

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101819\
 Data File : VD064003.D
 Acq On : 18 Oct 2019 11:30
 Operator : VA/SY
 Sample : VD1018SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1018SBL01

Quant Time: Oct 19 01:52:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	194671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	346247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	344270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	167071	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	103833	54.79	ug/l	0.00
Spiked Amount			Recovery	=	109.58%	
35) Dibromofluoromethane	7.92	113	106784	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
50) Toluene-d8	10.34	98	447053	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.64	95	135573	45.43	ug/l	0.00
Spiked Amount			Recovery	=	90.86%	

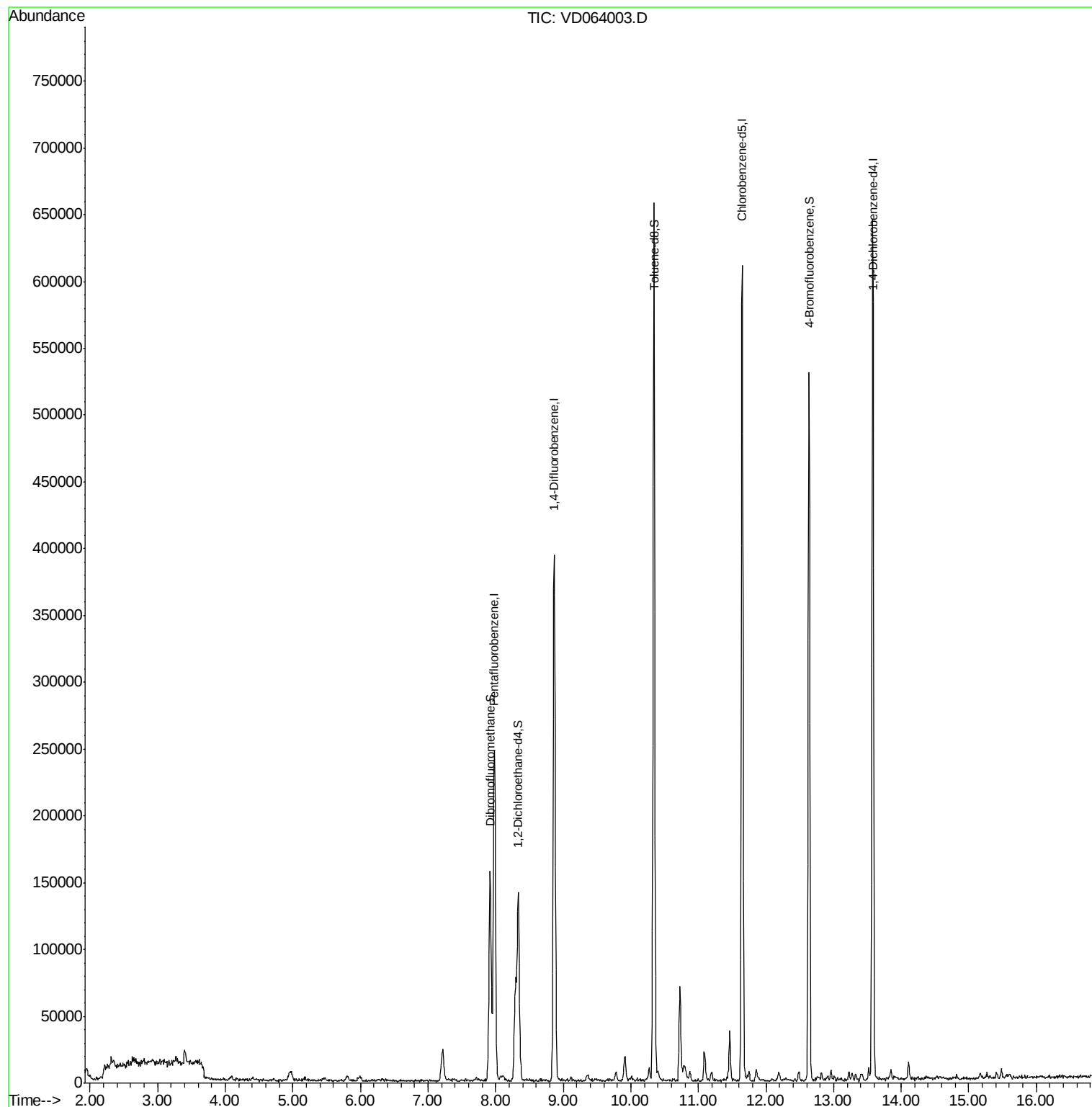
Target Compounds	Qvalue
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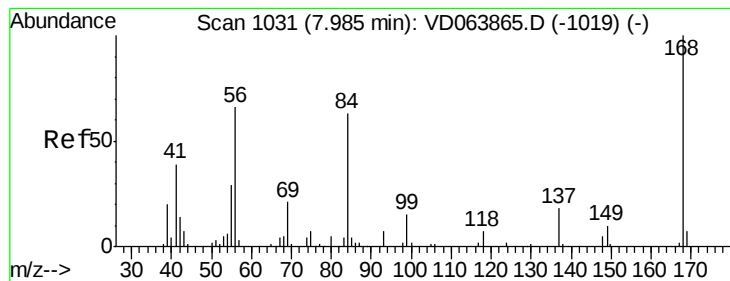
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064003.D

Acq: 18 Oct 2019 11:30

Instrument :

MSVOA_D

ClientSampleId :

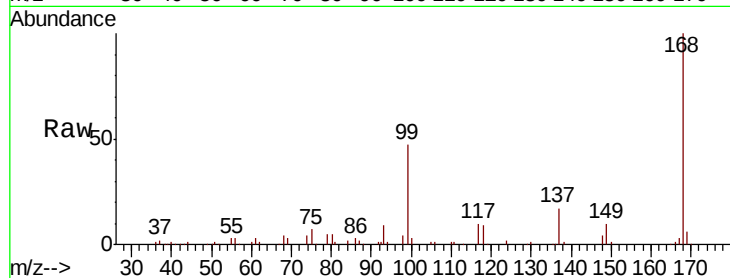
VD1018SBL01

Tot Ion:168 Resp: 194671

Ion Ratio Lower Upper

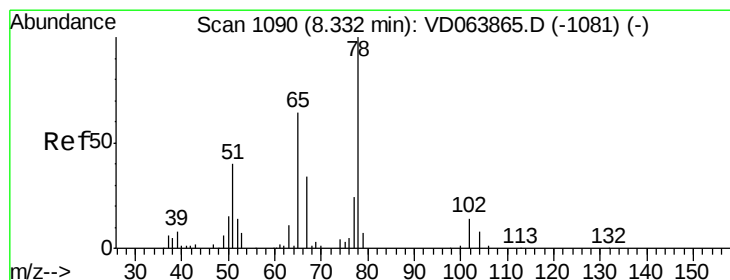
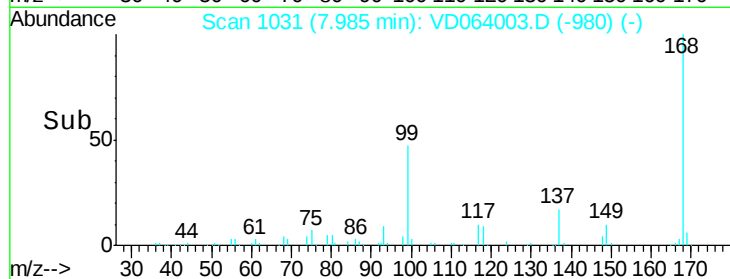
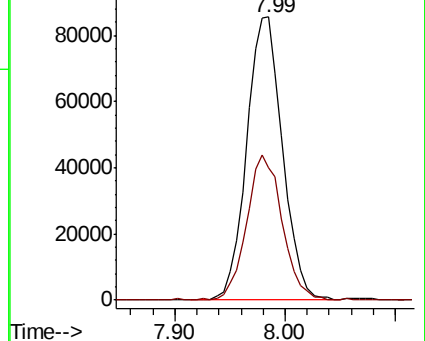
168 100

99 46.9 43.0 64.4



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: 54.785 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064003.D

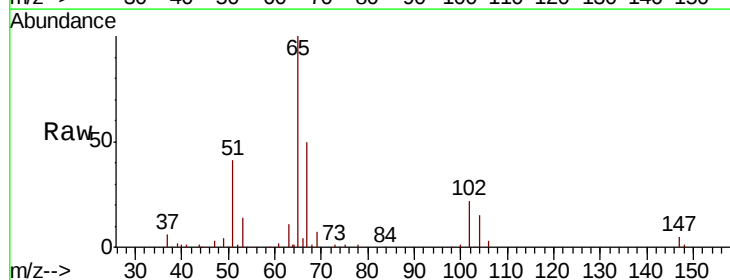
Acq: 18 Oct 2019 11:30

Tgt Ion: 65 Resp: 103833

Ion Ratio Lower Upper

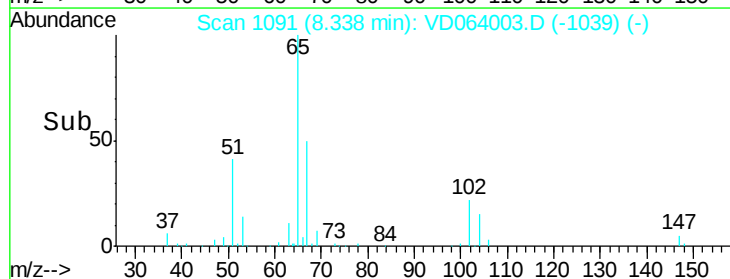
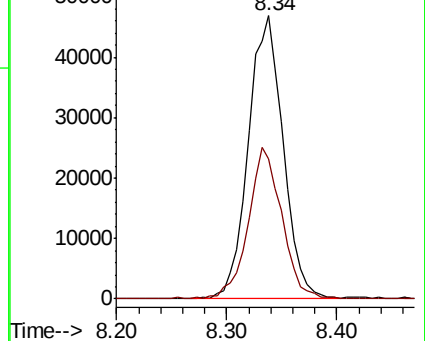
65 100

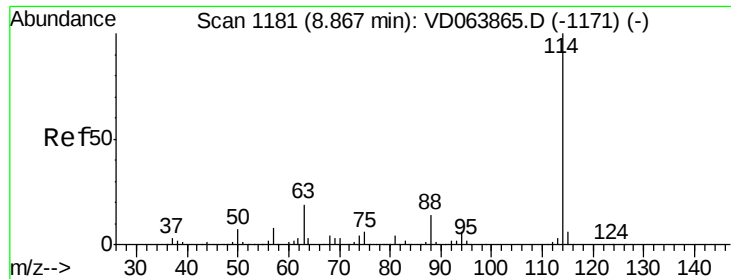
67 51.5 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

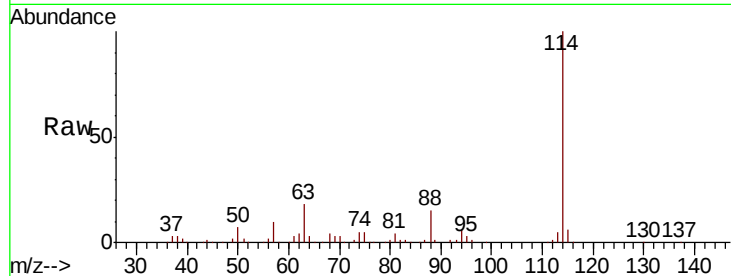




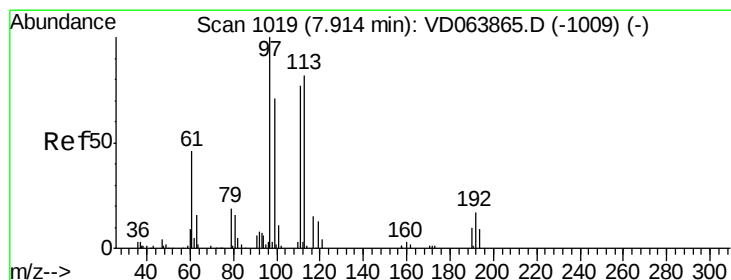
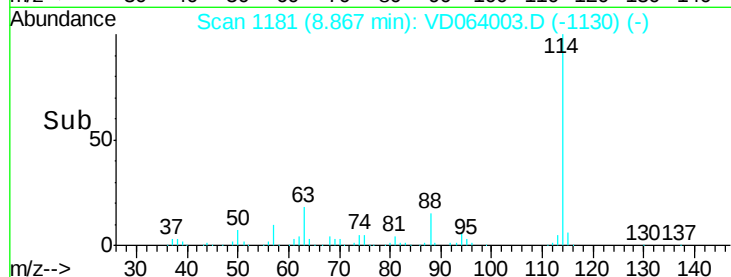
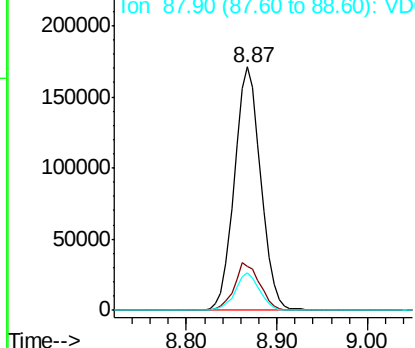
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064003.D
 Acq: 18 Oct 2019 11:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1018SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	38.4
88	15.2	0.0	27.4

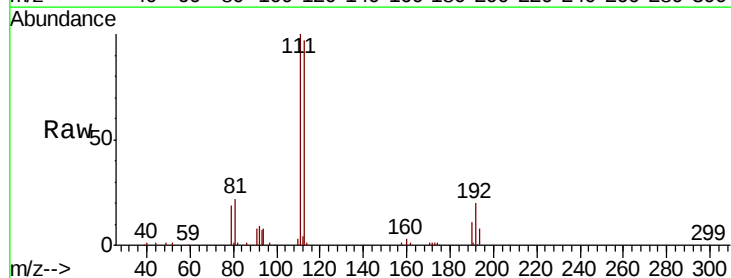


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

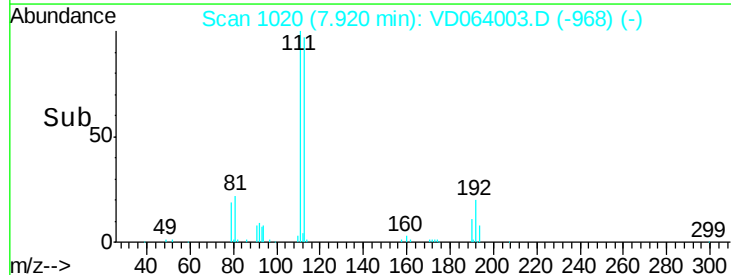
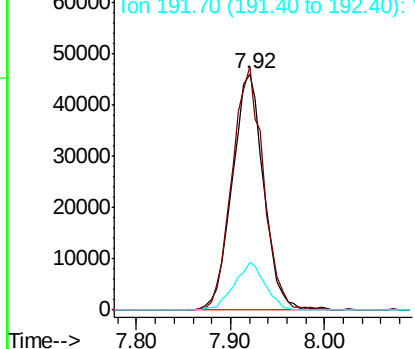


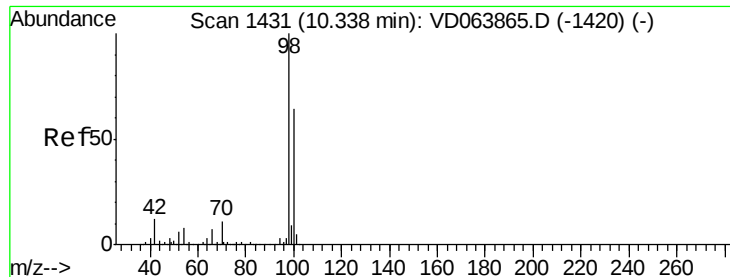
#35
 Dibromofluoromethane
 Concen: 50.465 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD064003.D
 Acq: 18 Oct 2019 11:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	20.1	17.1	25.7



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: 52.052 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064003.D

Acq: 18 Oct 2019 11:30

Instrument :

MSVOA_D

ClientSampleId :

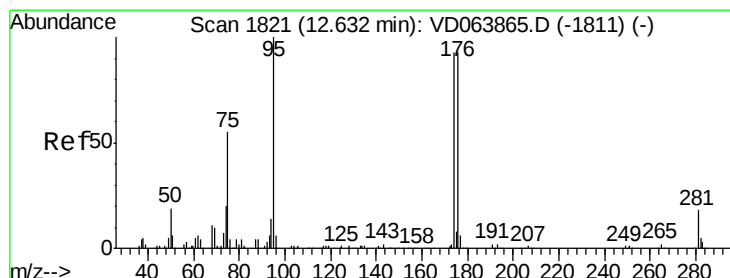
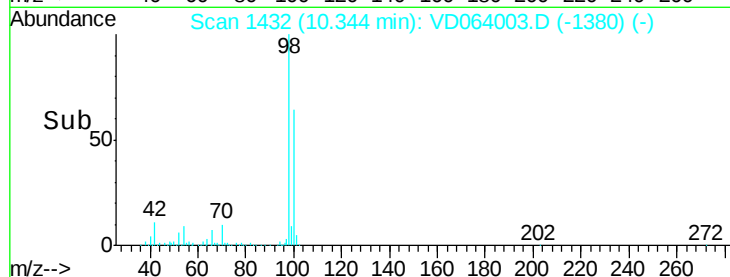
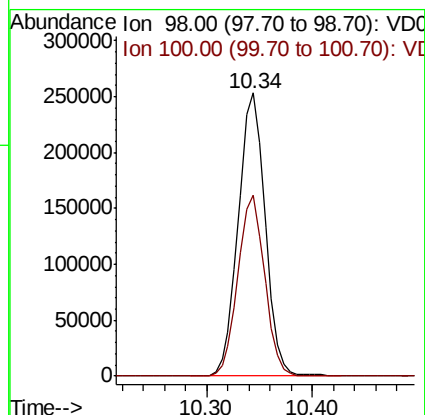
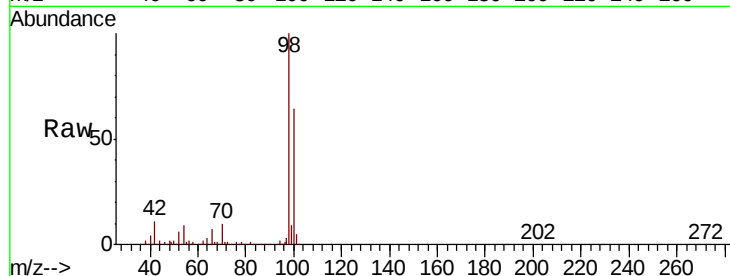
VD1018SBL01

Tot Ion: 98 Resp: 447053

Ion Ratio Lower Upper

98 100

100 63.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 45.425 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064003.D

Acq: 18 Oct 2019 11:30

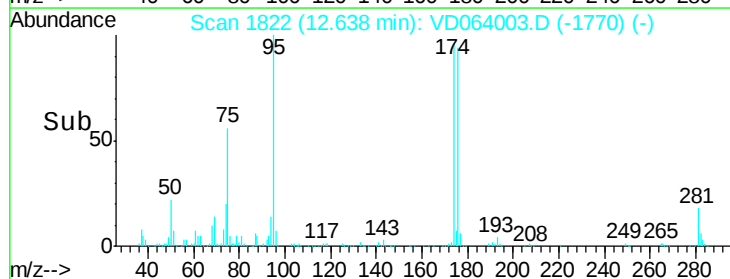
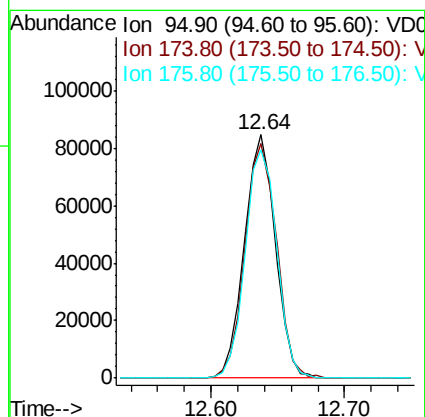
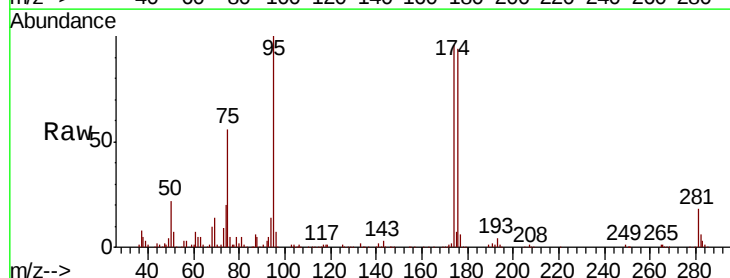
Tgt Ion: 95 Resp: 135573

Ion Ratio Lower Upper

95 100

174 98.3 0.0 186.4

176 95.4 0.0 184.2

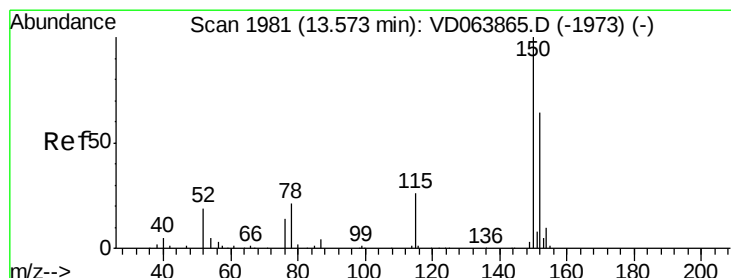
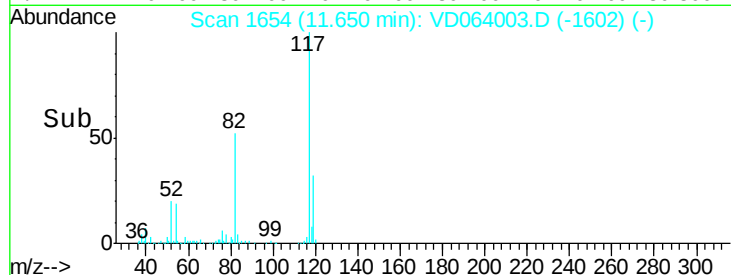
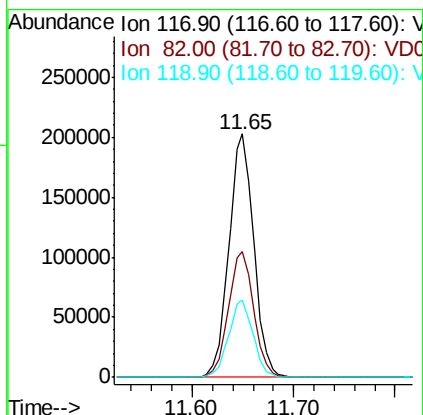
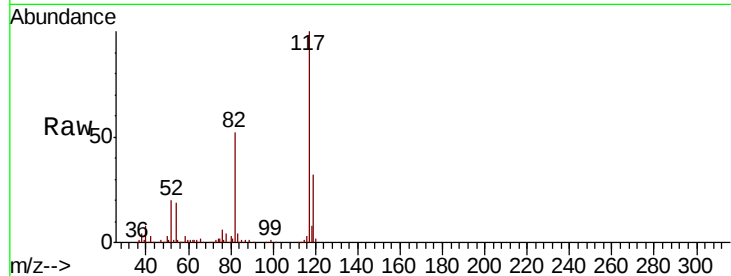




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064003.D
Acq: 18 Oct 2019 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1018SBL01

Tot Ion:117 Resp: 344270
Ion Ratio Lower Upper
117 100
82 51.6 42.8 64.2
119 31.9 24.4 36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD064003.D
Acq: 18 Oct 2019 11:30

Tgt Ion:152 Resp: 167071
Ion Ratio Lower Upper
152 100
115 52.8 25.9 77.7
150 154.8 0.0 344.2

