

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064293.D
 Acq On : 19 Nov 2019 16:51
 Operator : VA/SY
 Sample : K5927-02
 Misc : 7.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2

Quant Time: Nov 20 05:40:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	431735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	625692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	572573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	295529	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	228282	64.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.58%	
35) Dibromofluoromethane	7.92	113	199875	55.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.30%	
50) Toluene-d8	10.34	98	745496	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
62) 4-Bromofluorobenzene	12.64	95	255234	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	

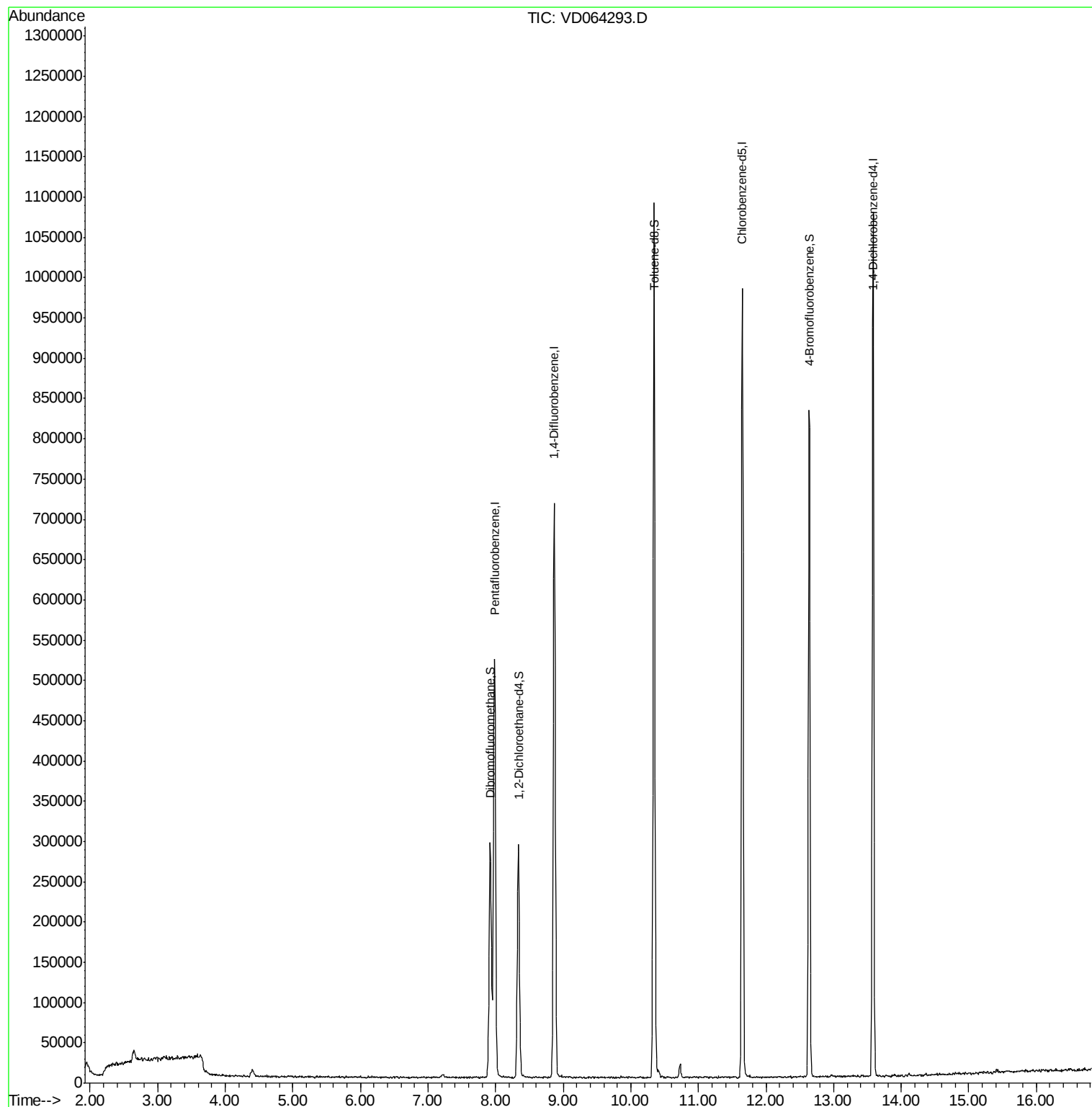
Target Compounds	Qvalue

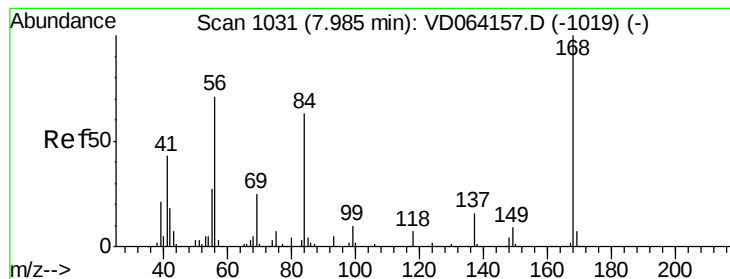
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064293.D

Acq: 19 Nov 2019 16:51

Instrument :

MSVOA_D

ClientSampled :

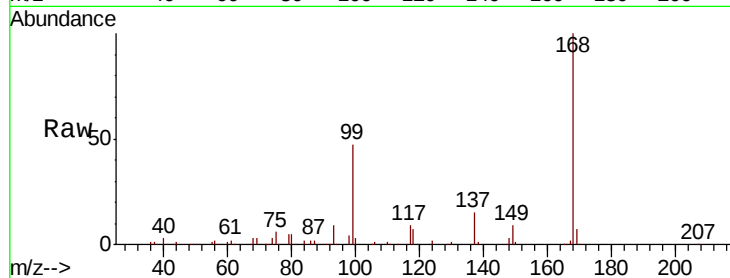
B-2

Tot Ion:168 Resp: 431735

Ion Ratio Lower Upper

168 100

99 47.3 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

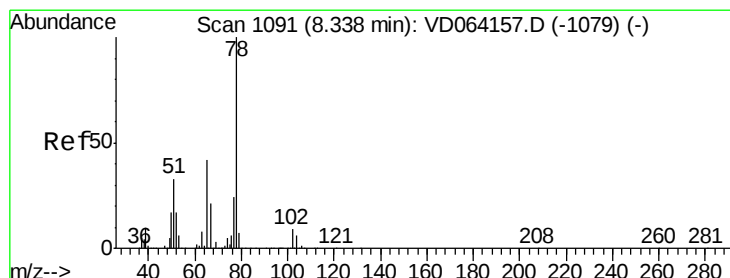
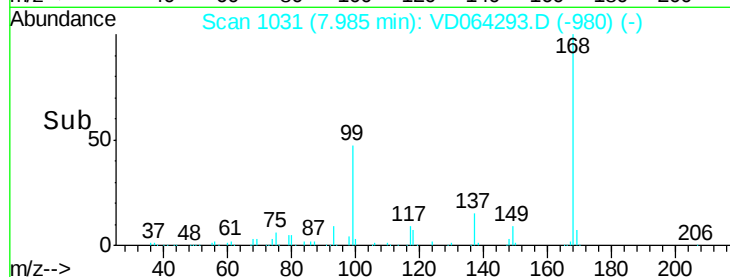
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 64.291 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064293.D

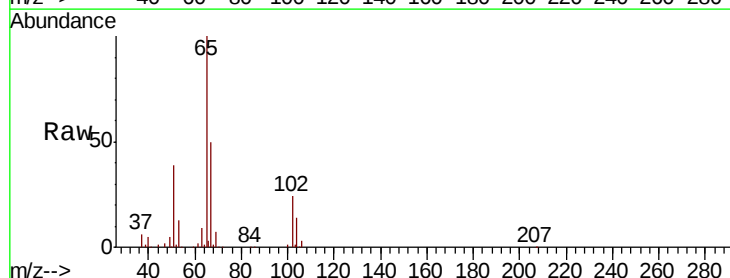
Acq: 19 Nov 2019 16:51

Tgt Ion: 65 Resp: 228282

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

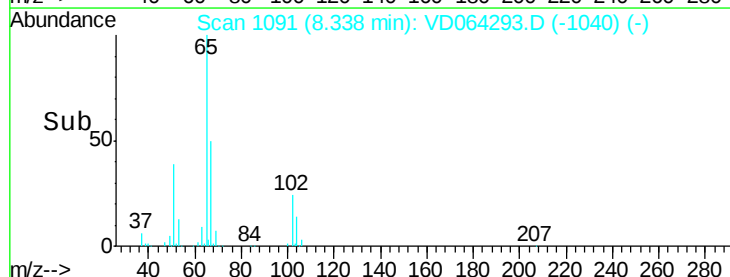
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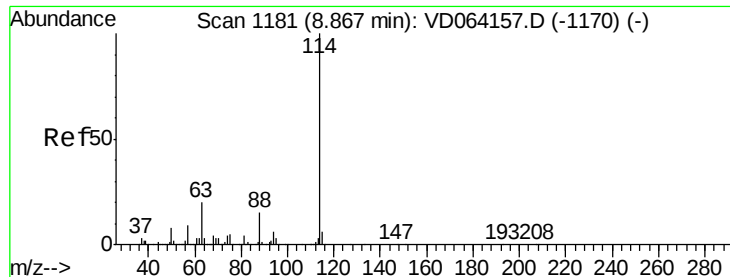
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20000

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Time-->

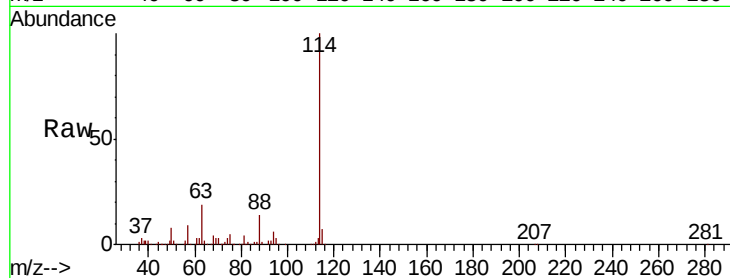




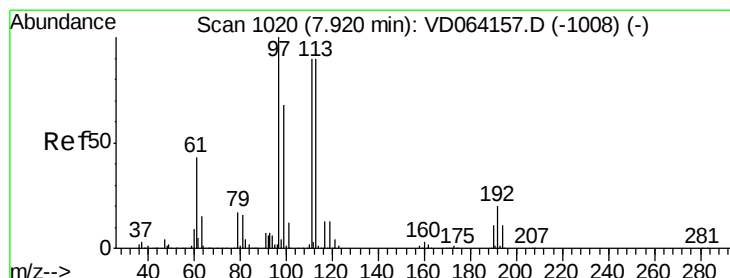
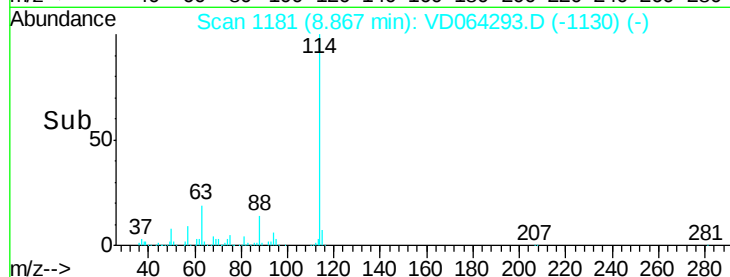
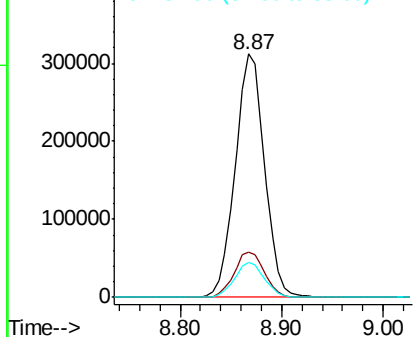
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064293.D
 Acq: 19 Nov 2019 16:51

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2

Tot Ion:114 Resp: 625692
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 40.0
 88 14.1 0.0 30.2

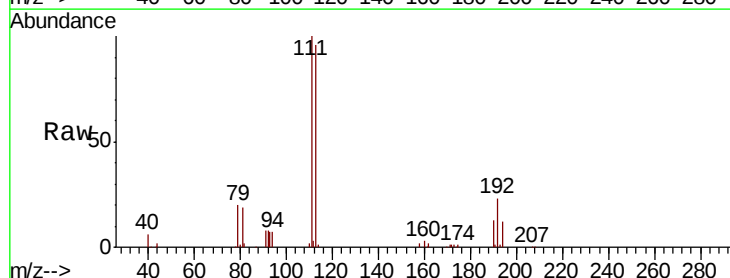


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

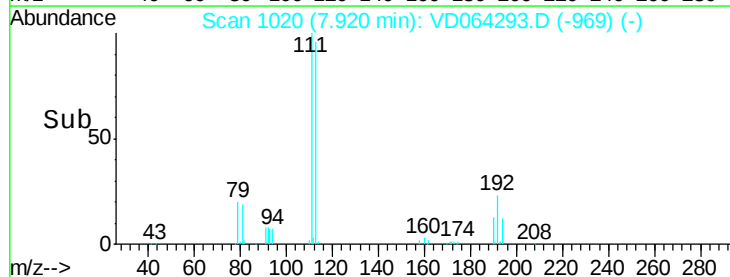
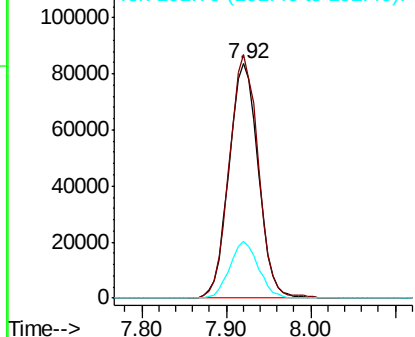


#35
 Dibromofluoromethane
 Concen: 55.651 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064293.D
 Acq: 19 Nov 2019 16:51

Tgt Ion:113 Resp: 199875
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.5 122.3
 192 23.5 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

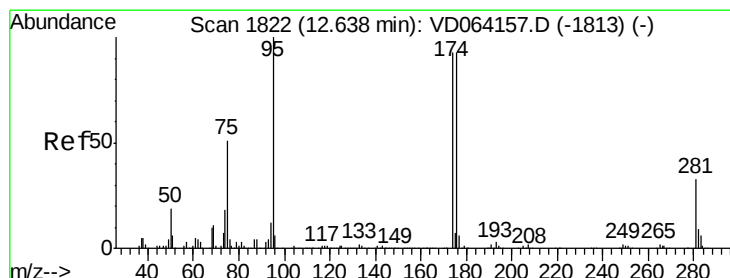
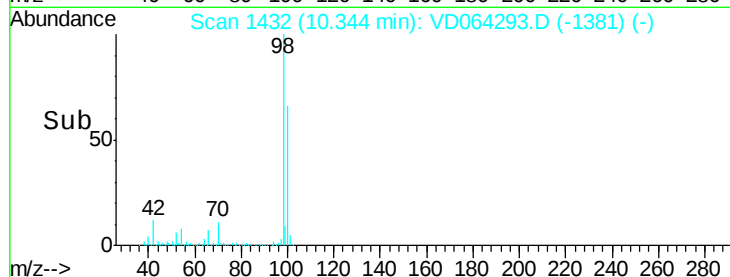
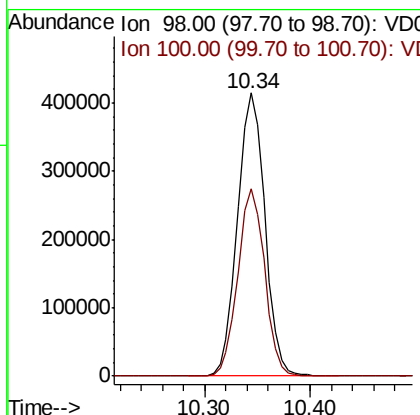
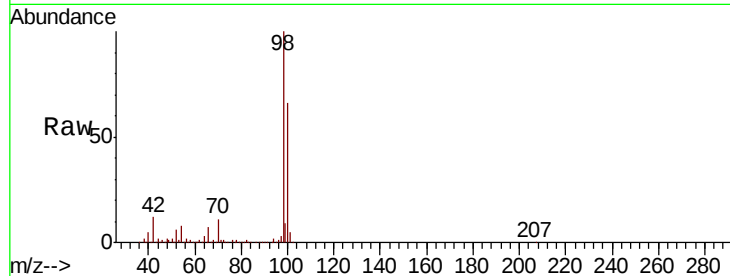




#50
Toluene-d8
Concen: 55.022 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064293.D
Acq: 19 Nov 2019 16:51

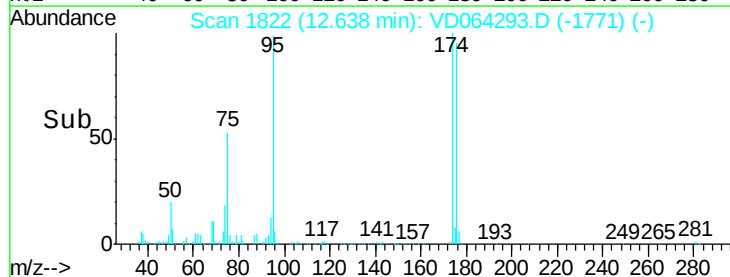
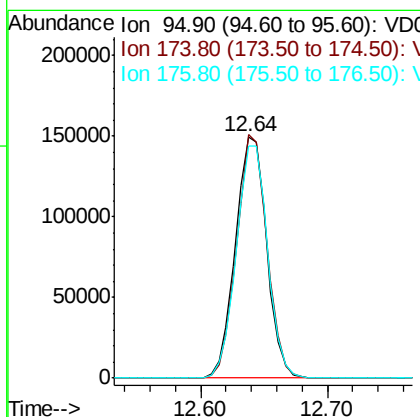
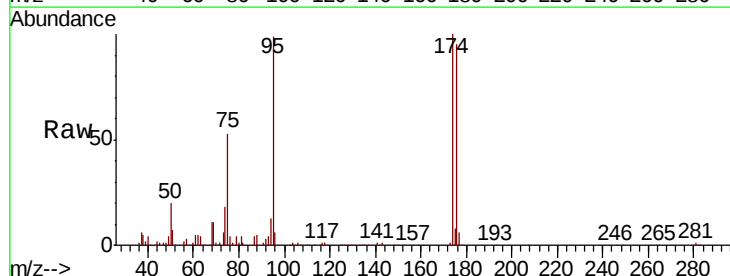
Instrument :
MSVOA_D
ClientSampleId :
B-2

Tot Ion: 98 Resp: 745496
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.397 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064293.D
Acq: 19 Nov 2019 16:51

Tgt Ion: 95 Resp: 255234
Ion Ratio Lower Upper
95 100
174 97.9 0.0 183.6
176 96.3 0.0 180.2

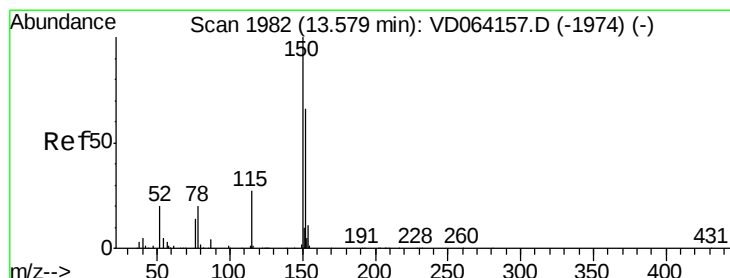
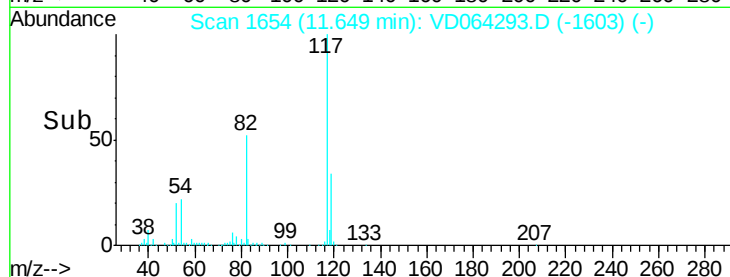
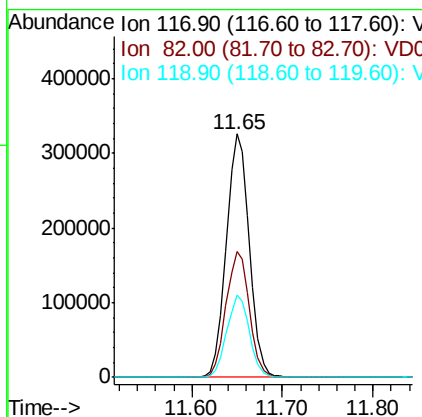
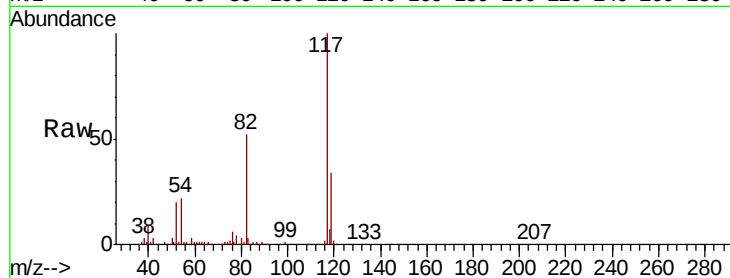




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064293.D
Acq: 19 Nov 2019 16:51

Instrument :
MSVOA_D
ClientSampled :
B-2

Tot Ion:117 Resp: 572573
Ion Ratio Lower Upper
117 100
82 51.7 42.8 64.2
119 33.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064293.D
Acq: 19 Nov 2019 16:51

Tgt Ion:152 Resp: 295529
Ion Ratio Lower Upper
152 100
115 53.7 27.4 82.2
150 155.1 0.0 351.6

