

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067717.D
 Acq On : 20 Nov 2020 11:39
 Operator : VA/SY
 Sample : VD1120SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBL01

Quant Time: Nov 21 00:51:37 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	247647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	384907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	346913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	172239	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	105005	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	7.91	113	102094	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	
50) Toluene-d8	10.34	98	325411	39.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.86%	
62) 4-Bromofluorobenzene	12.64	95	115925	41.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.40%	

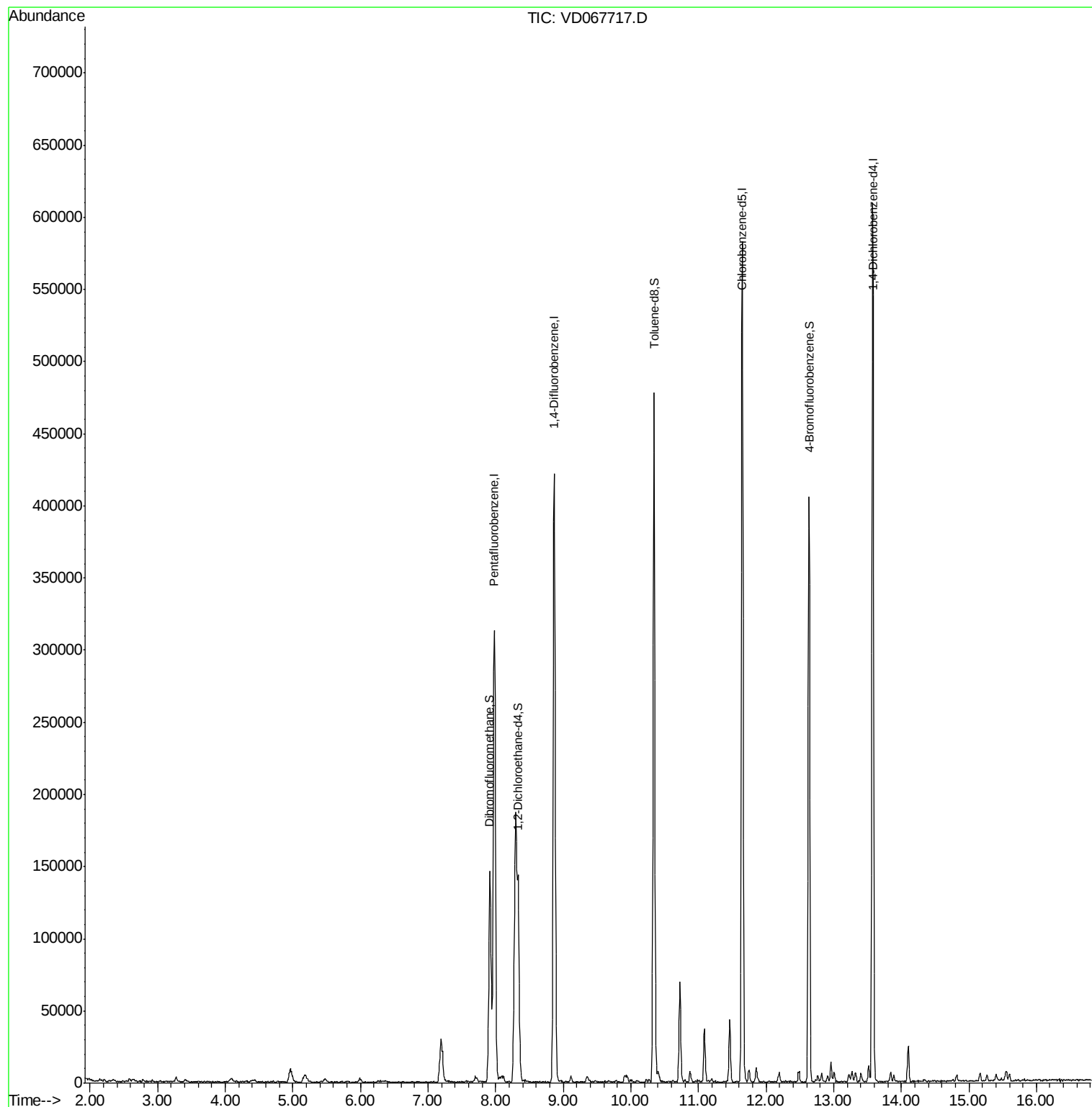
Target Compounds	Qvalue

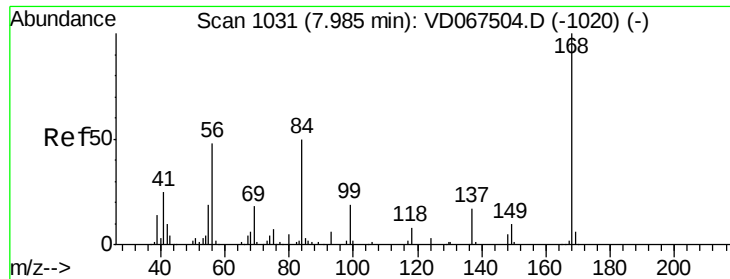
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VD1120SBL01

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Quant Title : SW846 8260
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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: VD067717.D

Acq: 20 Nov 2020 11:39

Instrument :

MSVOA_D

ClientSampleId :

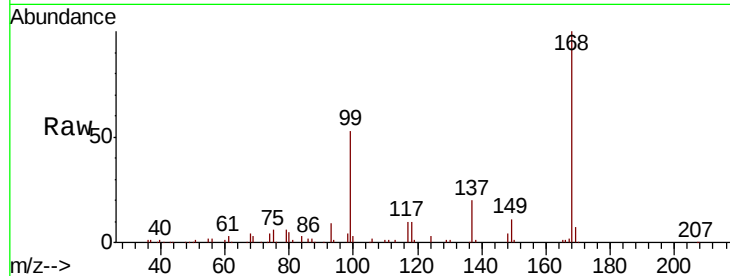
VD1120SBL01

Tot Ion:168 Resp: 247647

Ion Ratio Lower Upper

168 100

99 52.3 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

100000

80000

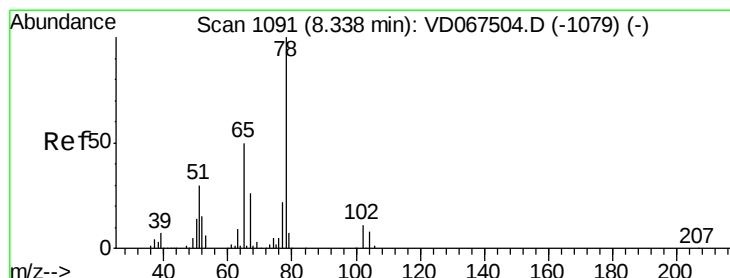
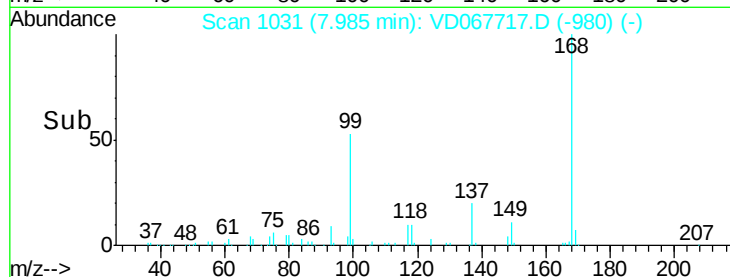
60000

40000

20000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 48.492 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067717.D

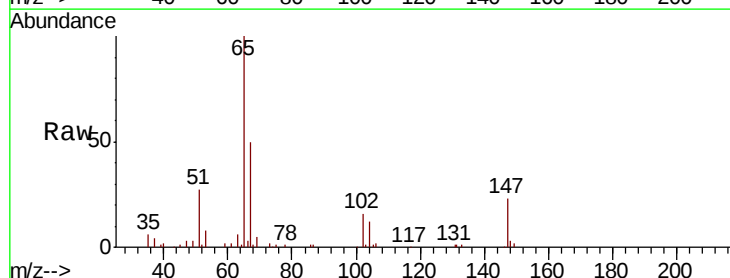
Acq: 20 Nov 2020 11:39

Tgt Ion: 65 Resp: 105005

Ion Ratio Lower Upper

65 100

67 48.9 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

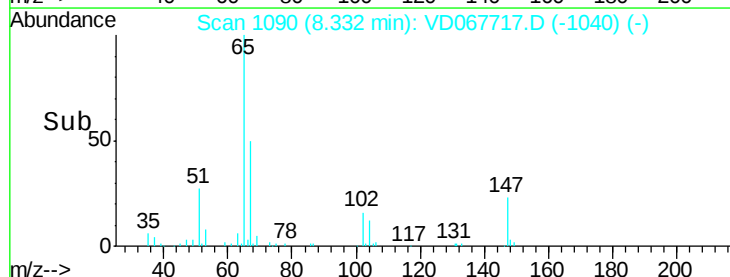
30000

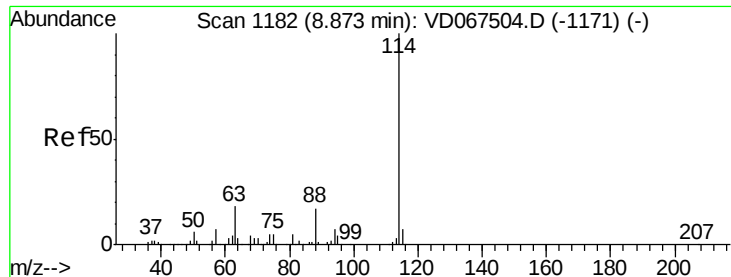
20000

10000

0

Time--> 8.30 8.40

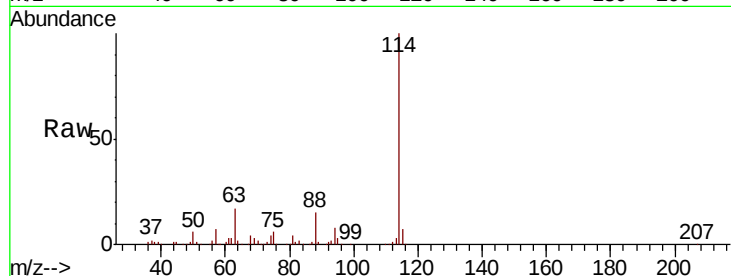




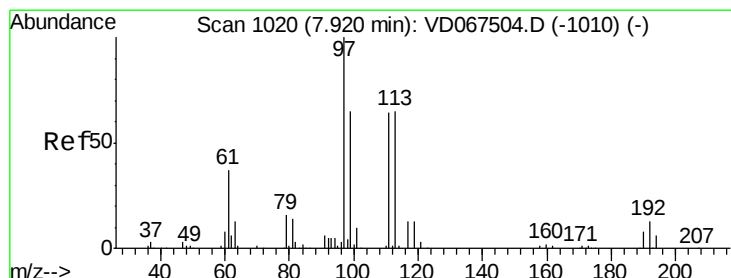
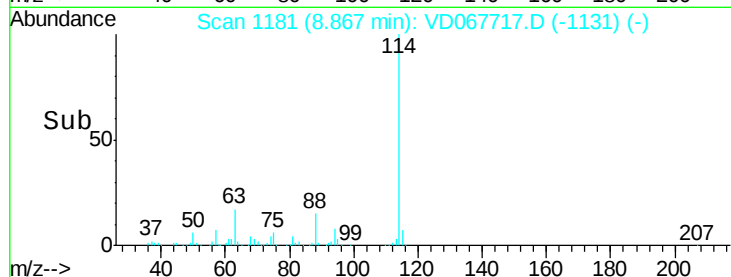
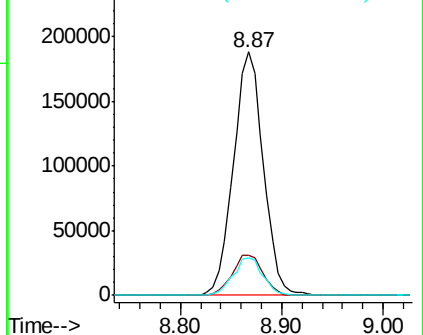
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067717.D
 Acq: 20 Nov 2020 11:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	35.0
88	15.4	0.0	33.0

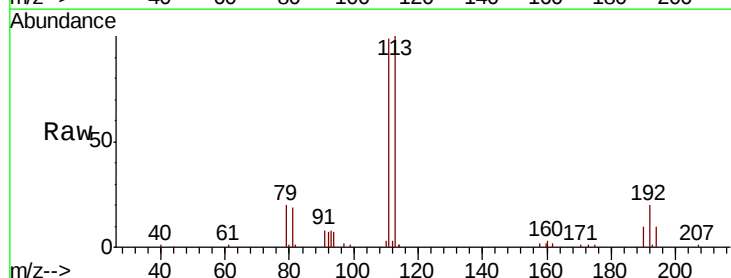


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

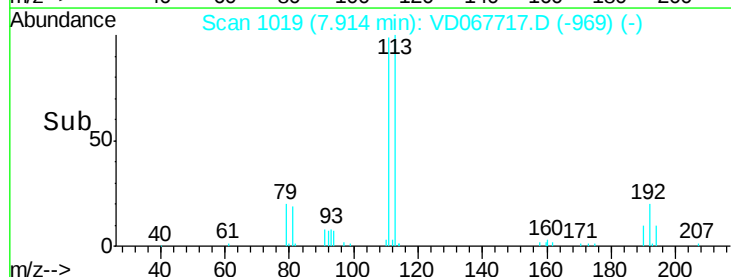
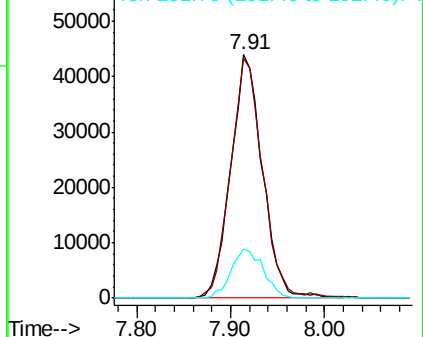


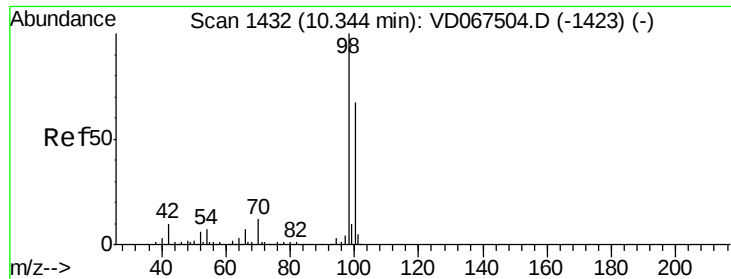
#35
 Dibromofluoromethane
 Concen: 44.024 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067717.D
 Acq: 20 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.5	80.0	120.0
192	20.6	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

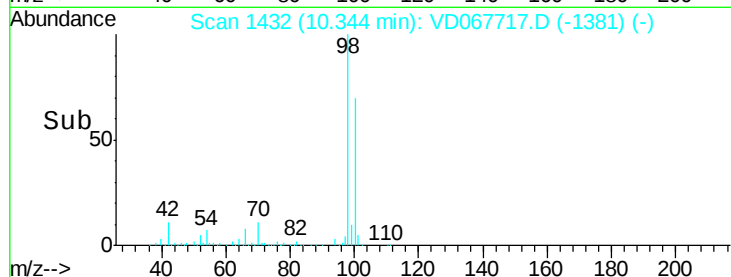
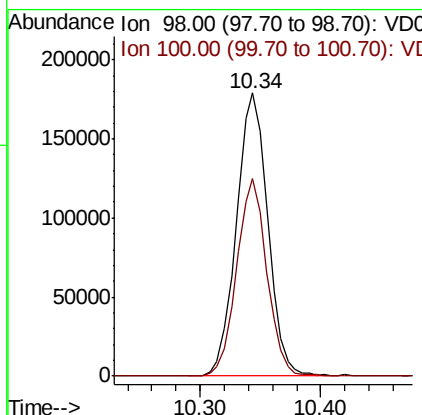
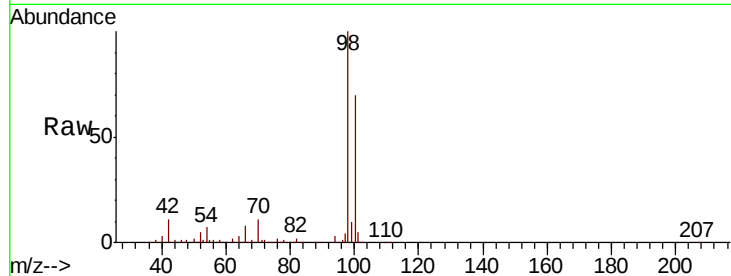




#50
Toluene-d8
Concen: 39.929 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067717.D
Acq: 20 Nov 2020 11:39

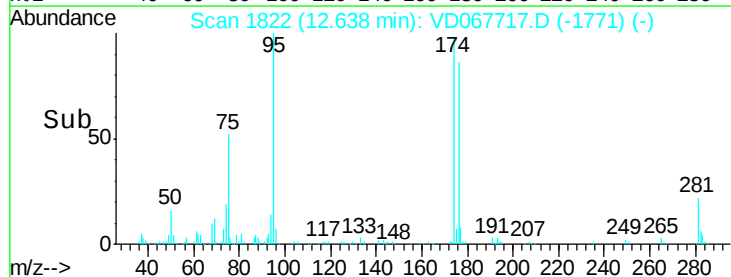
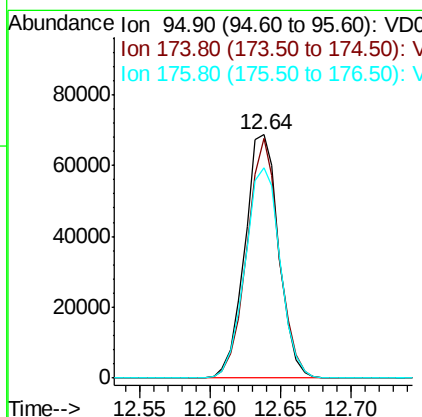
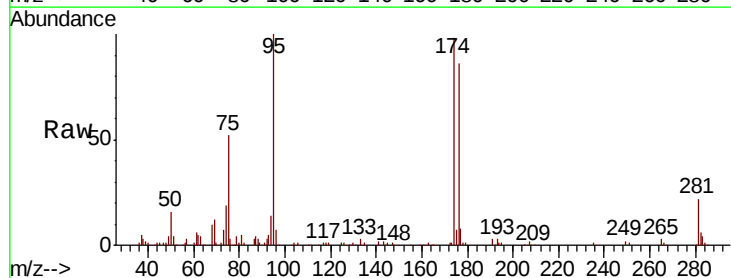
Instrument :
MSVOA_D
ClientSampleId :
VD1120SBL01

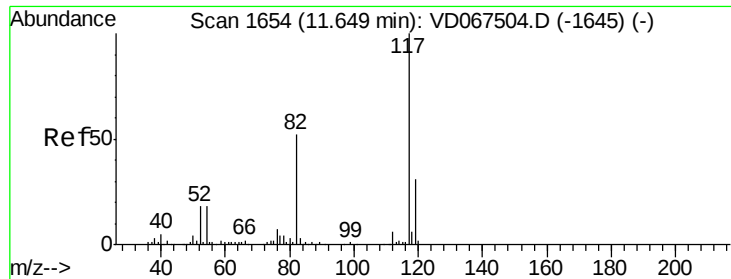
Tot Ion: 98 Resp: 325411
Ion Ratio Lower Upper
98 100
100 67.4 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 41.201 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067717.D
Acq: 20 Nov 2020 11:39

Tgt Ion: 95 Resp: 115925
Ion Ratio Lower Upper
95 100
174 92.7 0.0 177.8
176 89.2 0.0 172.0

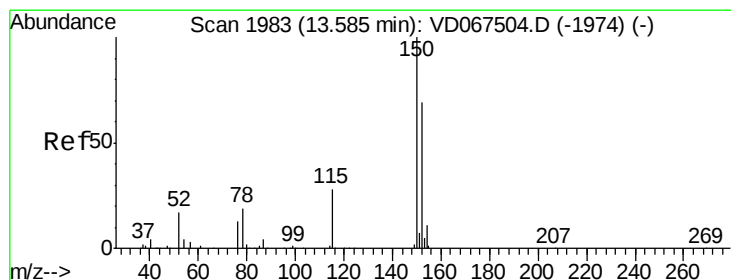
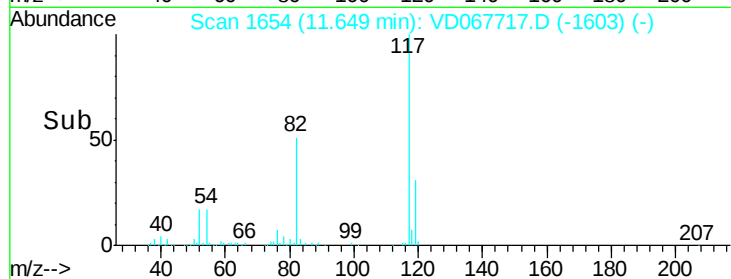
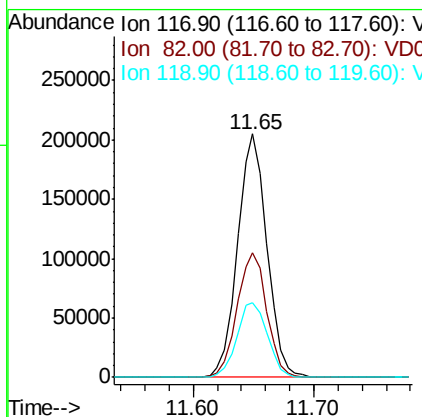
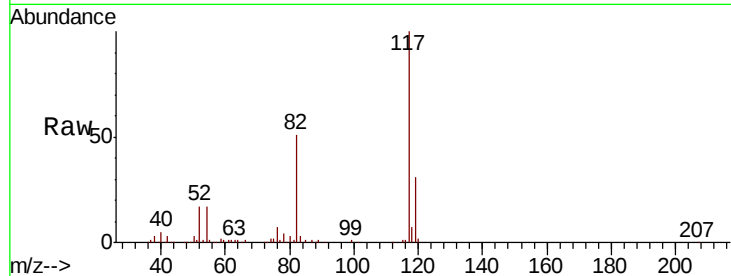




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067717.D
Acq: 20 Nov 2020 11:39

Instrument :
MSVOA_D
ClientSampleId :
VD1120SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.6	62.4
119	30.5	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: VD067717.D
Acq: 20 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.3	88.0
150	154.6	0.0	338.2

