

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067069.D
 Acq On : 03 Oct 2020 07:56
 Operator : VA/SY
 Sample : L4230-01
 Misc : 6.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-29

Quant Time: Oct 03 08:19:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

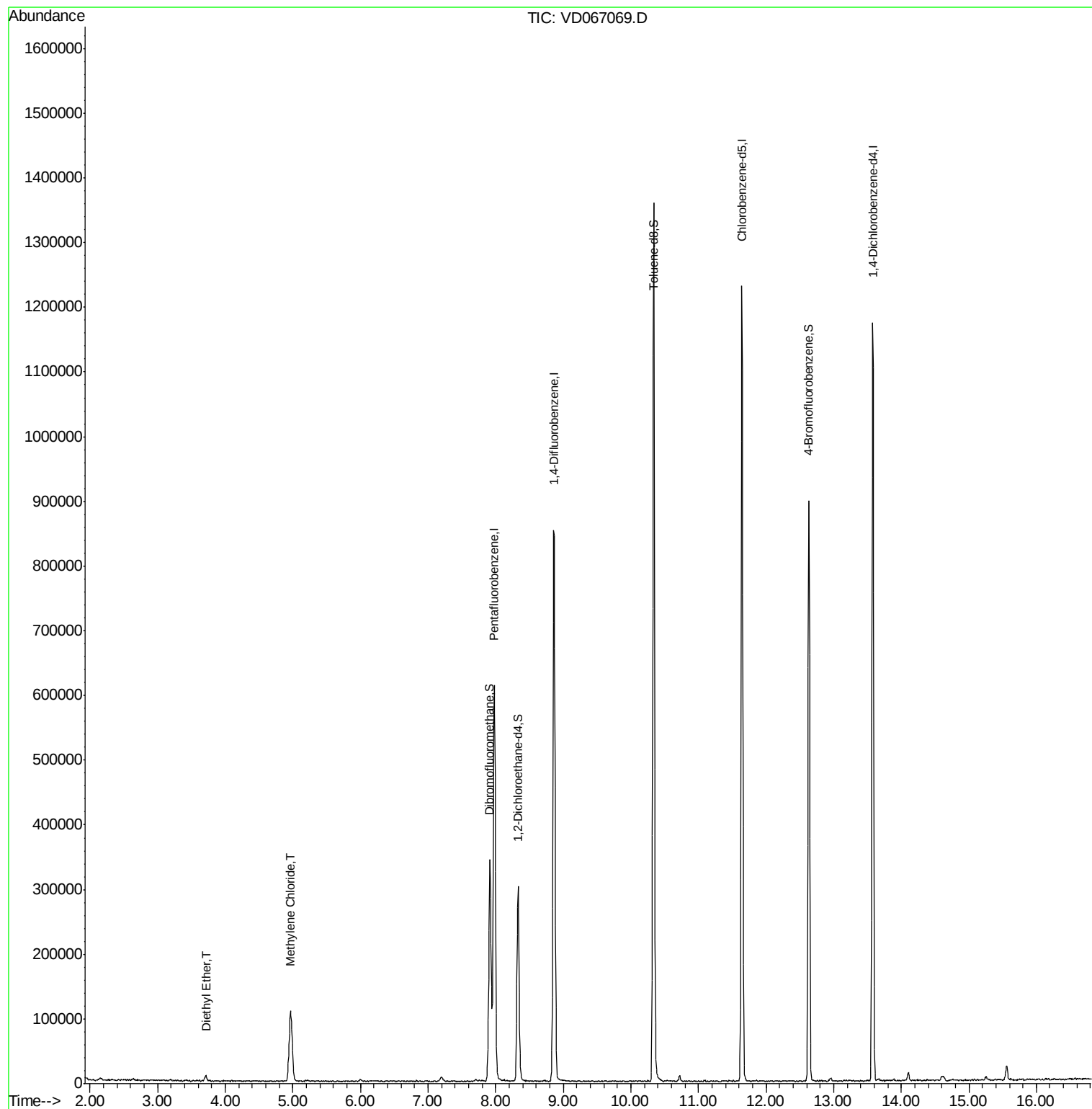
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	461903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	779271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	724529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	328732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	235421	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
35) Dibromofluoromethane	7.92	113	253926	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	10.34	98	917986	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.63	95	307349	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
Target Compounds						
8) Diethyl Ether	3.71	74	3942	1.940	ug/l	90
20) Methylene Chloride	4.97	84	91403	13.681	ug/l	96

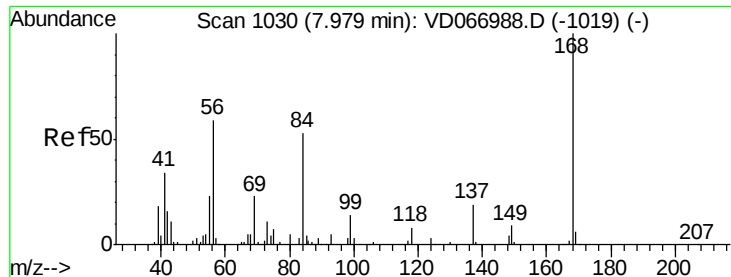
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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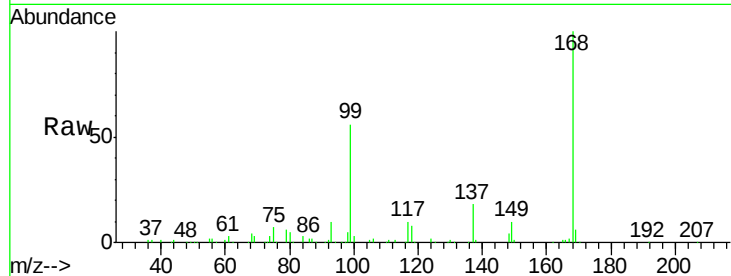




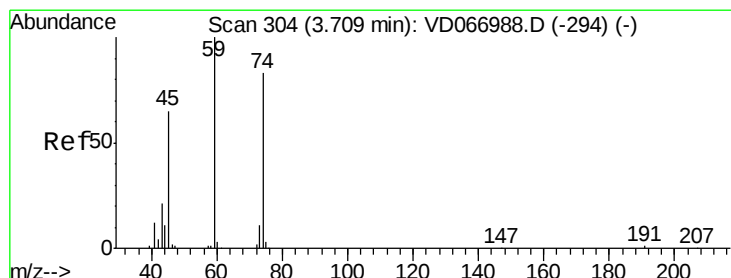
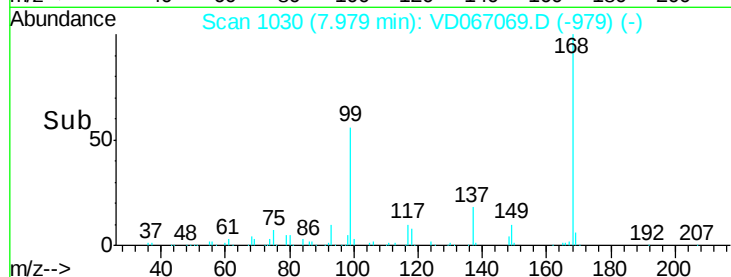
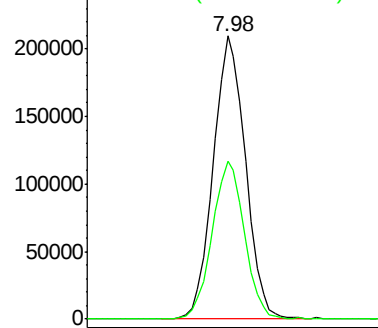
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD067069.D
Acq: 03 Oct 2020 07:56

Instrument :
MSVOA_D
ClientSampleId :
RBR-29

Tot Ion:168 Resp: 461903
Ion Ratio Lower Upper
168 100
99 55.8 44.1 66.1

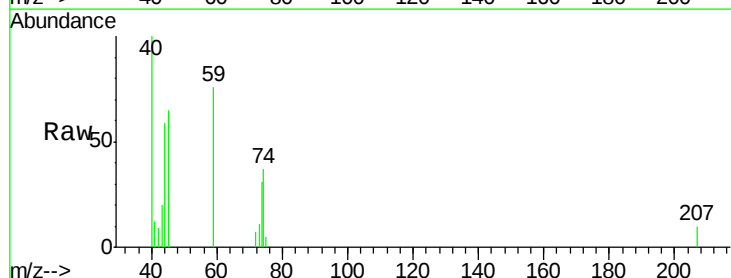


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

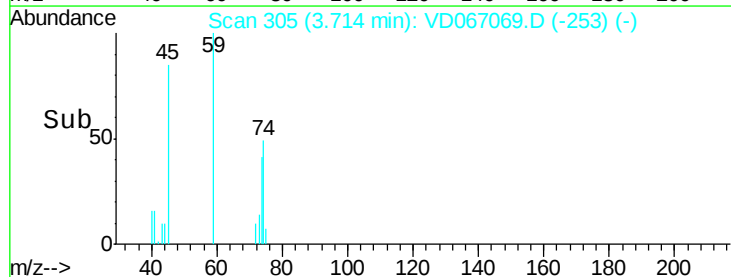
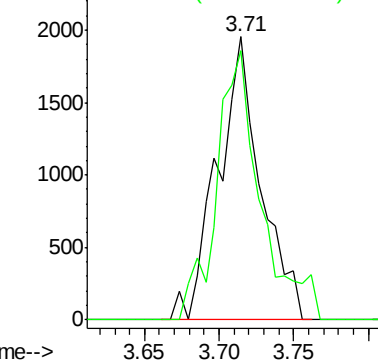


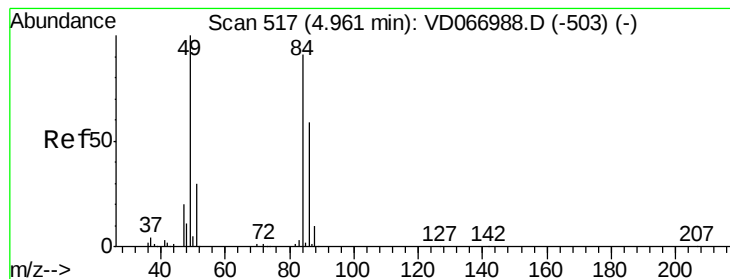
#8
Diethyl Ether
Concen: 1.940 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD067069.D
Acq: 03 Oct 2020 07:56

Tgt Ion: 74 Resp: 3942
Ion Ratio Lower Upper
74 100
45 95.7 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.00 (44.70 to 45.70): VDC





#20

Methylene Chloride

Concen: 13.681 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067069.D

Acq: 03 Oct 2020 07:56

Instrument :

MSVOA_D

ClientSampleID :

RBR-29

Tot Ion: 84 Resp: 91403

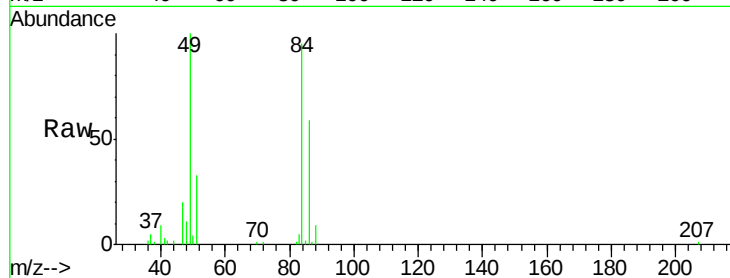
Ion Ratio Lower Upper

84 100

49 105.6 88.2 132.2

51 34.7 26.6 39.8

86 62.7 52.1 78.1

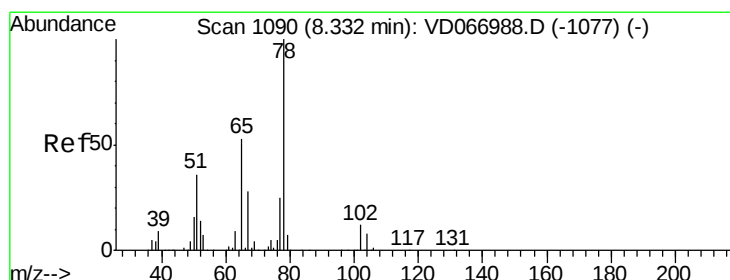
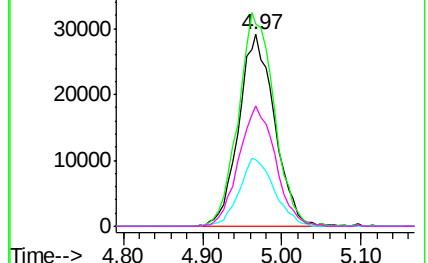
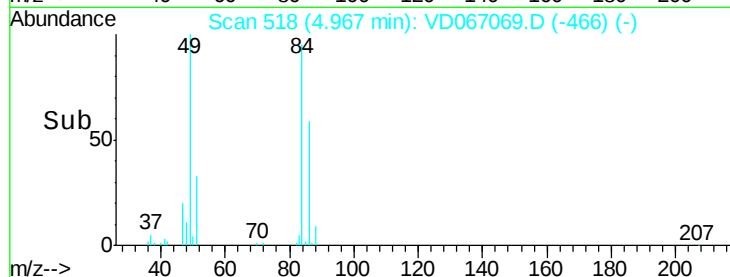


Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 52.915 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067069.D

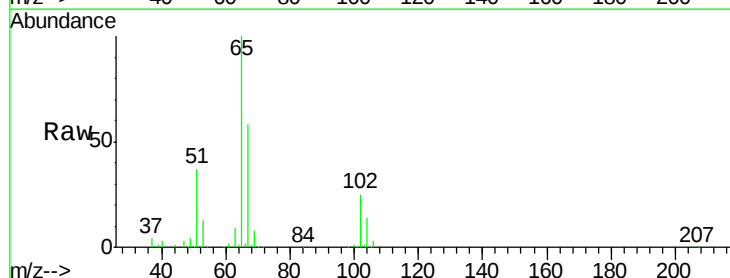
Acq: 03 Oct 2020 07:56

Tgt Ion: 65 Resp: 235421

Ion Ratio Lower Upper

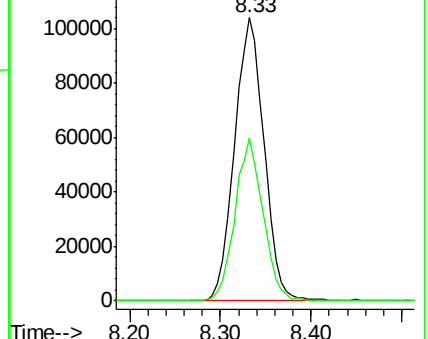
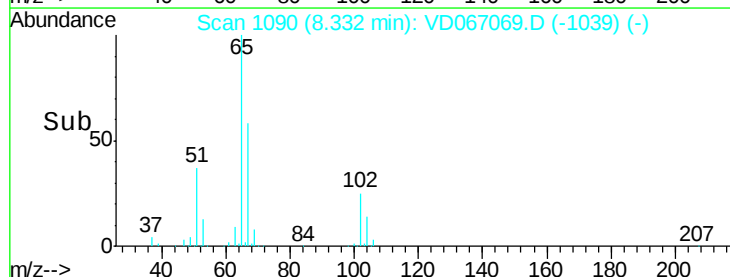
65 100

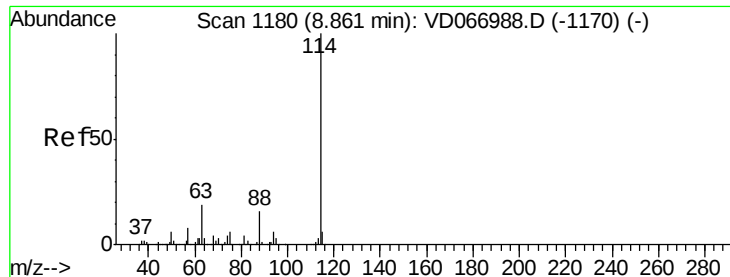
67 54.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

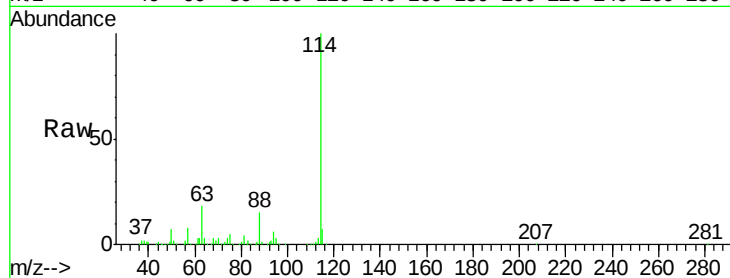




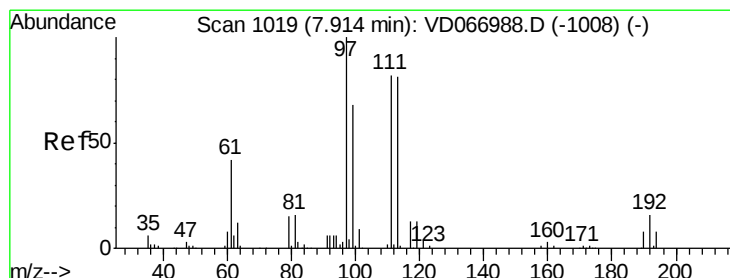
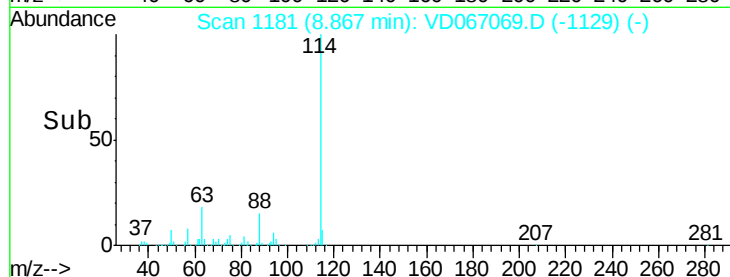
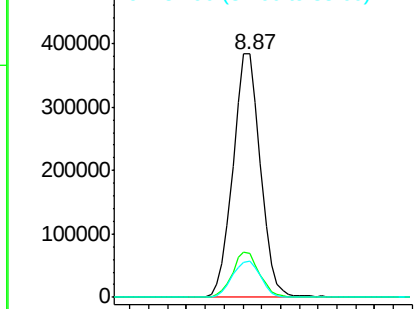
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067069.D
 Acq: 03 Oct 2020 07:56

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-29

Tot Ion:114 Resp: 779271
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 38.4
 88 14.9 0.0 31.2

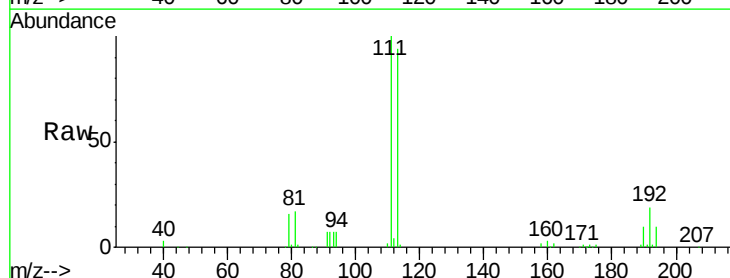


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

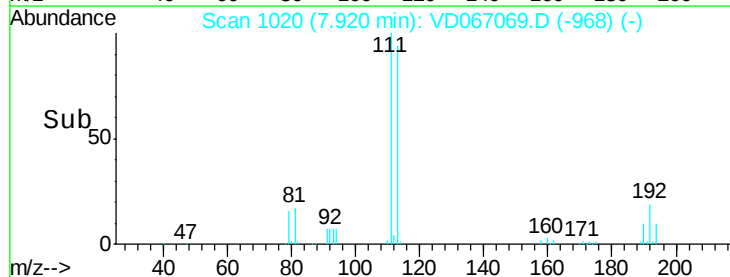
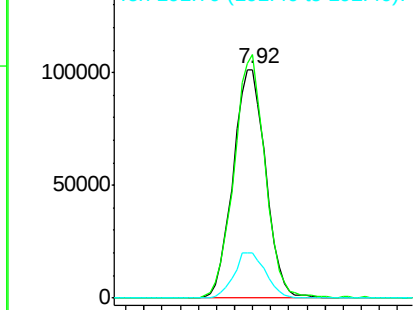


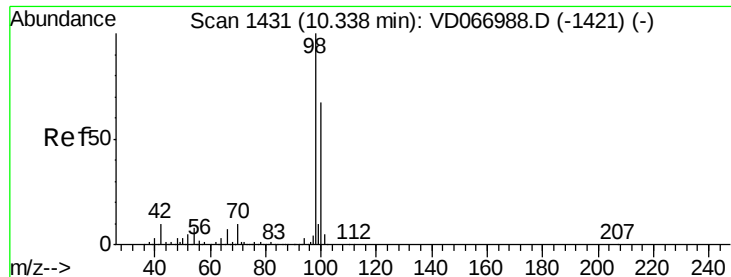
#35
 Dibromofluoromethane
 Concen: 49.772 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067069.D
 Acq: 03 Oct 2020 07:56

Tgt Ion:113 Resp: 253926
 Ion Ratio Lower Upper
 113 100
 111 101.1 83.0 124.4
 192 19.5 15.5 23.3



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

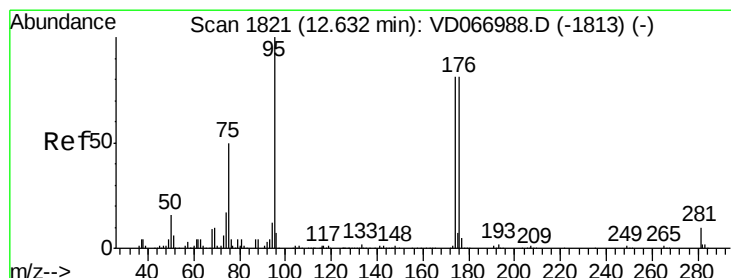
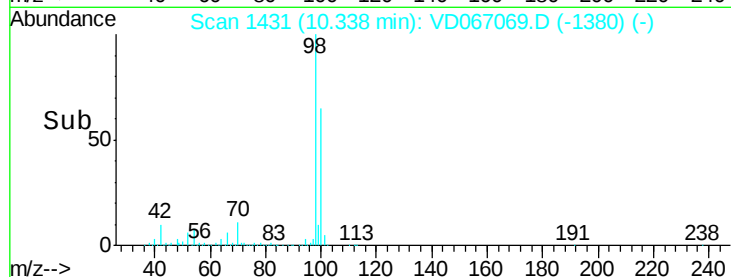
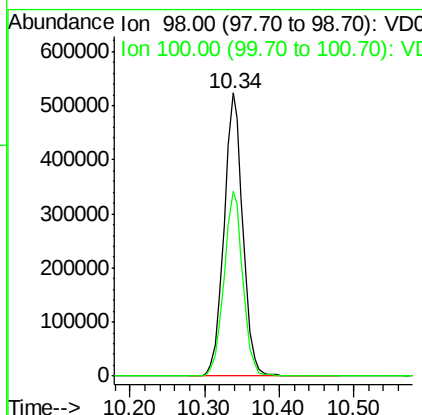
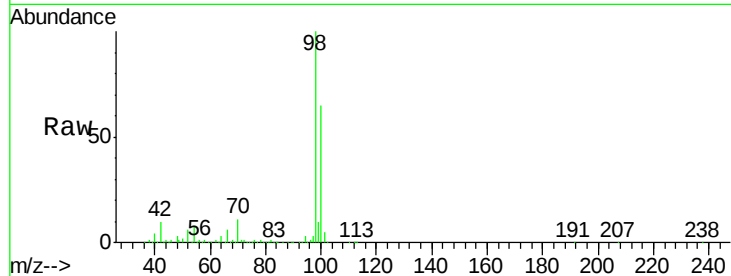




#50
Toluene-d8
Concen: 49.380 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067069.D
Acq: 03 Oct 2020 07:56

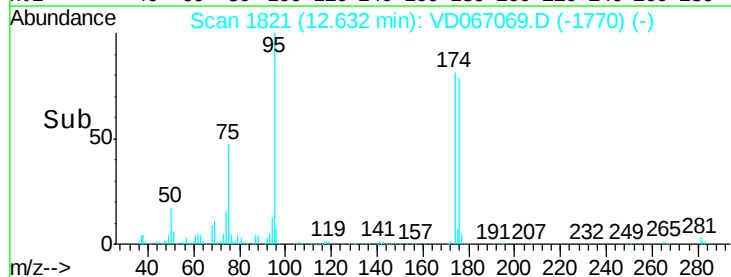
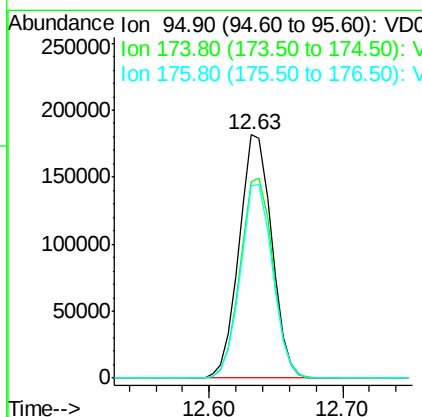
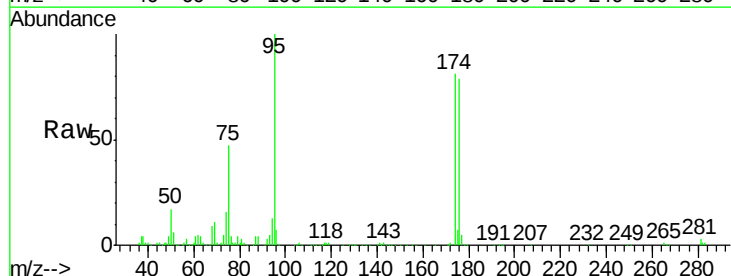
Instrument :
MSVOA_D
ClientSampleId :
RBR-29

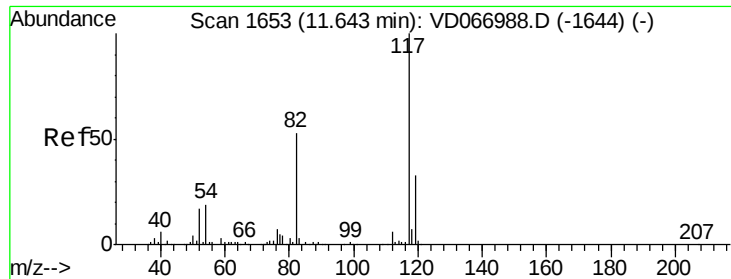
Tot Ion: 98 Resp: 917986
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 48.701 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067069.D
Acq: 03 Oct 2020 07:56

Tgt Ion: 95 Resp: 307349
Ion Ratio Lower Upper
95 100
174 82.4 0.0 167.6
176 78.6 0.0 162.4

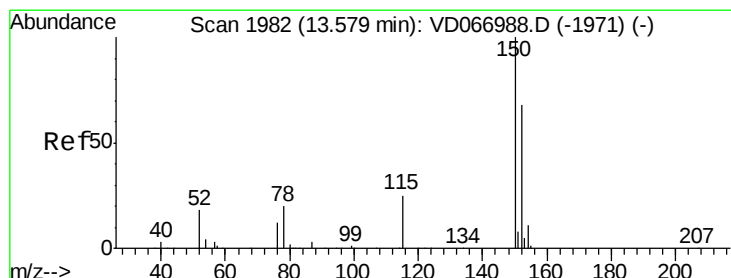
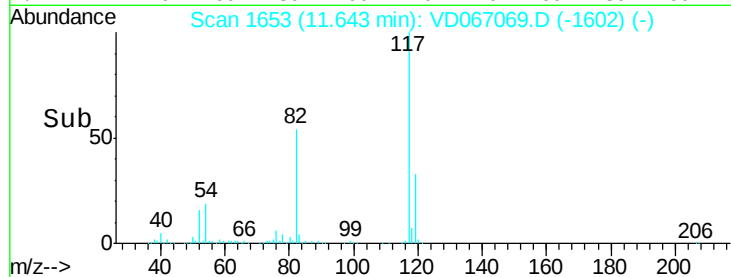
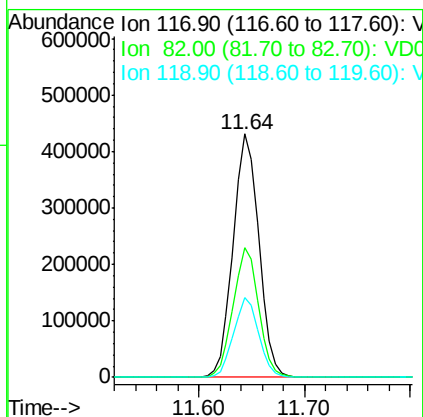
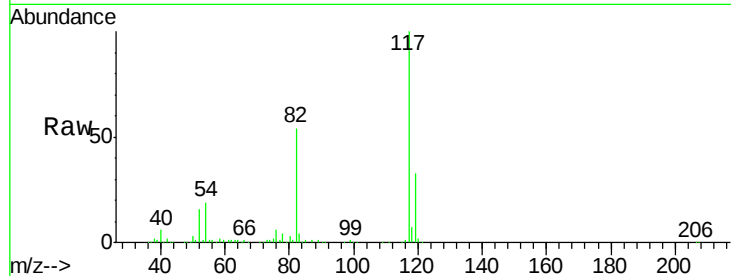




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067069.D
Acq: 03 Oct 2020 07:56

Instrument :
MSVOA_D
ClientSampled :
RBR-29

Tot Ion:117 Resp: 724529
Ion Ratio Lower Upper
117 100
82 53.5 42.6 63.8
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067069.D
Acq: 03 Oct 2020 07:56

Tgt Ion:152 Resp: 328732
Ion Ratio Lower Upper
152 100
115 57.9 29.6 88.8
150 157.7 0.0 344.8

