

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066022.D
 Acq On : 23 Jul 2020 14:13
 Operator : VA/SY
 Sample : L3362-03
 Misc : 7.66G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-59

Quant Time: Jul 24 04:04:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

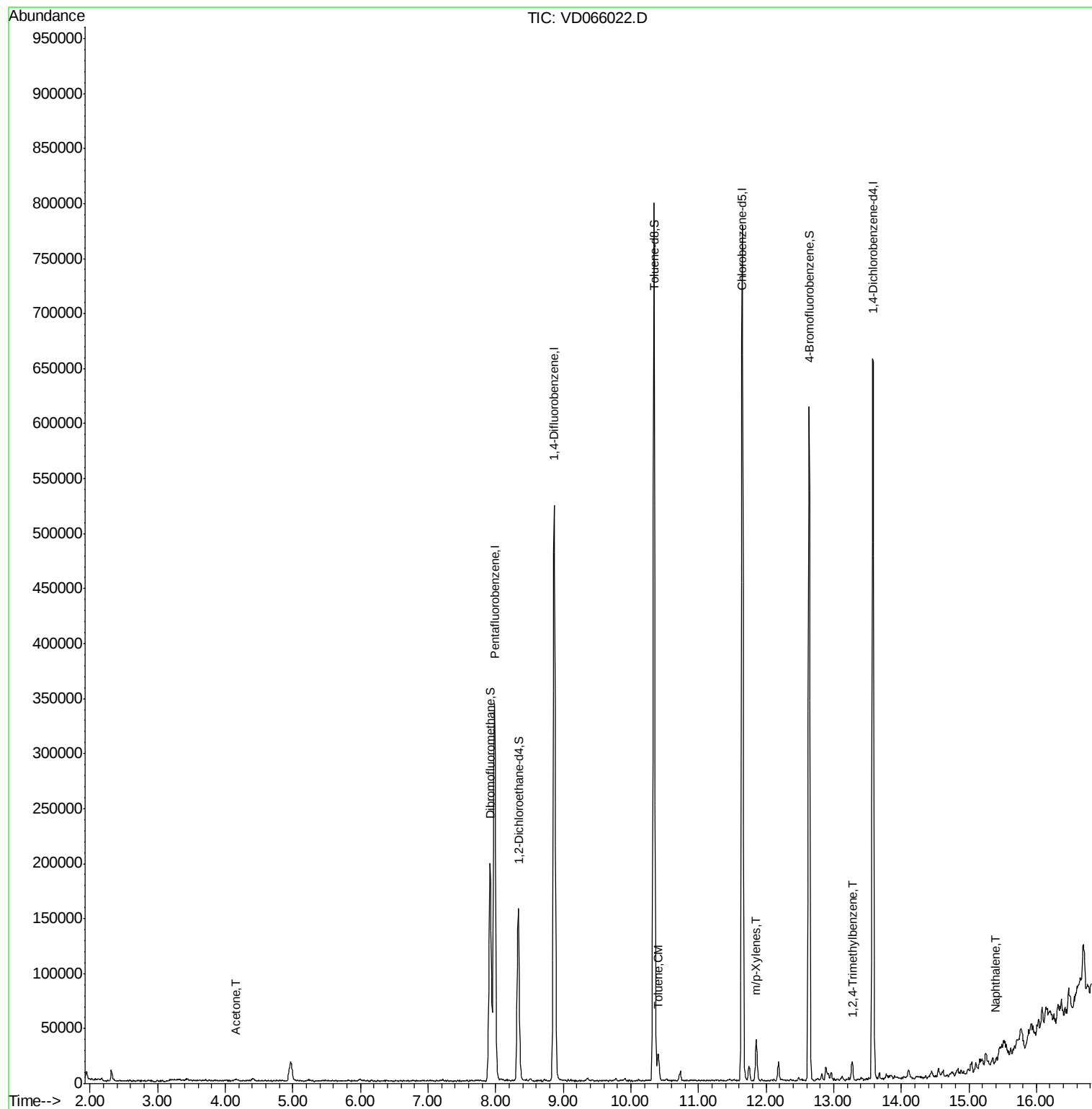
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	278519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	463593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	463135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	186133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	126039	55.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.22%	
35) Dibromofluoromethane	7.92	113	144368	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
50) Toluene-d8	10.34	98	551434	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.64	95	188600	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
Target Compounds						
16) Acetone	4.17	43	3039	6.625	ug/l #	85
52) Toluene	10.41	92	9628	1.334	ug/l	97
68) m/p-Xylenes	11.86	106	11485	2.048	ug/l	86
84) 1,2,4-Trimethylbenzene	13.27	105	9537	1.045	ug/l	95
95) Naphthalene	15.40	128	2563	3.950	ug/l #	90

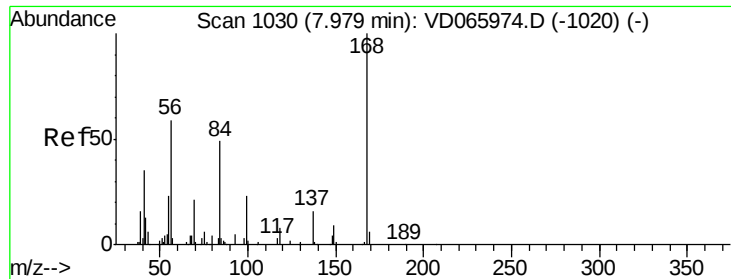
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072320\
Data File : VD066022.D
Acq On : 23 Jul 2020 14:13
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066022.D

Acq: 23 Jul 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

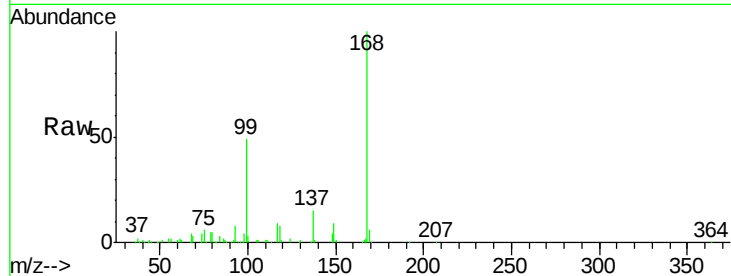
RBR-59

Tot Ion:168 Resp: 278519

Ion Ratio Lower Upper

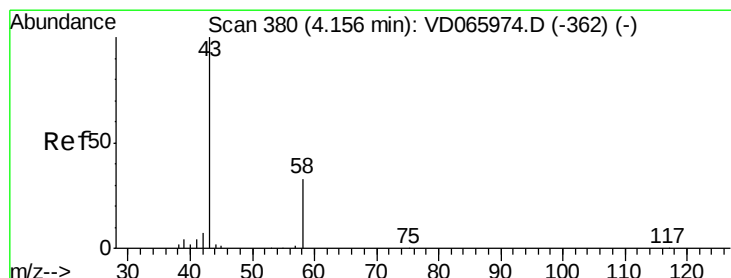
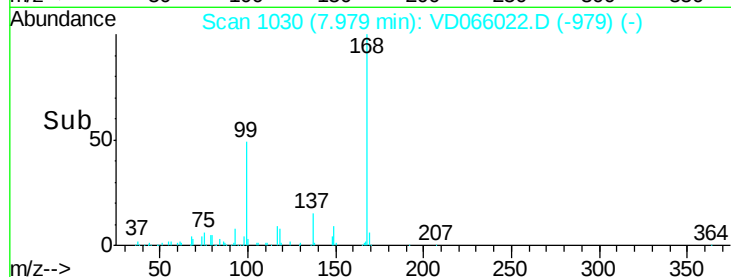
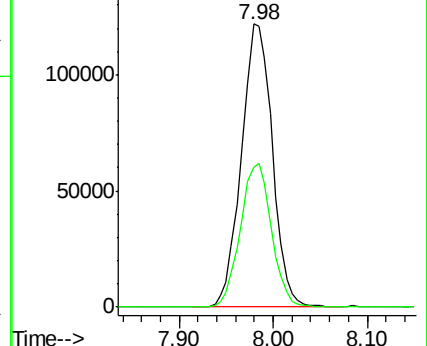
168 100

99 49.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 6.625 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066022.D

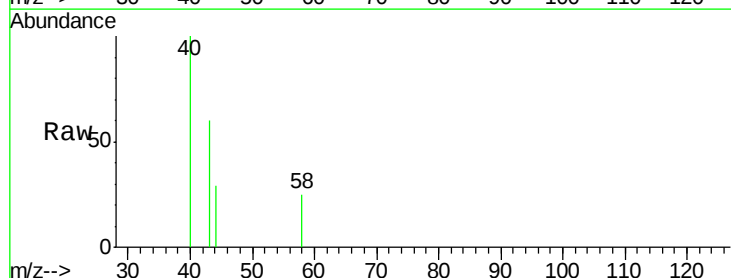
Acq: 23 Jul 2020 14:13

Tgt Ion: 43 Resp: 3039

Ion Ratio Lower Upper

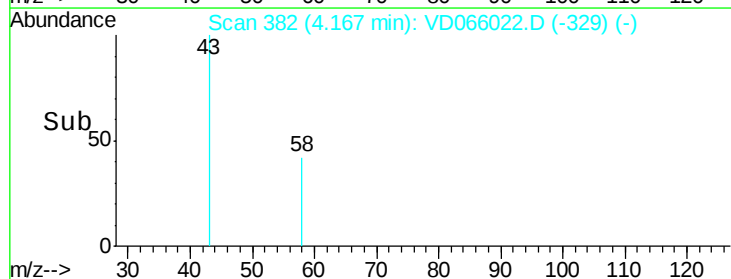
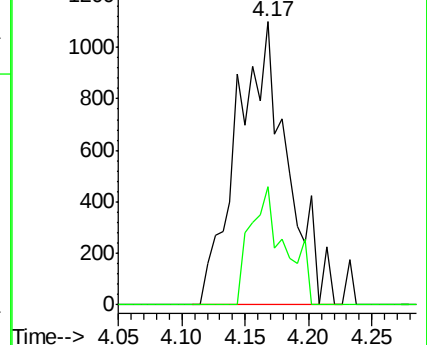
43 100

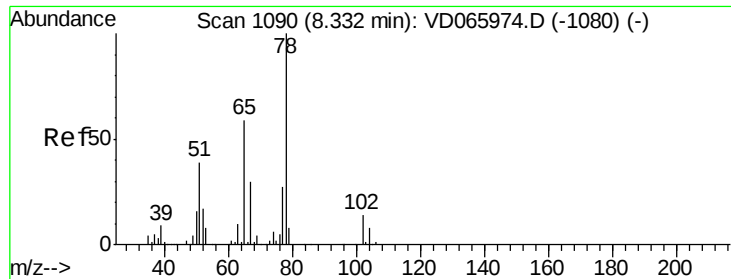
58 41.6 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

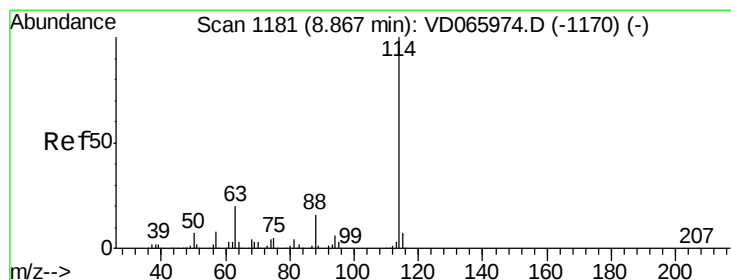
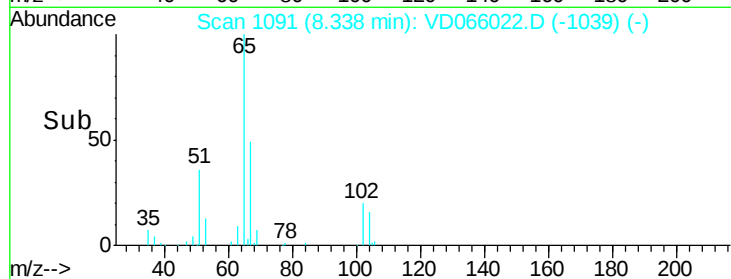
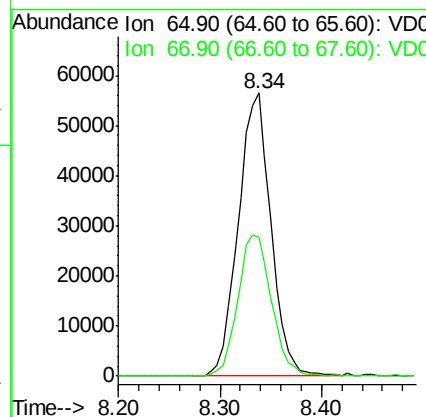
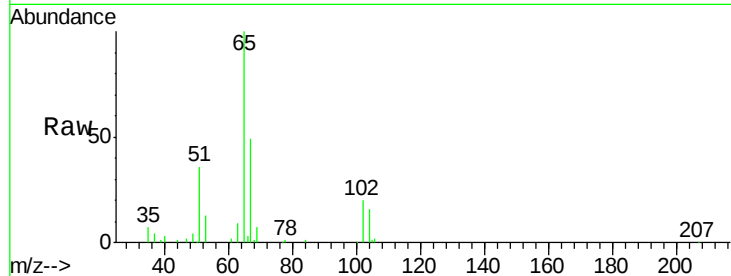




#33
 1,2-Dichloroethane-d4
 Concen: 55.615 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD066022.D
 Acq: 23 Jul 2020 14:13

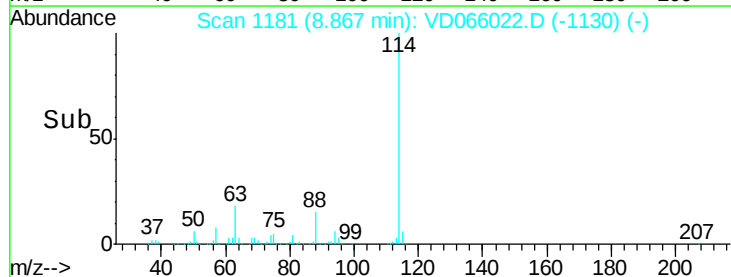
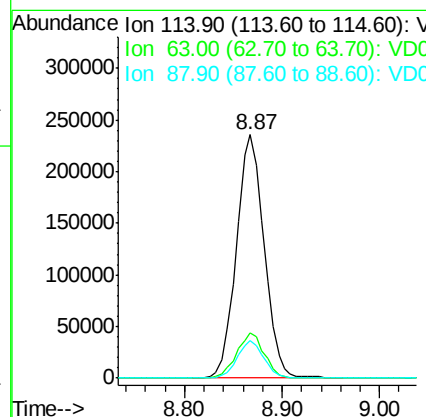
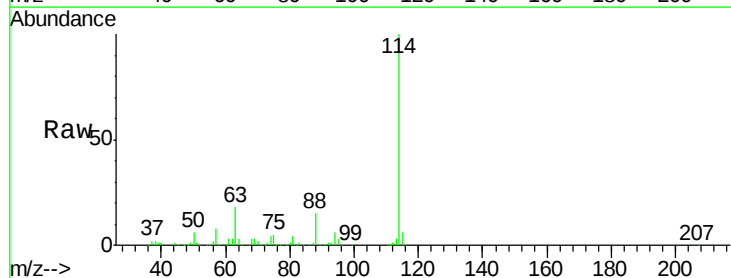
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-59

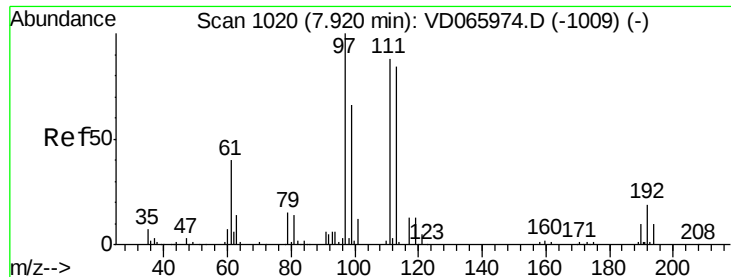
Tot Ion: 65 Resp: 126039
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066022.D
 Acq: 23 Jul 2020 14:13

Tgt Ion: 114 Resp: 463593
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.6
 88 15.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.343 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD066022.D

Acq: 23 Jul 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

RBR-59

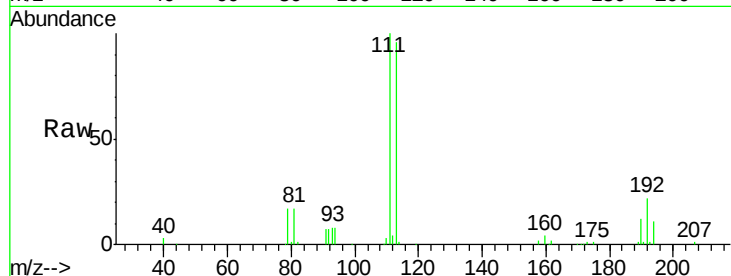
Tot Ion:113 Resp: 144368

Ion Ratio Lower Upper

113 100

111 100.4 83.2 124.8

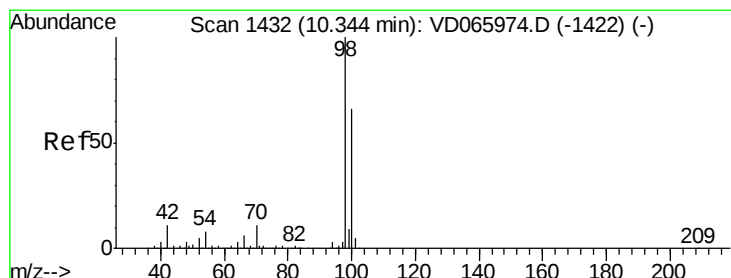
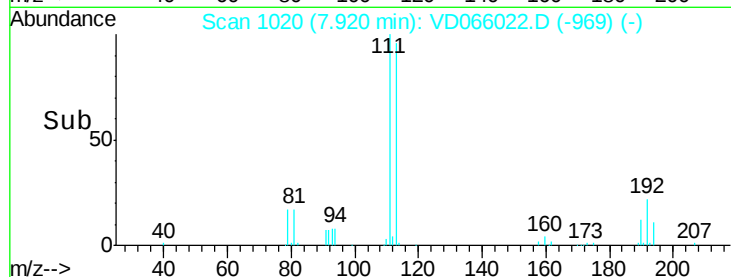
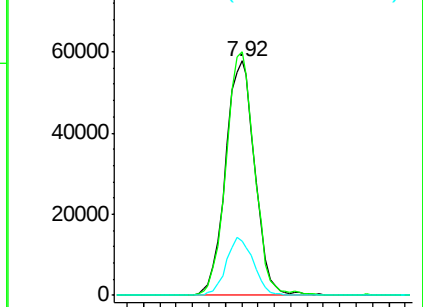
192 22.7 18.7 28.1



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: 52.644 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066022.D

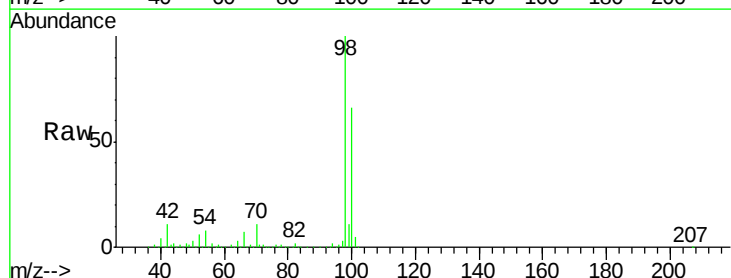
Acq: 23 Jul 2020 14:13

Tgt Ion: 98 Resp: 551434

Ion Ratio Lower Upper

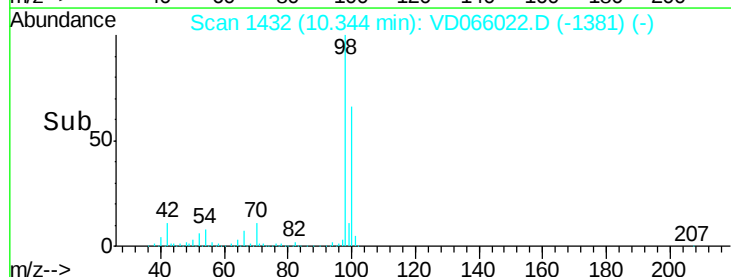
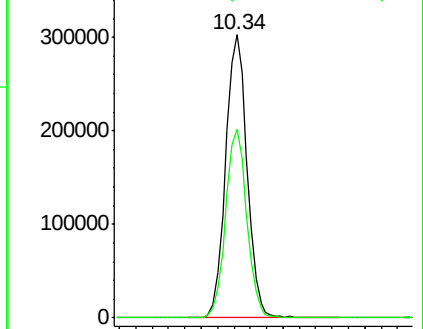
98 100

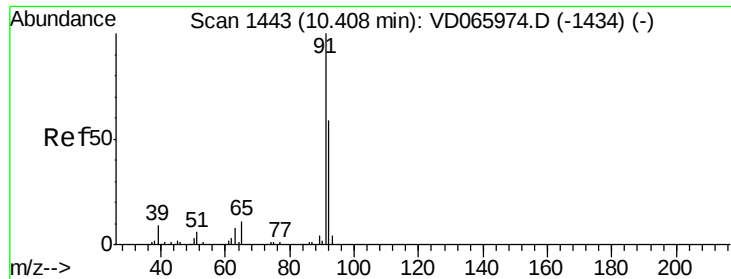
100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.334 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD066022.D

Acq: 23 Jul 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

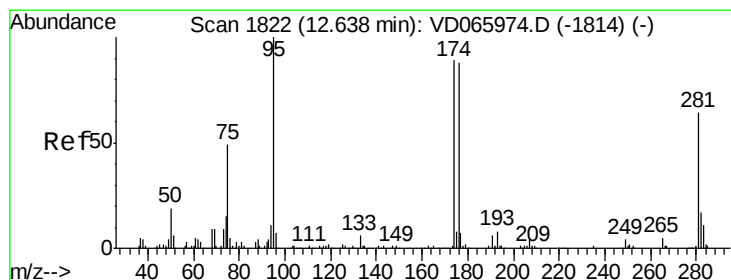
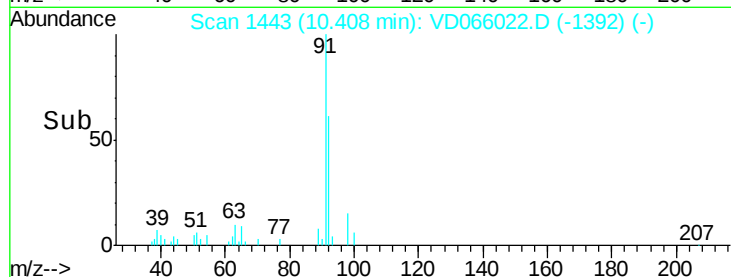
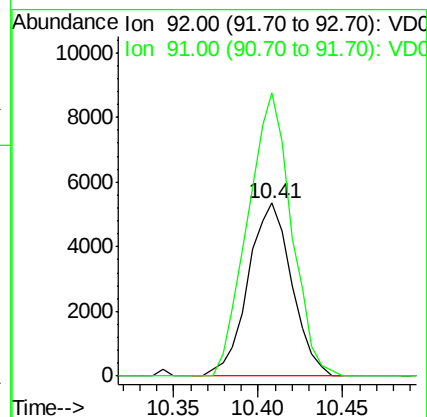
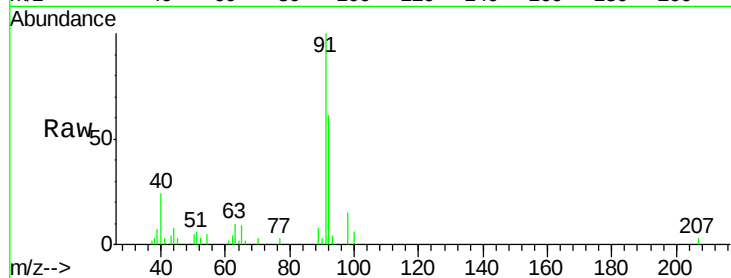
RBR-59

Tot Ion: 92 Resp: 9628

Ion Ratio Lower Upper

92 100

91 163.7 134.5 201.7



#62

4-Bromofluorobenzene

Concen: 51.927 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066022.D

Acq: 23 Jul 2020 14:13

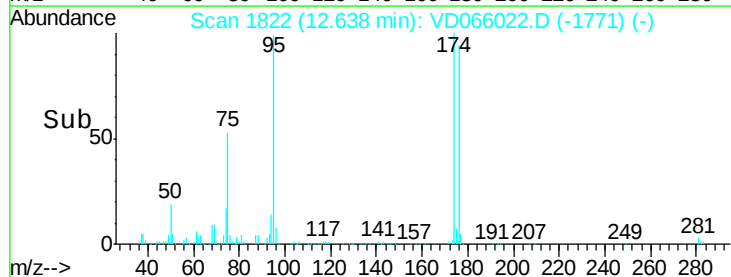
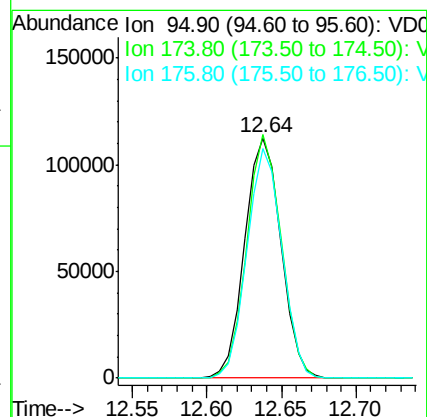
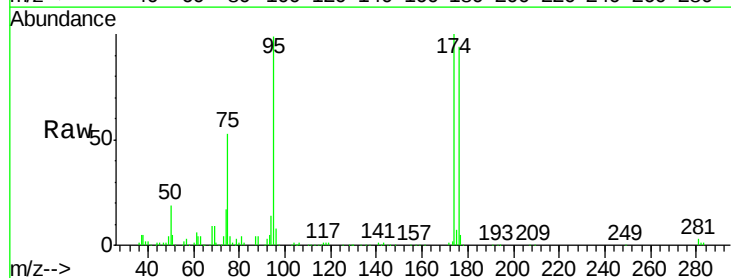
Tgt Ion: 95 Resp: 188600

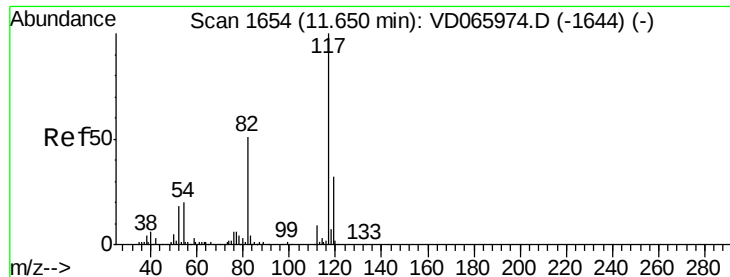
Ion Ratio Lower Upper

95 100

174 96.5 0.0 178.8

176 92.2 0.0 172.6

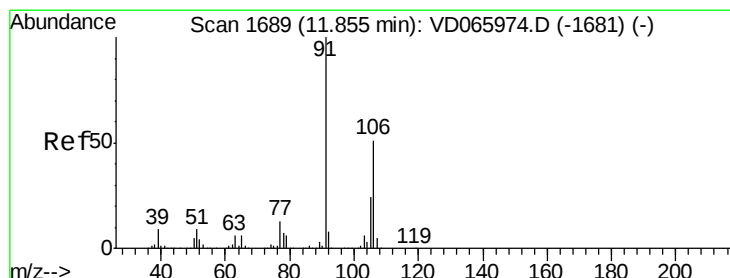
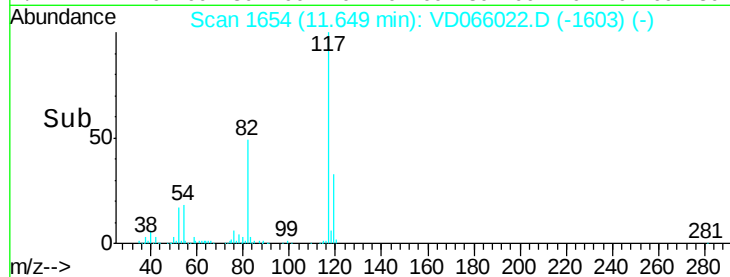
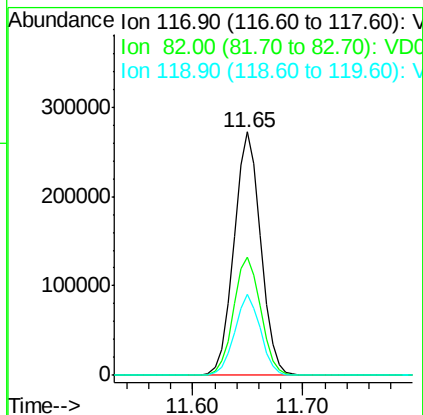
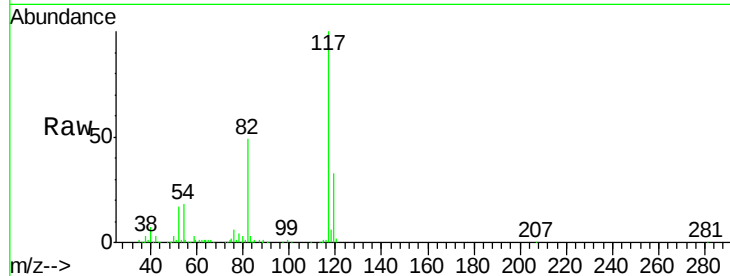




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066022.D
Acq: 23 Jul 2020 14:13

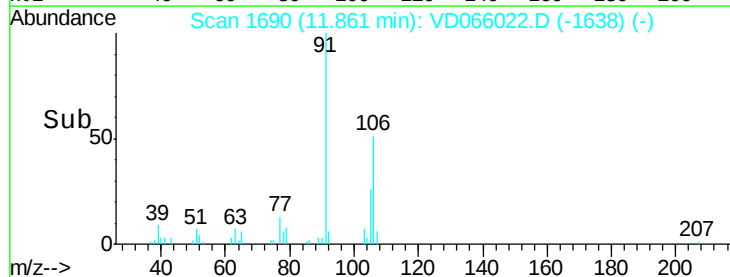
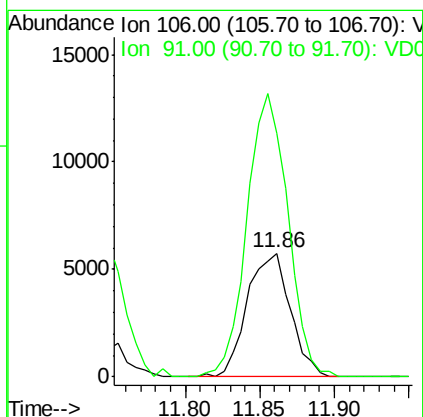
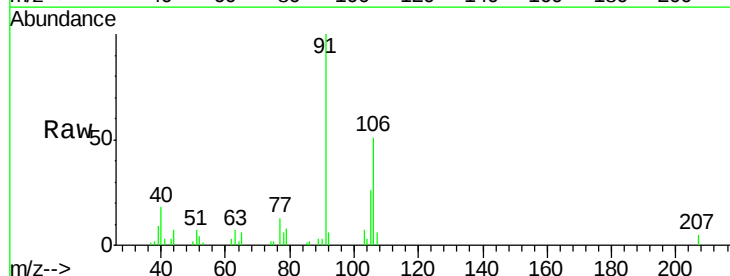
Instrument :
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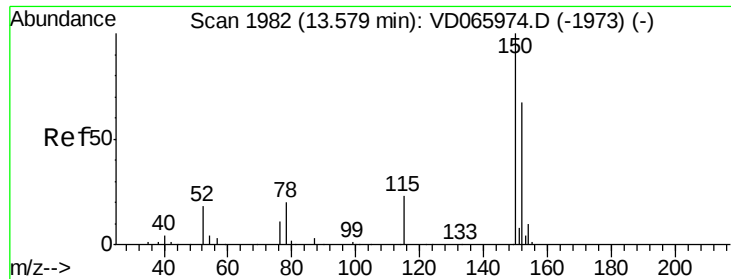
Tot Ion:117 Resp: 463135
Ion Ratio Lower Upper
117 100
82 48.6 41.1 61.7
119 33.4 25.9 38.9



#68
m/p-Xylenes
Concen: 2.048 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD066022.D
Acq: 23 Jul 2020 14:13

Tgt Ion:106 Resp: 11485
Ion Ratio Lower Upper
106 100
91 217.3 157.0 235.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066022.D

Acq: 23 Jul 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

RBR-59

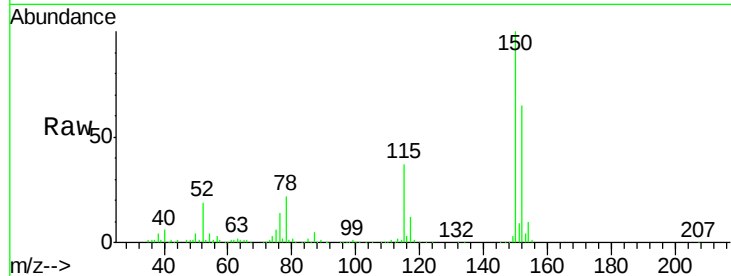
Tot Ion:152 Resp: 186133

Ion Ratio Lower Upper

152 100

115 56.0 27.9 83.7

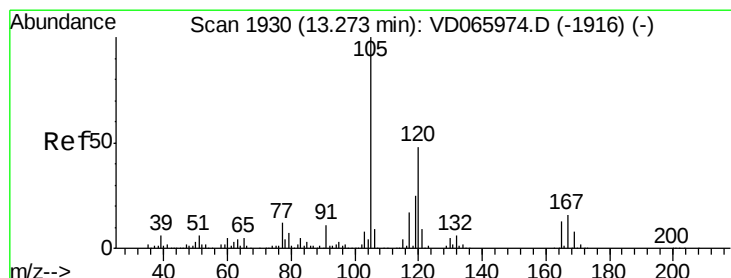
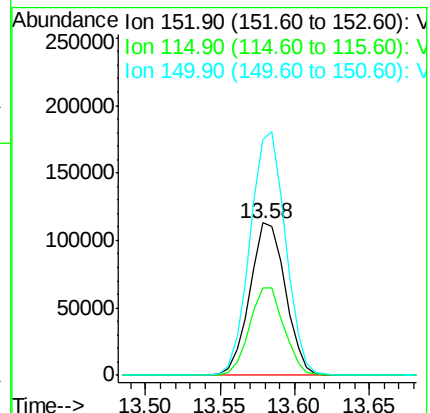
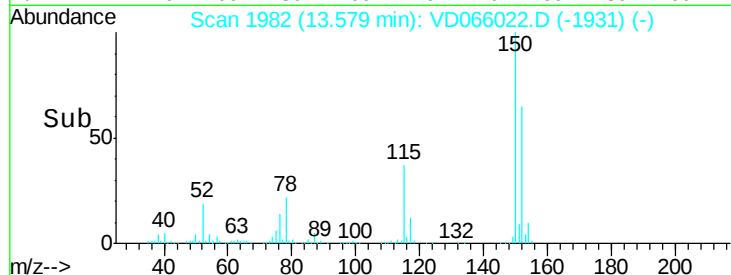
150 158.8 0.0 348.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.045 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066022.D

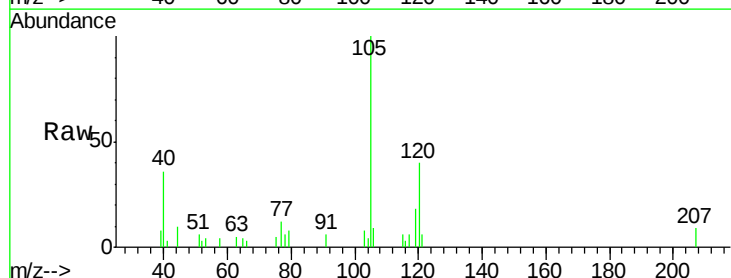
Acq: 23 Jul 2020 14:13

Tgt Ion:105 Resp: 9537

Ion Ratio Lower Upper

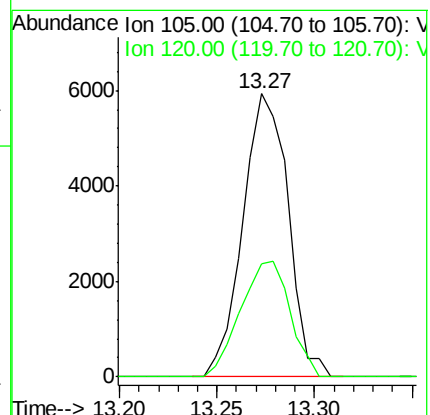
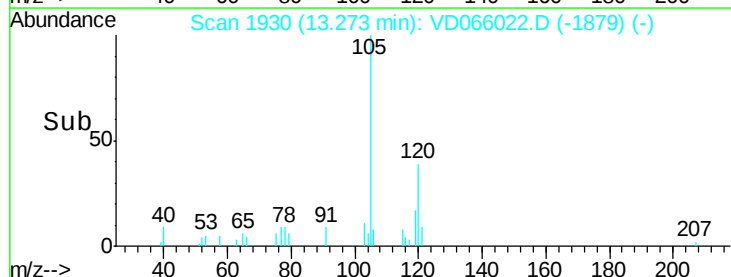
105 100

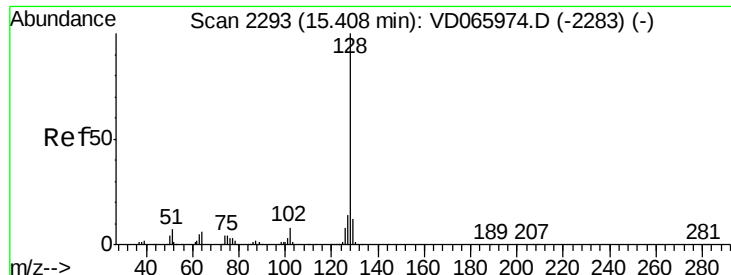
120 44.4 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 3.950 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066022.D

Acq: 23 Jul 2020 14:13

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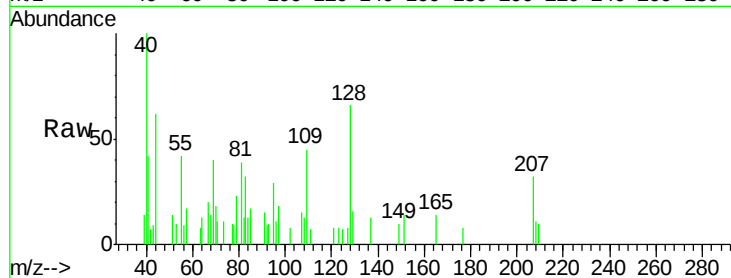
Tot Ion:128 Resp: 2563

Ion Ratio Lower Upper

128 100

127 16.3 10.8 16.2#

129 16.4 8.9 13.3#



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

