

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
 Data File : VW016202.D
 Acq On : 14 Aug 2020 19:38
 Operator : SY/VA
 Sample : L3661-01
 Misc : 7.28G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-53

Quant Time: Aug 17 08:13:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	428329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	378634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151524	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	129091	56.76	ug/l	0.00
Spiked Amount			Recovery	=	113.52%	
35) Dibromofluoromethane	7.88	113	135894	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	
50) Toluene-d8	10.32	98	516873	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.62	95	167157	45.71	ug/l	0.00
Spiked Amount			Recovery	=	91.42%	

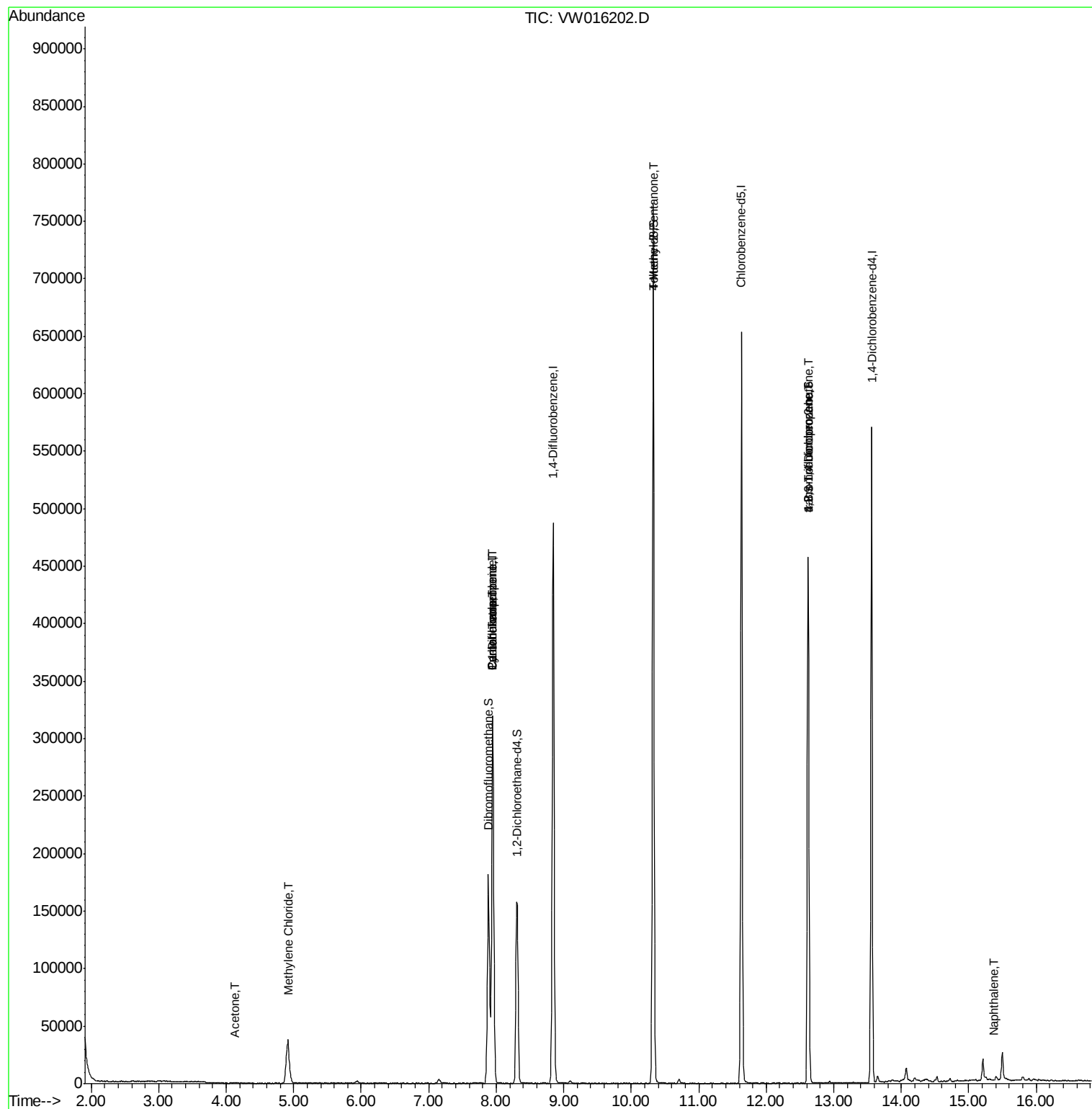
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	1026	2.355	ug/l #	85
20) Methylene Chloride	4.92	84	31890	7.591	ug/l	97
31) Cyclohexane	7.95	56	4644	1.119	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18383	4.357	ug/l #	49
38) Carbon Tetrachloride	7.95	117	24643	5.852	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1908	1.386	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	81354	58.380	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	81354	140.032	ug/l #	12
95) Naphthalene	15.36	128	396	3.643	ug/l #	78

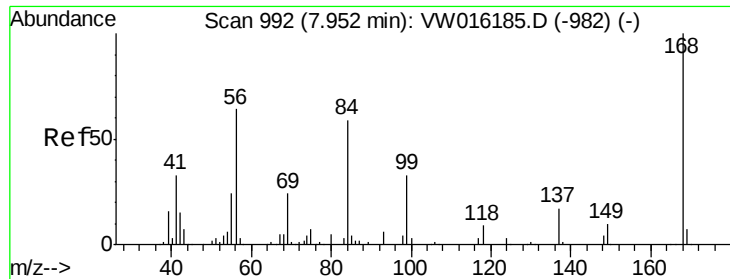
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016202.D

Acq: 14 Aug 2020 19:38

Instrument :

MSVOA_W

ClientSampled :

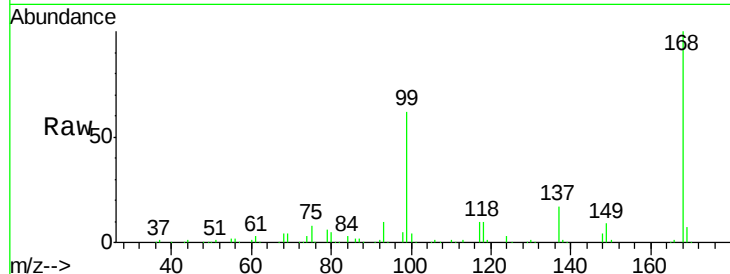
RBR-53

Tgt Ion: 168 Resp: 233233

Ion Ratio Lower Upper

168 100

99 62.4 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

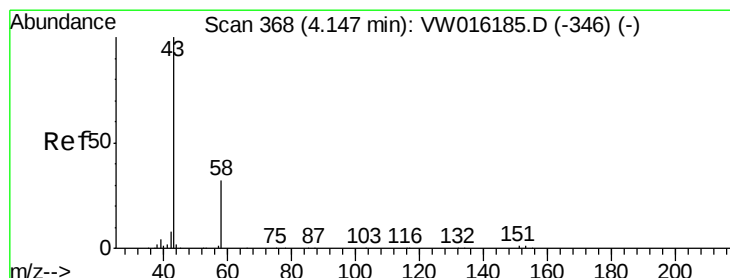
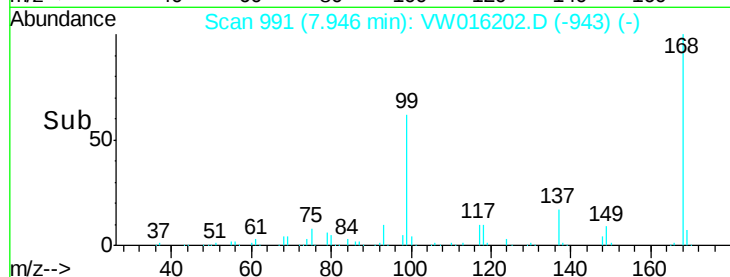
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.355 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016202.D

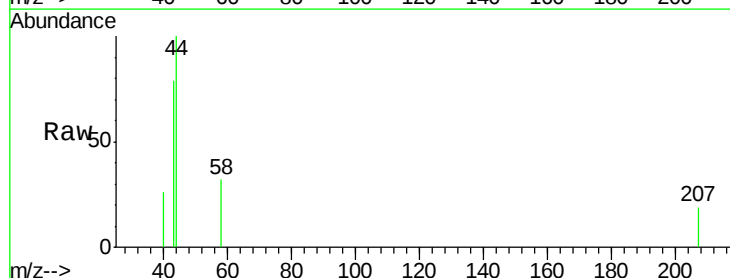
Acq: 14 Aug 2020 19:38

Tgt Ion: 43 Resp: 1026

Ion Ratio Lower Upper

43 100

58 40.5 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

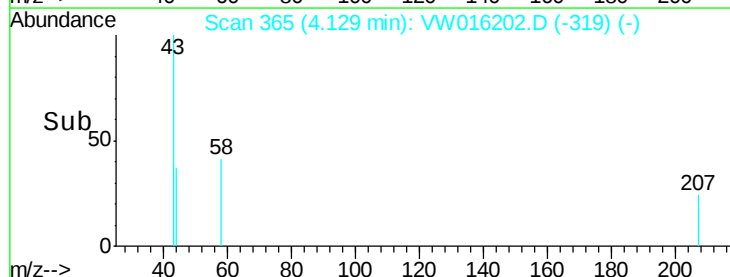
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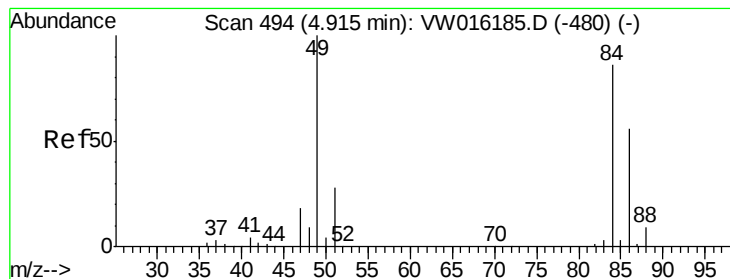
200

100

0

Time-->





#20

Methylene Chloride

Concen: 7.591 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016202.D

Acq: 14 Aug 2020 19:38

Instrument :

MSVOA_W

ClientSampleId :

RBR-53

Tgt Ion: 84 Resp: 31890

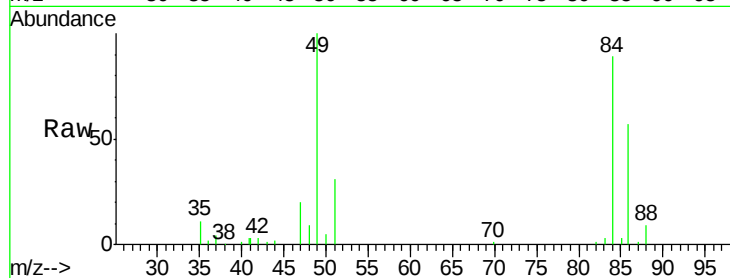
Ion Ratio Lower Upper

84 100

49 111.9 93.4 140.2

51 34.2 26.6 40.0

86 63.9 52.2 78.2

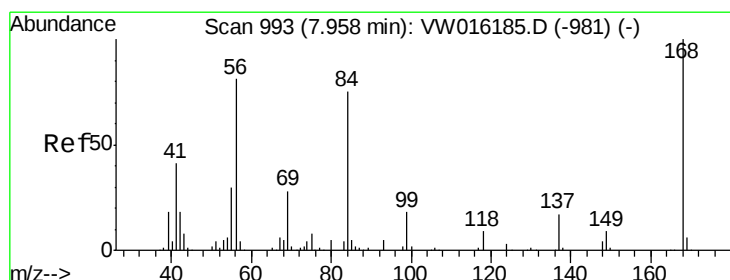
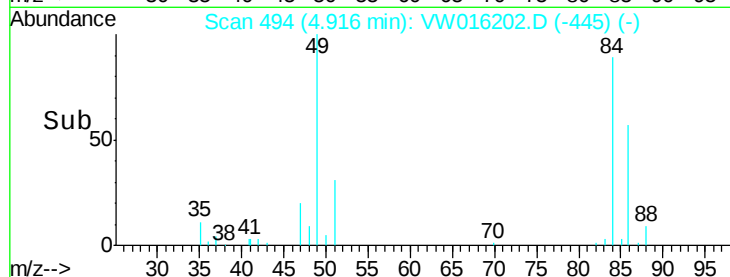
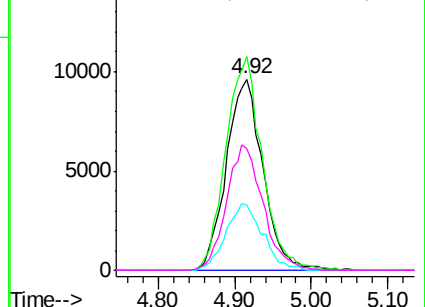


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.119 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016202.D

Acq: 14 Aug 2020 19:38

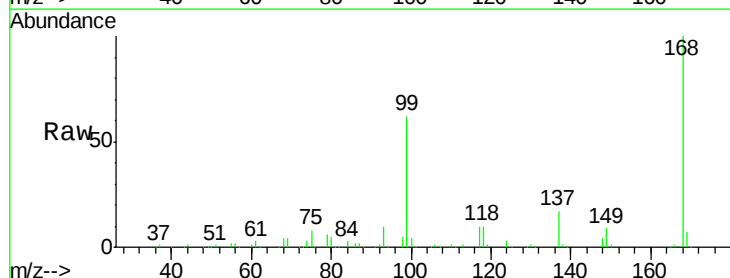
Tgt Ion: 56 Resp: 4644

Ion Ratio Lower Upper

56 100

69 181.4 27.3 40.9#

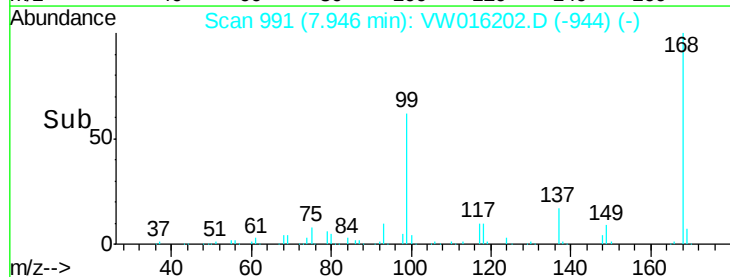
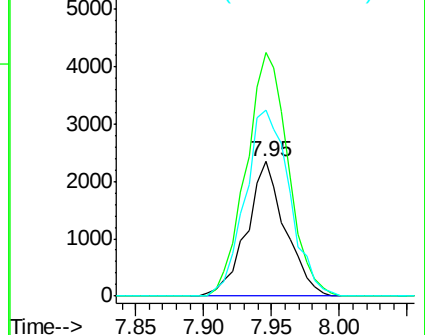
84 138.6 73.5 110.3#

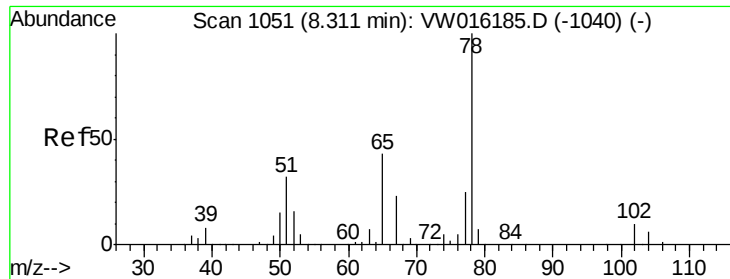


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

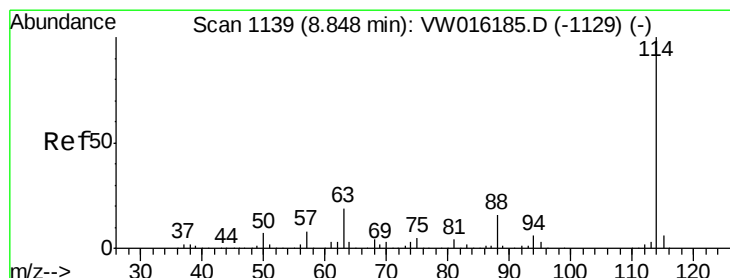
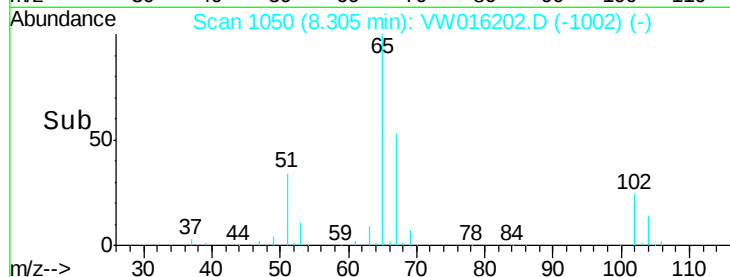
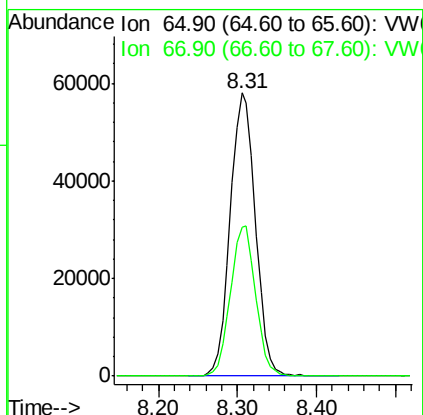
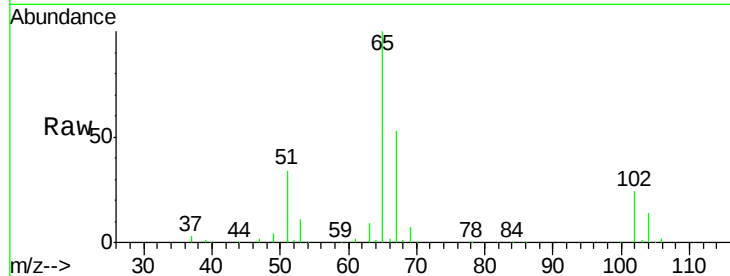




#33
 1,2-Dichloroethane-d4
 Concen: 56.756 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016202.D
 Acq: 14 Aug 2020 19:38

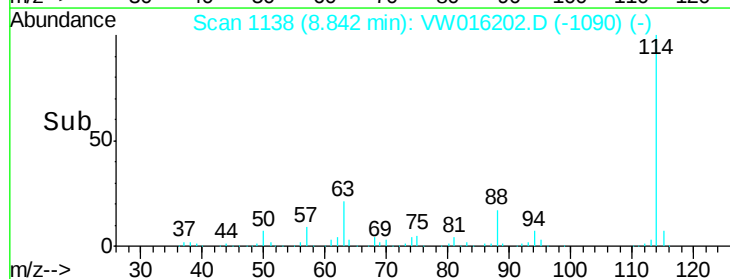
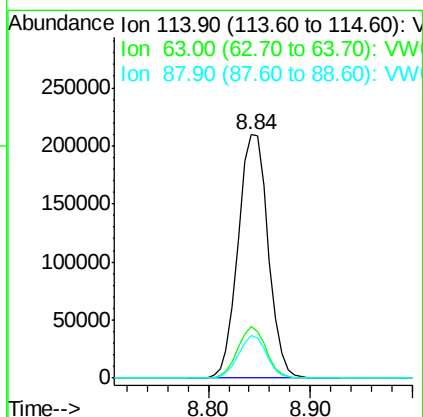
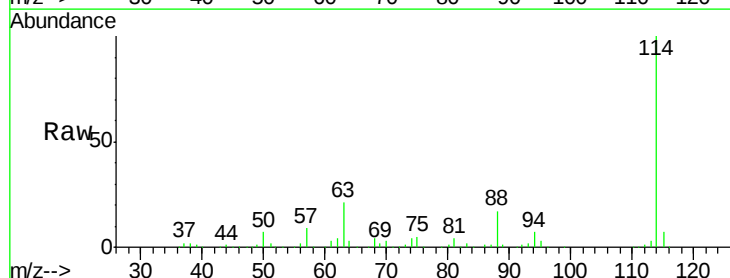
Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-53

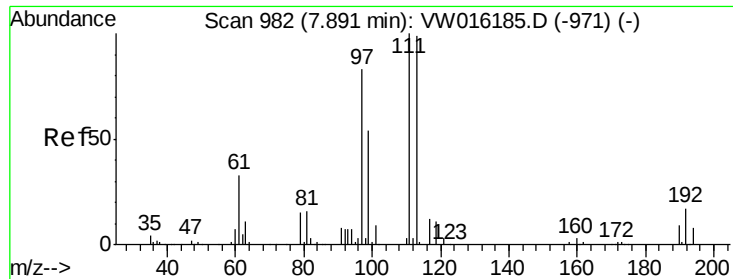
Tgt Ion: 65 Resp: 129091
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016202.D
 Acq: 14 Aug 2020 19:38

Tgt Ion: 114 Resp: 428329
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 38.4
 88 17.3 0.0 32.8

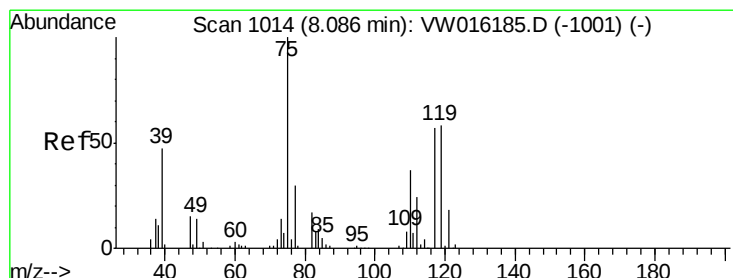
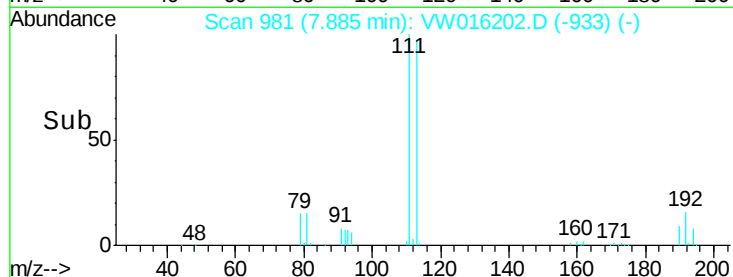
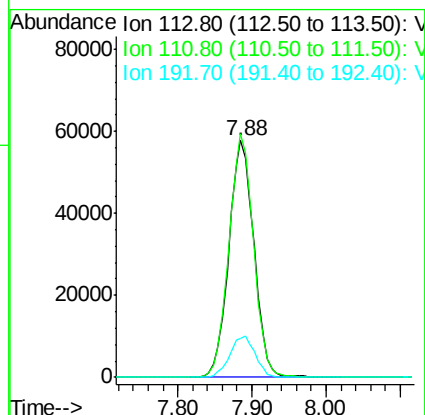
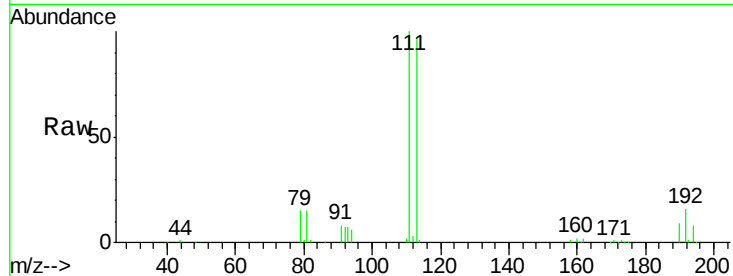




#35
 Dibromofluoromethane
 Concen: 51.420 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016202.D
 Acq: 14 Aug 2020 19:38

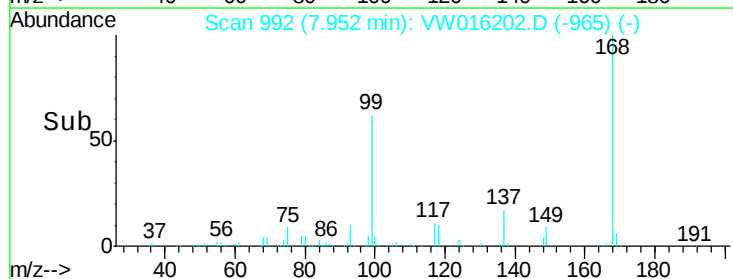
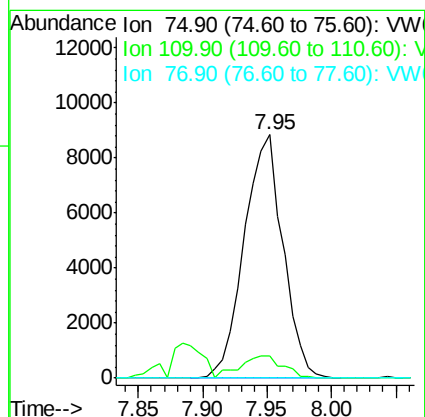
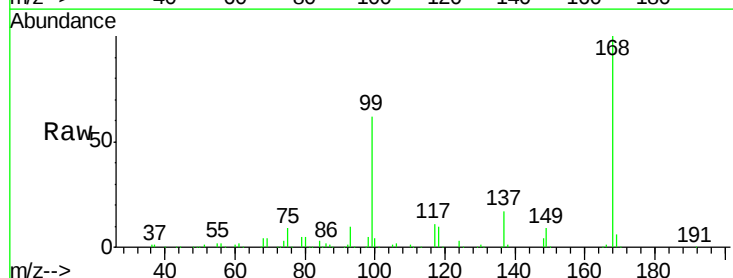
Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-53

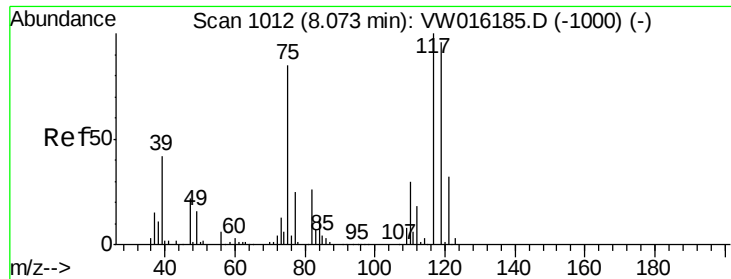
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.5	125.3
192	17.7	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 4.357 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW016202.D
 Acq: 14 Aug 2020 19:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.3#
77	0.0	24.7	37.1#

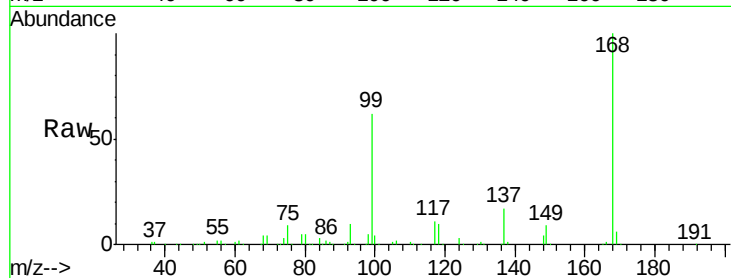




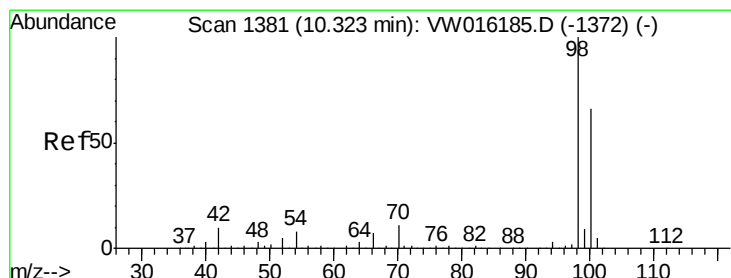
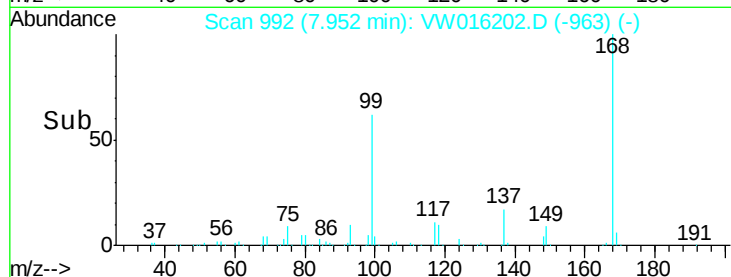
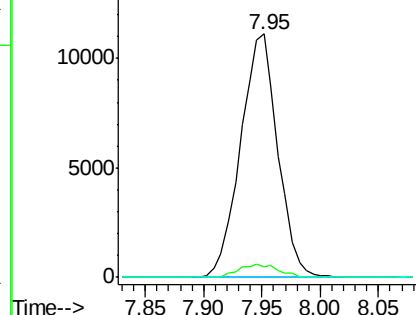
#38
Carbon Tetrachloride
Concen: 5.852 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW016202.D
Acq: 14 Aug 2020 19:38

Instrument :
MSVOA_W
ClientSampleId :
RBR-53

Tgt Ion:117 Resp: 24643
Ion Ratio Lower Upper
117 100
119 4.5 76.6 115.0#
121 0.0 25.4 38.0#

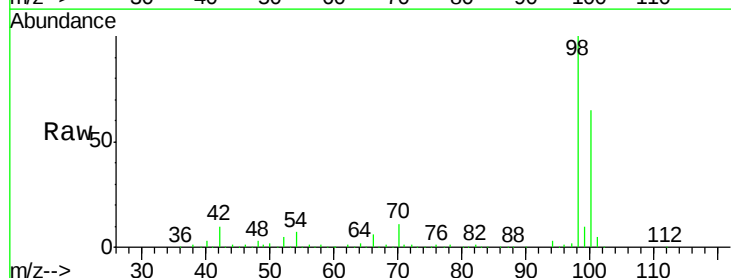


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

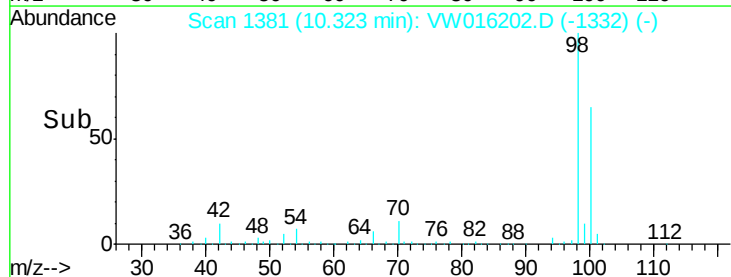
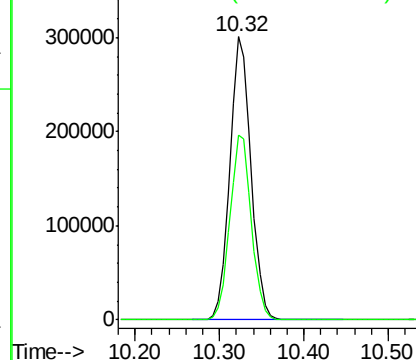


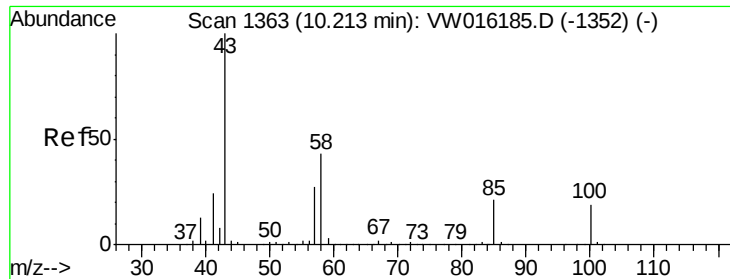
#50
Toluene-d8
Concen: 50.526 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016202.D
Acq: 14 Aug 2020 19:38

Tgt Ion: 98 Resp: 516873
Ion Ratio Lower Upper
98 100
100 66.3 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

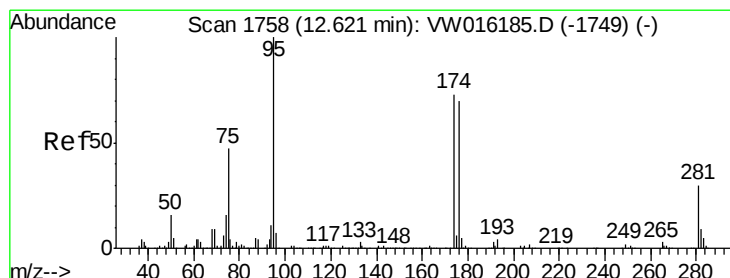
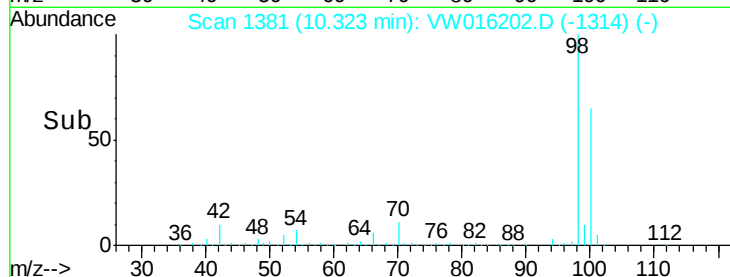
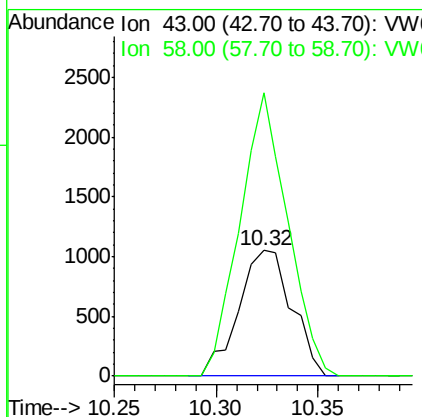
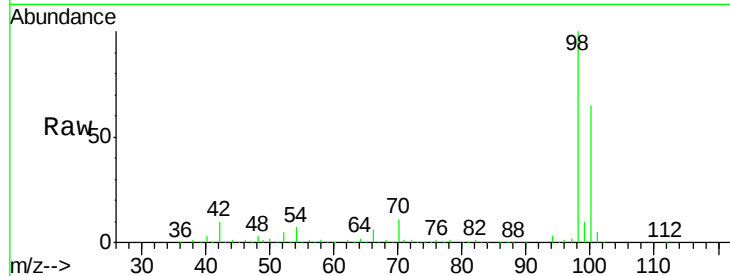




#51
 4-Methyl-2-Pentanone
 Concen: 1.386 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.11 min
 Lab File: VW016202.D
 Acq: 14 Aug 2020 19:38

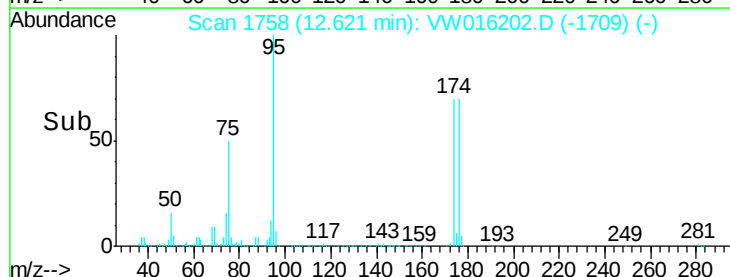
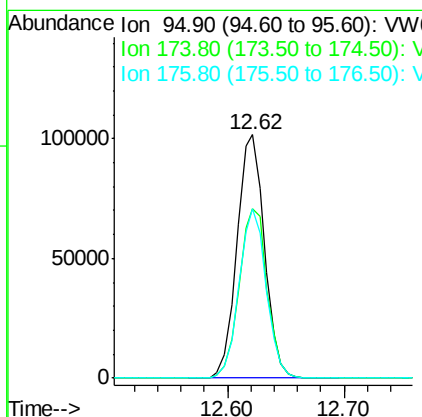
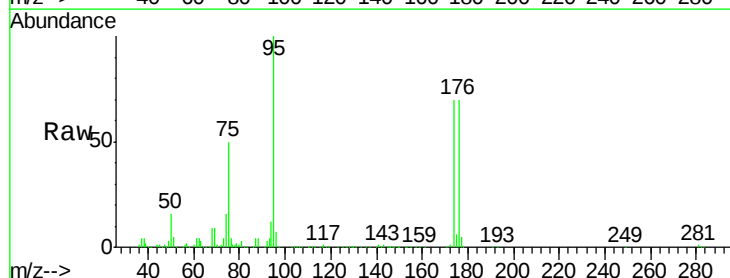
Instrument :
 MSVOA_W
 ClientSampled :
 RBR-53

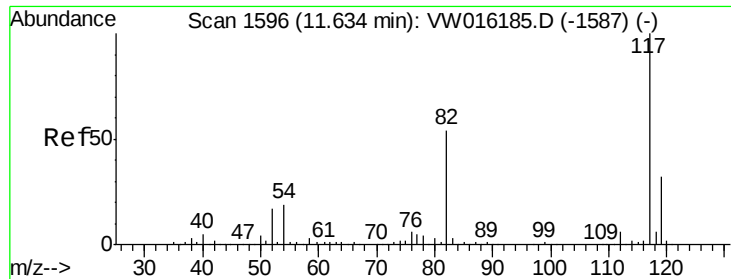
Tgt Ion: 43 Resp: 1908
 Ion Ratio Lower Upper
 43 100
 58 202.5 33.7 50.5#



#62
 4-Bromofluorobenzene
 Concen: 45.712 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016202.D
 Acq: 14 Aug 2020 19:38

Tgt Ion: 95 Resp: 167157
 Ion Ratio Lower Upper
 95 100
 174 71.1 0.0 145.6
 176 68.7 0.0 137.8

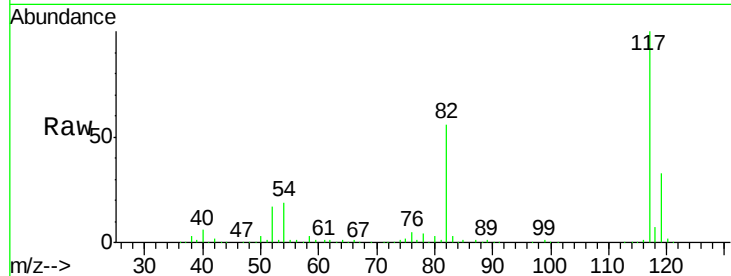




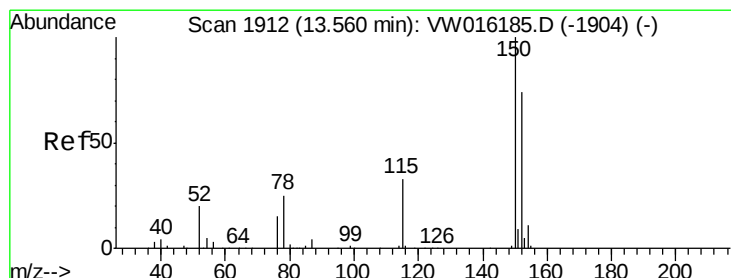
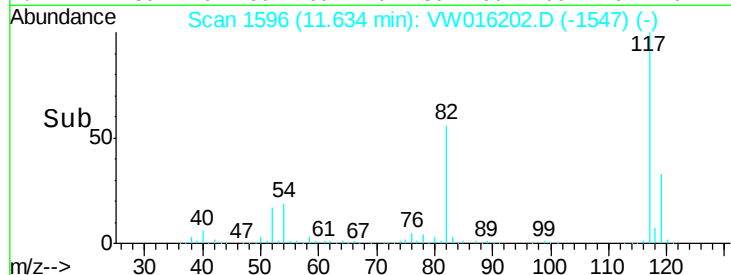
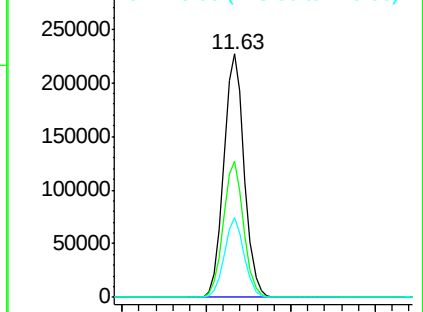
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016202.D
Acq: 14 Aug 2020 19:38

Instrument :
MSVOA_W
ClientSampleId :
RBR-53

Tgt Ion:117 Resp: 378634
Ion Ratio Lower Upper
117 100
82 56.0 43.6 65.4
119 32.7 25.4 38.0

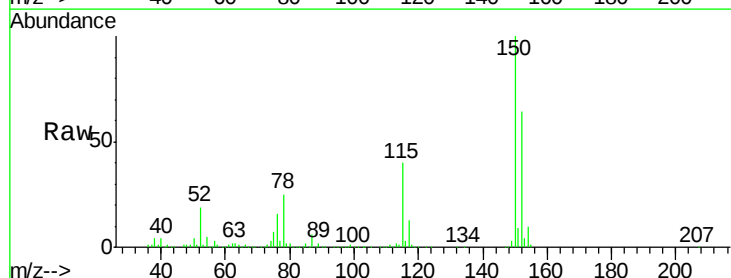


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

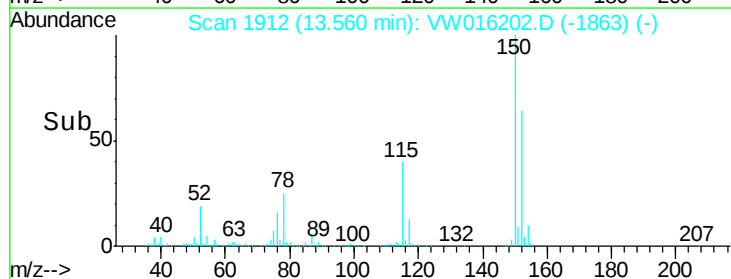
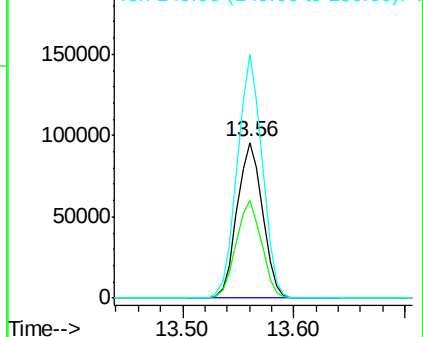


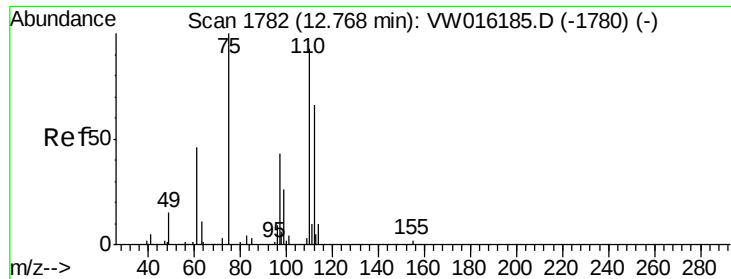
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016202.D
Acq: 14 Aug 2020 19:38

Tgt Ion:152 Resp: 151524
Ion Ratio Lower Upper
152 100
115 62.9 30.9 92.5
150 153.6 0.0 337.8



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: 58.380 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW016202.D

Acq: 14 Aug 2020 19:38

Instrument :

MSVOA_W

ClientSampled :

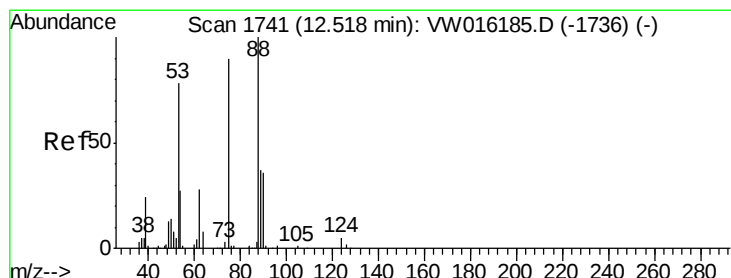
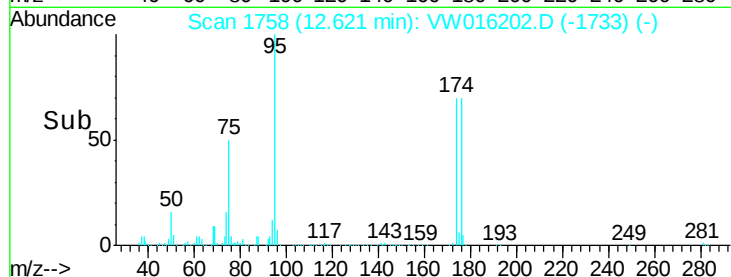
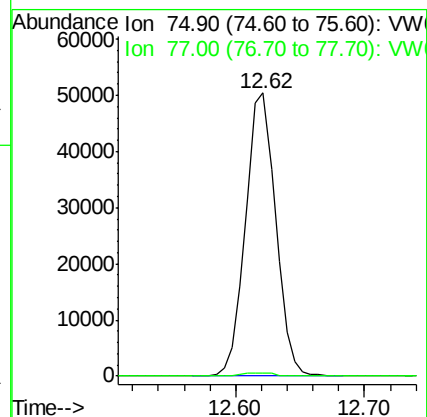
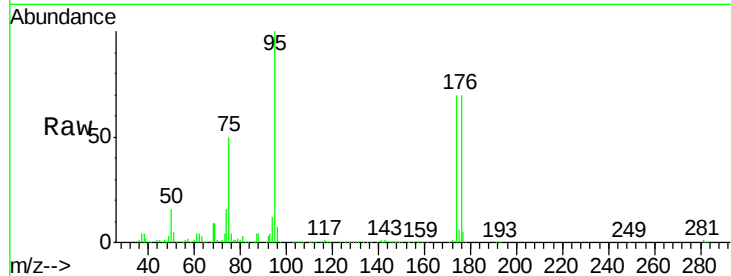
RBR-53

Tgt Ion: 75 Resp: 81354

Ion Ratio Lower Upper

75 100

77 1.2 173.6 520.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 140.032 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW016202.D

Acq: 14 Aug 2020 19:38

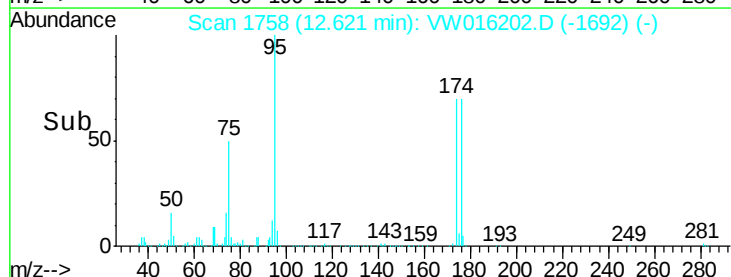
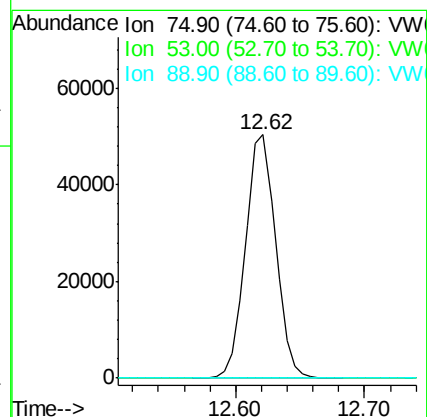
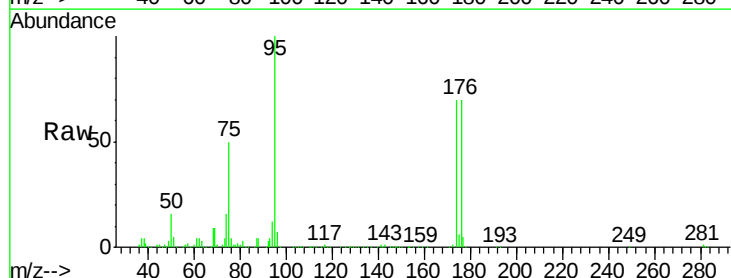
Tgt Ion: 75 Resp: 81354

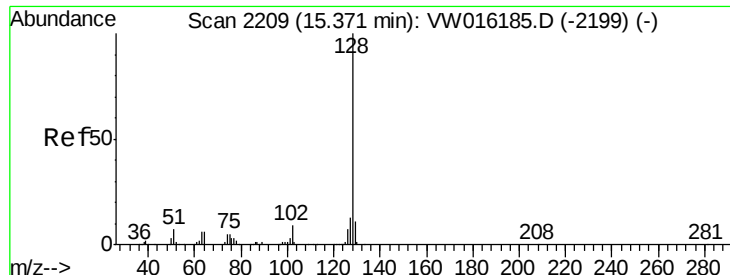
Ion Ratio Lower Upper

75 100

53 0.0 74.6 111.8#

89 0.1 37.2 55.8#

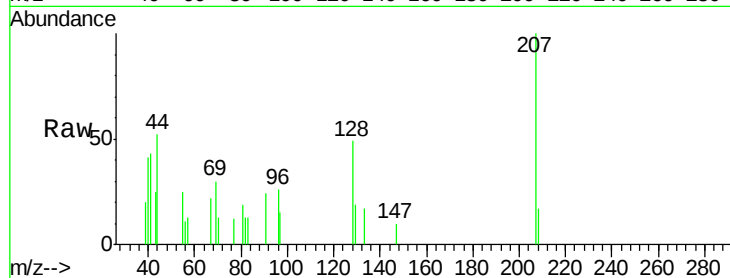




#95
Naphthalene
Concen: 3.643 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016202.D
Acq: 14 Aug 2020 19:38

Instrument :
MSVOA_W
ClientSampleId :
RBR-53

Tgt Ion:128 Resp: 396
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 14.9 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

