

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101520\
 Data File : VD067284.D
 Acq On : 15 Oct 2020 15:33
 Operator : VA/SY
 Sample : L4406-01
 Misc : 7.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-101420-A

Quant Time: Oct 16 01:34:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	315965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	535296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	514163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	240320	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	171402	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
35) Dibromofluoromethane	7.92	113	175002	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	10.34	98	622104	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.64	95	213530	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

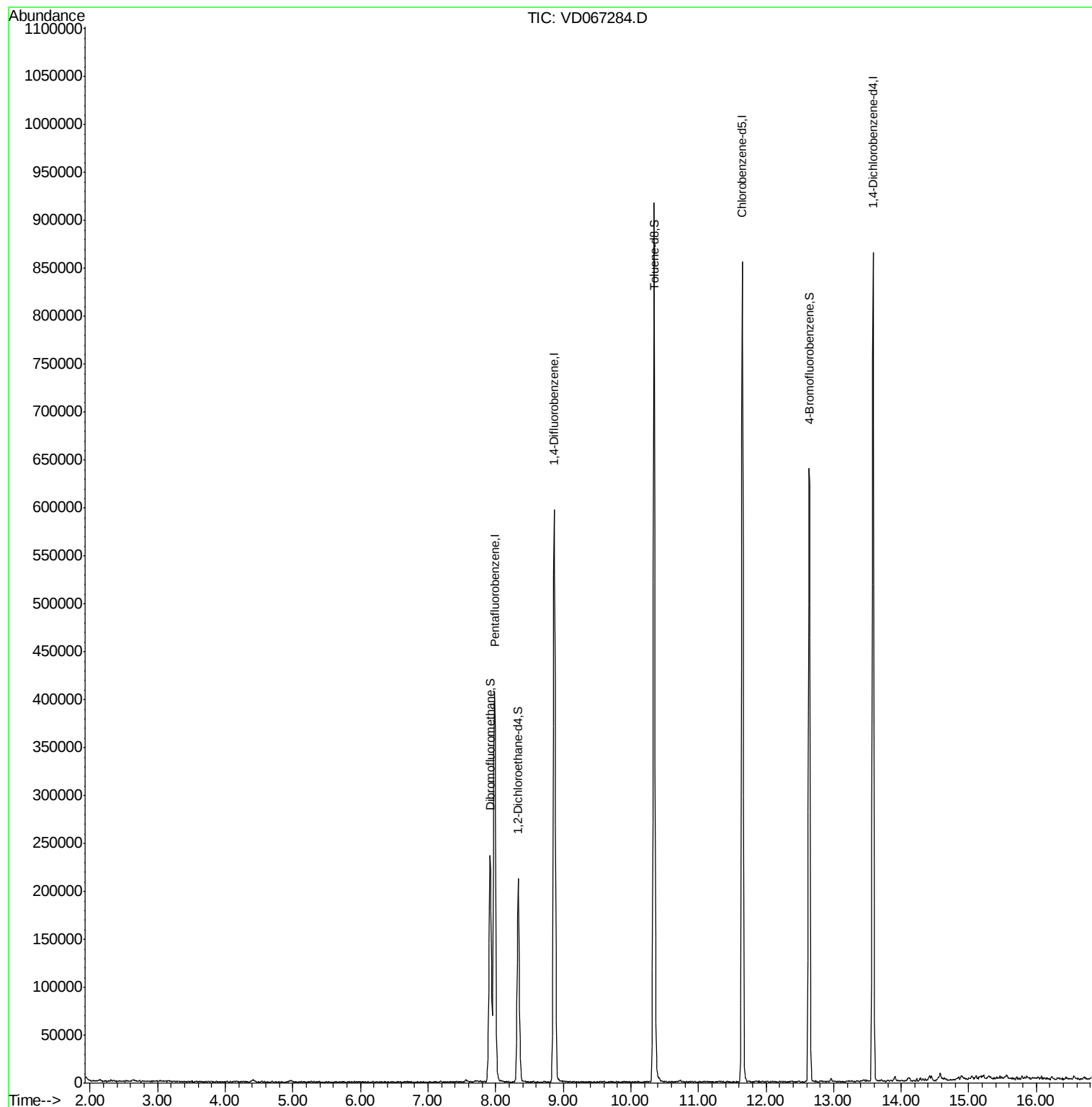
Target Compounds	Qvalue

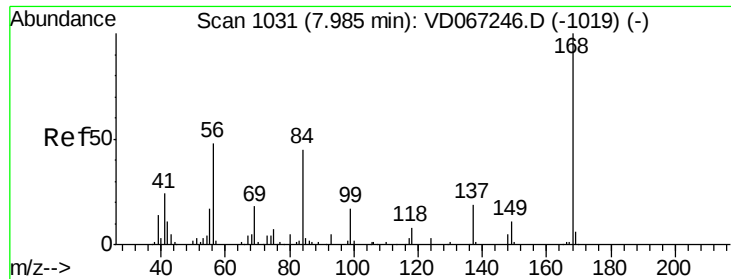
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101520\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067284.D

Acq: 15 Oct 2020 15:33

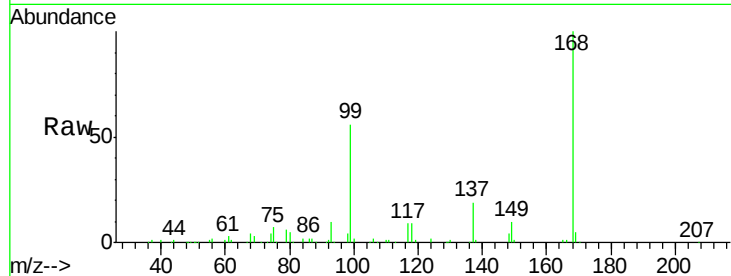
Instrument :
MSVOA_D
ClientSampleId :
JC-02-101420-A

Tot Ion:168 Resp: 315965

Ion Ratio Lower Upper

168 100

99 56.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

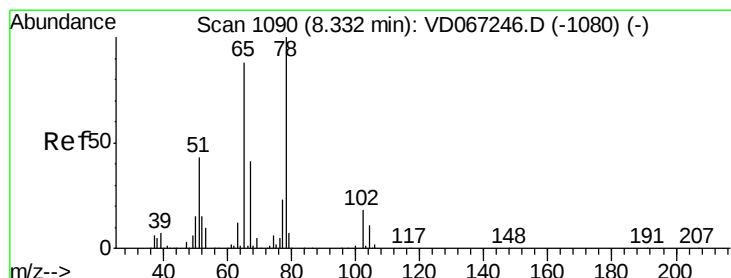
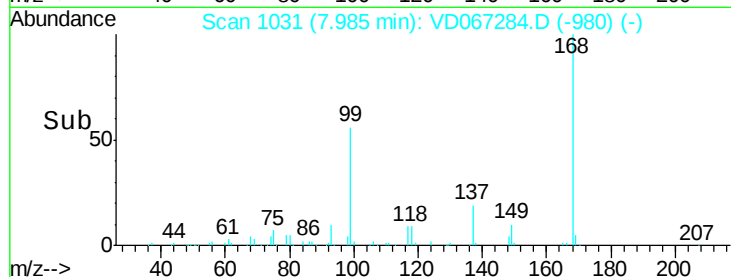
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.147 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067284.D

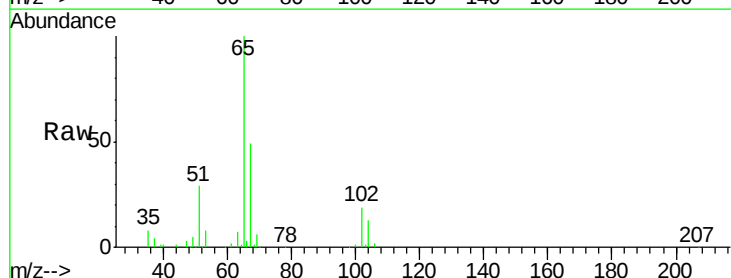
Acq: 15 Oct 2020 15:33

Tgt Ion: 65 Resp: 171402

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

60000

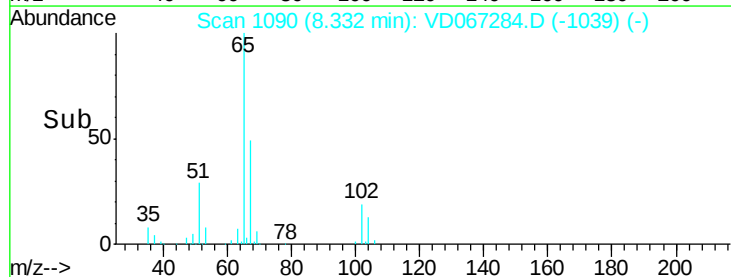
40000

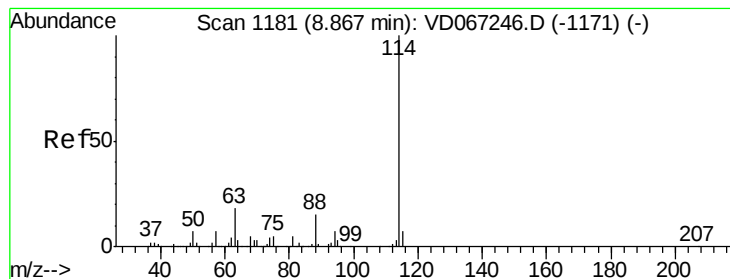
20000

0

8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067284.D

Acq: 15 Oct 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

JC-02-101420-A

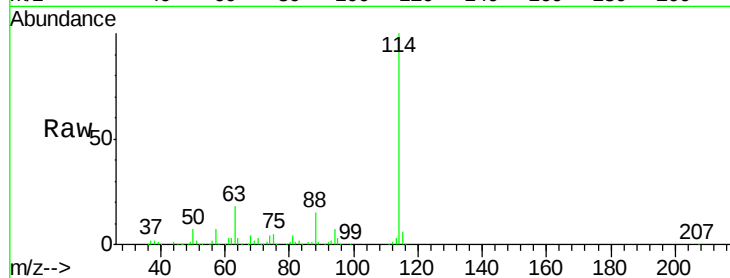
Tot Ion:114 Resp: 535296

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

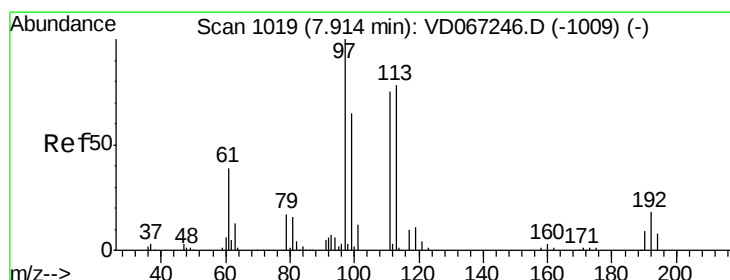
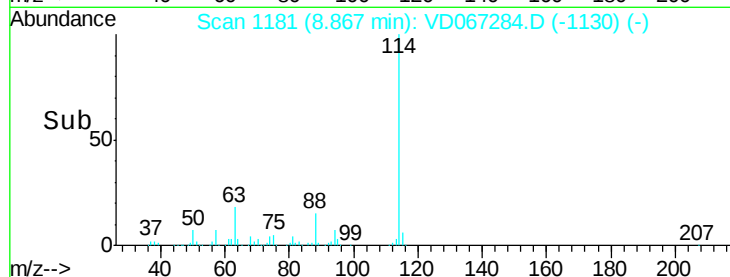
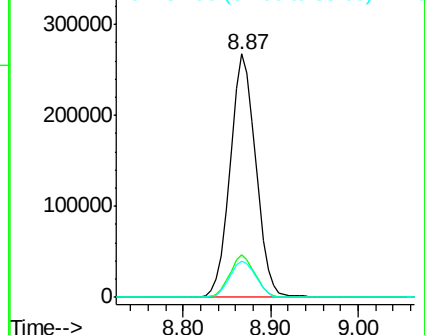
88 15.1 0.0 30.6



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: 49.125 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067284.D

Acq: 15 Oct 2020 15:33

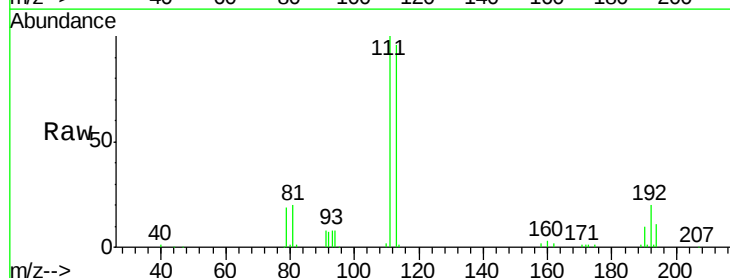
Tgt Ion:113 Resp: 175002

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

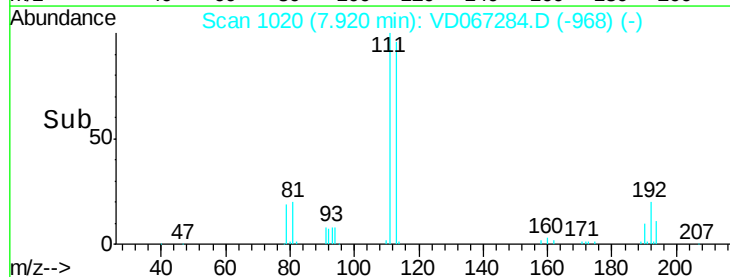
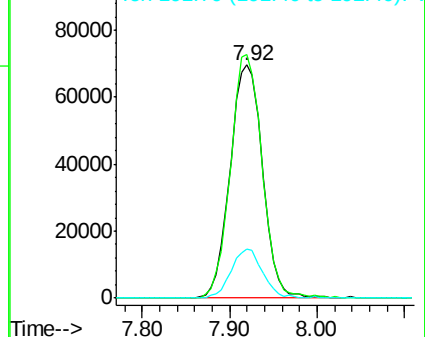
192 20.4 17.0 25.4

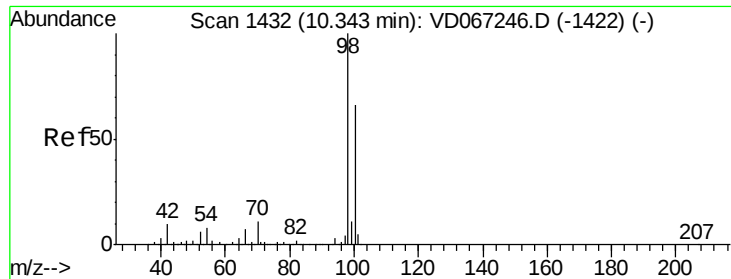


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

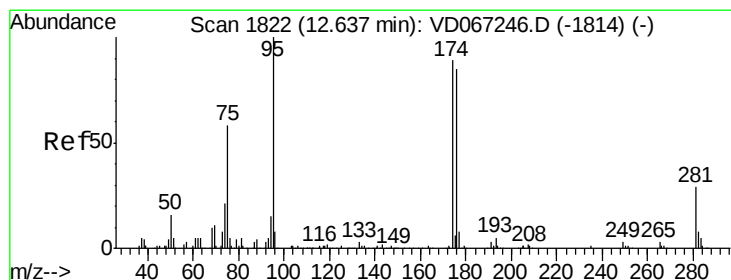
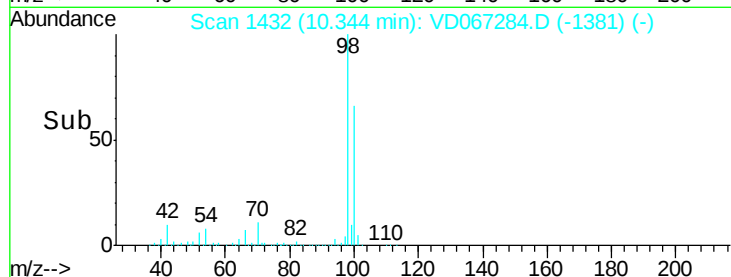
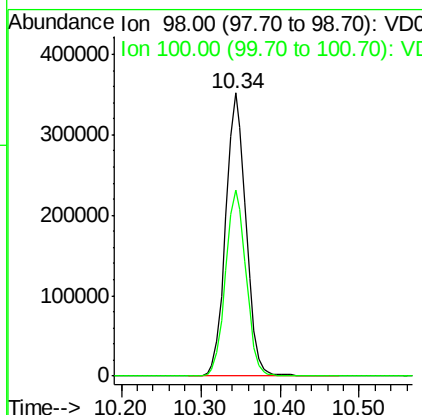
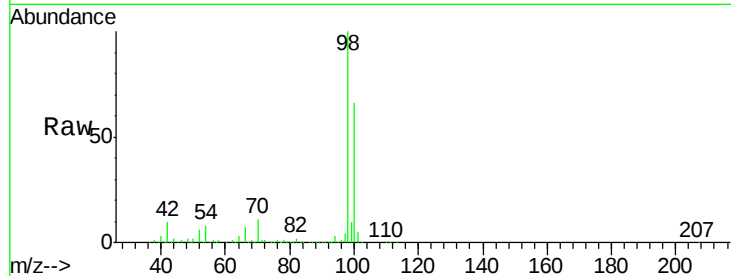




#50
Toluene-d8
Concen: 48.255 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067284.D
Acq: 15 Oct 2020 15:33

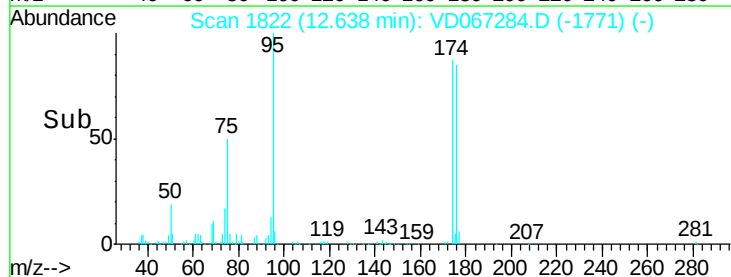
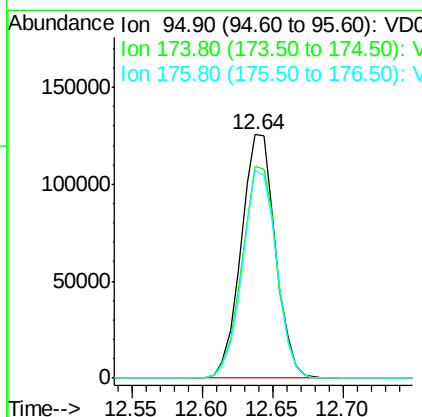
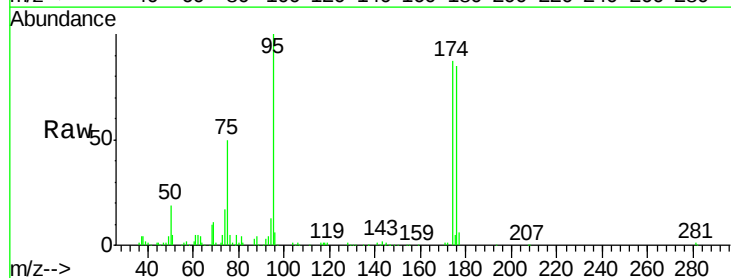
Instrument :
MSVOA_D
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JC-02-101420-A

Tot Ion: 98 Resp: 622104
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.633 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067284.D
Acq: 15 Oct 2020 15:33

Tgt Ion: 95 Resp: 213530
Ion Ratio Lower Upper
95 100
174 87.9 0.0 175.2
176 85.1 0.0 168.6

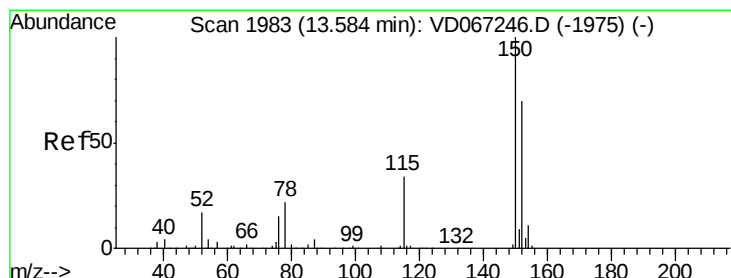
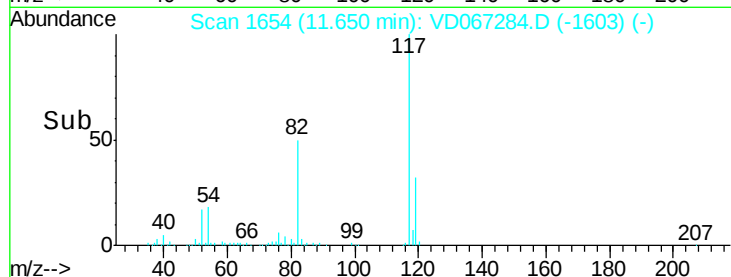
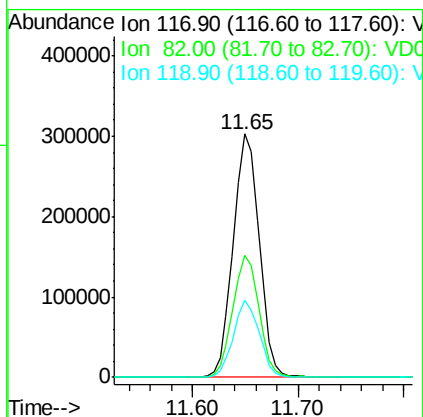
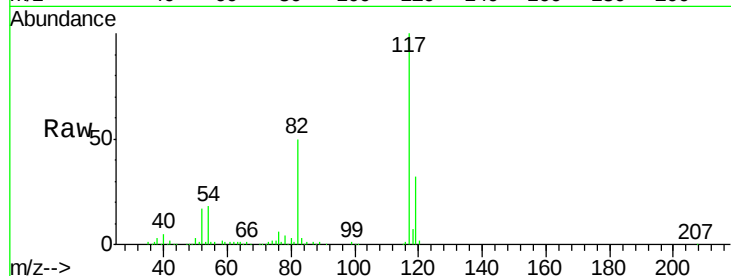




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067284.D
Acq: 15 Oct 2020 15:33

Instrument :
MSVOA_D
ClientSampleId :
JC-02-101420-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.1	39.9	59.9
119	31.8	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067284.D
Acq: 15 Oct 2020 15:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.3	87.9
150	154.2	0.0	339.0

