

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020720\
 Data File : VD065103.D
 Acq On : 07 Feb 2020 11:53
 Operator : VA/SY
 Sample : VD0207SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0207SBL01

Quant Time: Feb 08 00:15:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	521702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	817700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	835014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	419388	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	242467	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
35) Dibromofluoromethane	7.92	113	247889	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
50) Toluene-d8	10.34	98	1015307	55.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.82%	
62) 4-Bromofluorobenzene	12.64	95	366932	63.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.54%	

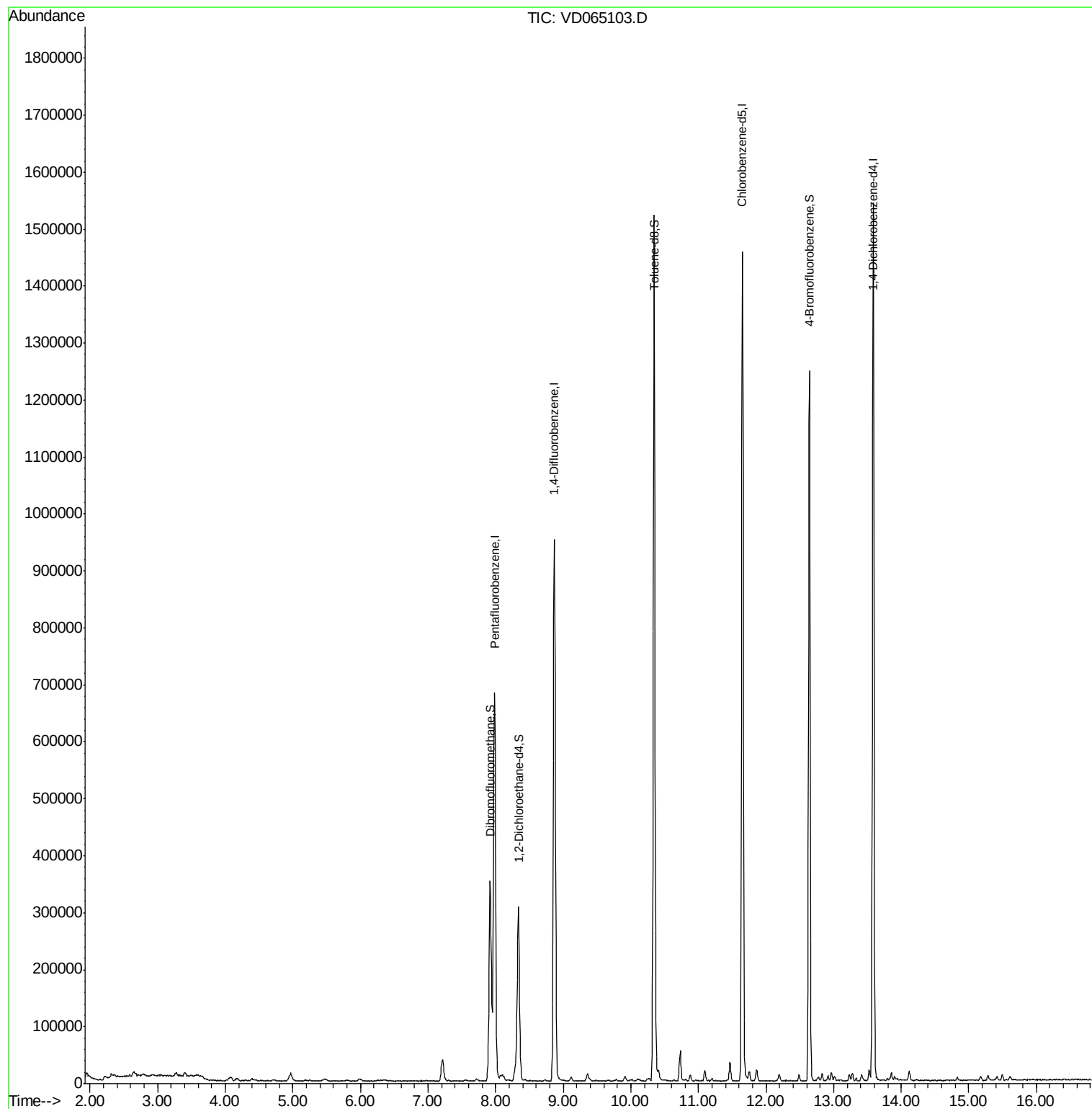
Target Compounds	Qvalue

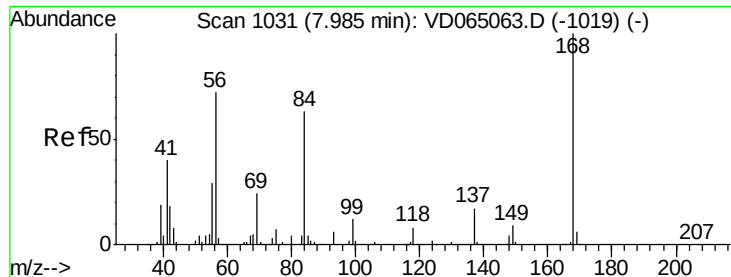
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065103.D

Acq: 07 Feb 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

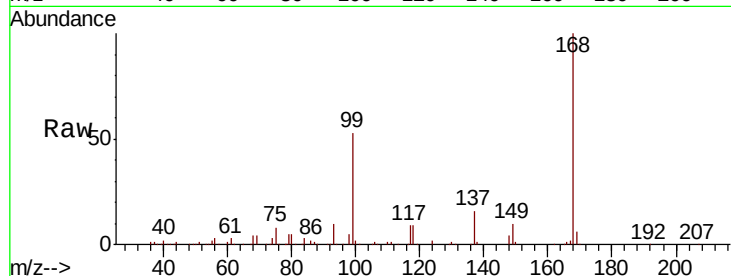
VD0207SBL01

Tot Ion:168 Resp: 521702

Ion Ratio Lower Upper

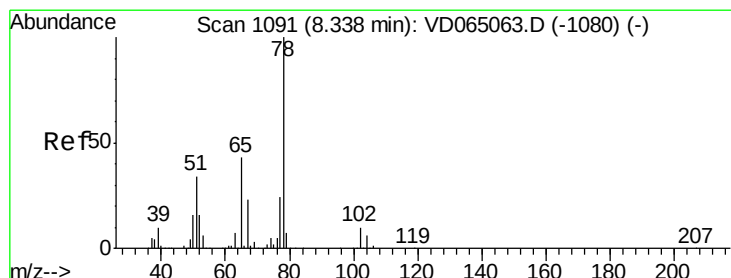
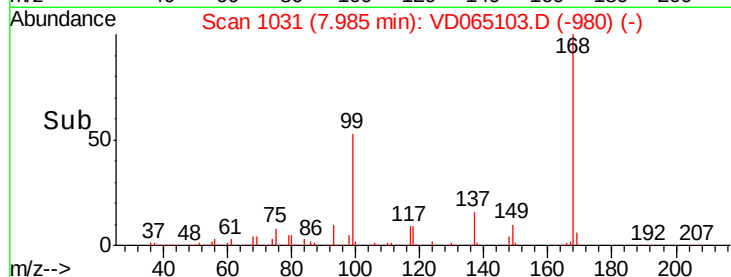
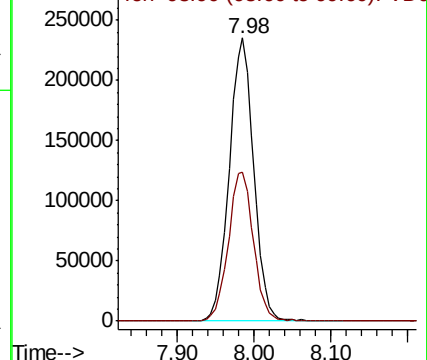
168 100

99 52.6 41.0 61.6



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: 54.683 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065103.D

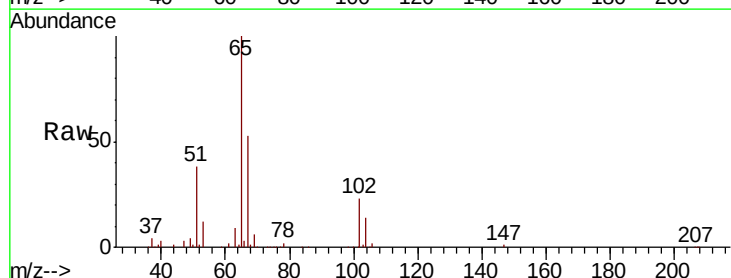
Acq: 07 Feb 2020 11:53

Tgt Ion: 65 Resp: 242467

Ion Ratio Lower Upper

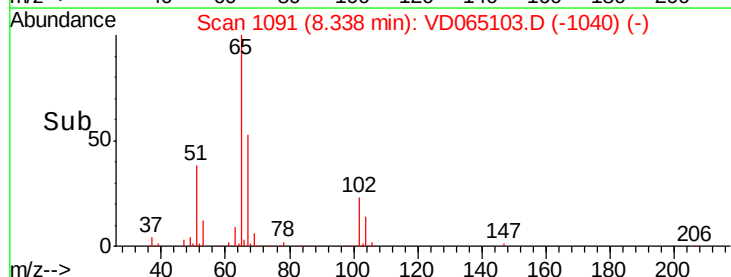
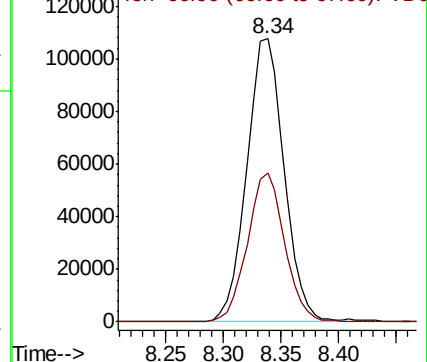
65 100

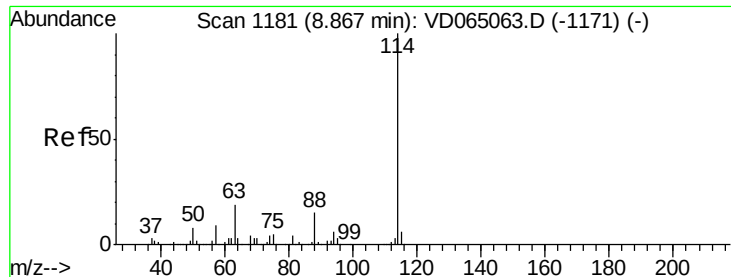
67 52.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

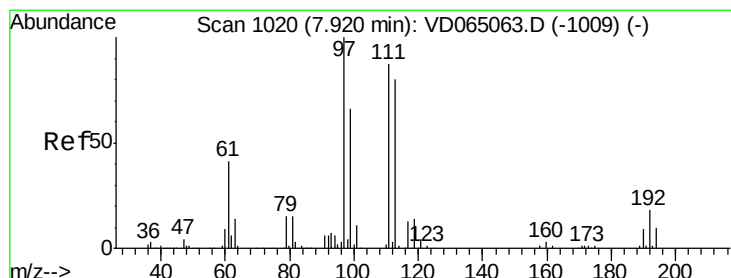
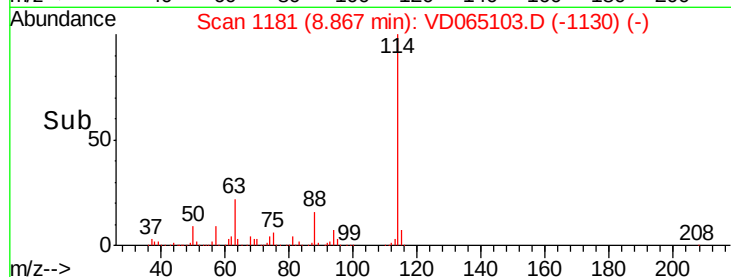
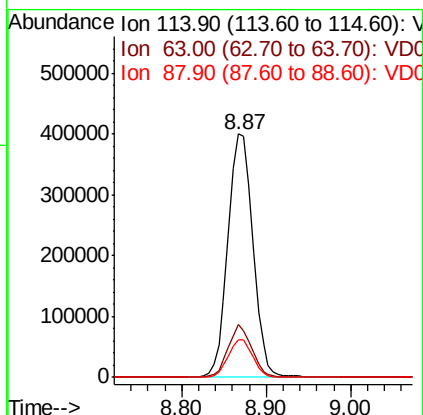
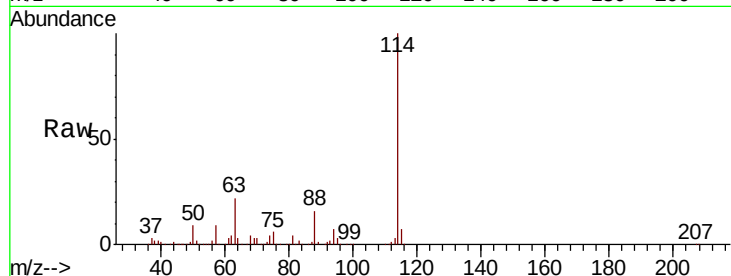




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065103.D
 Acq: 07 Feb 2020 11:53

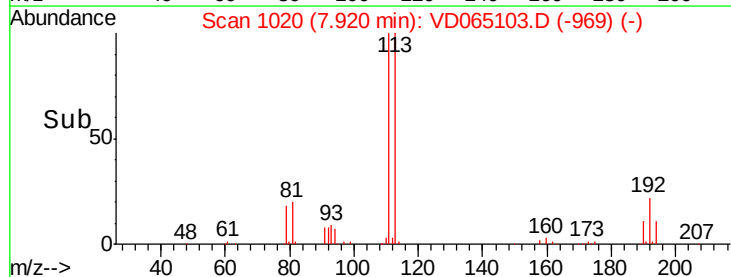
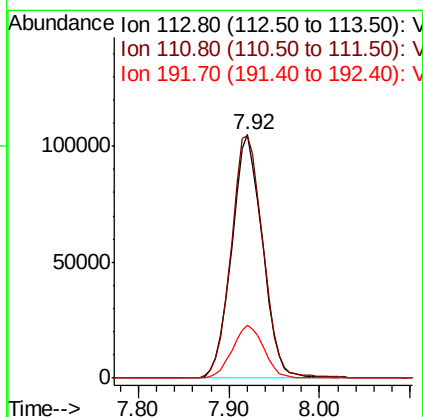
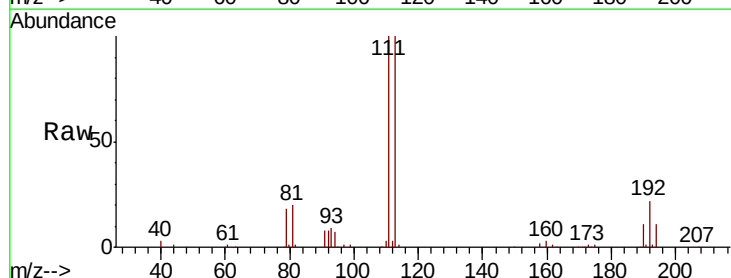
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0207SBL01

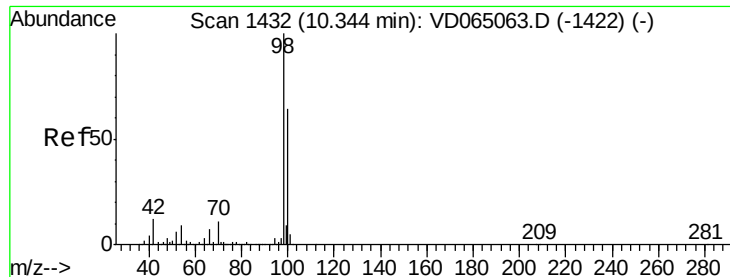
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	38.8
88	15.5	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 54.335 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065103.D
 Acq: 07 Feb 2020 11:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.1	124.7
192	22.1	18.1	27.1

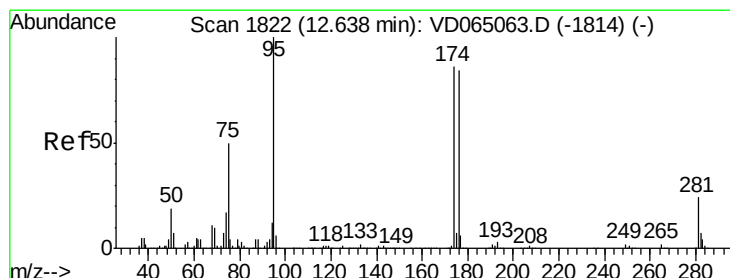
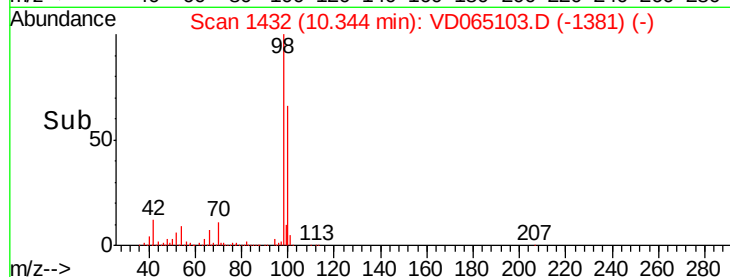
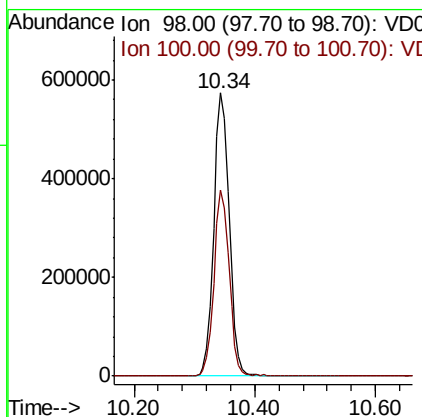
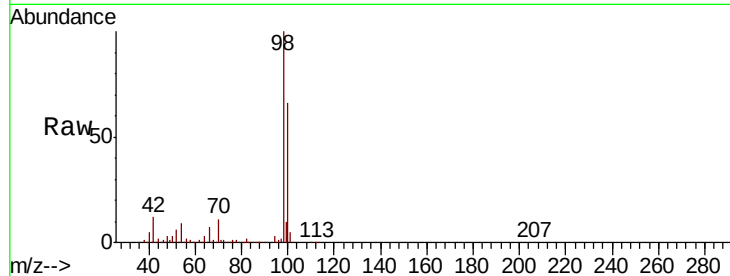




#50
Toluene-d8
Concen: 55.912 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065103.D
Acq: 07 Feb 2020 11:53

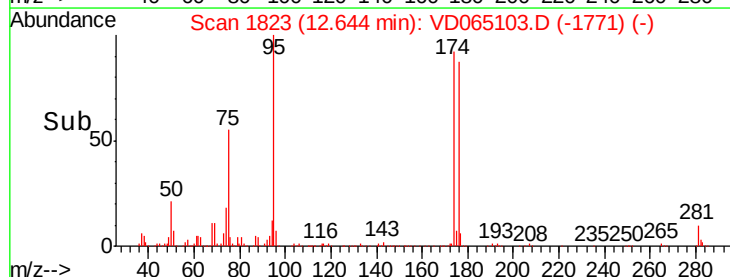
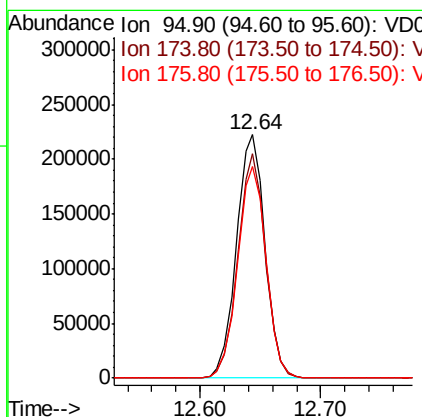
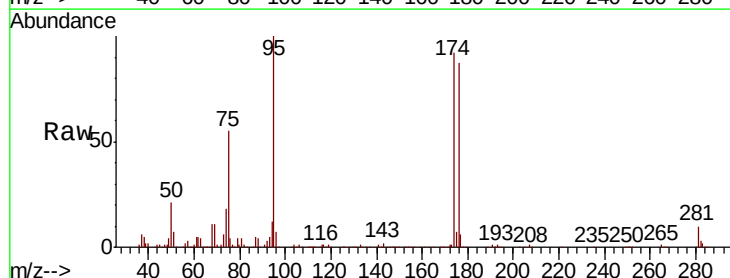
Instrument :
MSVOA_D
ClientSampleId :
VD0207SBL01

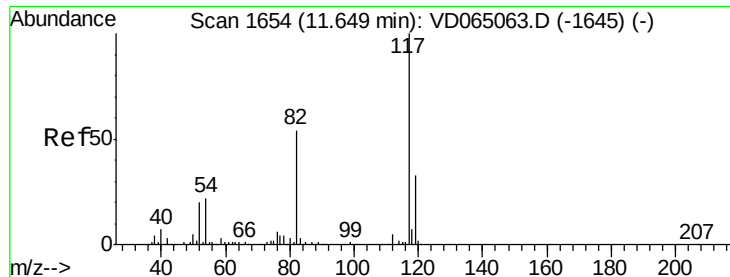
Tot Ion: 98 Resp: 1015307
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 63.770 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065103.D
Acq: 07 Feb 2020 11:53

Tgt Ion: 95 Resp: 366932
Ion Ratio Lower Upper
95 100
174 89.2 0.0 180.0
176 86.9 0.0 173.2

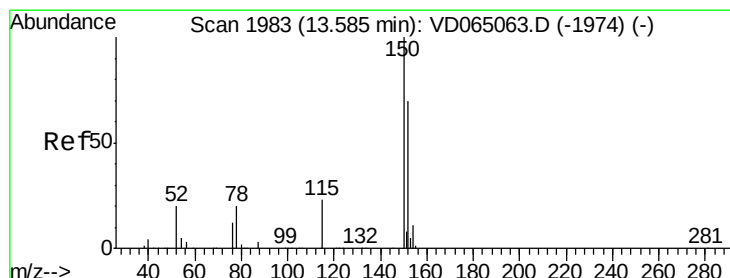
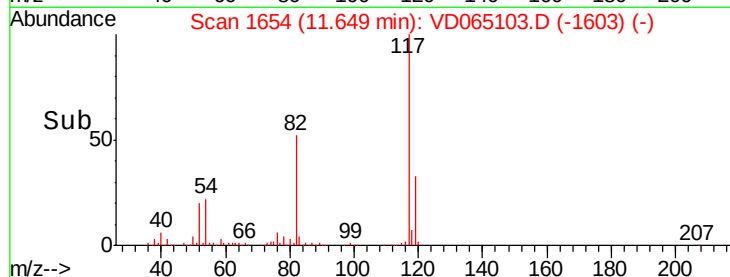
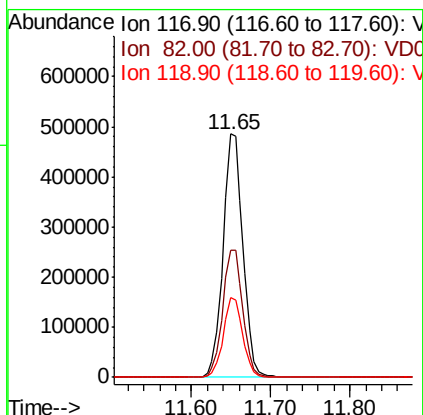
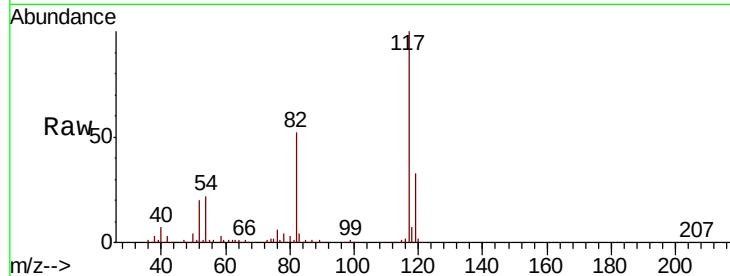




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065103.D
Acq: 07 Feb 2020 11:53

Instrument :
MSVOA_D
ClientSampleId :
VD0207SBL01

Tot Ion:117 Resp: 835014
Ion Ratio Lower Upper
117 100
82 52.4 43.1 64.7
119 32.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065103.D
Acq: 07 Feb 2020 11:53

Tgt Ion:152 Resp: 419388
Ion Ratio Lower Upper
152 100
115 55.2 27.5 82.4
150 154.8 0.0 343.2

