

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110819\
 Data File : VD064171.D
 Acq On : 08 Nov 2019 23:03
 Operator : VA/SY
 Sample : K5722-13RE
 Misc : 6.93G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1-CRE

Quant Time: Nov 09 02:55:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 08 16:20:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	415879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	675357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	671874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	348799	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	221585	64.78	ug/l	0.00
Spiked Amount			Recovery	=	129.56%	
35) Dibromofluoromethane	7.92	113	213073	54.96	ug/l	0.00
Spiked Amount			Recovery	=	109.92%	
50) Toluene-d8	10.34	98	808582	55.29	ug/l	0.00
Spiked Amount			Recovery	=	110.58%	
62) 4-Bromofluorobenzene	12.64	95	319055	63.00	ug/l	0.00
Spiked Amount			Recovery	=	126.00%	

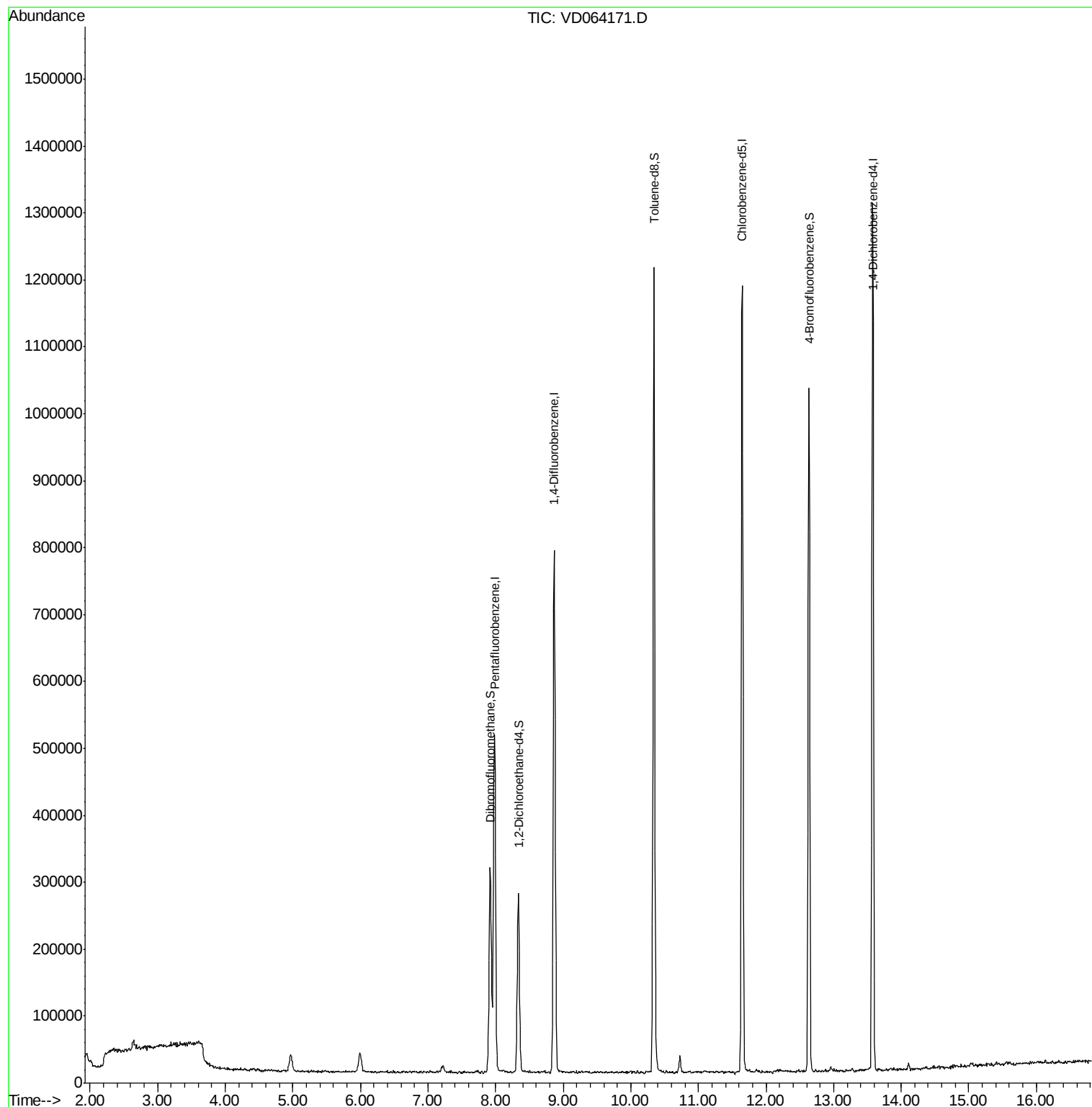
Target Compounds	Qvalue
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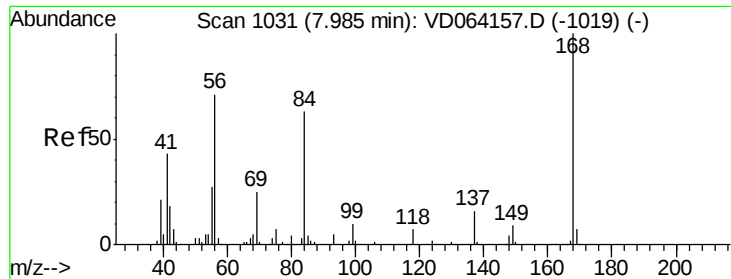
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064171.D

Acq: 08 Nov 2019 23:03

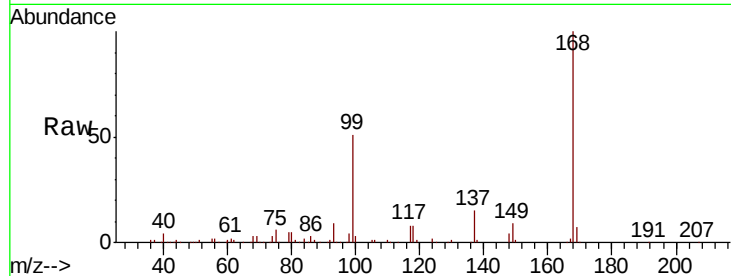
Instrument :
MSVOA_D
ClientSampleId :
1-CRE

Tot Ion:168 Resp: 415879

Ion Ratio Lower Upper

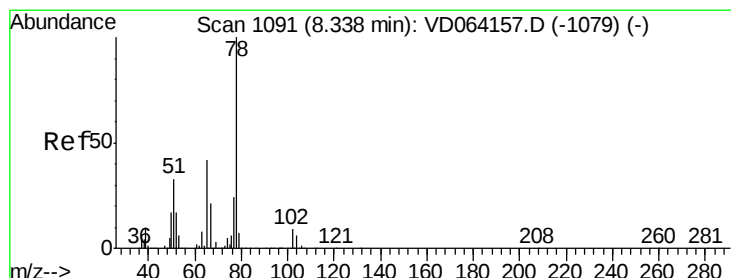
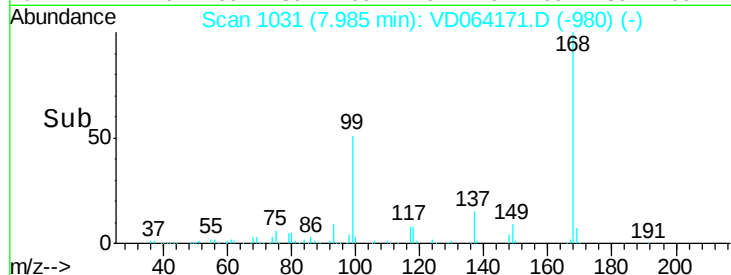
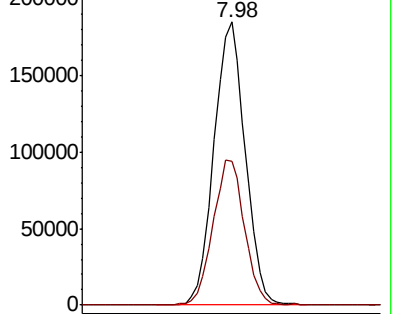
168 100

99 50.7 41.6 62.4



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: 64.784 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064171.D

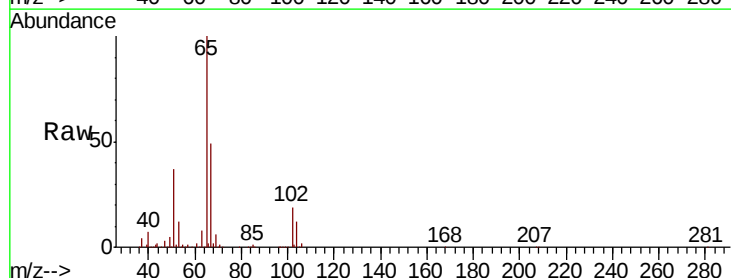
Acq: 08 Nov 2019 23:03

Tgt Ion: 65 Resp: 221585

Ion Ratio Lower Upper

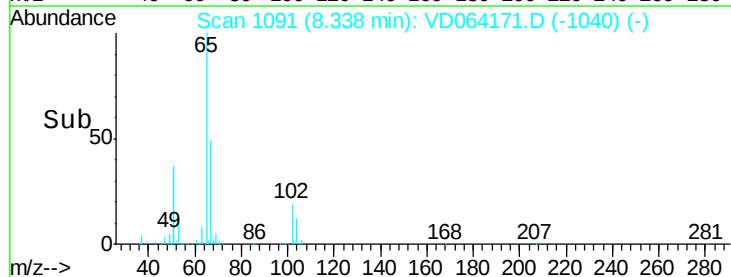
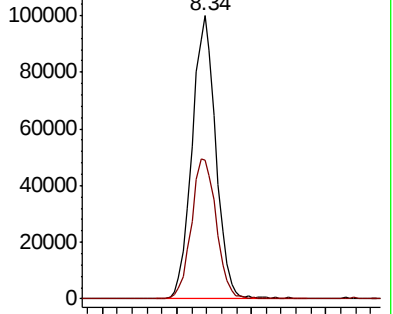
65 100

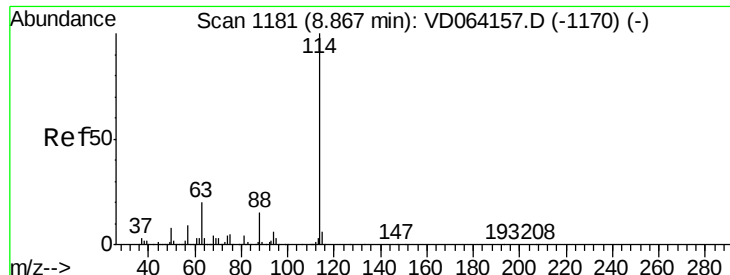
67 51.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

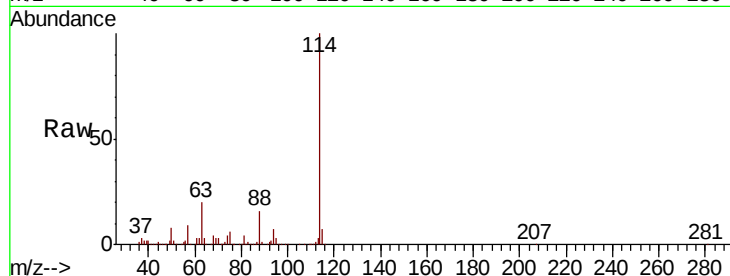




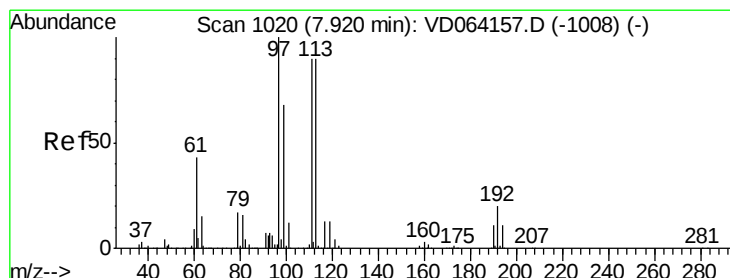
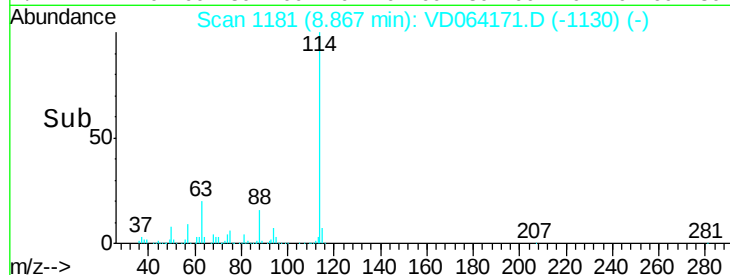
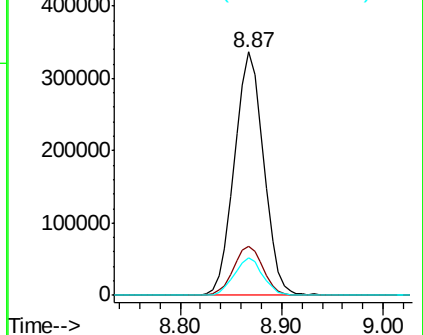
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064171.D
Acq: 08 Nov 2019 23:03

Instrument :
MSVOA_D
ClientSampleId :
1-CRE

Tot Ion:114 Resp: 675357
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.0
88 15.6 0.0 30.2

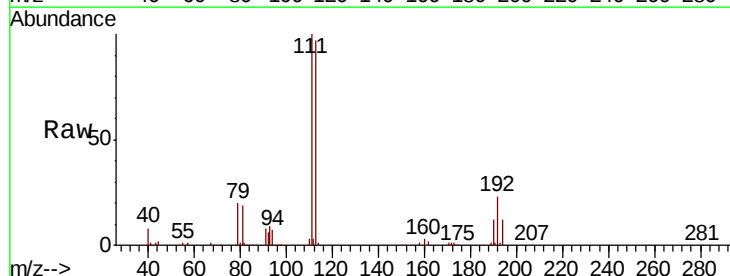


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

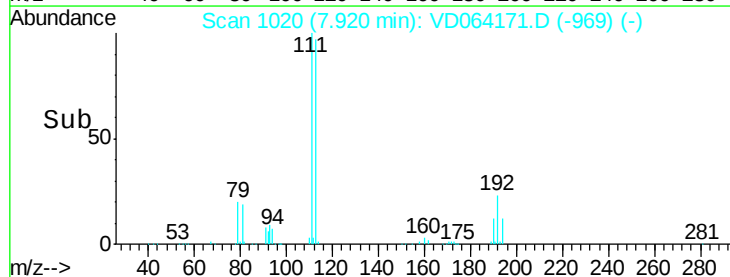
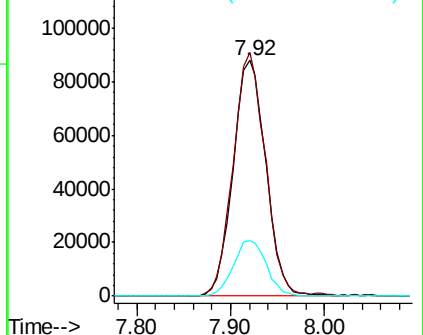


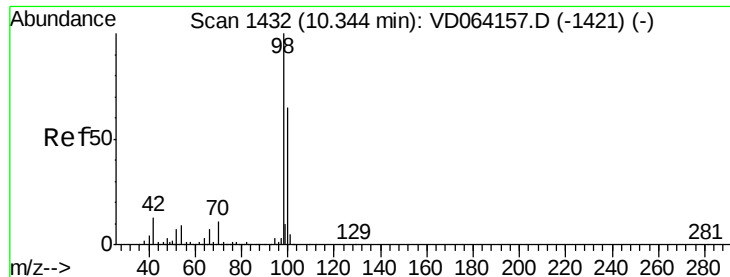
#35
Dibromofluoromethane
Concen: 54.963 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064171.D
Acq: 08 Nov 2019 23:03

Tgt Ion:113 Resp: 213073
Ion Ratio Lower Upper
113 100
111 101.7 81.5 122.3
192 23.7 18.8 28.2



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: 55.290 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064171.D

Acq: 08 Nov 2019 23:03

Instrument :

MSVOA_D

ClientSampleId :

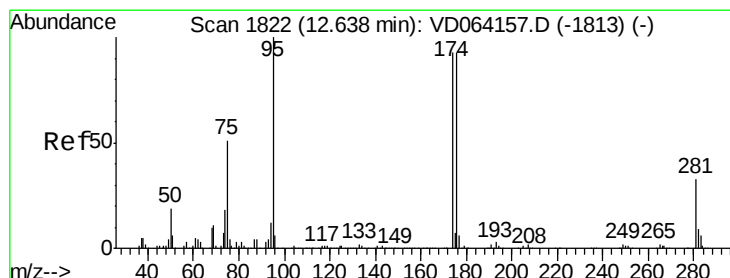
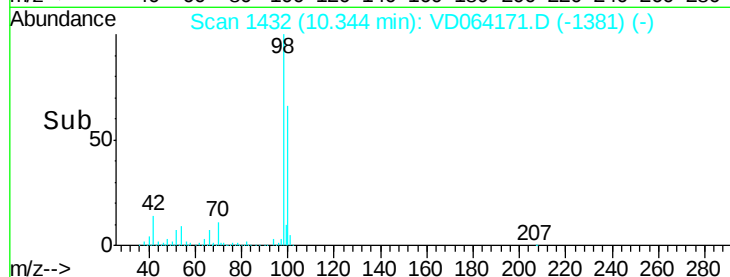
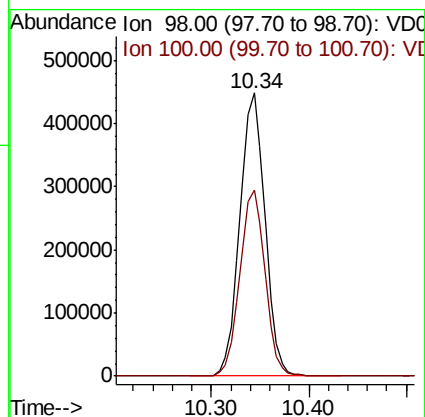
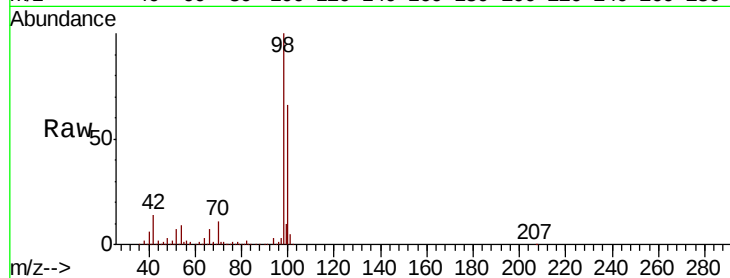
1-CRE

Tot Ion: 98 Resp: 808582

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 62.998 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064171.D

Acq: 08 Nov 2019 23:03

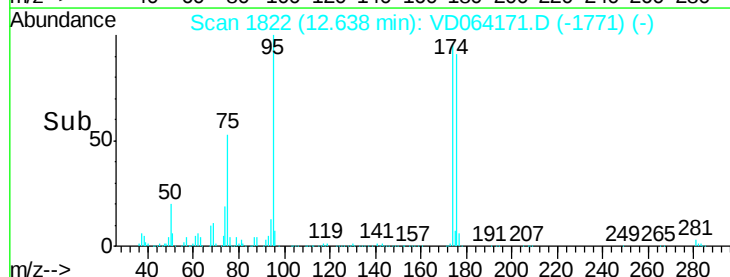
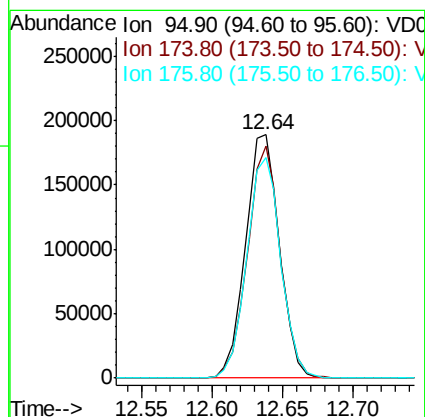
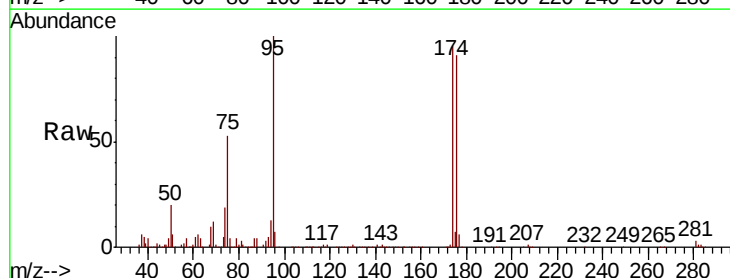
Tgt Ion: 95 Resp: 319055

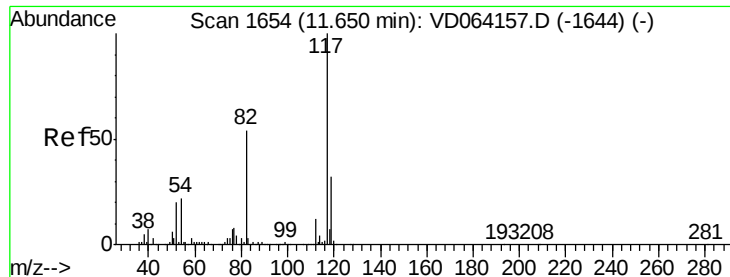
Ion Ratio Lower Upper

95 100

174 92.1 0.0 183.6

176 90.9 0.0 180.2

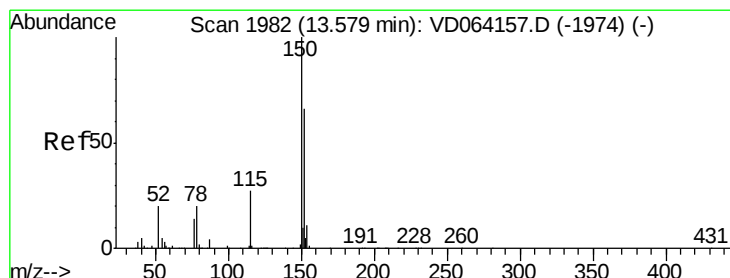
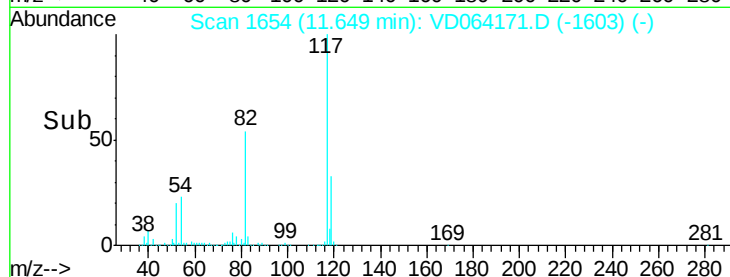
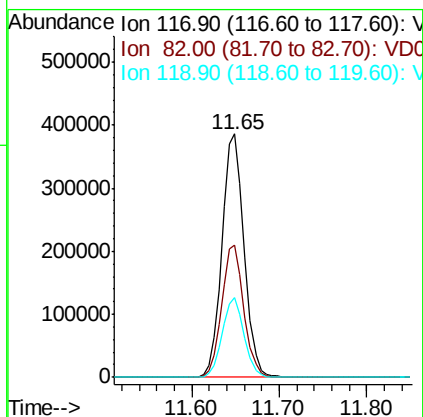
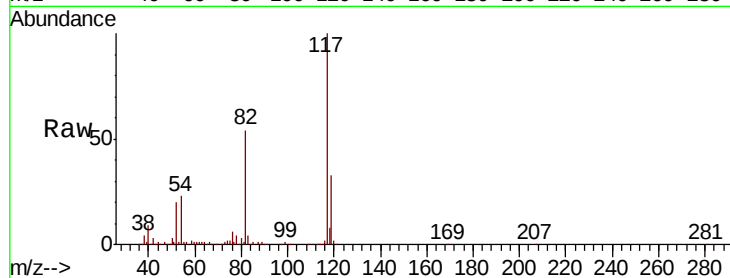




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064171.D
Acq: 08 Nov 2019 23:03

Instrument :
MSVOA_D
ClientSampleId :
1-CRE

Tot Ion:117 Resp: 671874
Ion Ratio Lower Upper
117 100
82 54.2 42.8 64.2
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD064171.D
Acq: 08 Nov 2019 23:03

Tgt Ion:152 Resp: 348799
Ion Ratio Lower Upper
152 100
115 55.9 27.4 82.2
150 157.6 0.0 351.6

