

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064827.D
 Acq On : 09 Jan 2020 20:19
 Operator : VA/SY
 Sample : L1070-01
 Misc : 6.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200030

Quant Time: Jan 10 06:12:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	33602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	50164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	49305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	21873	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	22595	76.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.52%	
35) Dibromofluoromethane	7.92	113	19569	63.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.16%	
50) Toluene-d8	10.34	98	59888	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.64	95	19503	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	

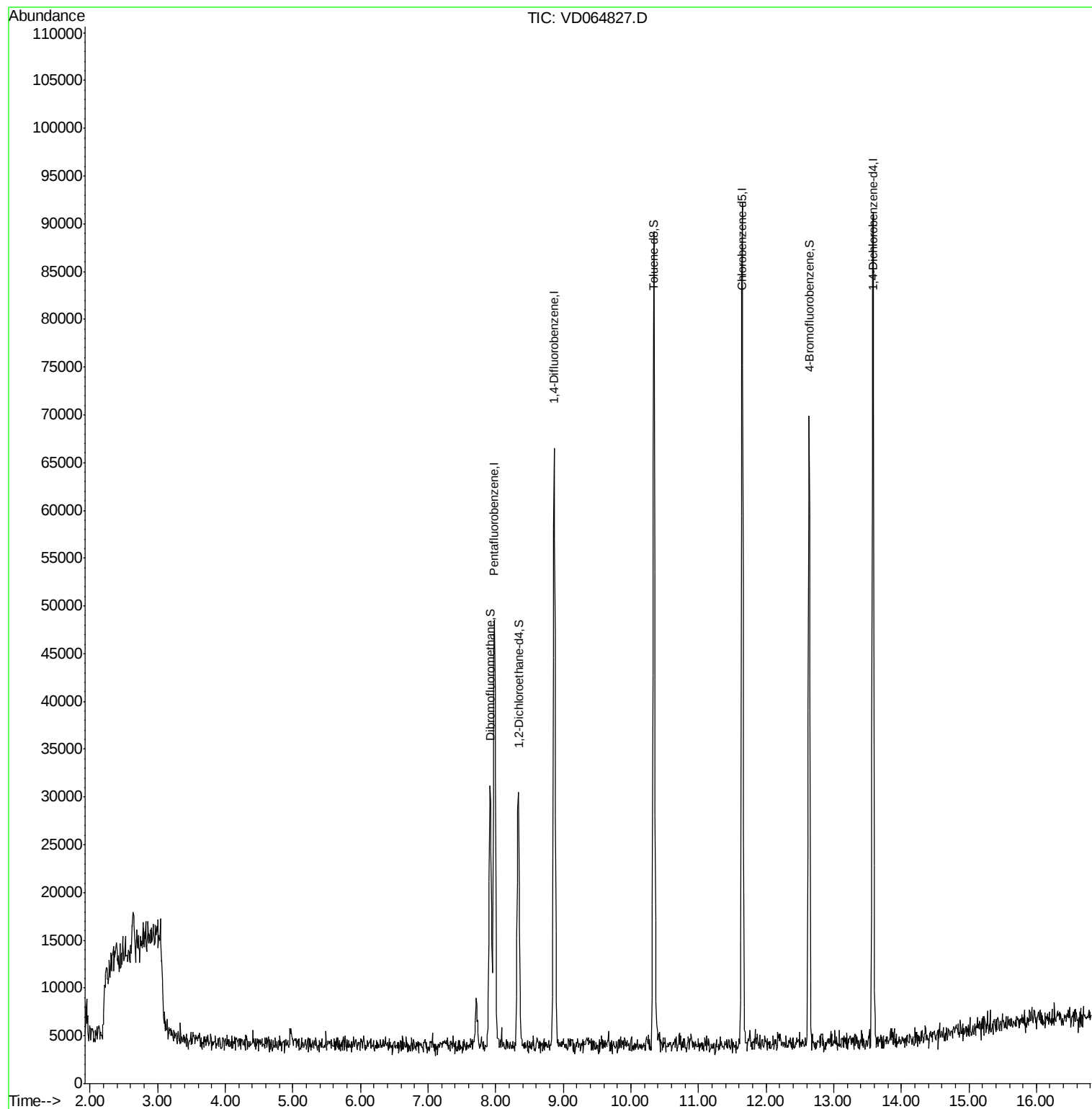
Target Compounds	Qvalue

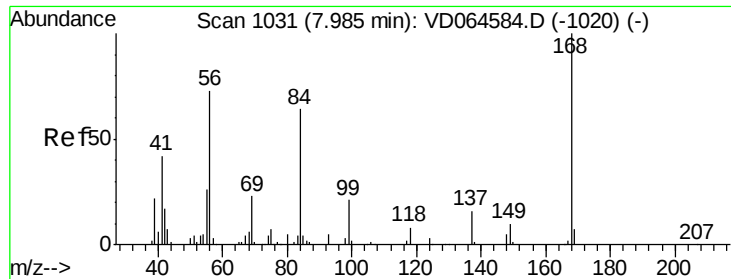
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064827.D

Acq: 09 Jan 2020 20:19

Instrument :

MSVOA_D

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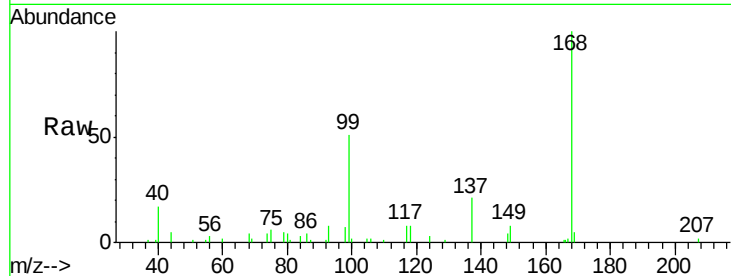
RBR-200030

Tot Ion:168 Resp: 33602

Ion Ratio Lower Upper

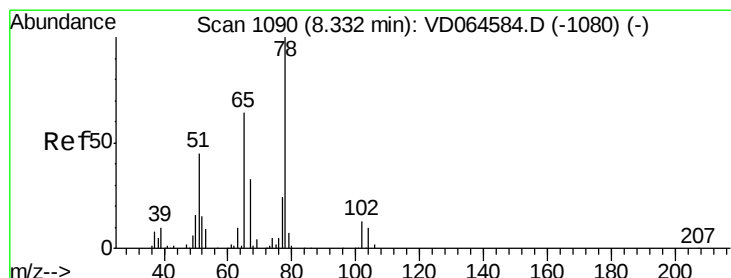
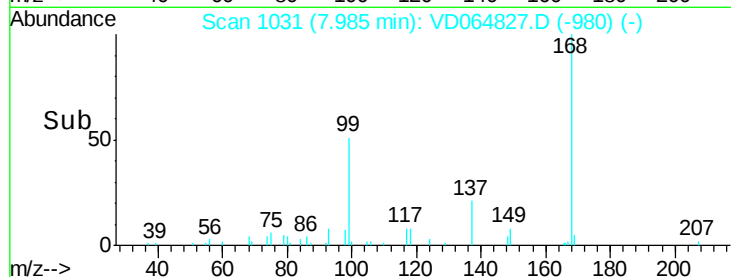
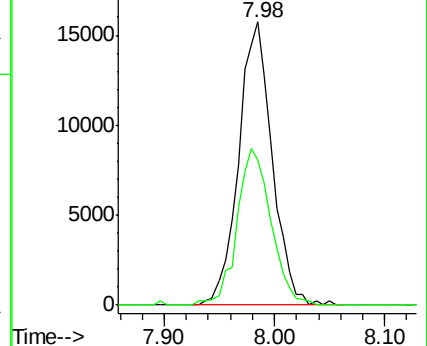
168 100

99 51.2 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 76.258 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064827.D

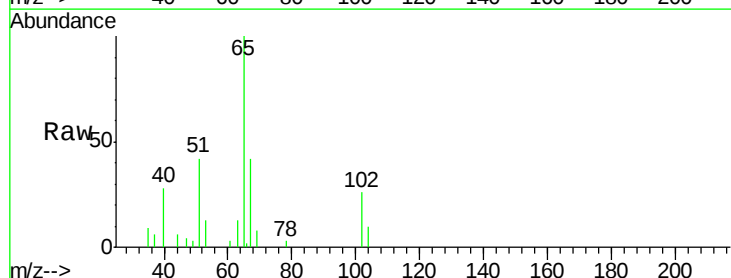
Acq: 09 Jan 2020 20:19

Tgt Ion: 65 Resp: 22595

Ion Ratio Lower Upper

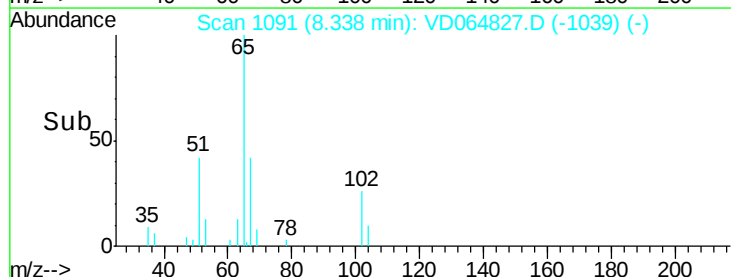
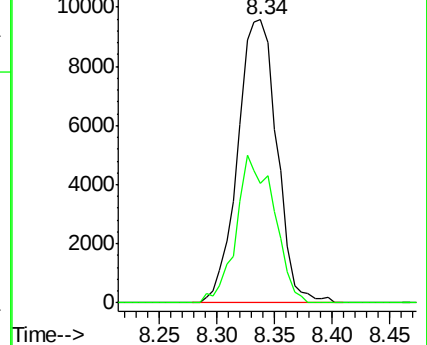
65 100

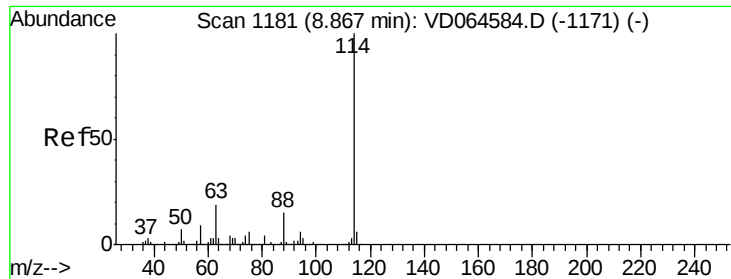
67 50.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

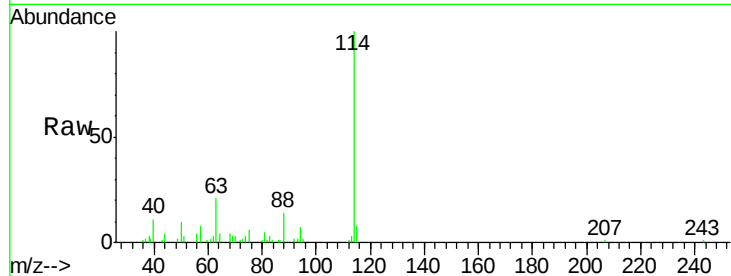




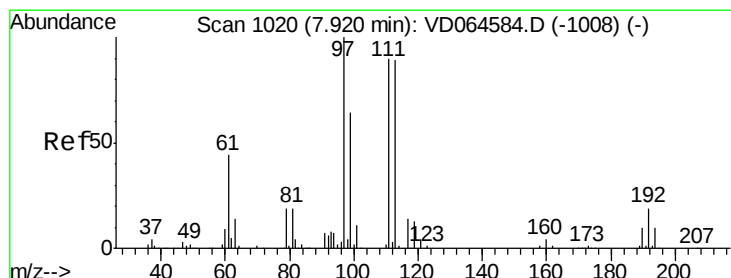
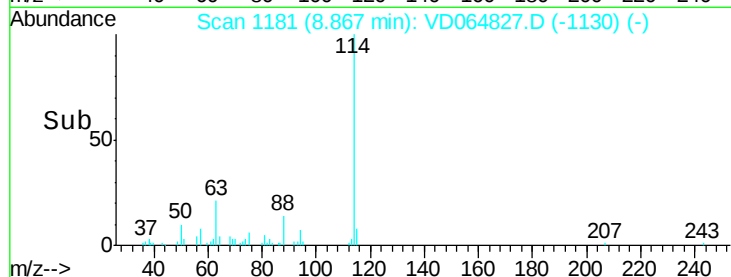
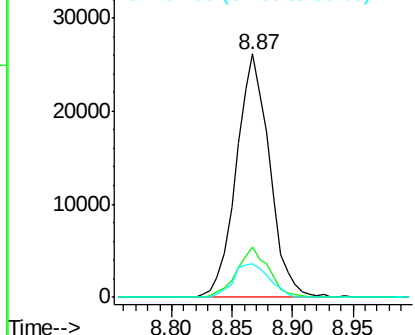
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064827.D
 Acq: 09 Jan 2020 20:19

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200030

Tot Ion:114 Resp: 50164
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.0
 88 13.9 0.0 29.2

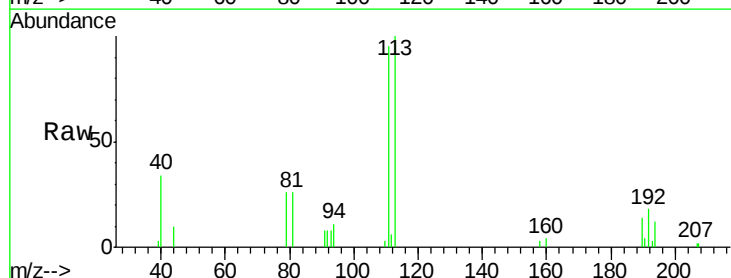


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

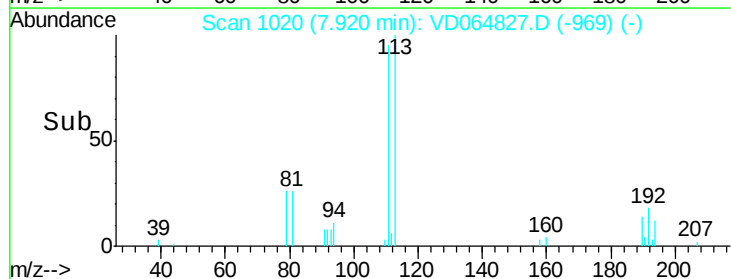
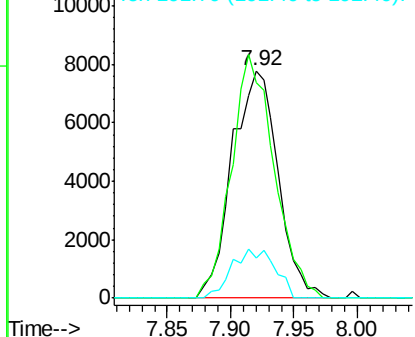


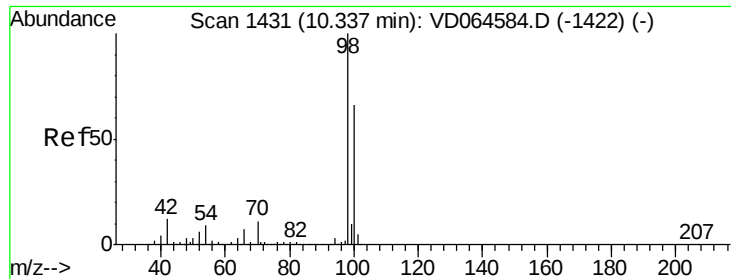
#35
 Dibromofluoromethane
 Concen: 63.584 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064827.D
 Acq: 09 Jan 2020 20:19

Tgt Ion:113 Resp: 19569
 Ion Ratio Lower Upper
 113 100
 111 99.6 80.6 121.0
 192 20.1 17.9 26.9



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

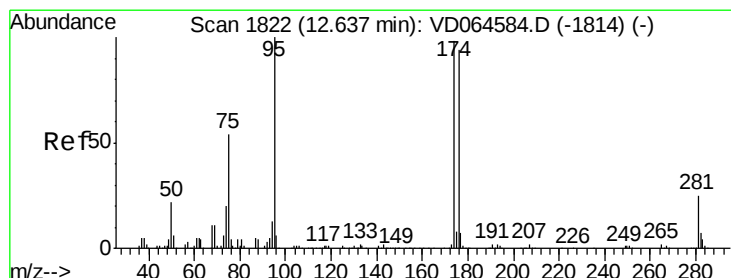
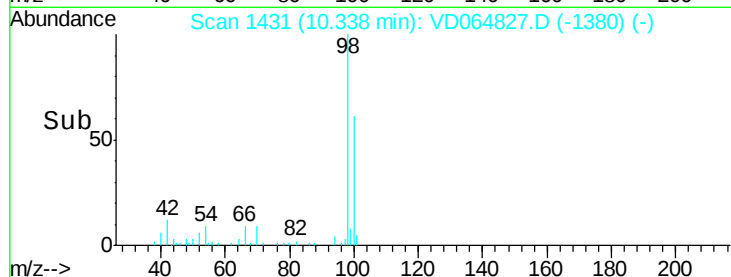
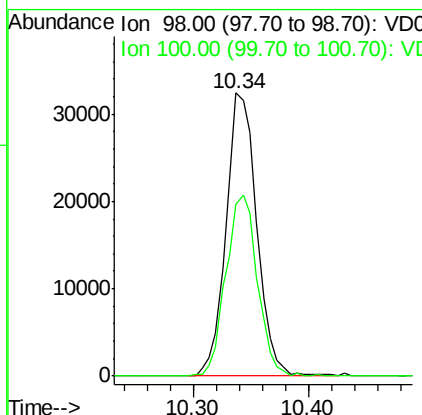
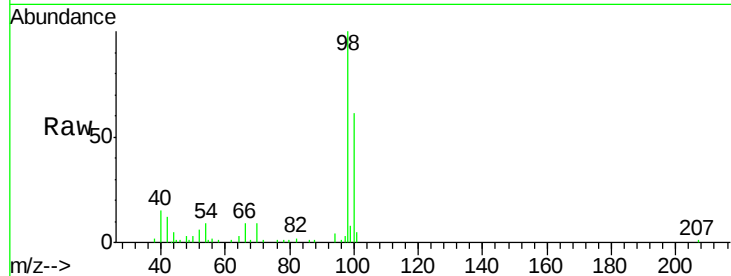




#50
Toluene-d8
Concen: 50.808 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064827.D
Acq: 09 Jan 2020 20:19

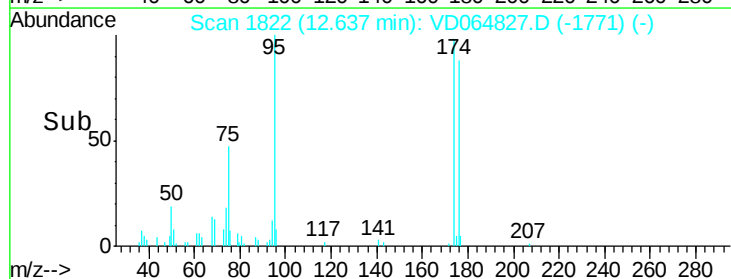
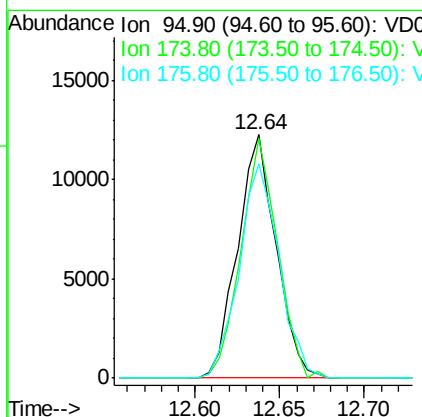
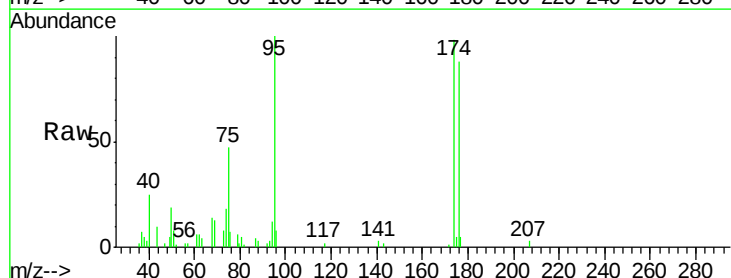
Instrument :
MSVOA_D
ClientSampleId :
RBR-200030

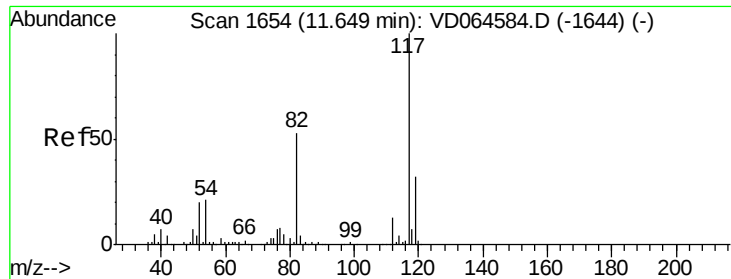
Tot Ion: 98 Resp: 59888
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 52.326 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064827.D
Acq: 09 Jan 2020 20:19

Tgt Ion: 95 Resp: 19503
Ion Ratio Lower Upper
95 100
174 93.8 0.0 193.2
176 91.0 0.0 184.2

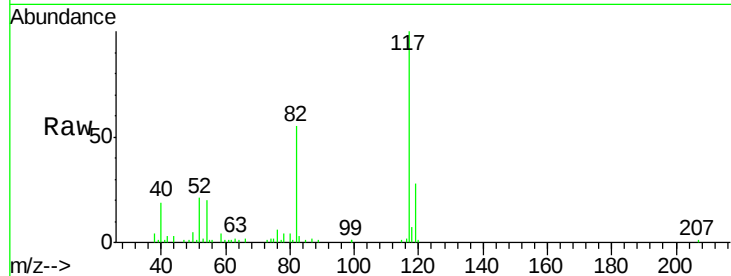




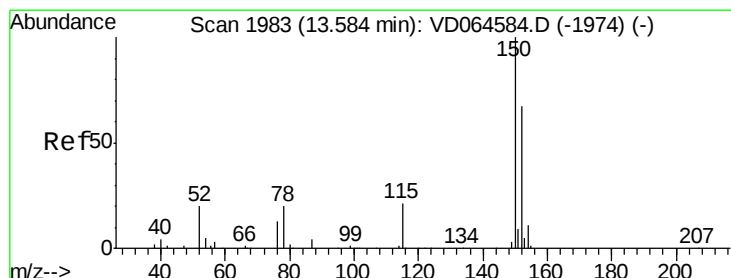
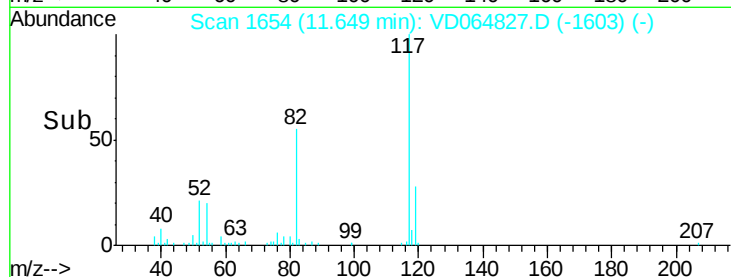
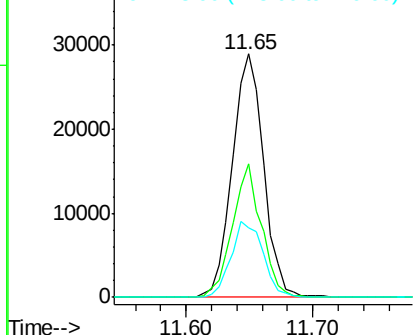
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064827.D
Acq: 09 Jan 2020 20:19

Instrument :
MSVOA_D
ClientSampleId :
RBR-200030

Tot Ion:117 Resp: 49305
Ion Ratio Lower Upper
117 100
82 54.7 42.2 63.4
119 28.4 26.0 39.0

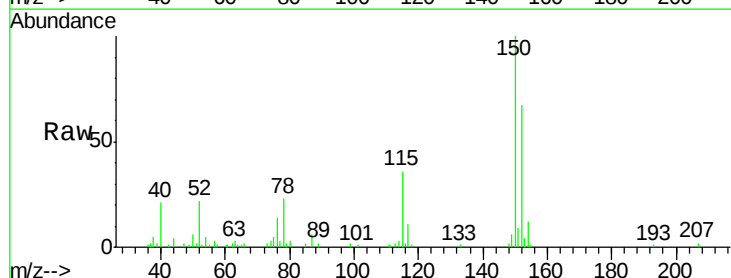


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064827.D
Acq: 09 Jan 2020 20:19

Tgt Ion:152 Resp: 21873
Ion Ratio Lower Upper
152 100
115 60.5 27.8 83.4
150 170.4 0.0 351.4



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

