

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067528.D
 Acq On : 04 Nov 2020 18:50
 Operator : VA/SY
 Sample : L4591-01RE
 Misc : 6.71G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-110320RE

Quant Time: Nov 05 01:40:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	293138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	470354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	478862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	219947	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	151212	58.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.98%	
35) Dibromofluoromethane	7.92	113	154263	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	
50) Toluene-d8	10.34	98	557194	55.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.90%	
62) 4-Bromofluorobenzene	12.64	95	203915	59.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.62%	

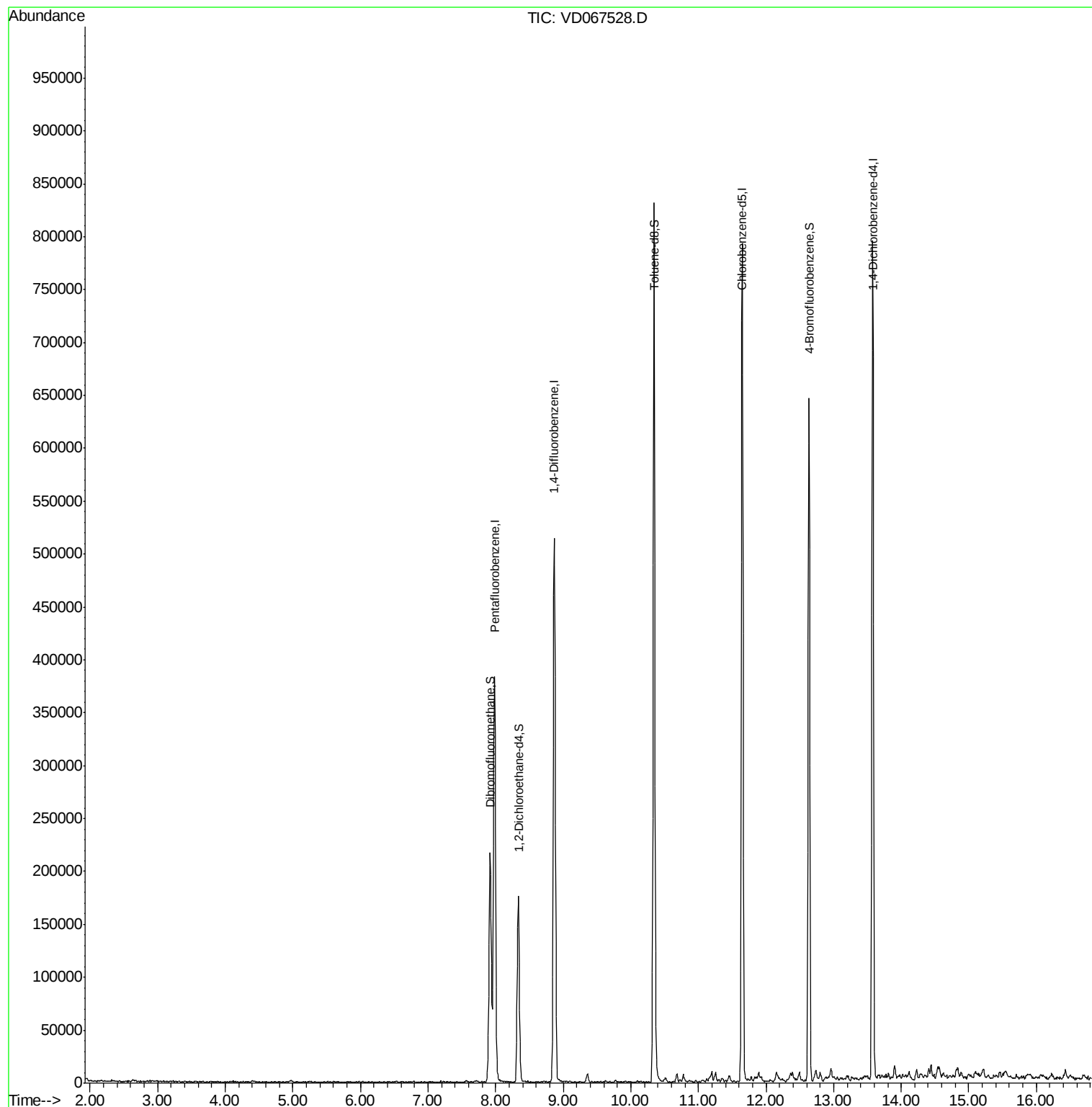
Target Compounds	Qvalue
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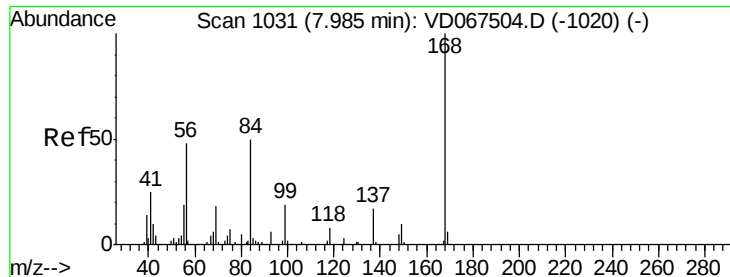
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

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Acq: 04 Nov 2020 18:50

Instrument :

MSVOA_D

ClientSampleId :

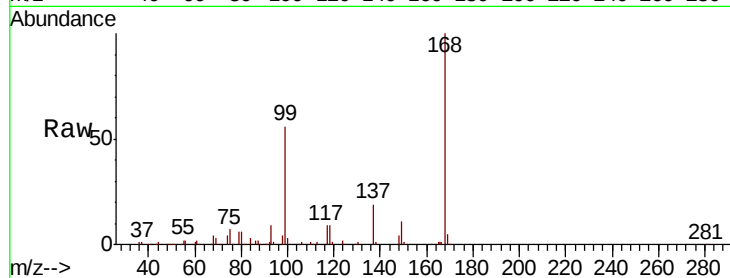
OK-01-110320RE

Tot Ion:168 Resp: 293138

Ion Ratio Lower Upper

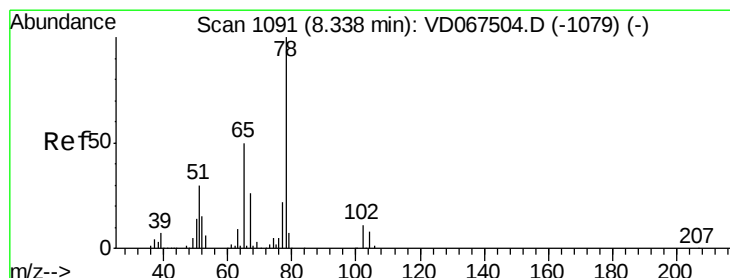
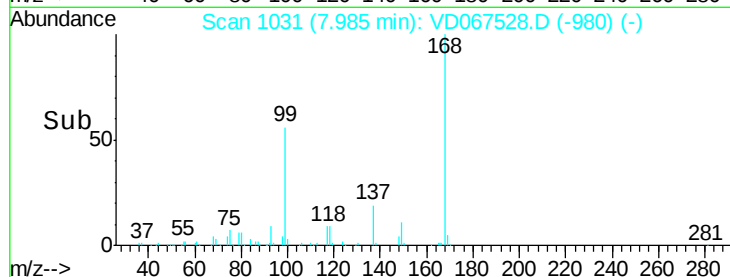
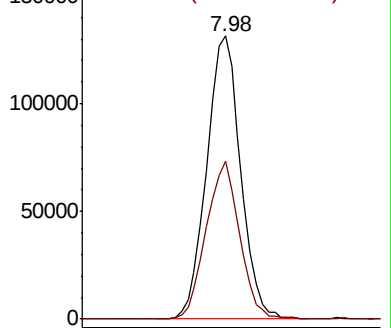
168 100

99 56.0 45.0 67.6



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: 58.994 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067528.D

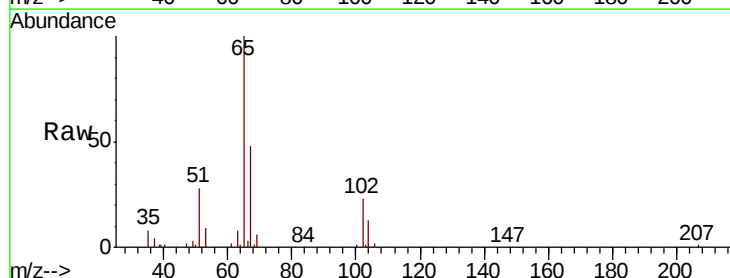
Acq: 04 Nov 2020 18:50

Tgt Ion: 65 Resp: 151212

Ion Ratio Lower Upper

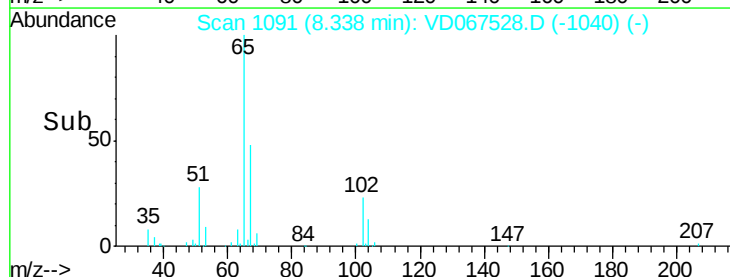
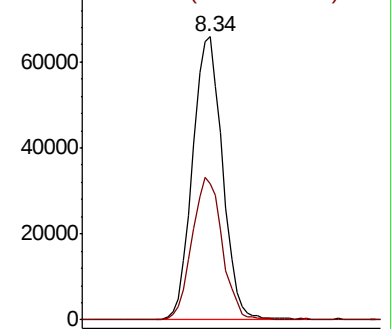
65 100

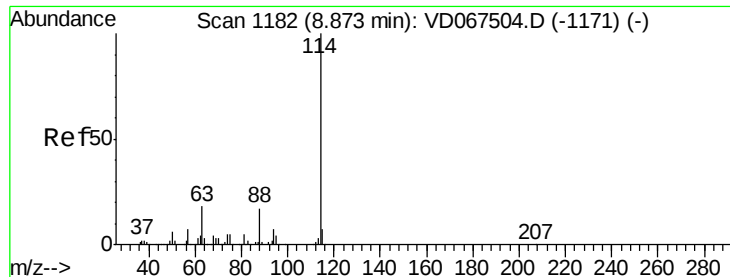
67 50.8 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

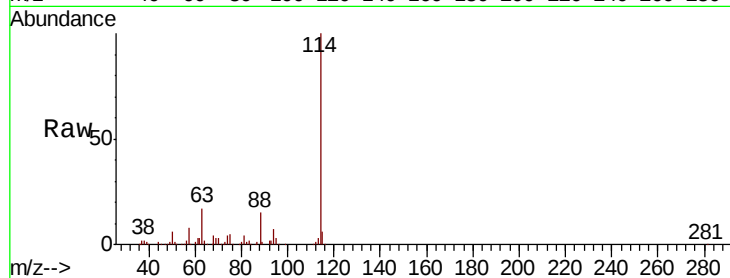




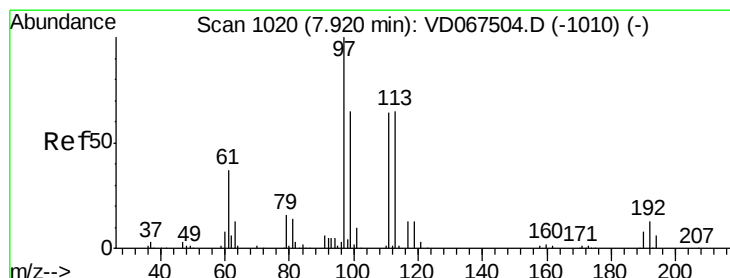
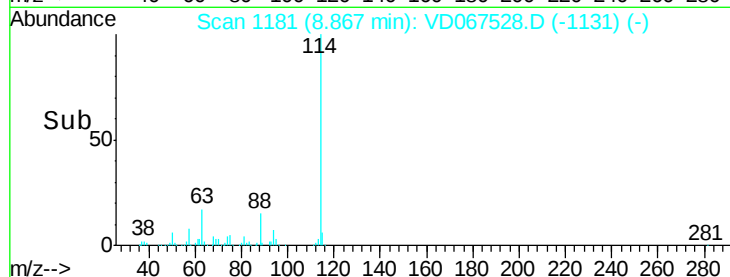
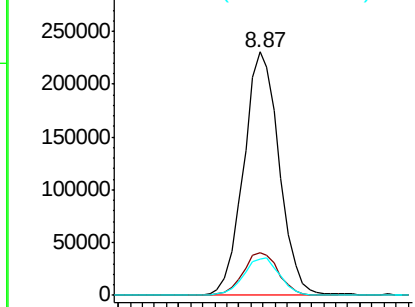
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067528.D
 Acq: 04 Nov 2020 18:50

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-110320RE

Tot Ion:114 Resp: 470354
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.0
 88 14.9 0.0 33.0

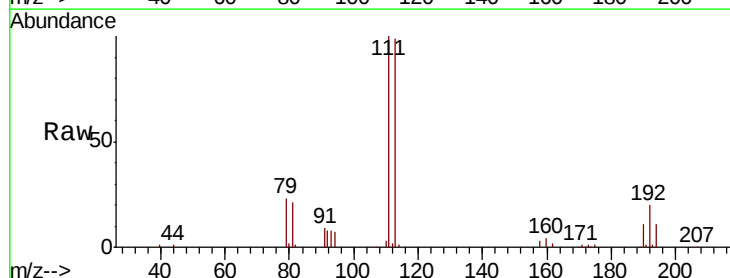


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

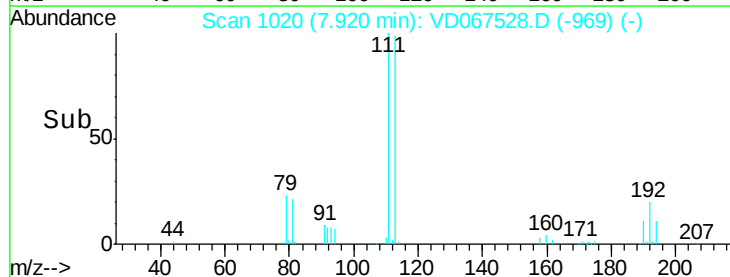
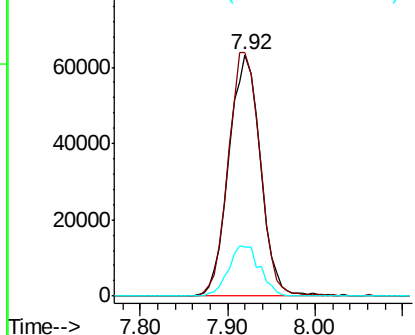


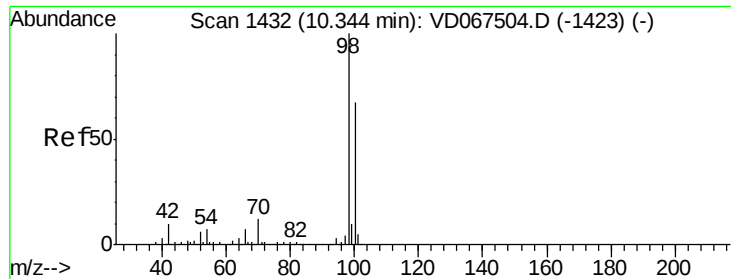
#35
 Dibromofluoromethane
 Concen: 54.435 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067528.D
 Acq: 04 Nov 2020 18:50

Tgt Ion:113 Resp: 154263
 Ion Ratio Lower Upper
 113 100
 111 102.0 80.0 120.0
 192 20.7 16.3 24.5



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: 55.949 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067528.D

Acq: 04 Nov 2020 18:50

Instrument :

MSVOA_D

ClientSampleId :

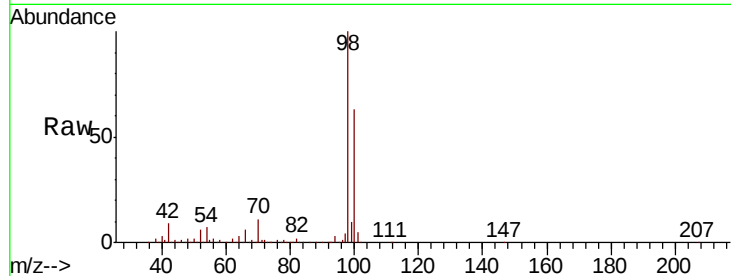
OK-01-110320RE

Tot Ion: 98 Resp: 557194

Ion Ratio Lower Upper

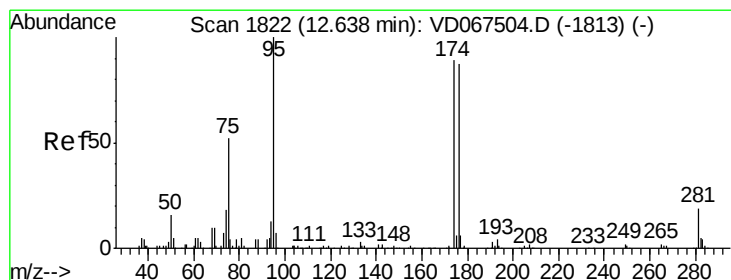
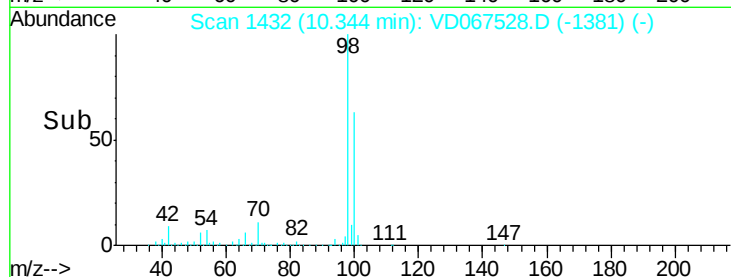
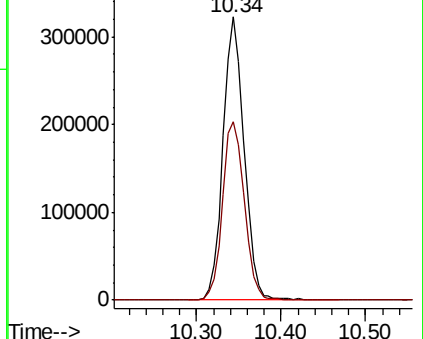
98 100

100 65.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 59.307 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067528.D

Acq: 04 Nov 2020 18:50

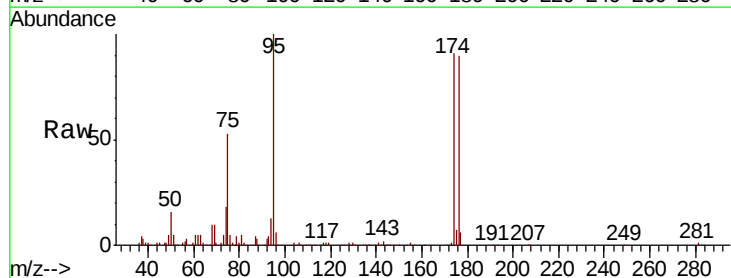
Tgt Ion: 95 Resp: 203915

Ion Ratio Lower Upper

95 100

174 89.5 0.0 177.8

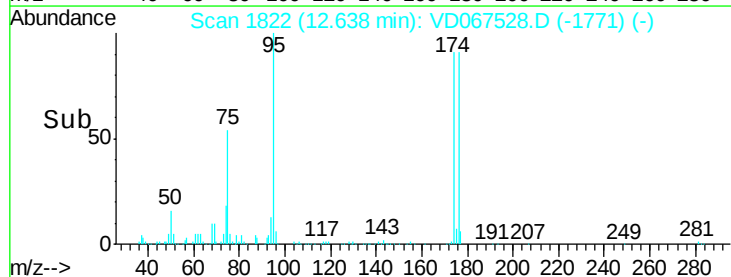
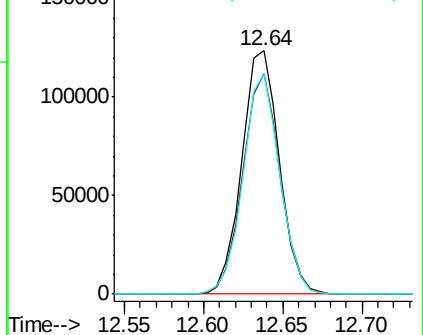
176 88.3 0.0 172.0

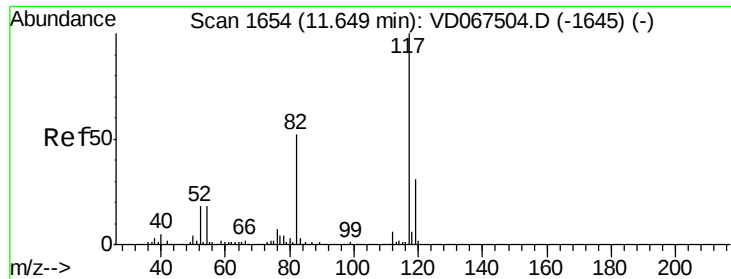


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

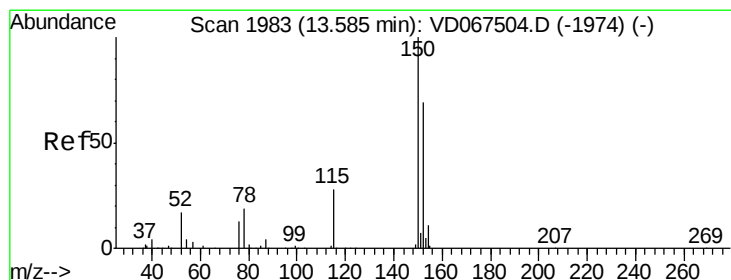
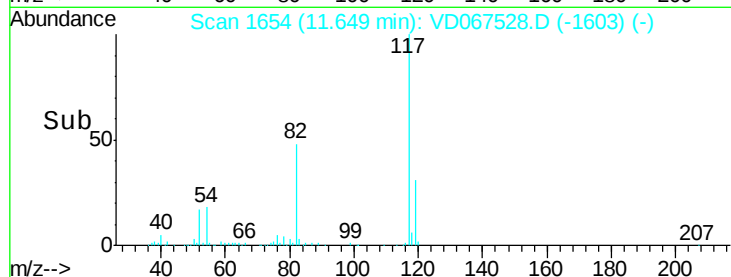
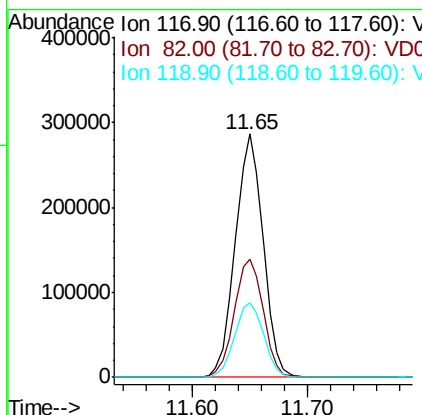
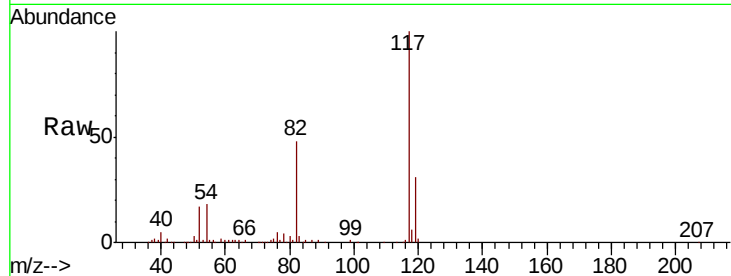




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067528.D
Acq: 04 Nov 2020 18:50

Instrument :
MSVOA_D
ClientSampleId :
OK-01-110320RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.4	41.6	62.4
119	30.8	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067528.D
Acq: 04 Nov 2020 18:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.3	88.0
150	157.9	0.0	338.2

