

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066821.D
 Acq On : 22 Sep 2020 19:57
 Operator : VA/SY
 Sample : L4100-03
 Misc : 5.66G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-59

Quant Time: Sep 23 03:28:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

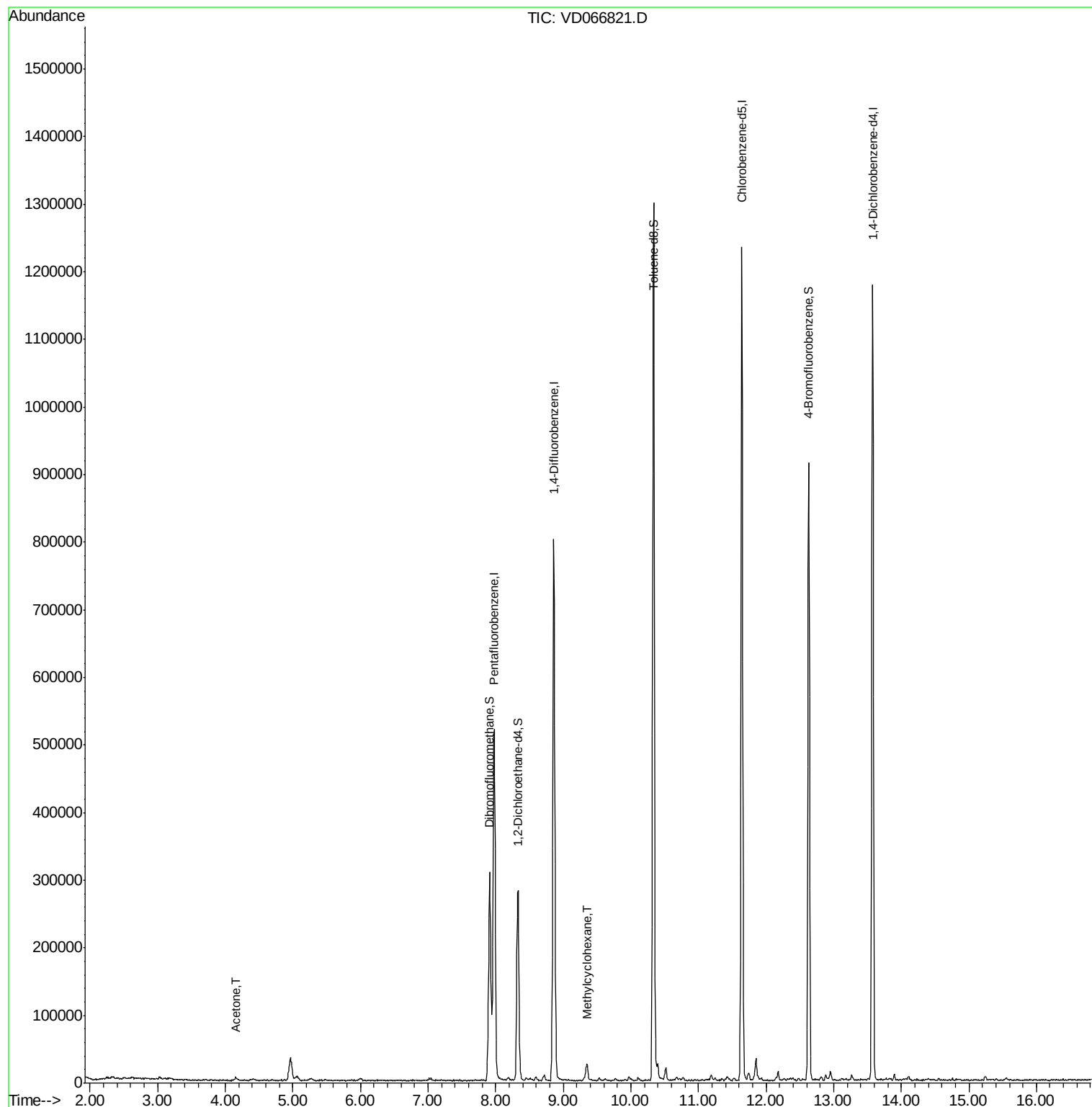
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	368065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	679011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	693750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	306116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	229763	63.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.56%	
35) Dibromofluoromethane	7.91	113	215941	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	10.34	98	860598	58.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.94%	
62) 4-Bromofluorobenzene	12.63	95	299353	59.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.82%	
Target Compounds						
16) Acetone	4.16	43	7617	9.967	ug/l	96
39) Methylcyclohexane	9.35	83	9348	1.209	ug/l	87

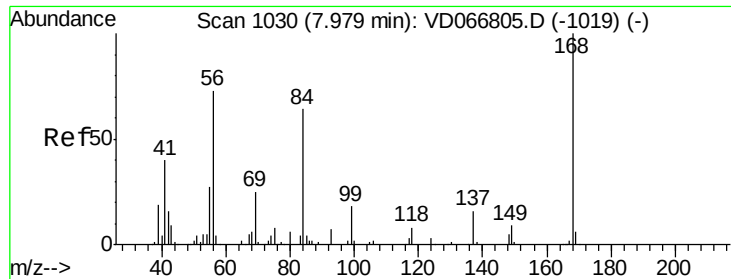
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066821.D

Acq: 22 Sep 2020 19:57

Instrument :

MSVOA_D

ClientSampled :

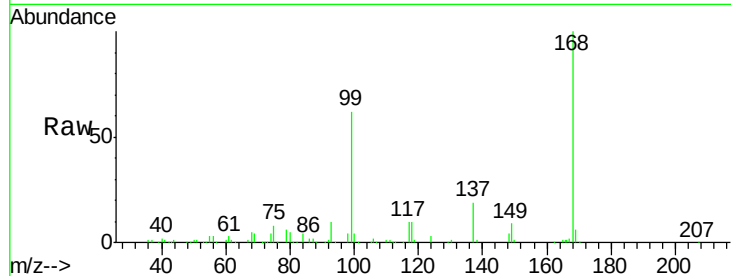
RBR-59

Tot Ion:168 Resp: 368065

Ion Ratio Lower Upper

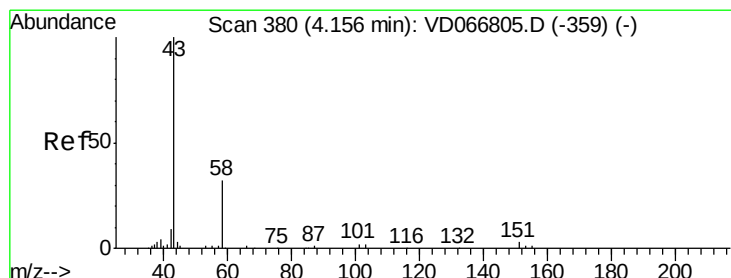
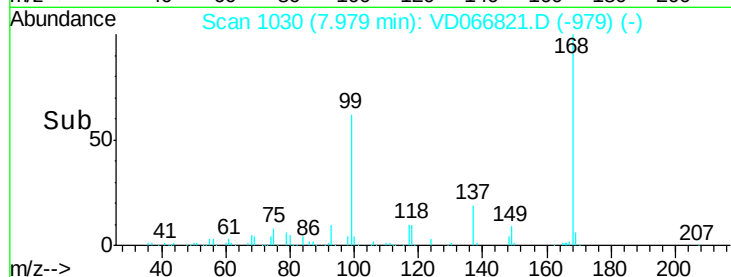
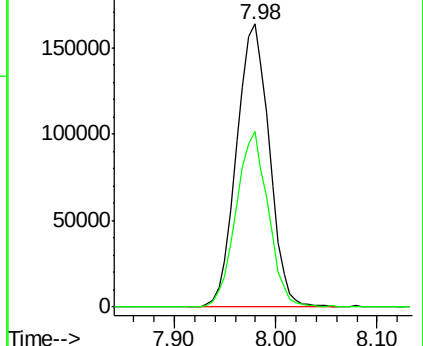
168 100

99 62.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 9.967 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066821.D

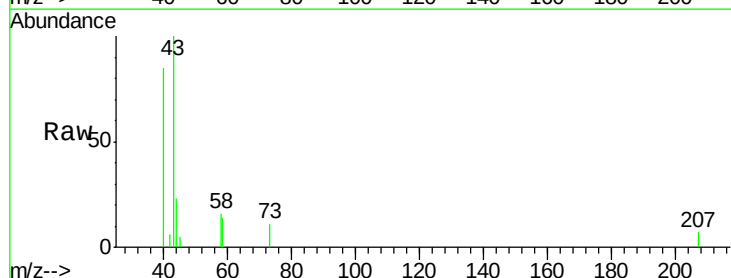
Acq: 22 Sep 2020 19:57

Tgt Ion: 43 Resp: 7617

Ion Ratio Lower Upper

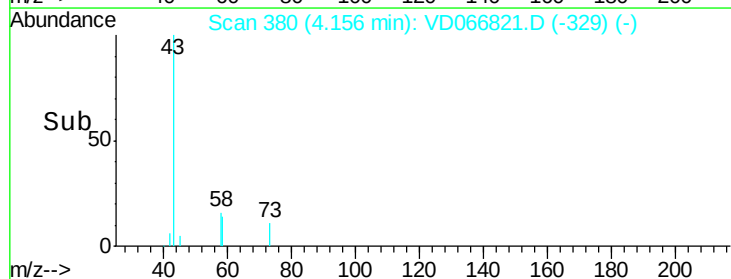
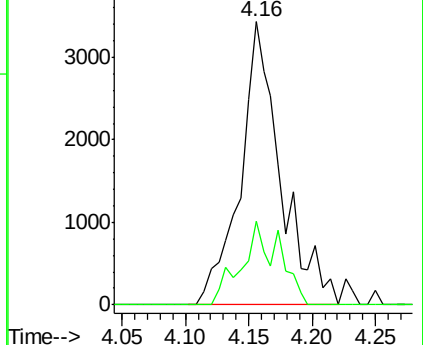
43 100

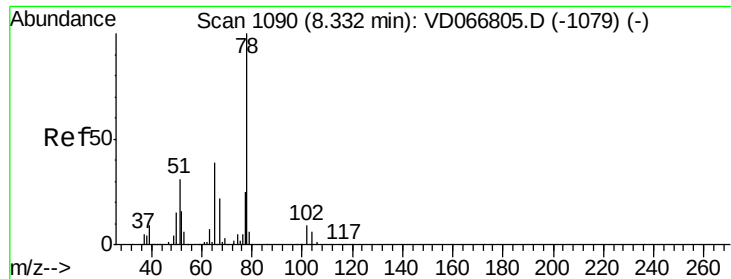
58 29.8 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

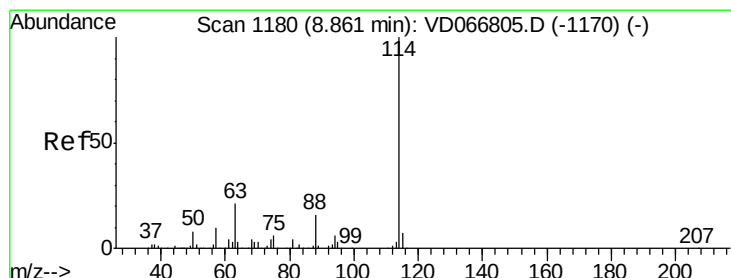
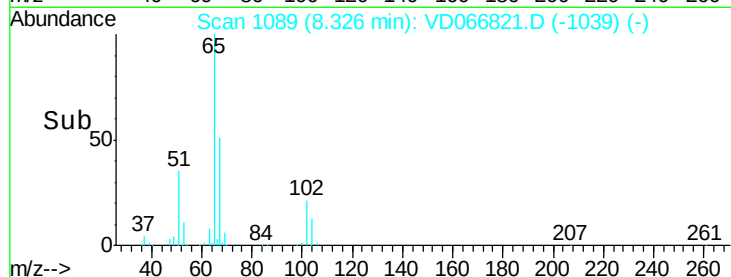
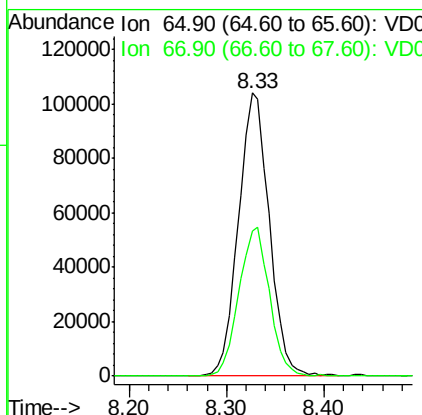
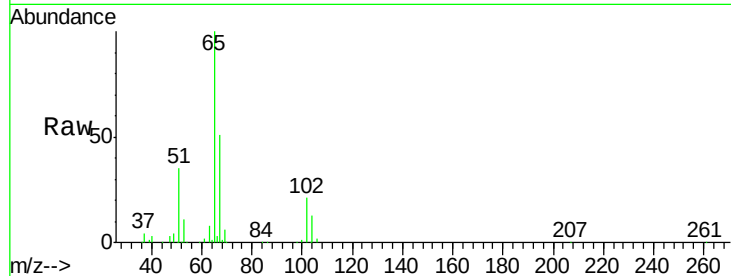




#33
 1,2-Dichloroethane-d4
 Concen: 63.779 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066821.D
 Acq: 22 Sep 2020 19:57

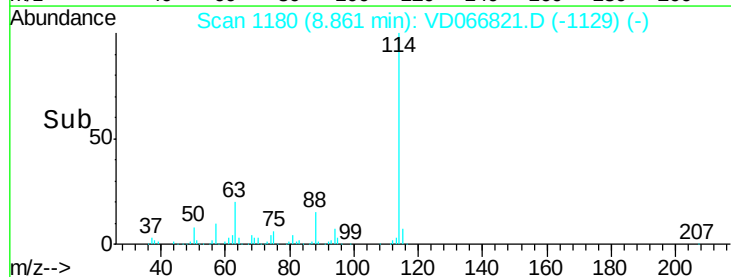
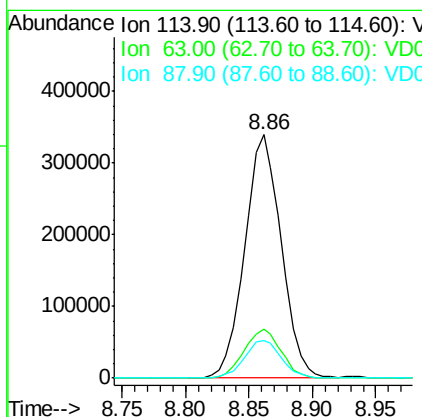
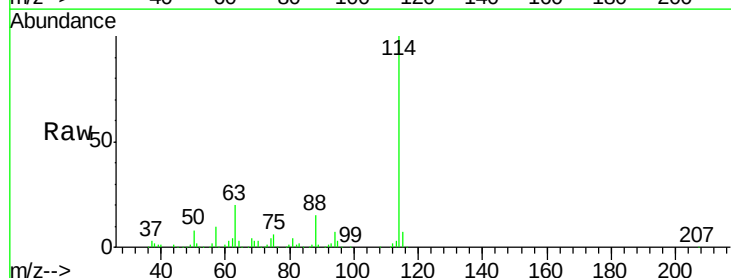
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-59

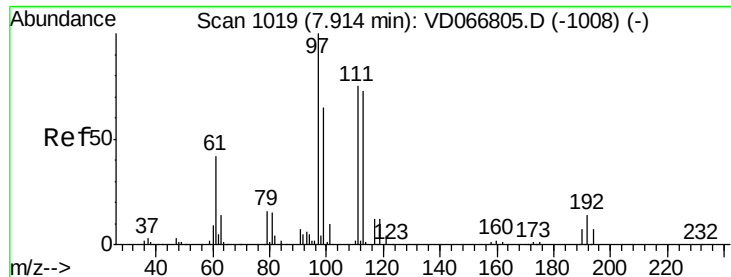
Tot Ion: 65 Resp: 229763
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066821.D
 Acq: 22 Sep 2020 19:57

Tgt Ion: 114 Resp: 679011
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.6
 88 15.5 0.0 32.6

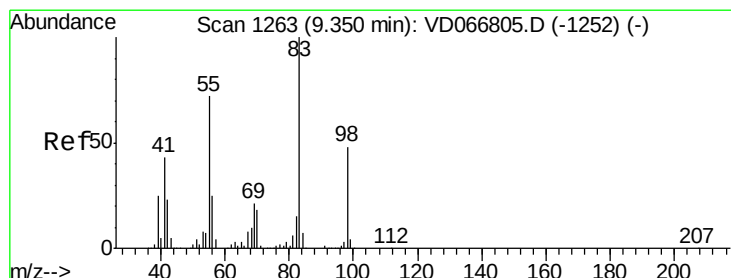
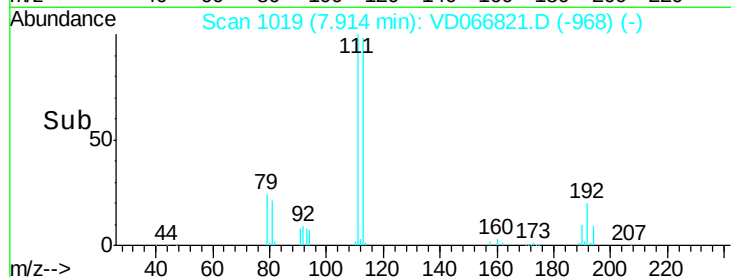
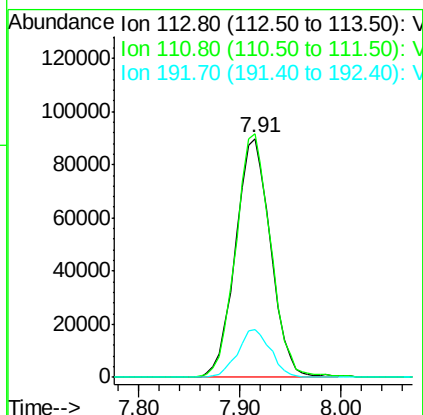
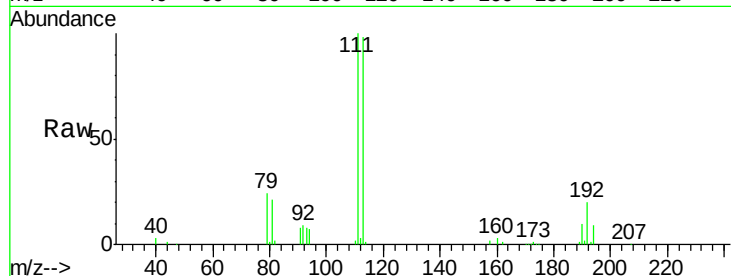




#35
Dibromofluoromethane
Concen: 49.988 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD066821.D
Acq: 22 Sep 2020 19:57

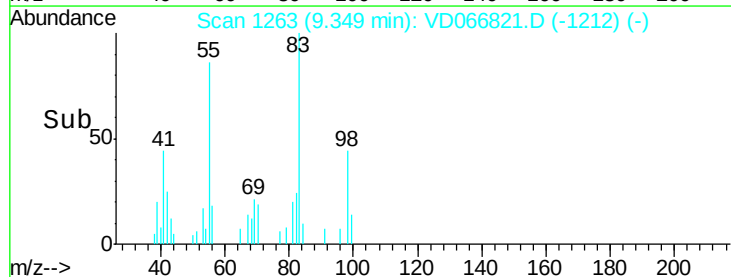
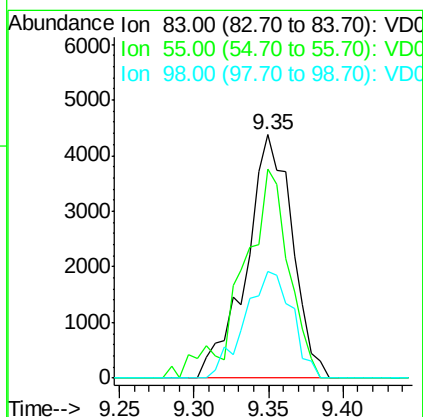
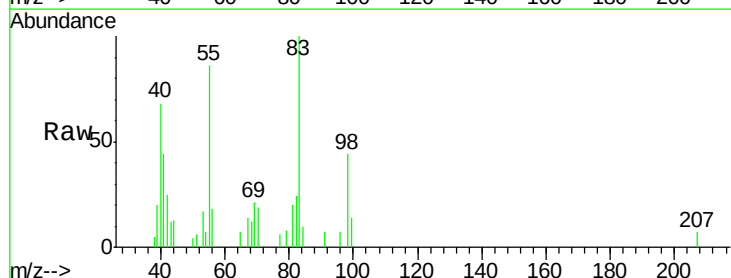
Instrument :
MSVOA_D
ClientSampleId :
RBR-59

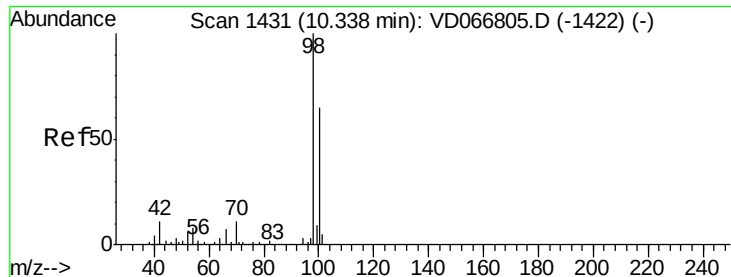
Tot Ion:113 Resp: 215941
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.8
192 19.0 14.4 21.6



#39
Methylcyclohexane
Concen: 1.209 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066821.D
Acq: 22 Sep 2020 19:57

Tgt Ion: 83 Resp: 9348
Ion Ratio Lower Upper
83 100
55 86.1 57.7 86.5
98 43.8 38.4 57.6

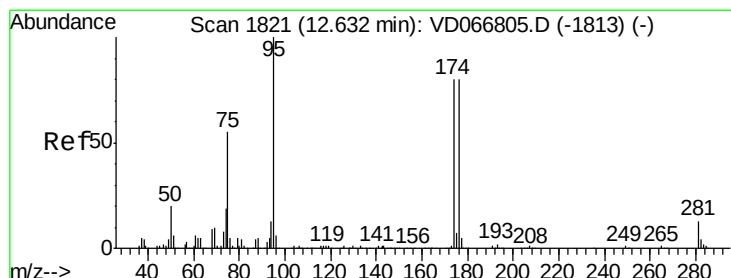
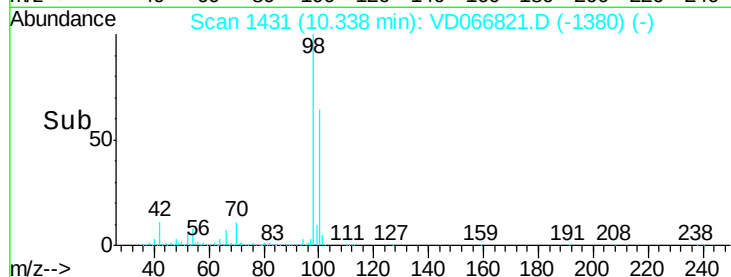
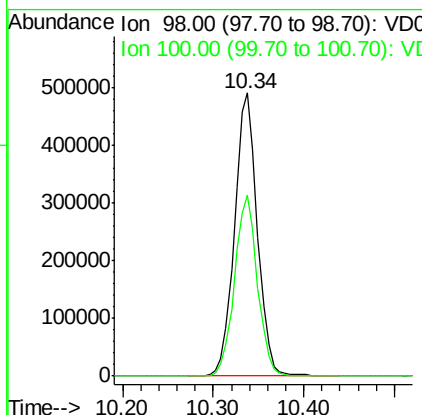
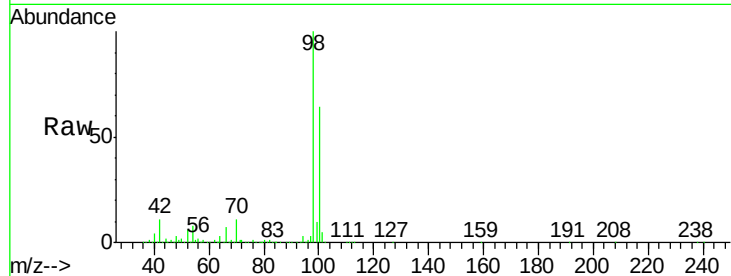




#50
Toluene-d8
Concen: 58.470 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066821.D
Acq: 22 Sep 2020 19:57

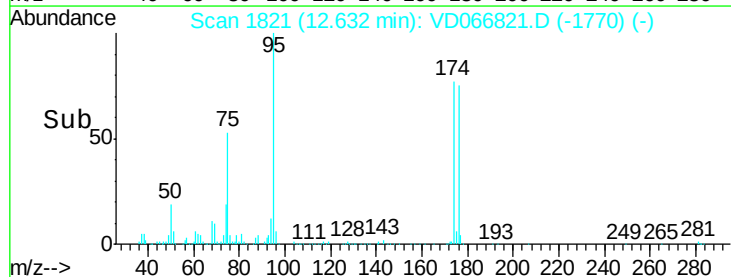
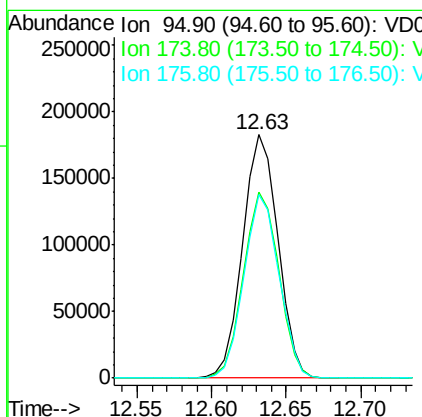
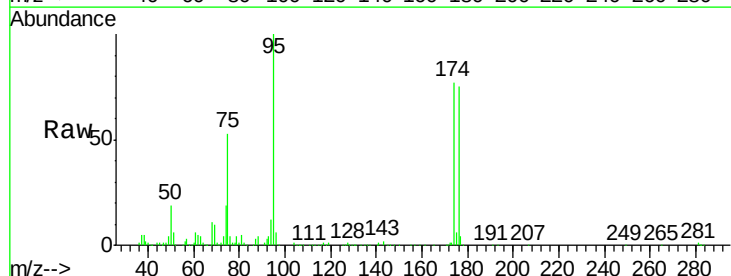
Instrument :
MSVOA_D
ClientSampled :
RBR-59

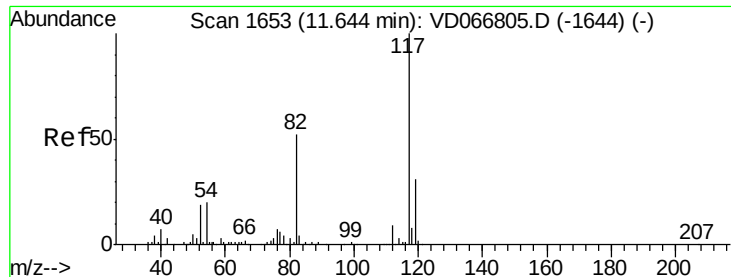
Tot Ion: 98 Resp: 860598
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 59.411 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066821.D
Acq: 22 Sep 2020 19:57

Tgt Ion: 95 Resp: 299353
Ion Ratio Lower Upper
95 100
174 76.9 0.0 159.8
176 74.8 0.0 154.4

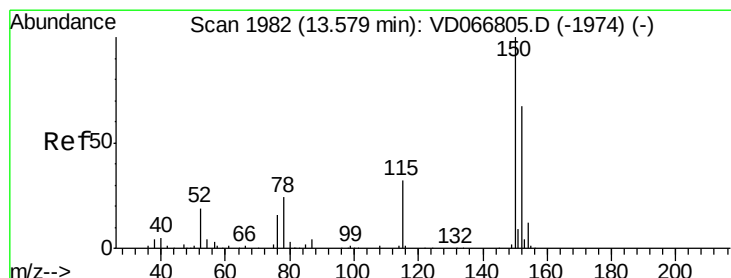
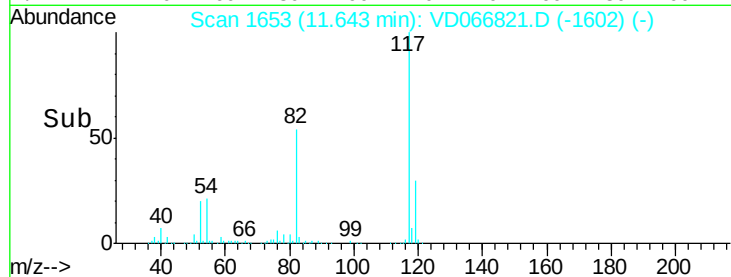
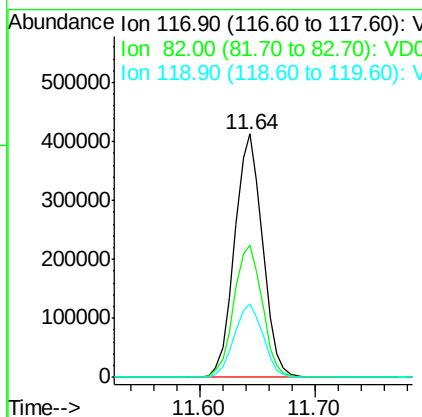
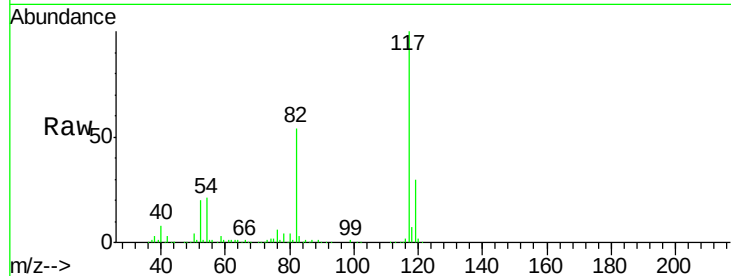




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.64 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: VD066821.D
 Acq: 22 Sep 2020 19:57

Instrument :
 MSVOA_D
 ClientSampled :
 RBR-59

Tot Ion:117 Resp: 693750
 Ion Ratio Lower Upper
 117 100
 82 54.2 41.8 62.6
 119 30.3 24.6 37.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VD066821.D
 Acq: 22 Sep 2020 19:57

Tgt Ion:152 Resp: 306116
 Ion Ratio Lower Upper
 152 100
 115 61.7 30.3 91.0
 150 160.7 0.0 346.2

