

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016193.D
 Acq On : 14 Aug 2020 15:40
 Operator : SY/VA
 Sample : L3662-05
 Misc : 7.36G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-59

Quant Time: Aug 17 08:47:26 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

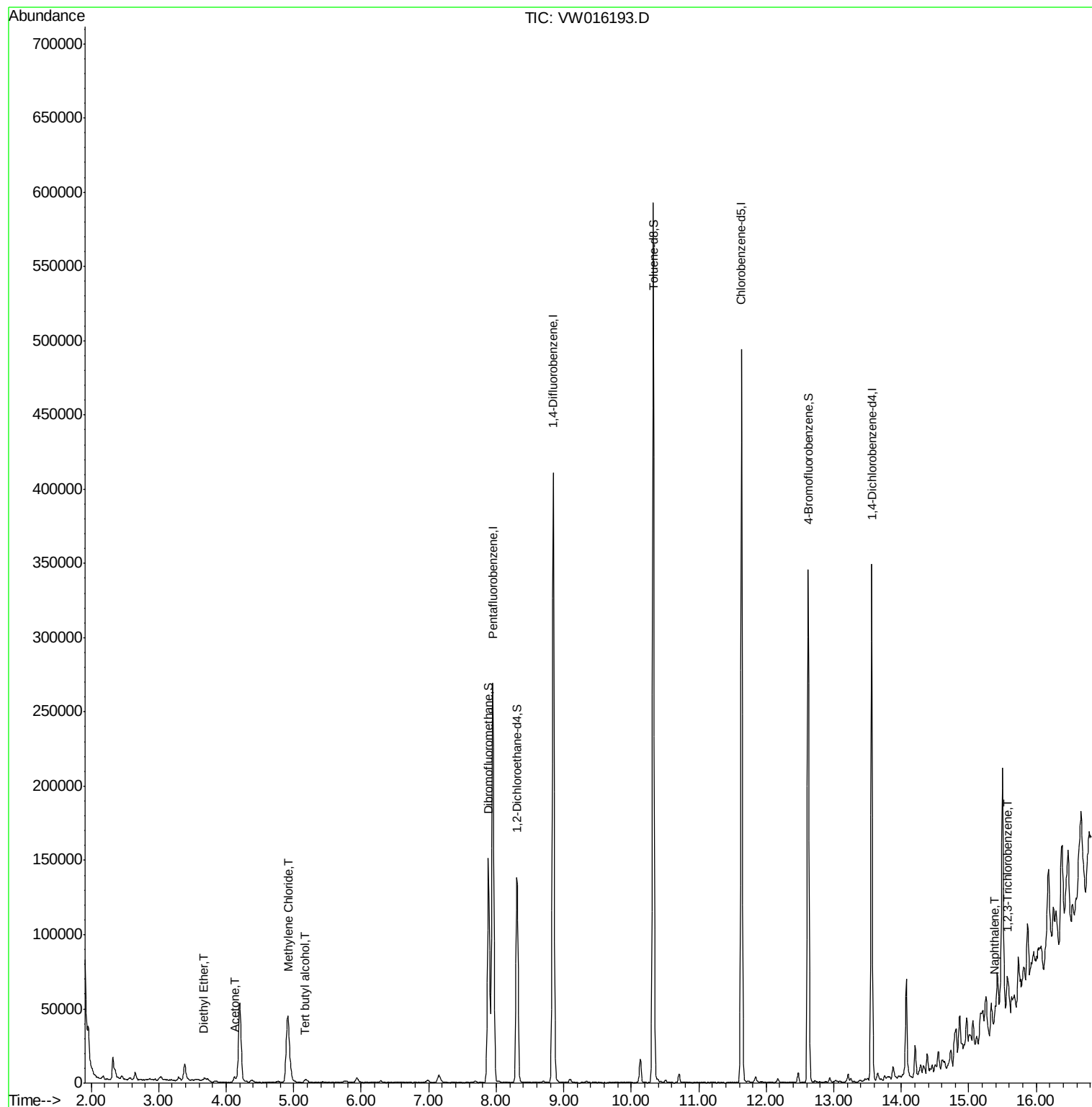
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	199094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	355948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	90700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109340	56.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.64%	
35) Dibromofluoromethane	7.88	113	112137	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	10.32	98	406940	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.62	95	116846	38.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.90%	
Target Compounds						
8) Diethyl Ether	3.67	74	1107	1.080	ug/l	65
11) Tert butyl alcohol	5.17	59	3818	36.949	ug/l #	70
16) Acetone	4.12	43	7277	19.565	ug/l	92
20) Methylene Chloride	4.91	84	39343	13.412	ug/l	94
95) Naphthalene	15.37	128	4438	4.812	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.58	180	2347	1.717	ug/l #	12

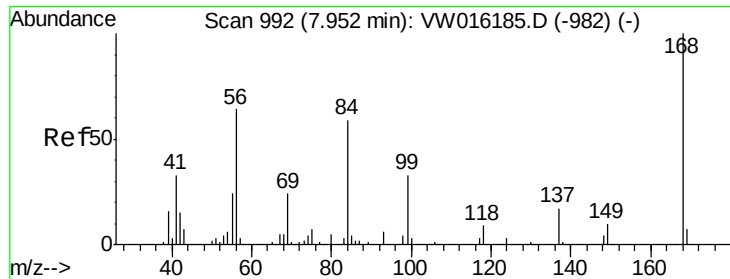
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081420\
Data File : VW016193.D
Acq On : 14 Aug 2020 15:40
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Misc : 7.36G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Aug 17 08:47:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 17 08:01:41 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: VW016193.D

Acq: 14 Aug 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

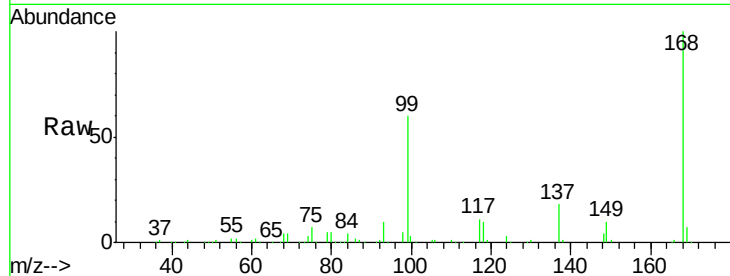
RBR-59

Tot Ion:168 Resp: 199094

Ion Ratio Lower Upper

168 100

99 59.6 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

100000

80000

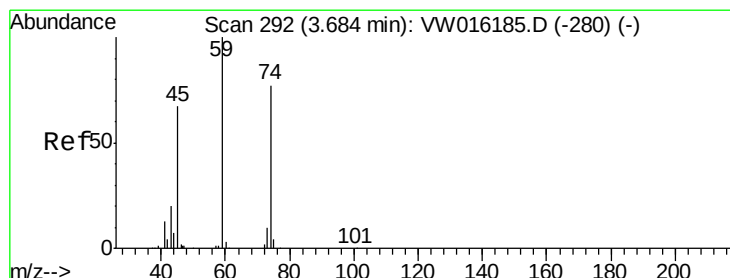
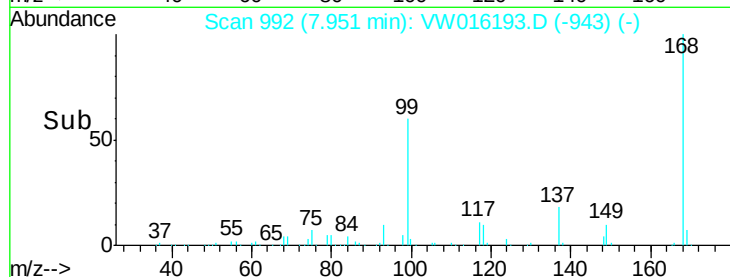
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.080 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW016193.D

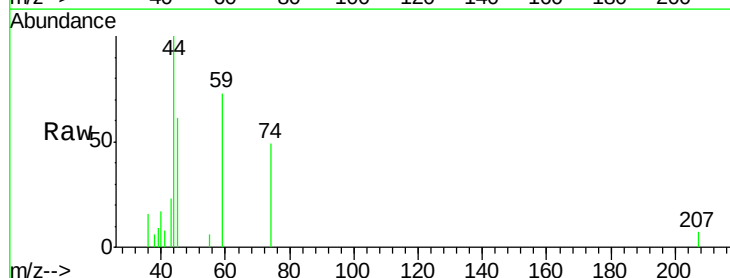
Acq: 14 Aug 2020 15:40

Tgt Ion: 74 Resp: 1107

Ion Ratio Lower Upper

74 100

45 124.9 45.9 137.7



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

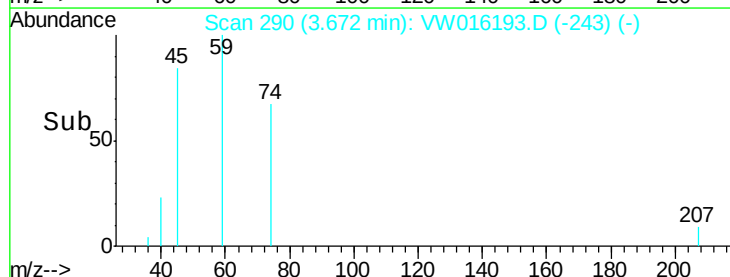
600

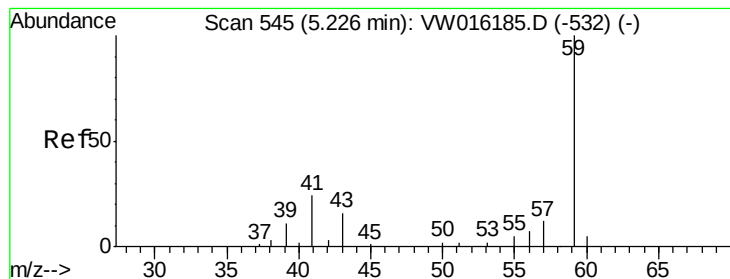
400

200

0

Time--> 3.60 3.65 3.70 3.75



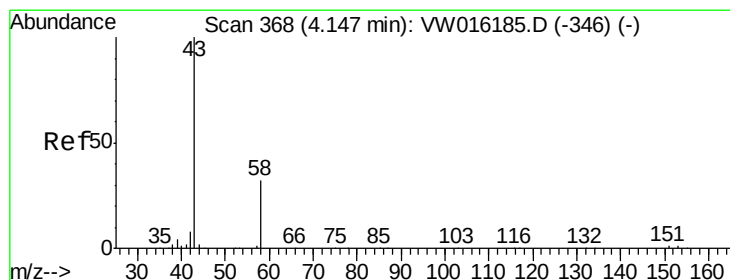
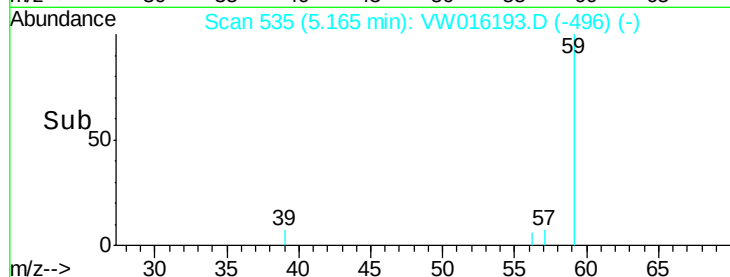
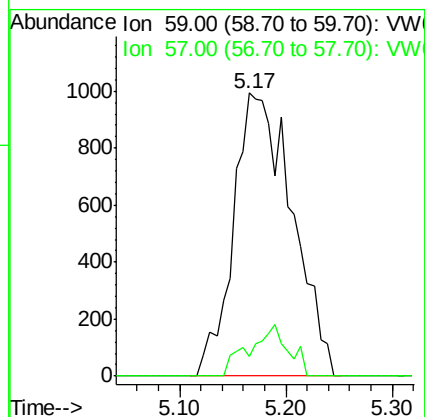
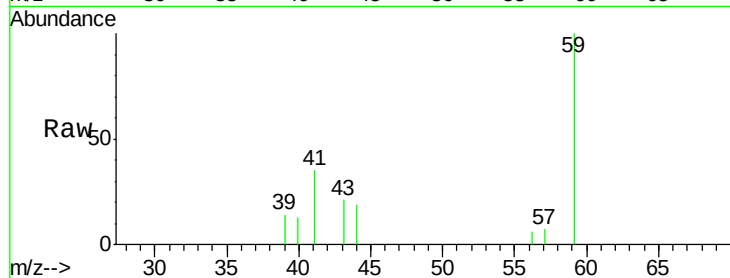


#11

Tert butyl alcohol
 Concen: 36.949 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.06 min
 Lab File: VW016193.D
 Acq: 14 Aug 2020 15:40

Instrument :
 MSVOA_W
 ClientSampled :
 RBR-59

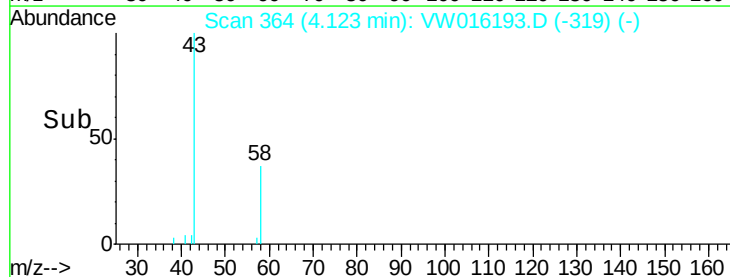
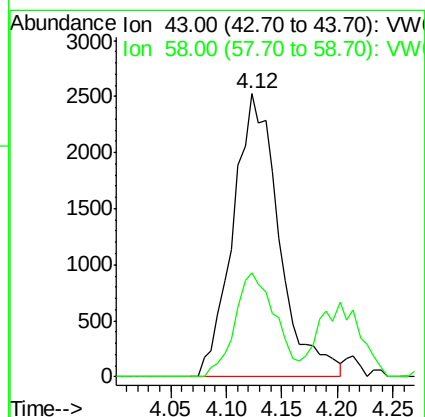
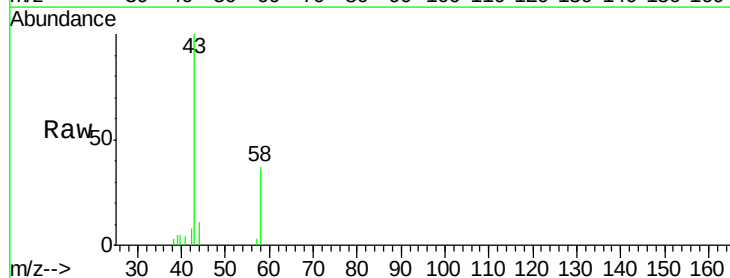
Tot Ion: 59 Resp: 3818
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

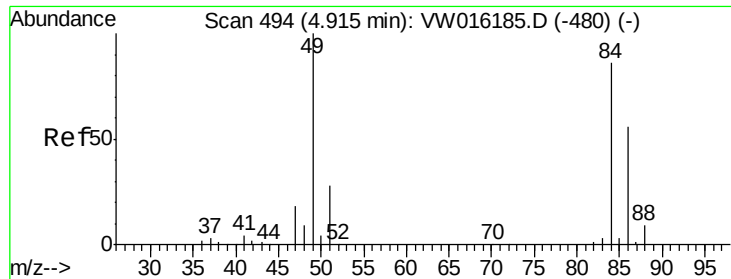


#16

Acetone
 Concen: 19.565 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.02 min
 Lab File: VW016193.D
 Acq: 14 Aug 2020 15:40

Tgt Ion: 43 Resp: 7277
 Ion Ratio Lower Upper
 43 100
 58 36.9 25.8 38.6

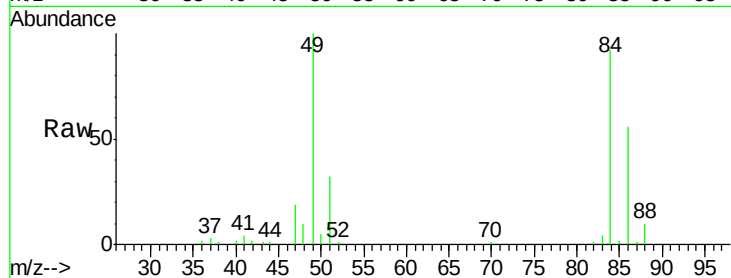




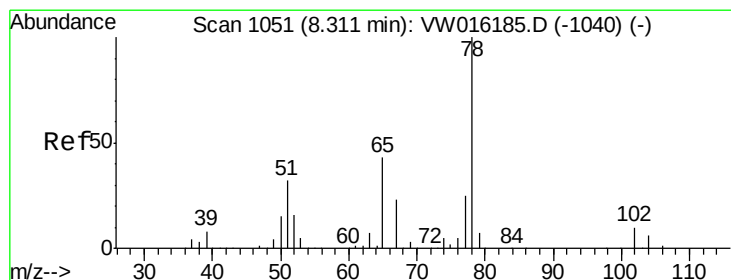
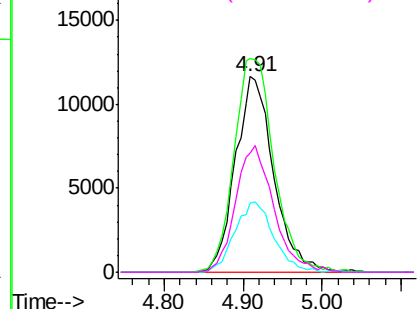
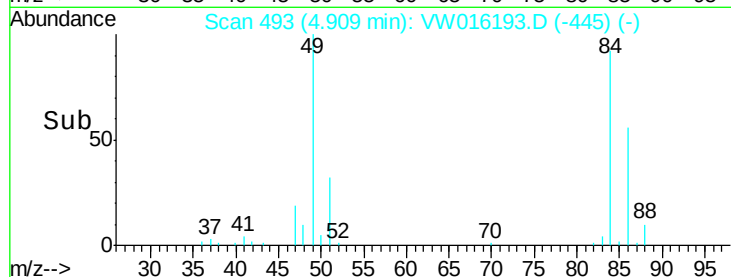
#20
Methylene Chloride
Concen: 13.412 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016193.D
Acq: 14 Aug 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
RBR-59

Tot Ion: 84 Resp: 39343
Ion Ratio Lower Upper
84 100
49 109.2 93.4 140.2
51 35.1 26.6 40.0
86 60.6 52.2 78.2

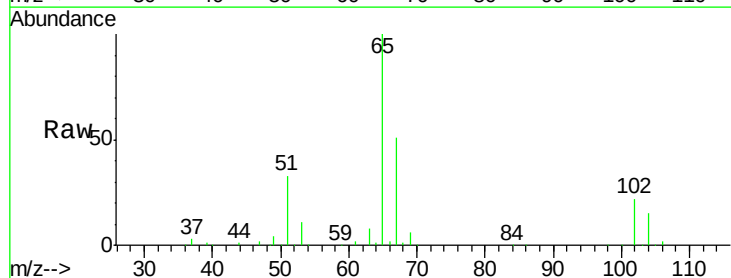


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

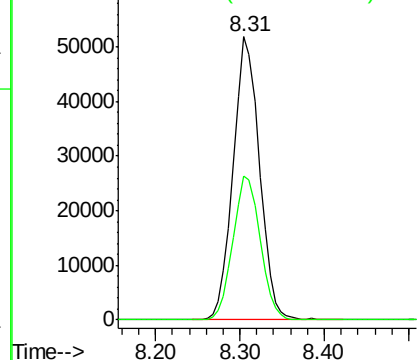
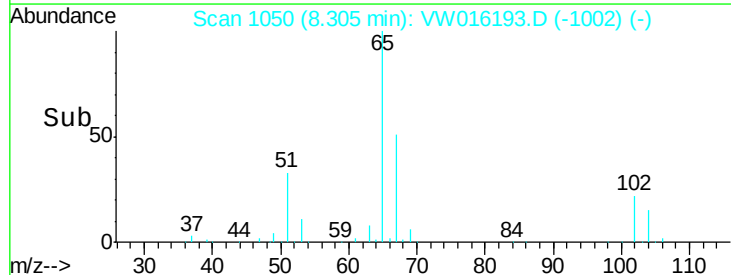


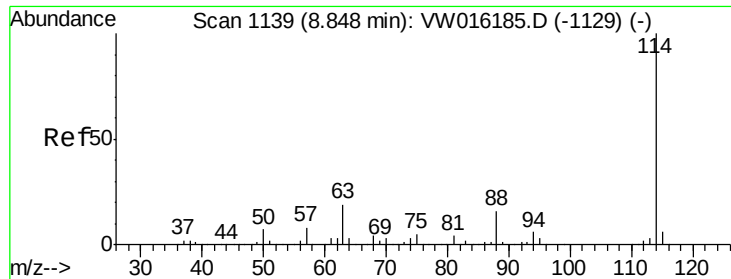
#33
1,2-Dichloroethane-d4
Concen: 56.316 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW016193.D
Acq: 14 Aug 2020 15:40

Tgt Ion: 65 Resp: 109340
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.6



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

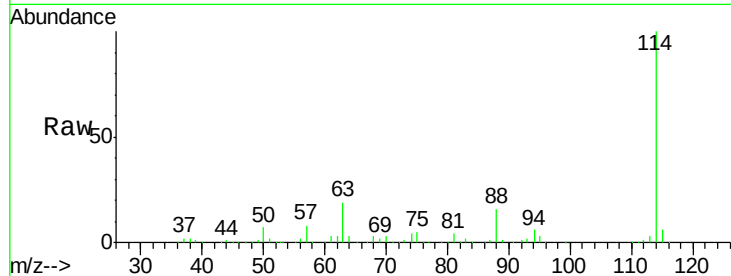




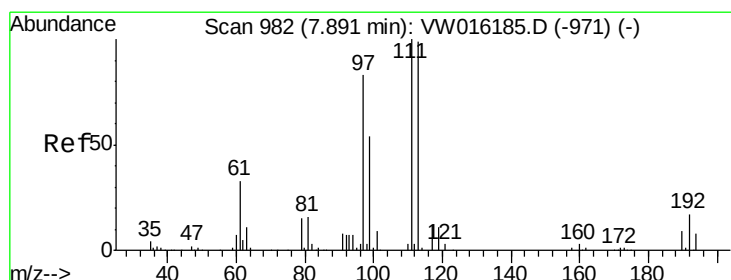
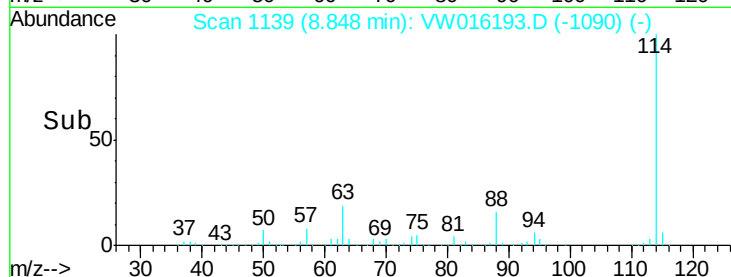
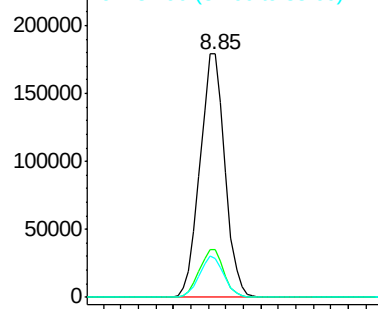
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW016193.D
 Acq: 14 Aug 2020 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-59

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.4
88	15.8	0.0	32.8

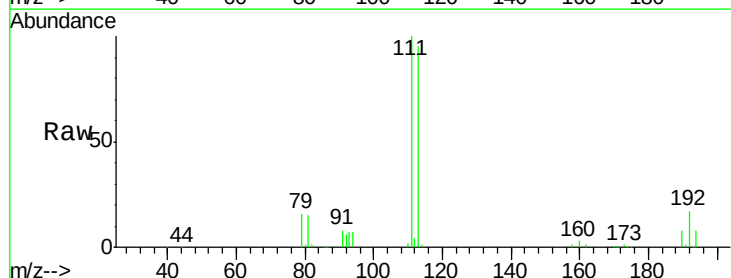


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

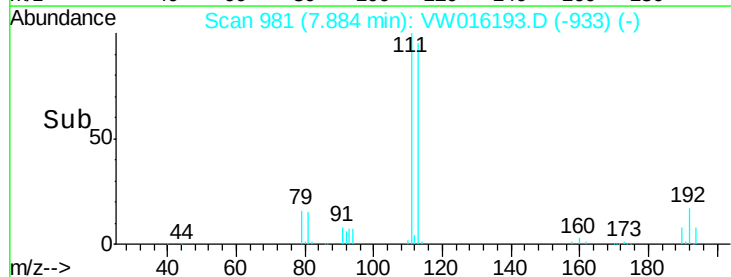
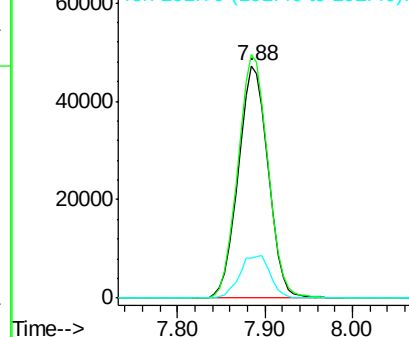


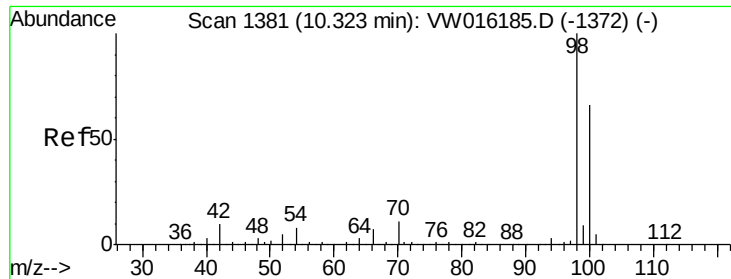
#35
 Dibromofluoromethane
 Concen: 51.059 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016193.D
 Acq: 14 Aug 2020 15:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.5	125.3
192	18.9	14.3	21.5



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

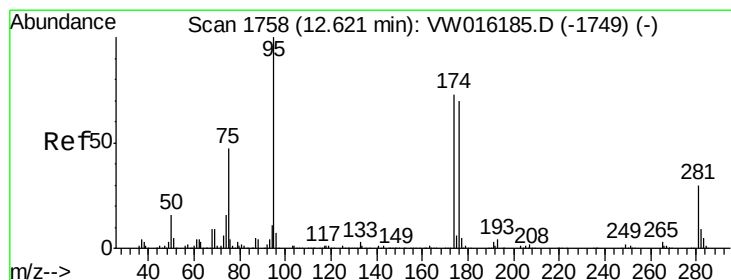
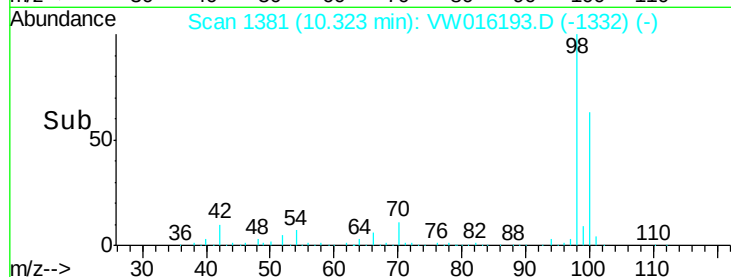
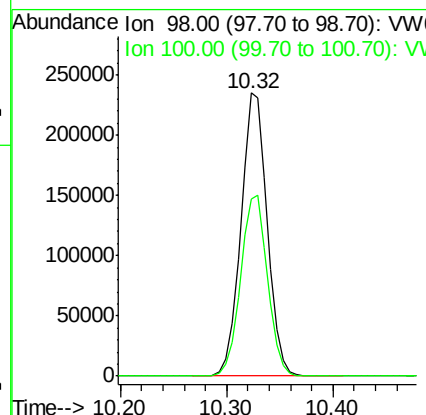
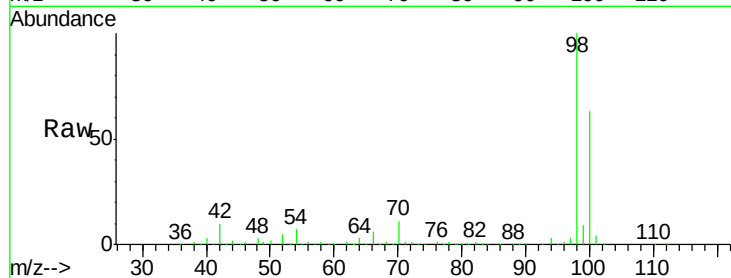




#50
Toluene-d8
Concen: 47.868 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW016193.D
Acq: 14 Aug 2020 15:40

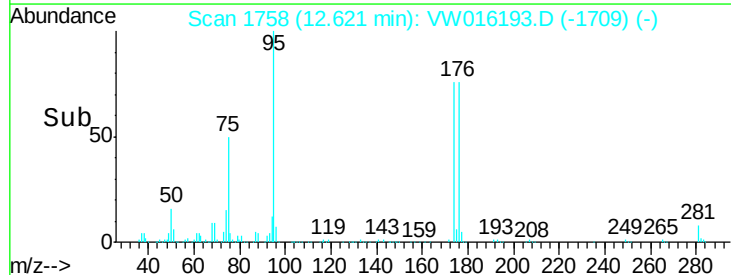
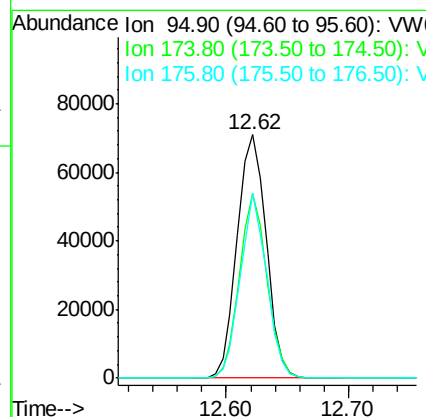
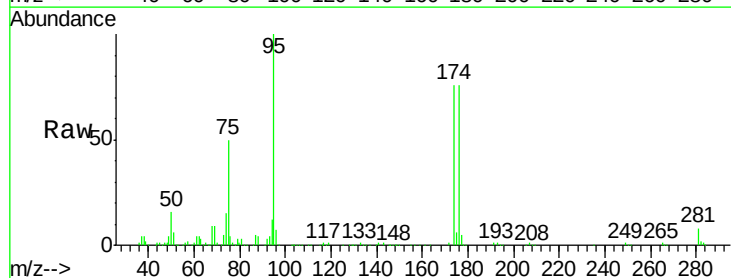
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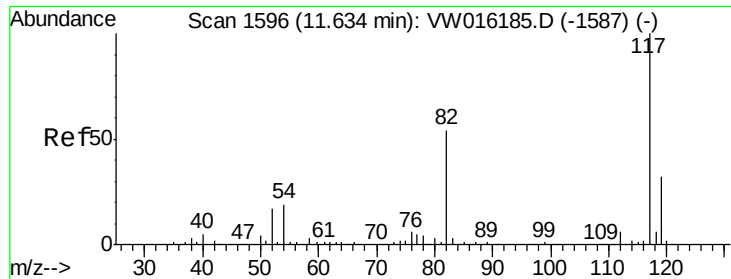
Tot Ion: 98 Resp: 406940
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 38.451 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW016193.D
Acq: 14 Aug 2020 15:40

Tgt Ion: 95 Resp: 116846
Ion Ratio Lower Upper
95 100
174 72.0 0.0 145.6
176 68.9 0.0 137.8

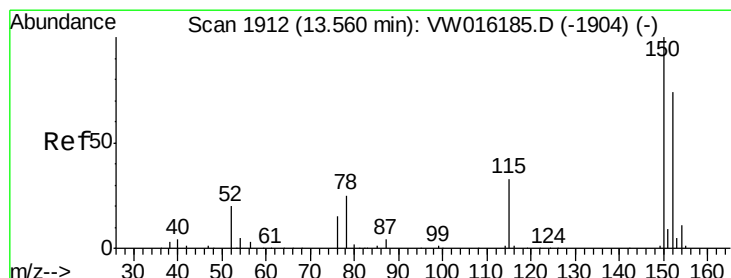
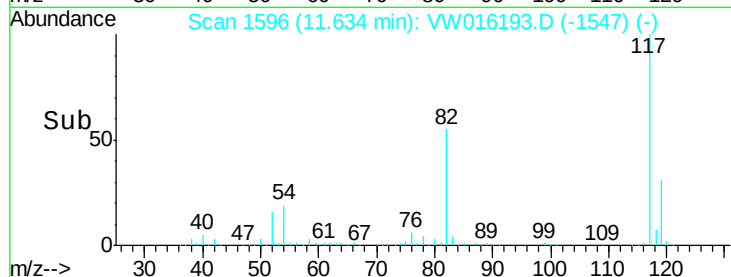
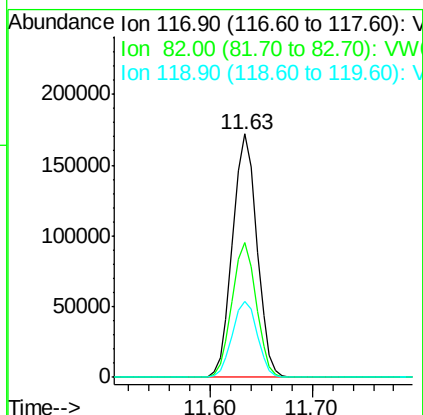
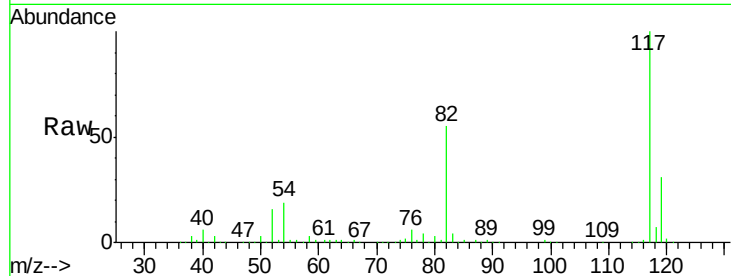




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016193.D
Acq: 14 Aug 2020 15:40

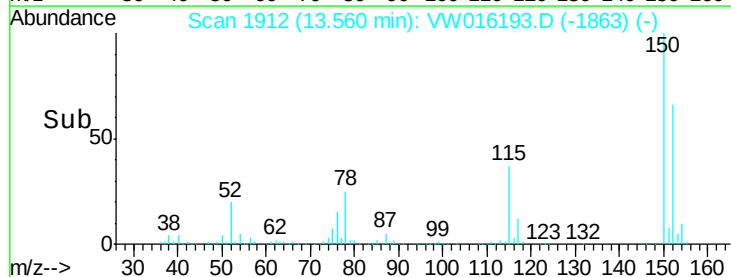
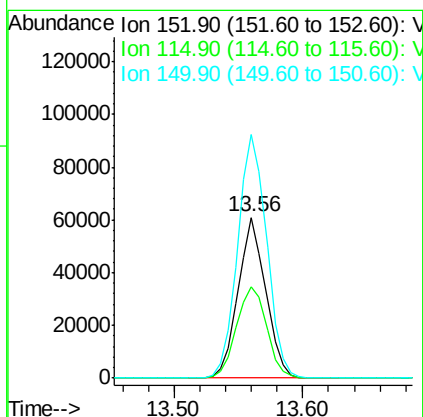
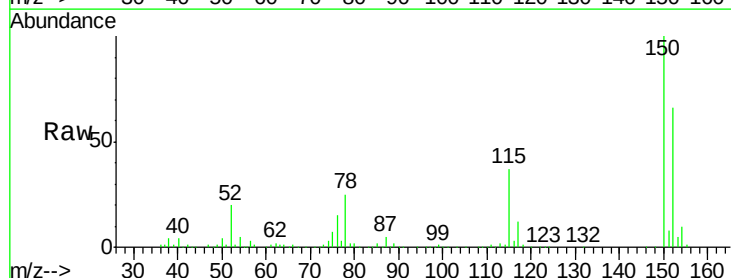
Instrument :
MSVOA_W
ClientSampled :
RBR-59

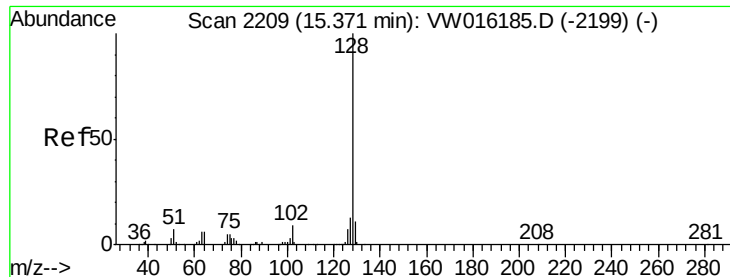
Tot Ion:117 Resp: 283561
Ion Ratio Lower Upper
117 100
82 55.4 43.6 65.4
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW016193.D
Acq: 14 Aug 2020 15:40

Tgt Ion:152 Resp: 90700
Ion Ratio Lower Upper
152 100
115 61.9 30.9 92.5
150 159.0 0.0 337.8





#95

Naphthalene

Concen: 4.812 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW016193.D

Acq: 14 Aug 2020 15:40

Instrument :

MSVOA_W

ClientSampled :

RBR-59

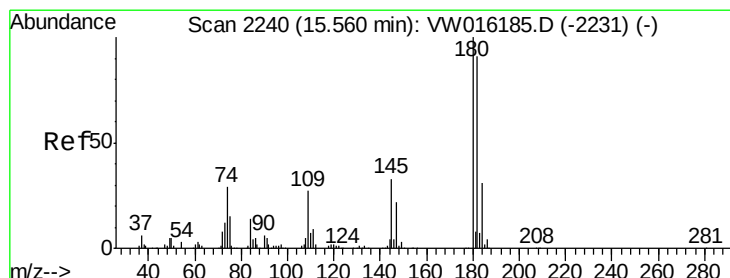
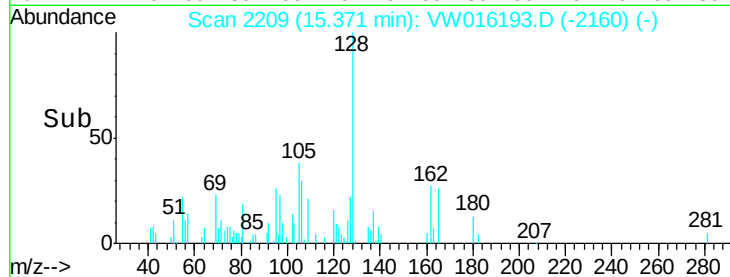
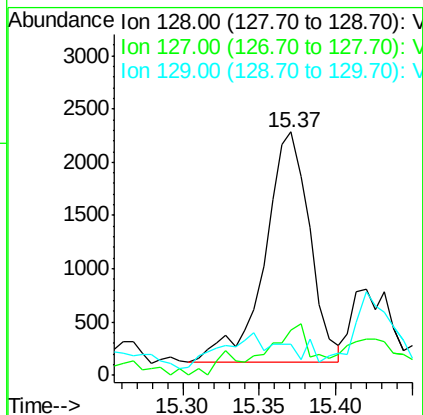
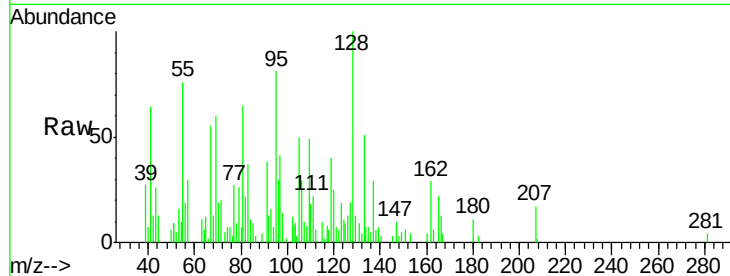
Tot Ion:128 Resp: 4438

Ion Ratio Lower Upper

128 100

127 17.1 10.2 15.4#

129 0.0 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 1.717 ug/l

RT: 15.58 min Scan# 2243

Delta R.T. 0.02 min

Lab File: VW016193.D

Acq: 14 Aug 2020 15:40

Tgt Ion:180 Resp: 2347

Ion Ratio Lower Upper

180 100

182 0.0 47.7 143.1#

145 0.0 17.4 52.3#

