

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067516.D
 Acq On : 04 Nov 2020 13:21
 Operator : VA/SY
 Sample : L4591-01
 Misc : 7.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-110320

Quant Time: Nov 05 01:17:35 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	287476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	479652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	476426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	209800	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	154077	61.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.60%	
35) Dibromofluoromethane	7.92	113	153095	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
50) Toluene-d8	10.34	98	564536	55.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.18%	
62) 4-Bromofluorobenzene	12.64	95	203641	58.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.16%	

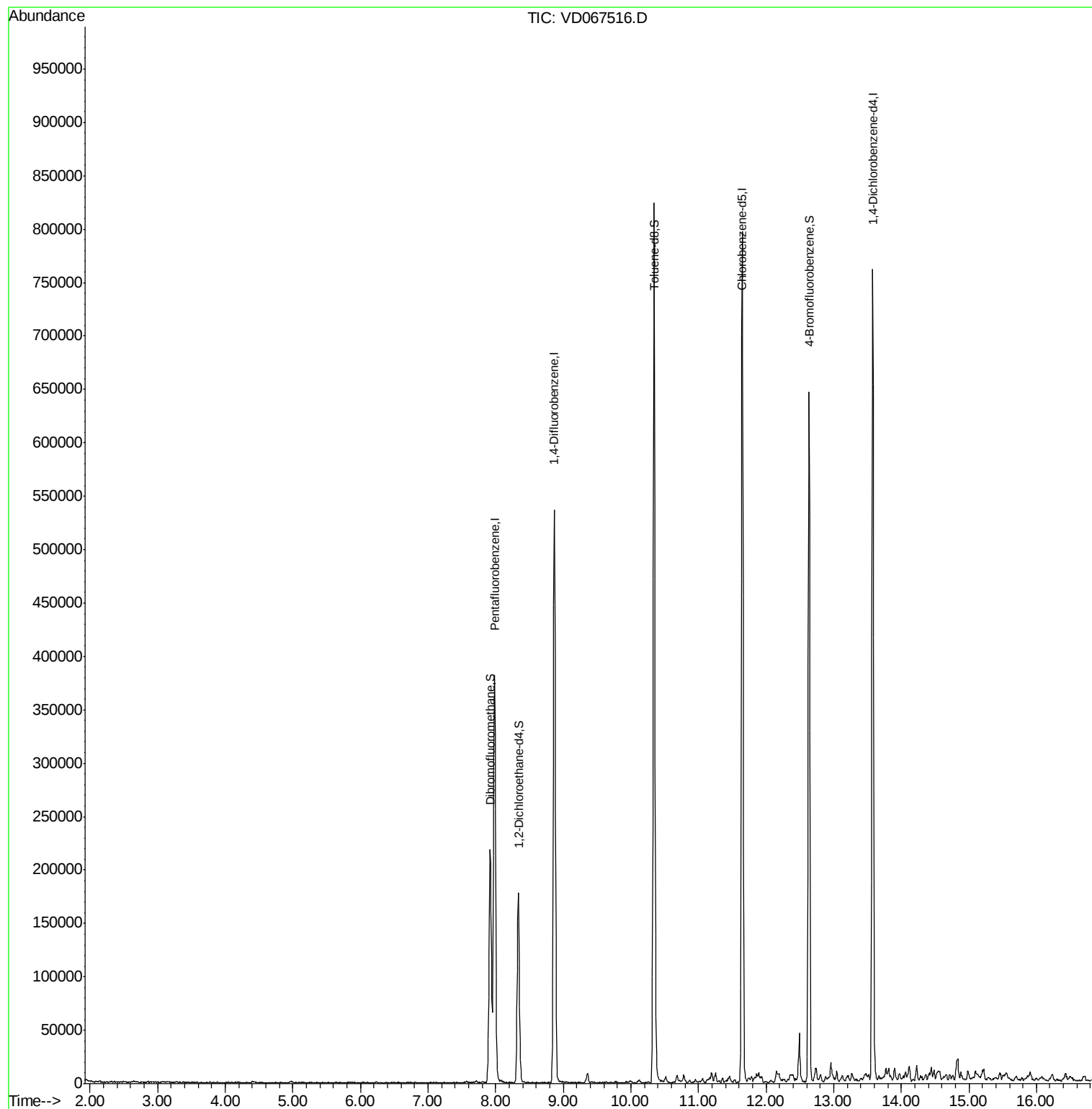
Target Compounds	Qvalue

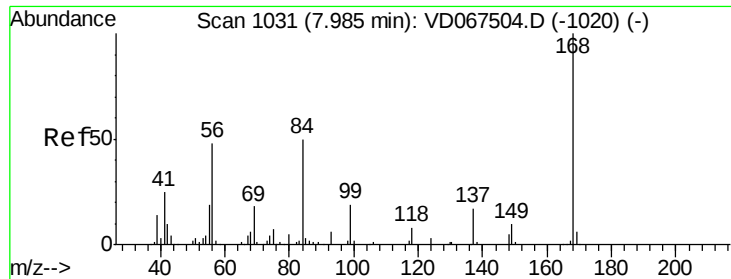
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067516.D

Acq: 04 Nov 2020 13:21

Instrument :

MSVOA_D

ClientSampleId :

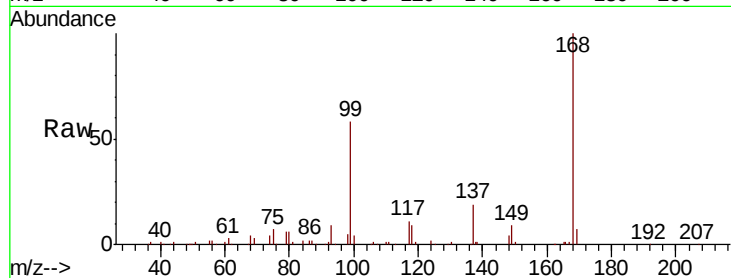
OK-01-110320

Tot Ion:168 Resp: 287476

Ion Ratio Lower Upper

168 100

99 57.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

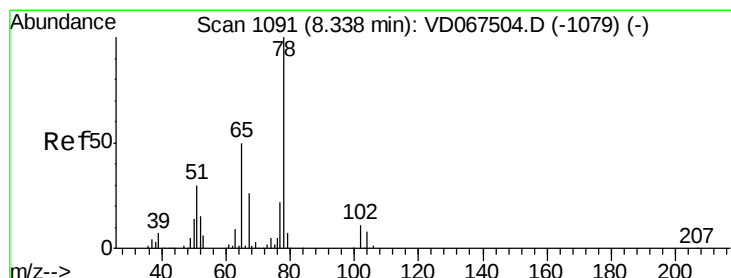
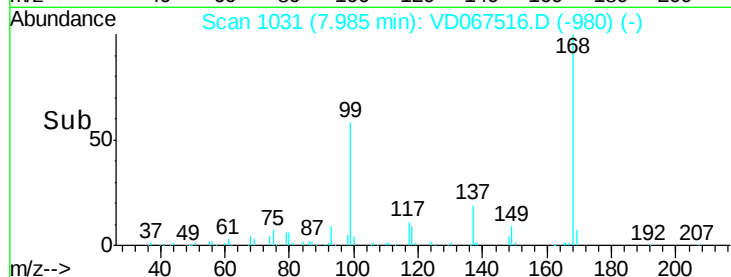
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 61.296 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067516.D

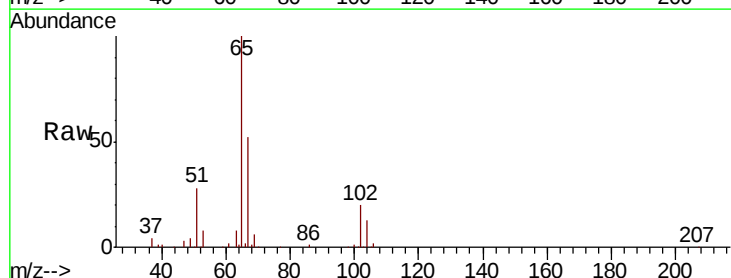
Acq: 04 Nov 2020 13:21

Tgt Ion: 65 Resp: 154077

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

60000

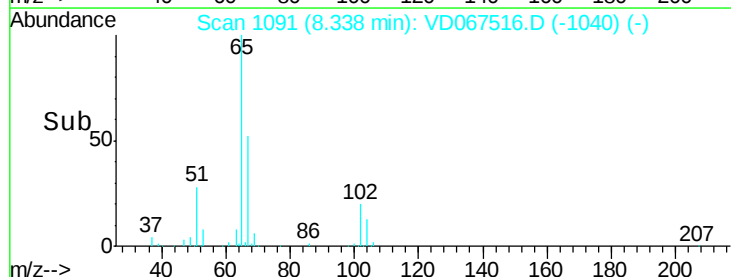
40000

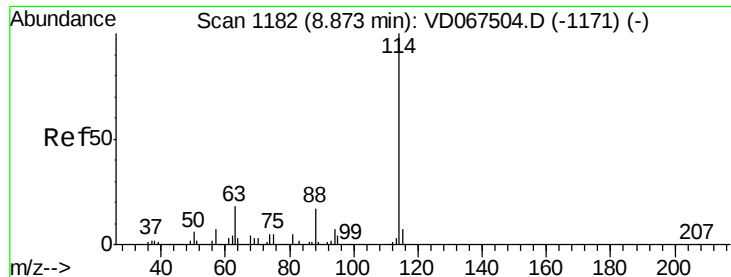
20000

0

Time-->

8.25 8.30 8.35 8.40

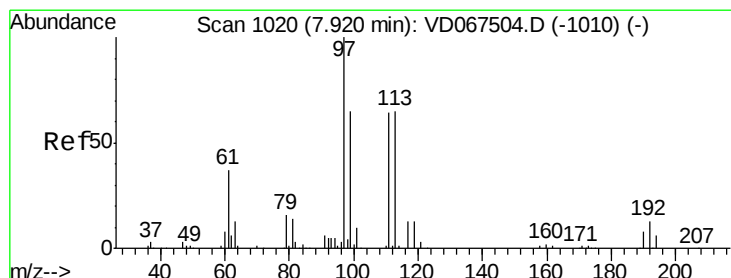
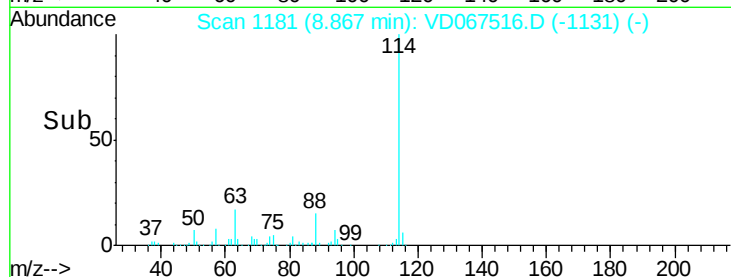
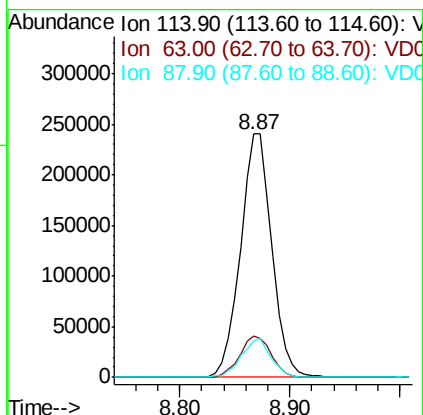
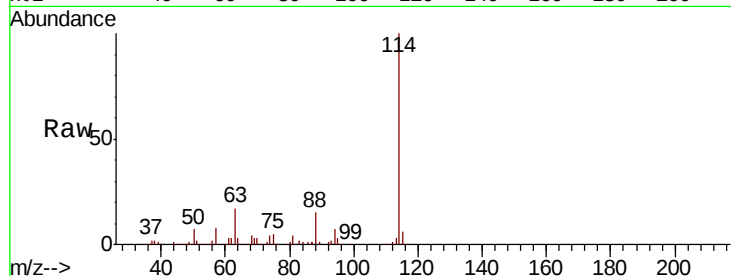




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067516.D
 Acq: 04 Nov 2020 13:21

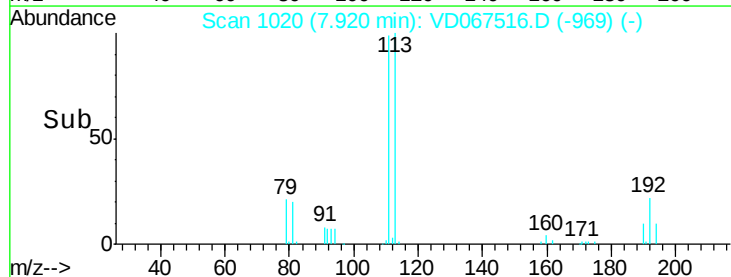
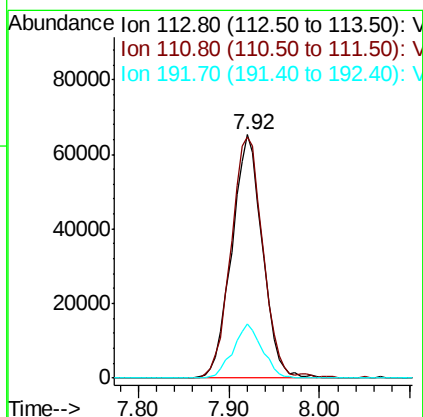
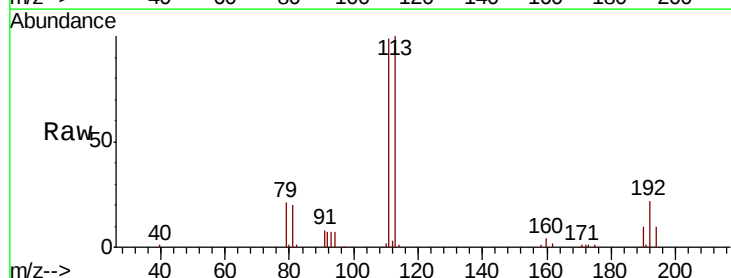
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-110320

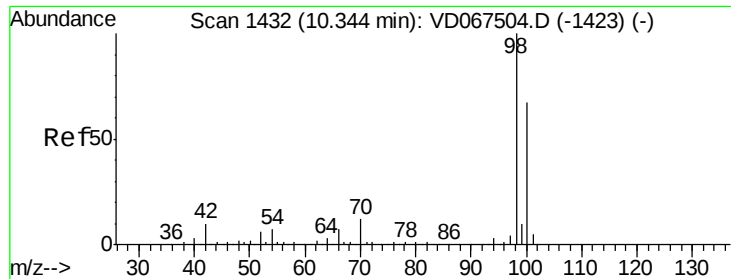
Tot Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	35.0
88	14.8	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 52.976 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067516.D
 Acq: 04 Nov 2020 13:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.0	120.0
192	21.3	16.3	24.5

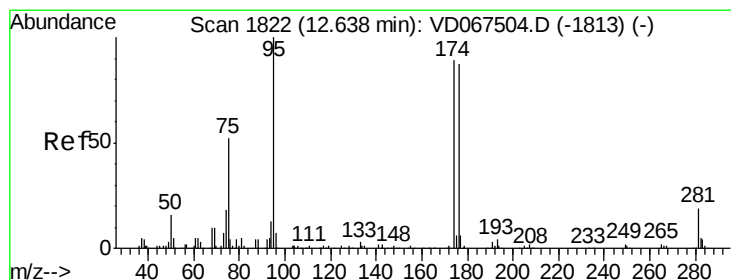
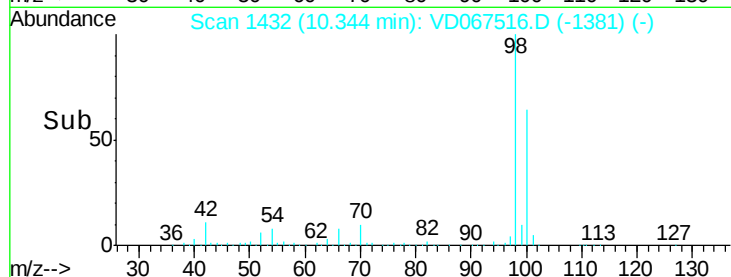
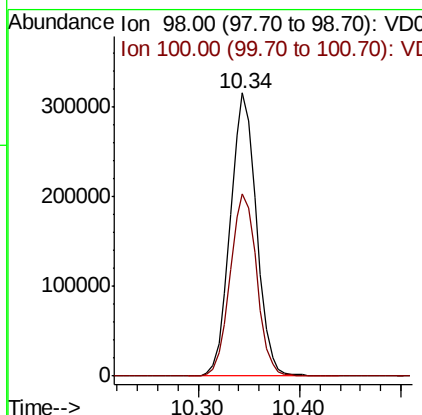
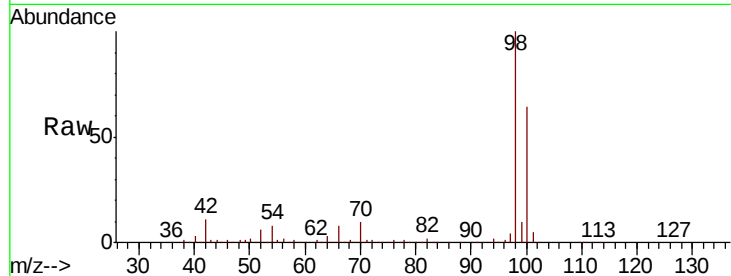




#50
Toluene-d8
Concen: 55.588 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067516.D
Acq: 04 Nov 2020 13:21

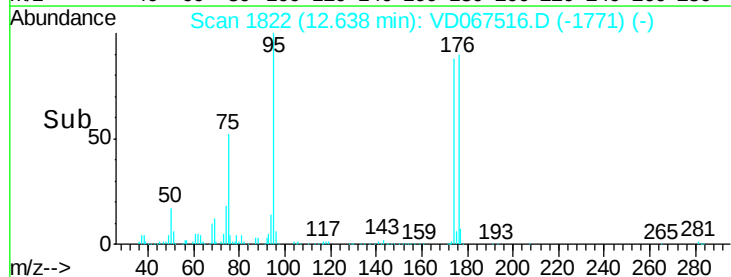
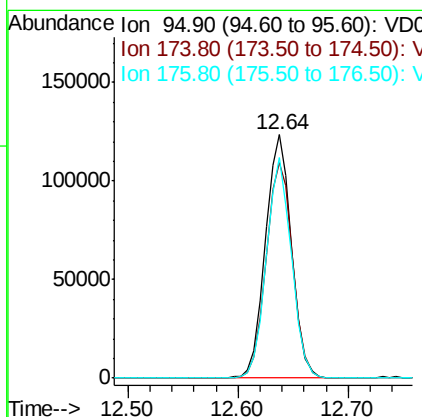
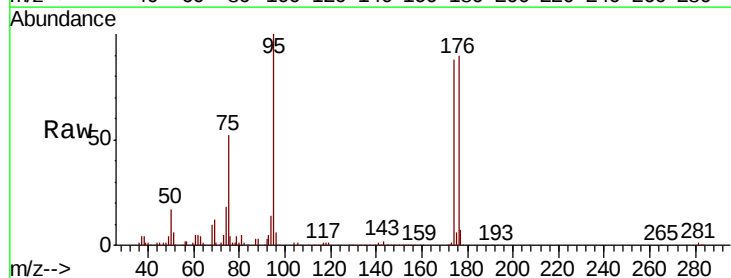
Instrument :
MSVOA_D
ClientSampleId :
OK-01-110320

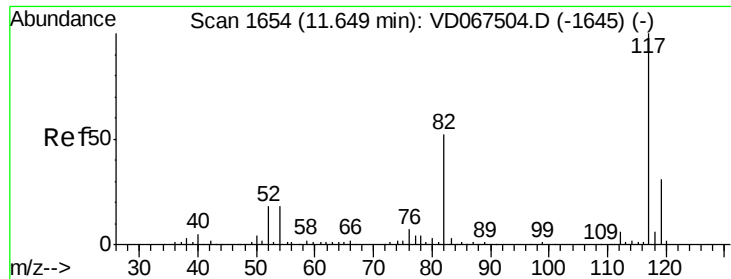
Tot Ion: 98 Resp: 564536
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 58.080 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067516.D
Acq: 04 Nov 2020 13:21

Tgt Ion: 95 Resp: 203641
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.8
176 87.0 0.0 172.0

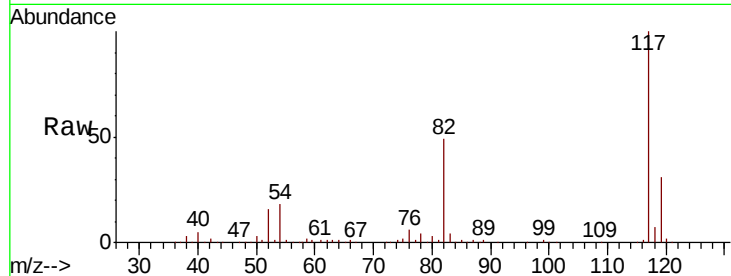




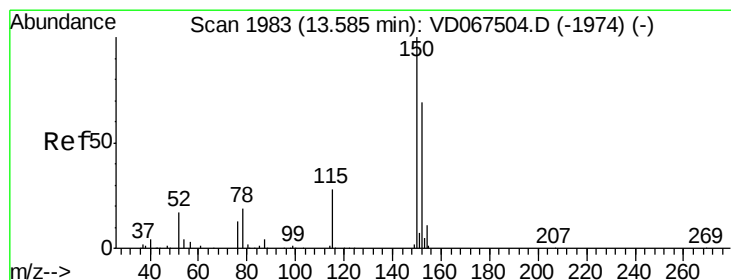
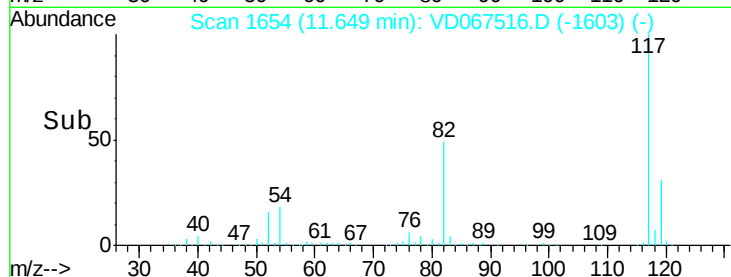
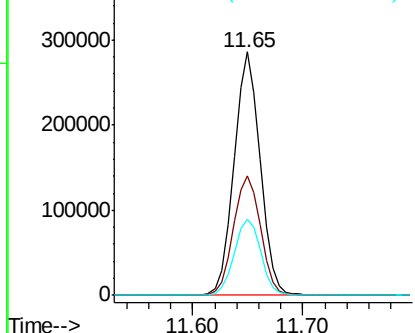
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067516.D
Acq: 04 Nov 2020 13:21

Instrument :
MSVOA_D
ClientSampleId :
OK-01-110320

Tot Ion:117 Resp: 476426
Ion Ratio Lower Upper
117 100
82 49.1 41.6 62.4
119 31.0 25.1 37.7

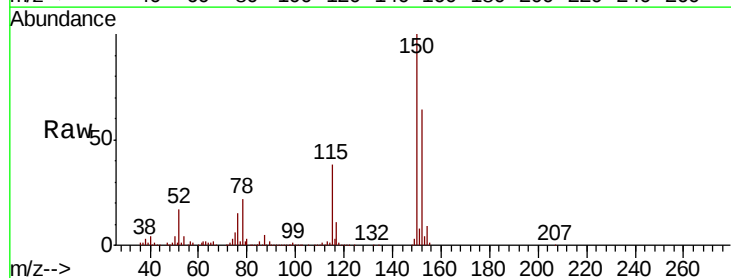


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067516.D
Acq: 04 Nov 2020 13:21

Tgt Ion:152 Resp: 209800
Ion Ratio Lower Upper
152 100
115 59.4 29.3 88.0
150 155.2 0.0 338.2



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

