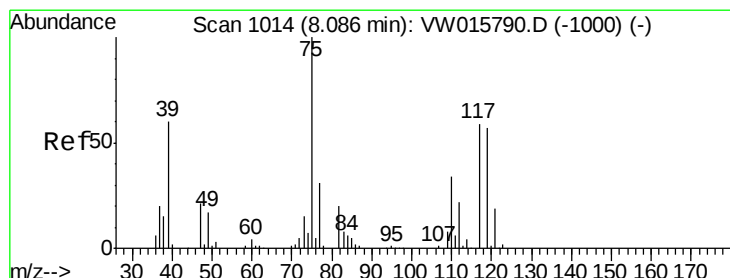
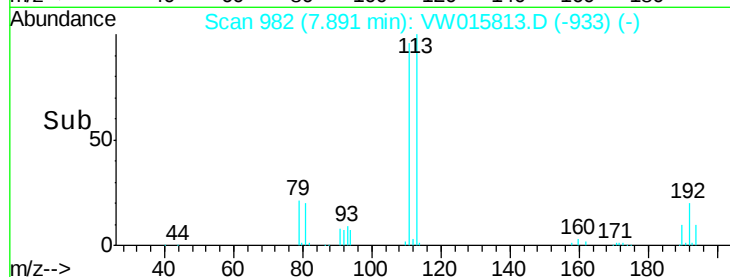
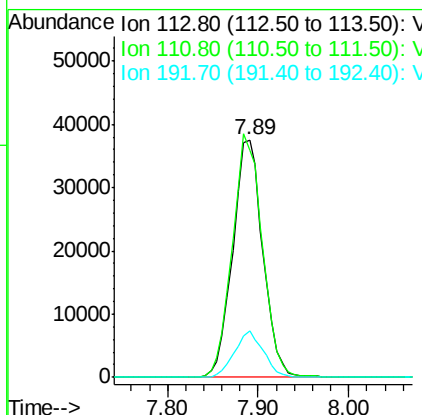
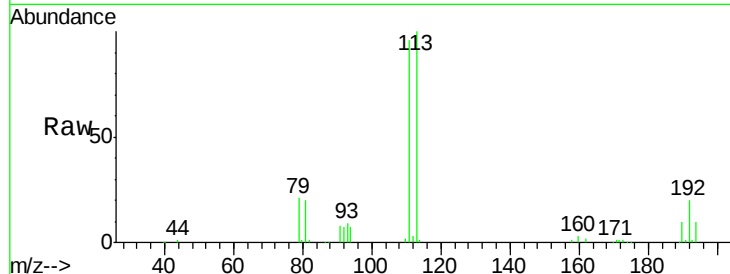




#35
 Dibromofluoromethane
 Concen: 54.241 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW015813.D
 Acq: 08 Jul 2020 16:49

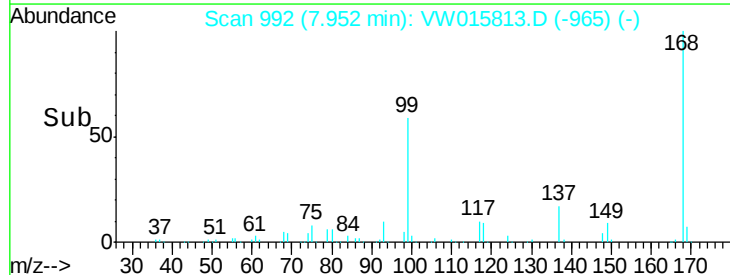
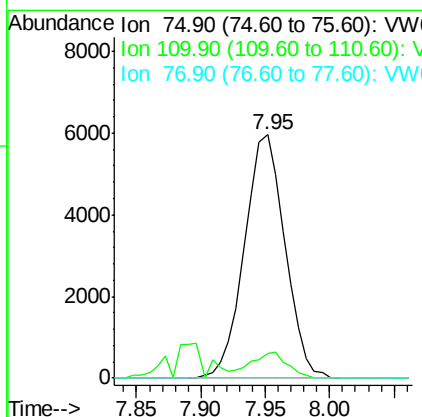
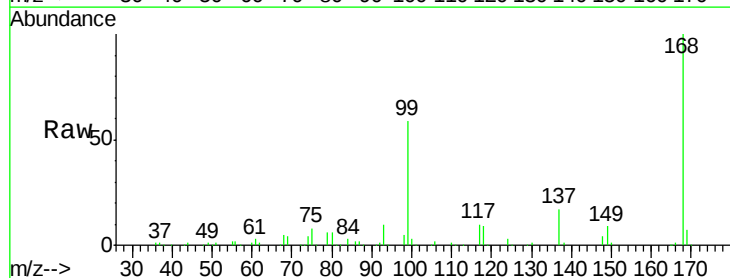
Instrument :
 MSVOA_W
 ClientSampleID :
 RO-10

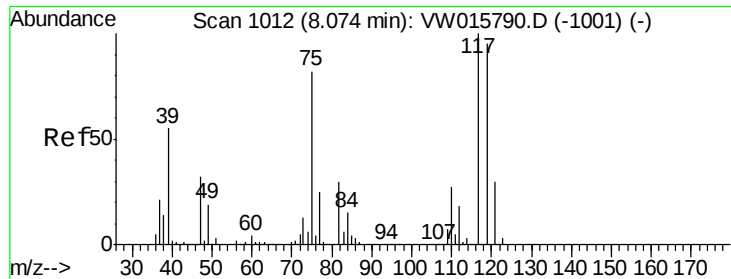
Tot Ion:113 Resp: 86599
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.8 124.2
 192 18.8 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.802 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015813.D
 Acq: 08 Jul 2020 16:49

Tgt Ion: 75 Resp: 12954
 Ion Ratio Lower Upper
 75 100
 110 9.7 16.8 50.3#
 77 0.0 24.7 37.1#

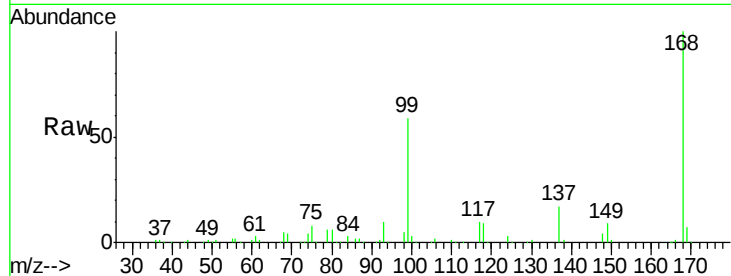




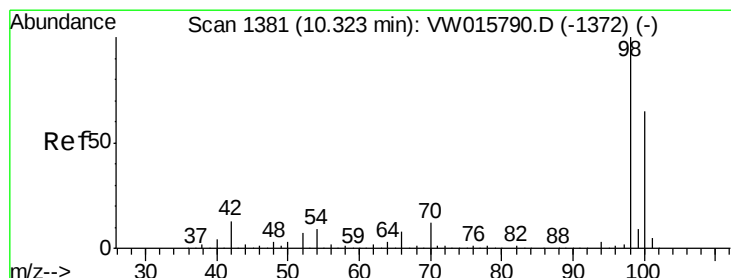
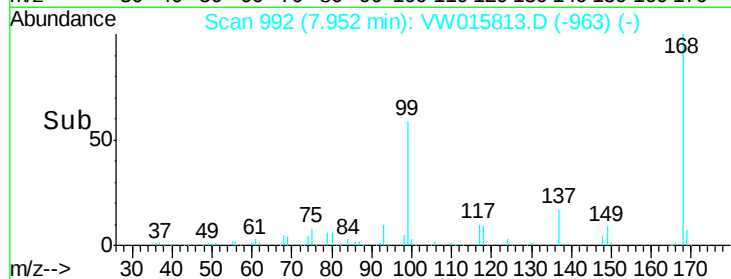
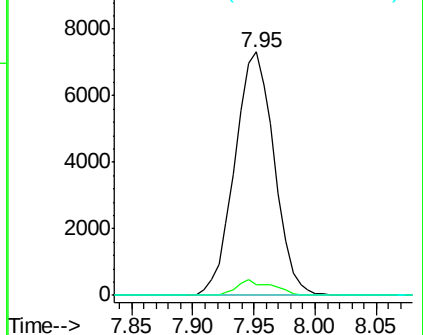
#38
Carbon Tetrachloride
Concen: 6.265 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015813.D
Acq: 08 Jul 2020 16:49

Instrument :
MSVOA_W
ClientSampleId :
RO-10

Tot Ion:117 Resp: 16353
Ion Ratio Lower Upper
117 100
119 4.6 76.3 114.5#
121 0.0 24.0 36.0#

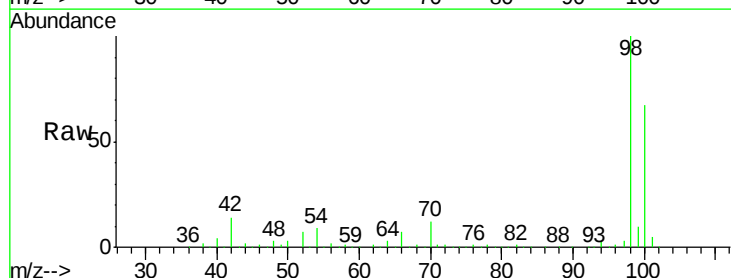


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

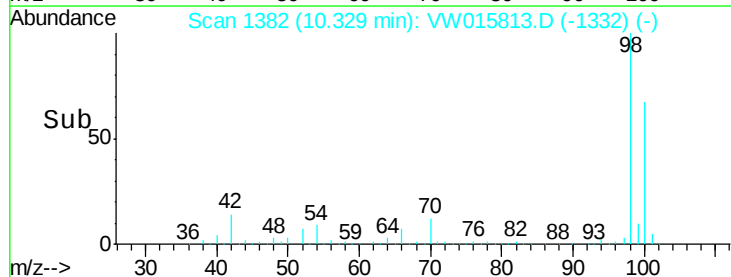
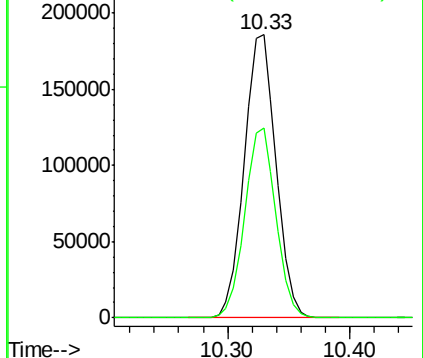


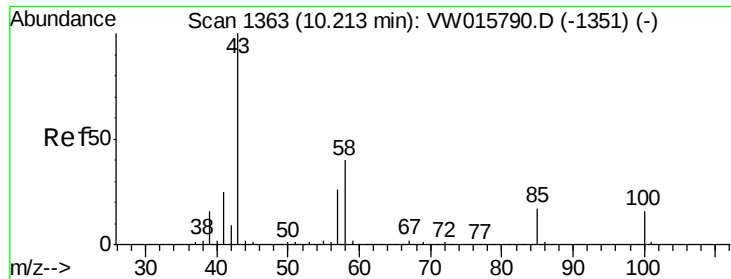
#50
Toluene-d8
Concen: 54.720 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW015813.D
Acq: 08 Jul 2020 16:49

Tgt Ion: 98 Resp: 335583
Ion Ratio Lower Upper
98 100
100 65.7 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: 1.685 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015813.D

Acq: 08 Jul 2020 16:49

Instrument :

MSVOA_W

ClientSampleId :

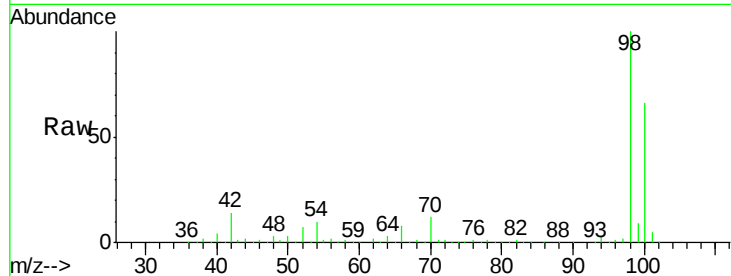
RO-10

Tot Ion: 43 Resp: 1682

Ion Ratio Lower Upper

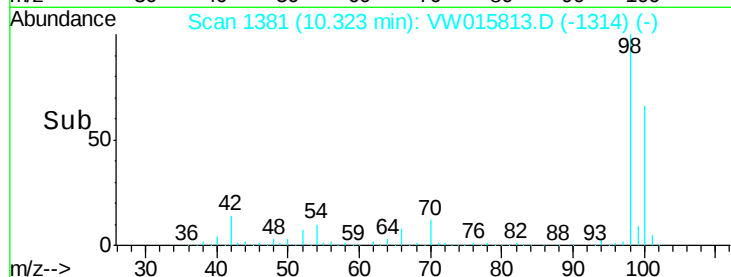
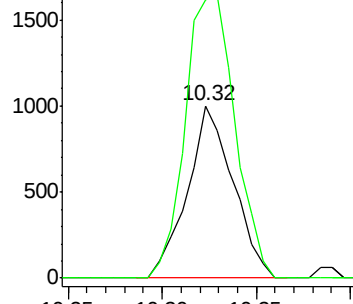
43 100

58 178.2 30.9 46.3#

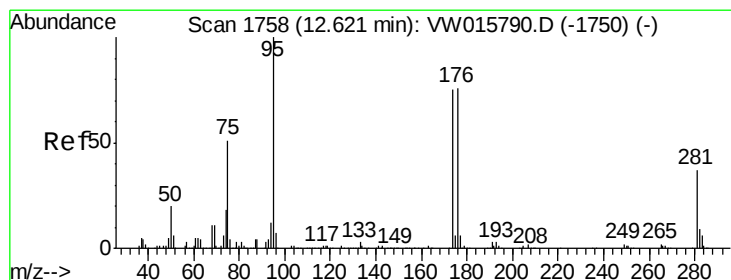


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time--> 10.25 10.30 10.35



#62

4-Bromofluorobenzene

Concen: 50.012 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015813.D

Acq: 08 Jul 2020 16:49

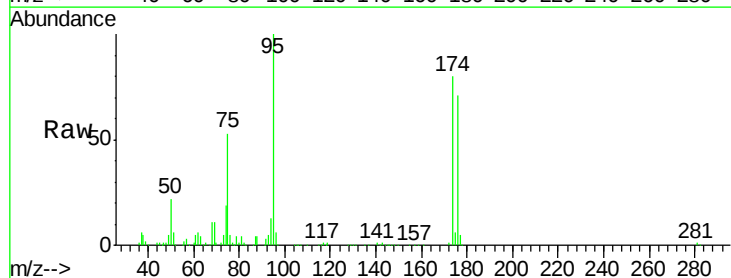
Tgt Ion: 95 Resp: 112545

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.2

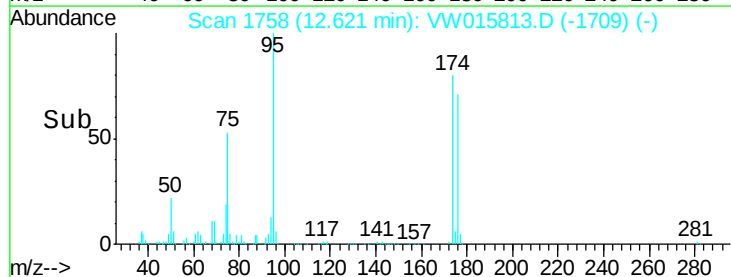
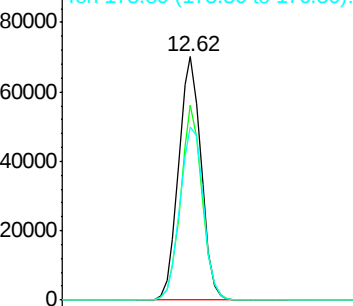
176 73.9 0.0 148.4



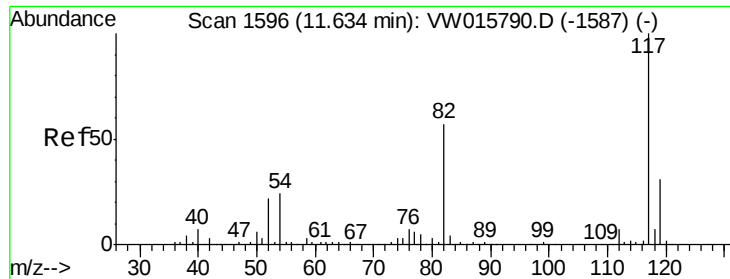
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



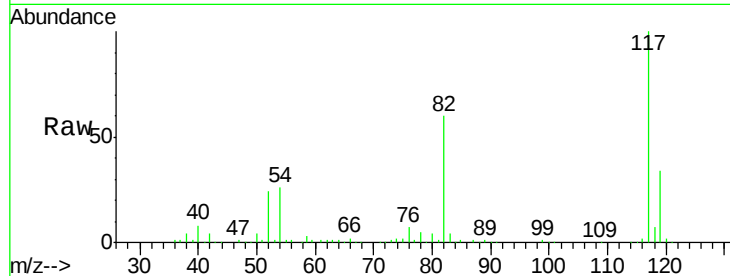
Time--> 12.50 12.60 12.70



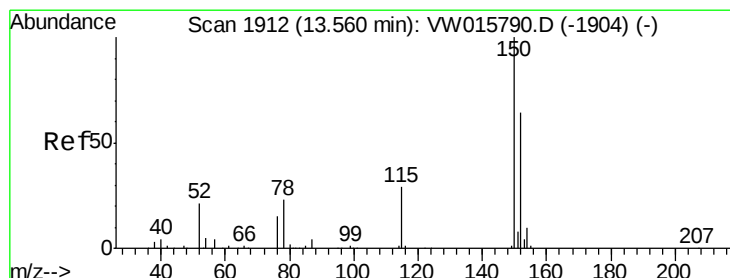
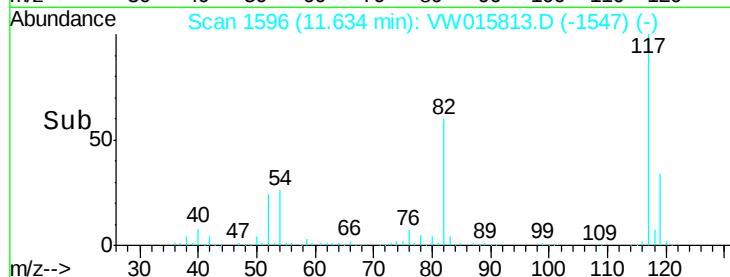
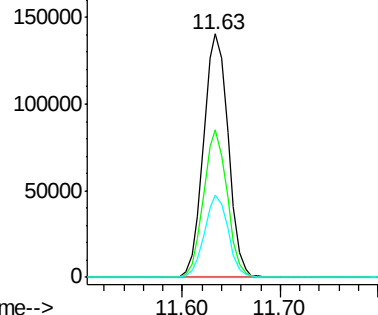
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015813.D
Acq: 08 Jul 2020 16:49

Instrument :
MSVOA_W
ClientSampleId :
RO-10

Tot Ion:117 Resp: 245855
Ion Ratio Lower Upper
117 100
82 60.5 45.5 68.3
119 34.0 25.0 37.6

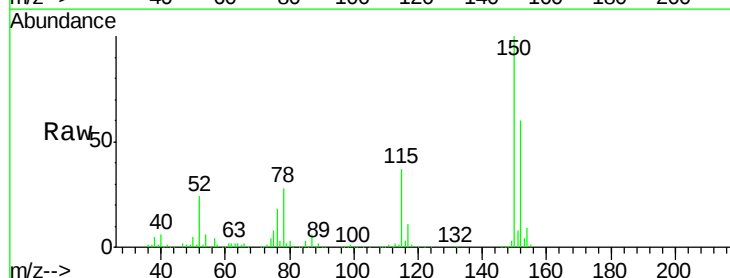


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

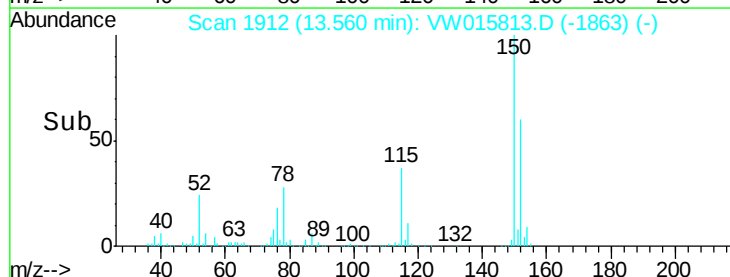
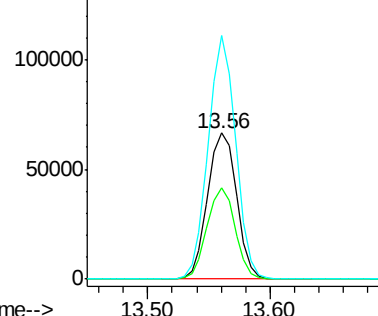


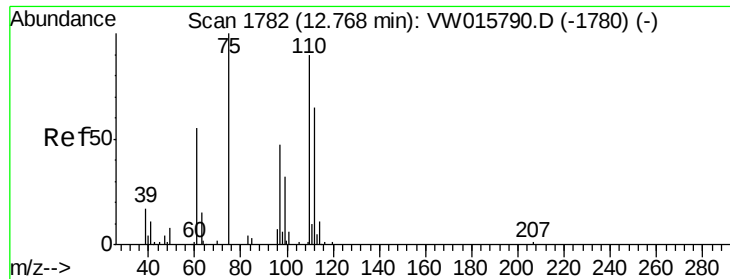
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015813.D
Acq: 08 Jul 2020 16:49

Tgt Ion:152 Resp: 109165
Ion Ratio Lower Upper
152 100
115 60.6 29.9 89.7
150 157.8 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: 63.193 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015813.D

Acq: 08 Jul 2020 16:49

Instrument :

MSVOA_W

ClientSampleId :

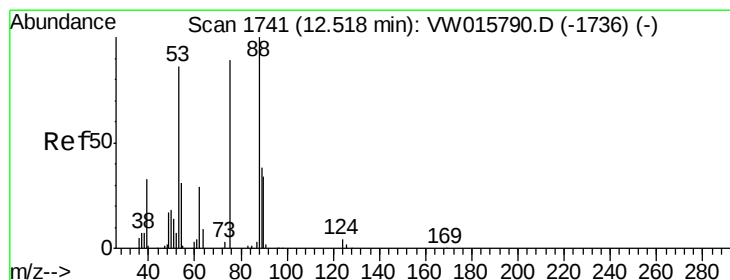
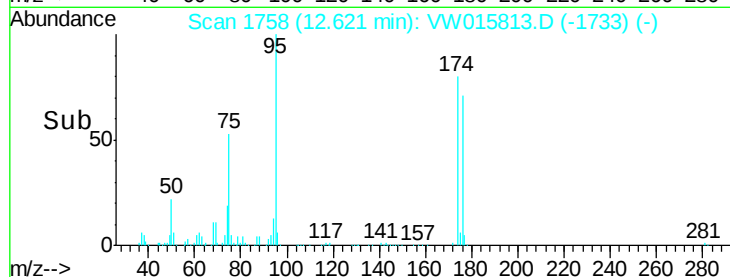
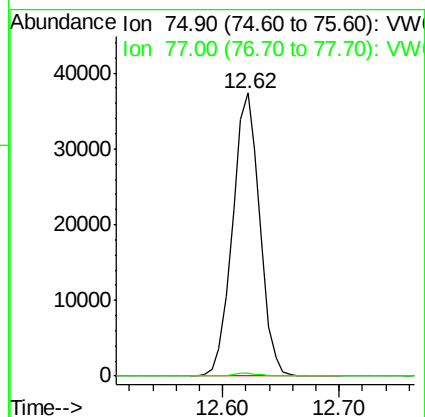
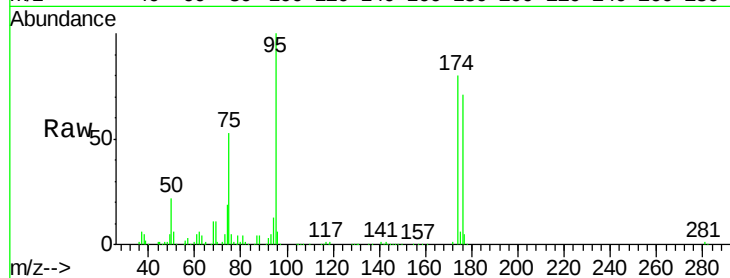
RO-10

Tot Ion: 75 Resp: 60628

Ion Ratio Lower Upper

75 100

77 1.2 177.3 532.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 136.357 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW015813.D

Acq: 08 Jul 2020 16:49

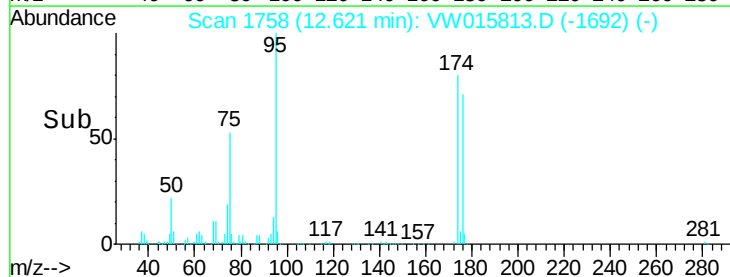
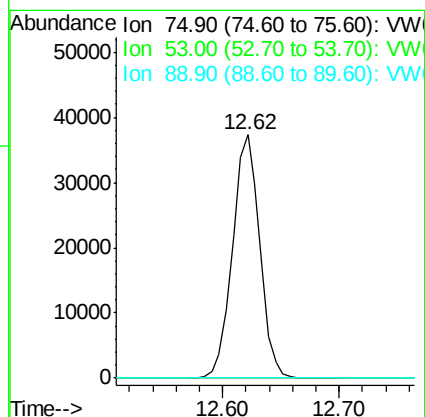
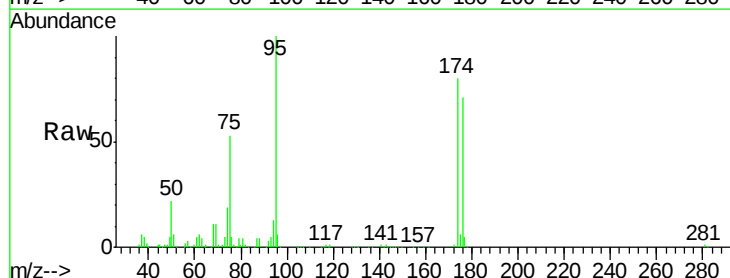
Tgt Ion: 75 Resp: 60628

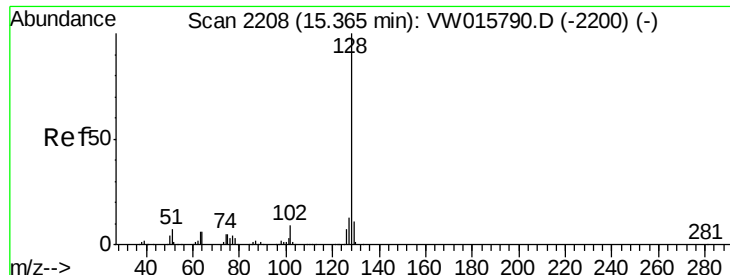
Ion Ratio Lower Upper

75 100

53 0.0 85.9 128.9#

89 0.0 36.2 54.4#





#95

Naphthalene

Concen: 2.857 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW015813.D

Acq: 08 Jul 2020 16:49

Instrument :

MSVOA_W

ClientSampleId :

RO-10

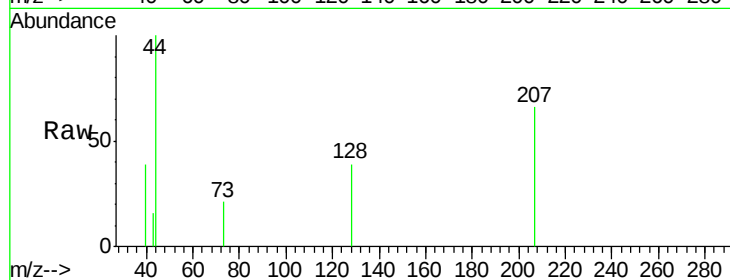
Tot Ion:128 Resp: 175

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

