

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103119\
 Data File : VD064141.D
 Acq On : 31 Oct 2019 19:12
 Operator : VA/SY
 Sample : K5603-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190948-COMPOSITE-KM-PA

Quant Time: Nov 01 08:20:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	210671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	338951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	339002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	161527	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	84694	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	7.92	113	103449	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	10.34	98	405889	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.64	95	130953	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	

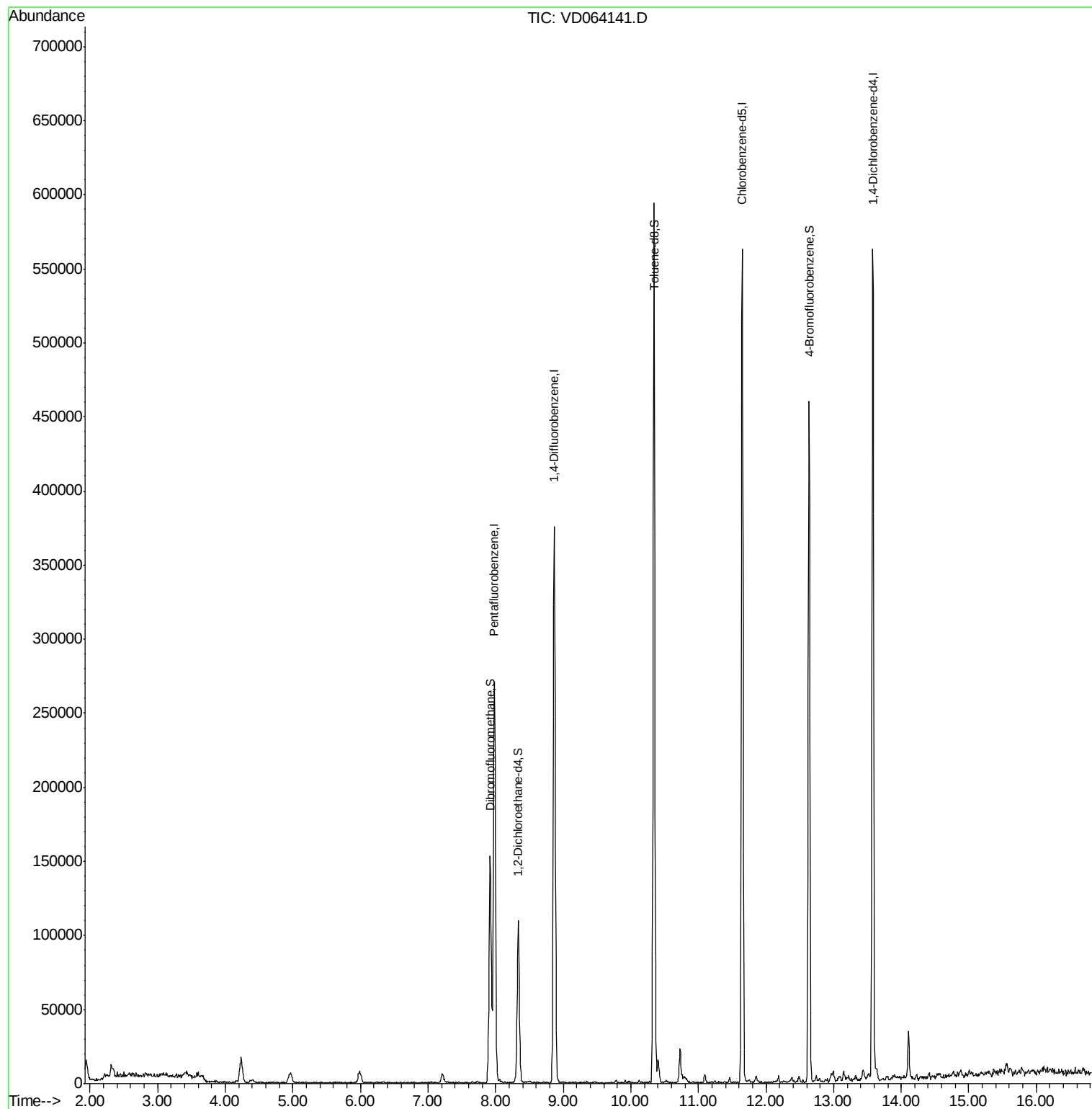
Target Compounds	Qvalue
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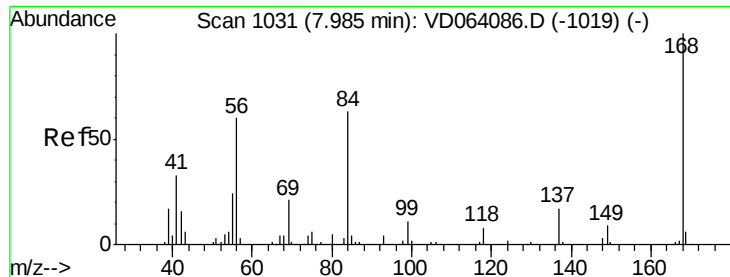
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD103119\
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QLast Update : Wed Oct 30 08:00:10 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064141.D

Acq: 31 Oct 2019 19:12

Instrument :

MSVOA_D

ClientSampleId :

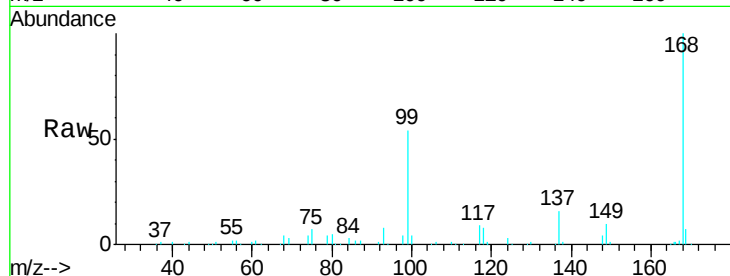
20190948-COMPOSITE-KM-PA

Tgt Ion:168 Resp: 210671

Ion Ratio Lower Upper

168 100

99 54.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

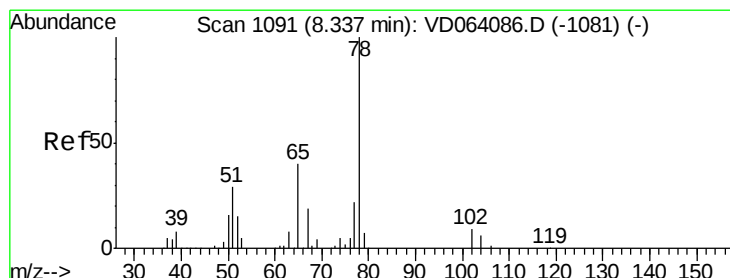
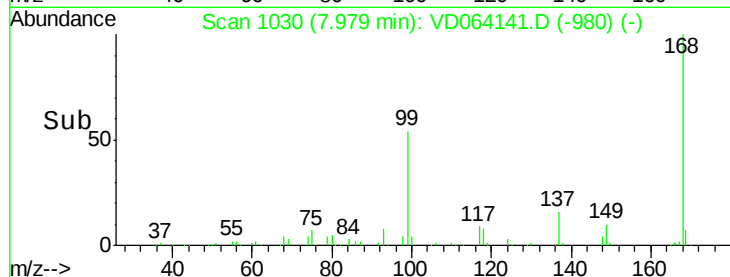
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.549 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064141.D

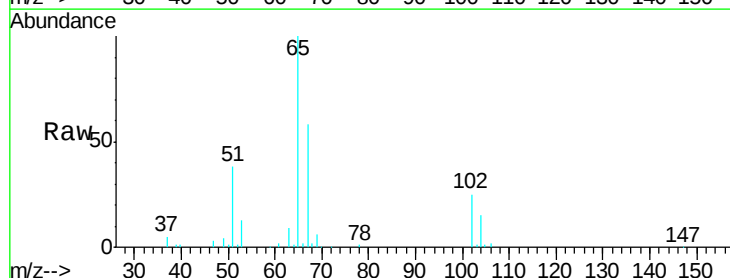
Acq: 31 Oct 2019 19:12

Tgt Ion: 65 Resp: 84694

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

40000

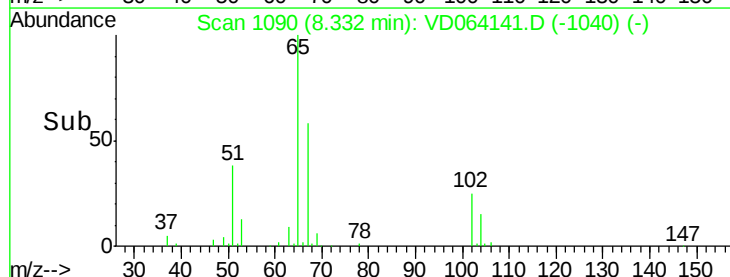
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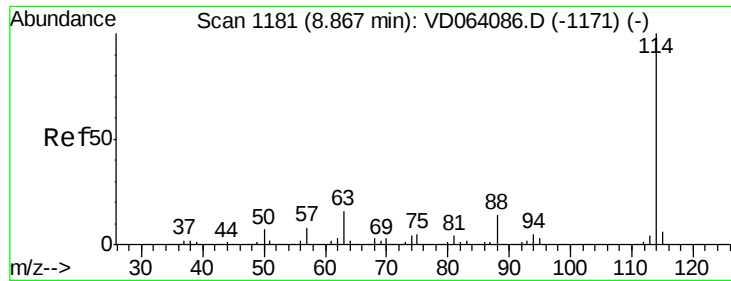
20000

10000

0

Time-->

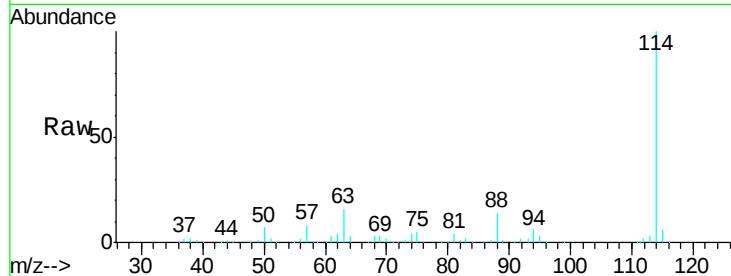




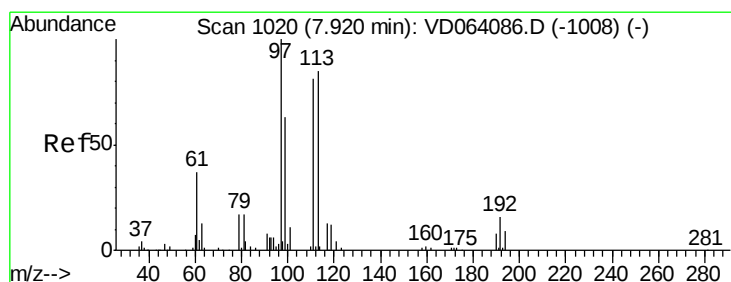
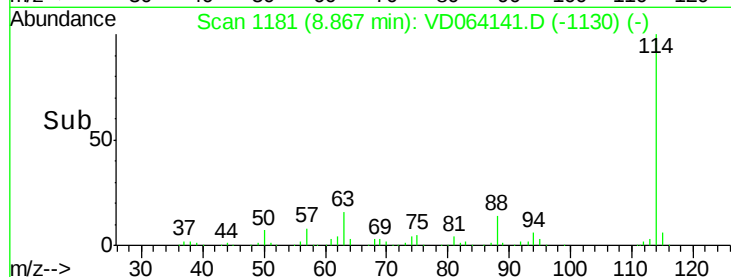
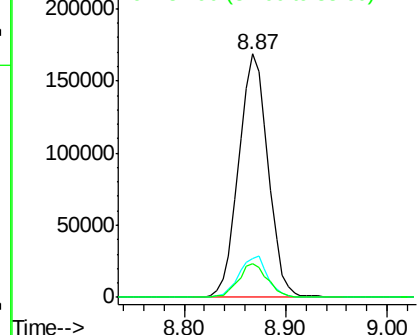
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064141.D
 Acq: 31 Oct 2019 19:12

Instrument :
 MSVOA_D
 ClientSampleId :
 20190948-COMPOSITE-KM-PA

Tgt Ion:114 Resp: 338951
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 32.8
 88 14.1 0.0 27.6

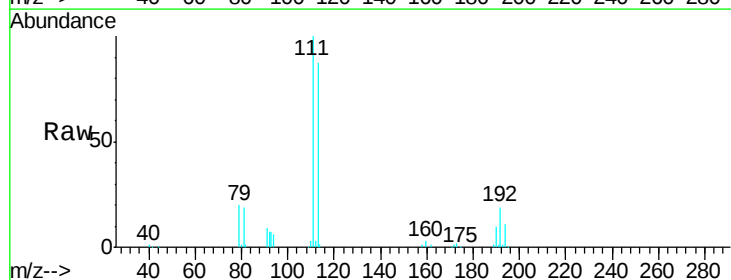


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

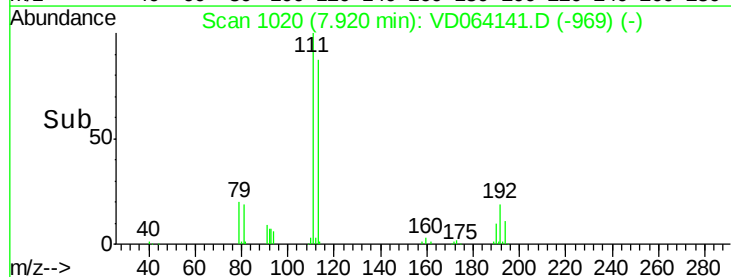
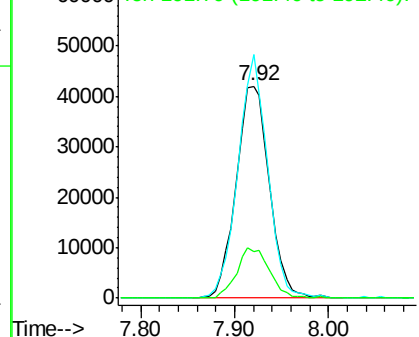


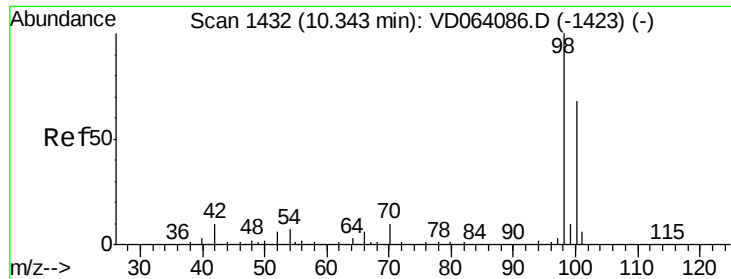
#35
 Dibromofluoromethane
 Concen: 49.608 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064141.D
 Acq: 31 Oct 2019 19:12

Tgt Ion:113 Resp: 103449
 Ion Ratio Lower Upper
 113 100
 111 102.3 79.3 118.9
 192 23.2 16.2 24.2



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: 48.670 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064141.D

Acq: 31 Oct 2019 19:12

Instrument :

MSVOA_D

ClientSampleId :

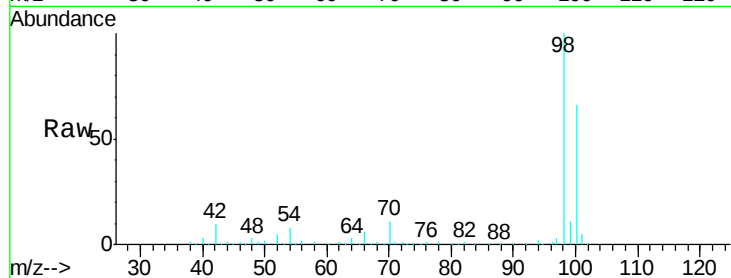
20190948-COMPOSITE-KM-PA

Tgt Ion: 98 Resp: 405889

Ion Ratio Lower Upper

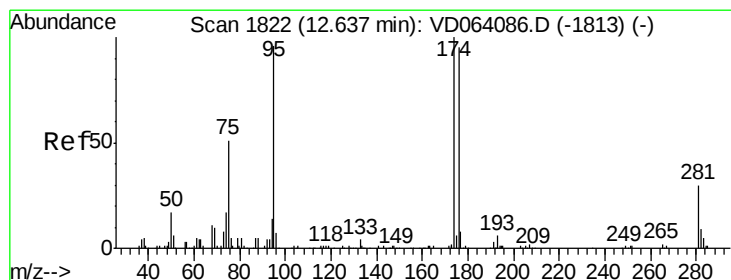
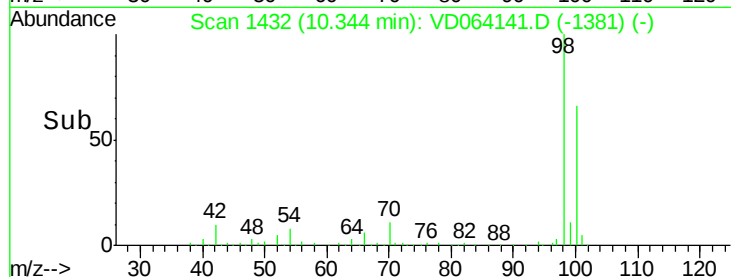
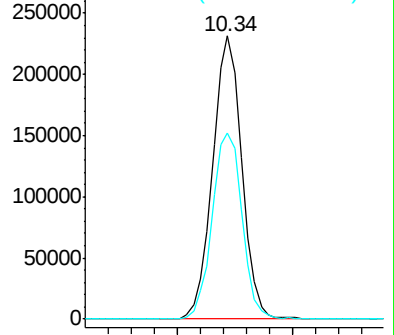
98 100

100 67.6 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 47.364 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064141.D

Acq: 31 Oct 2019 19:12

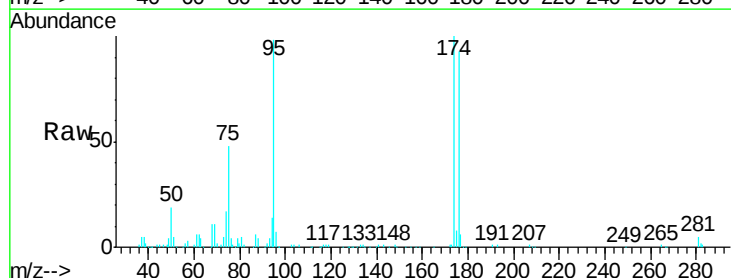
Tgt Ion: 95 Resp: 130953

Ion Ratio Lower Upper

95 100

174 104.2 0.0 201.6

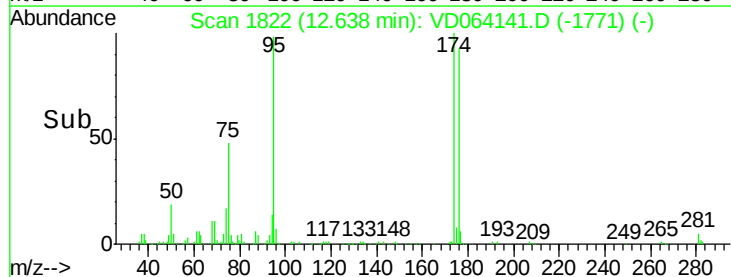
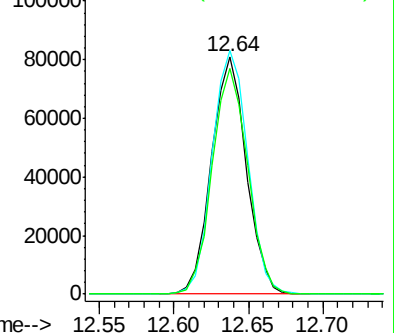
176 97.0 0.0 192.6

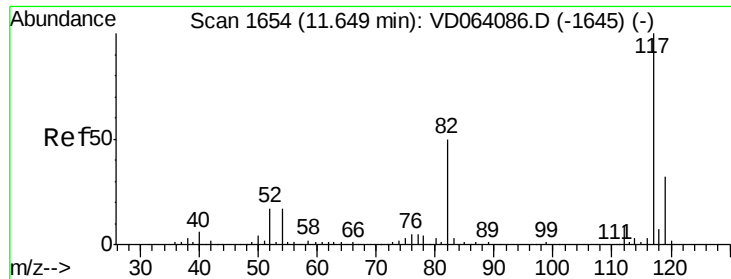


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

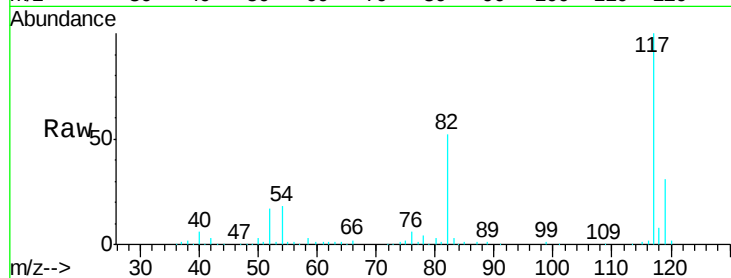




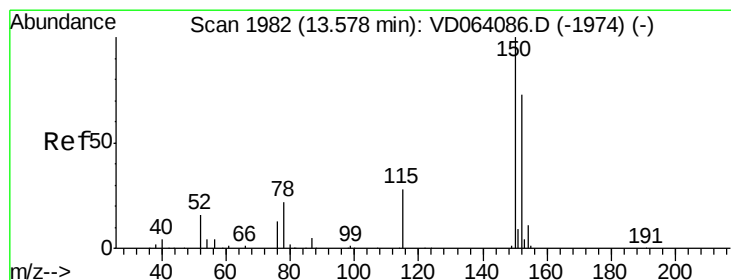
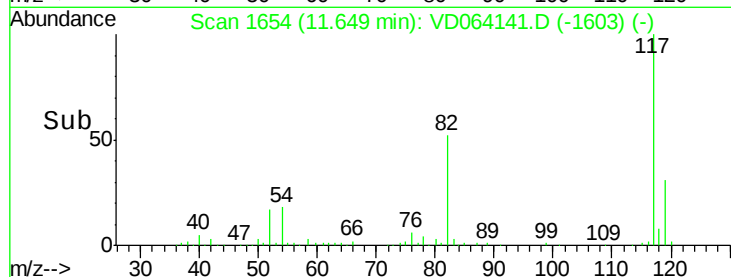
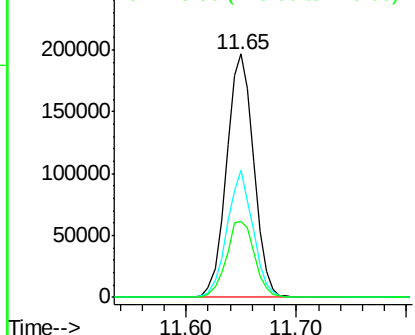
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064141.D
Acq: 31 Oct 2019 19:12

Instrument :
MSVOA_D
ClientSampleId :
20190948-COMPOSITE-KM-PA

Tgt Ion:117 Resp: 339002
Ion Ratio Lower Upper
117 100
82 52.2 40.2 60.4
119 31.3 26.0 39.0

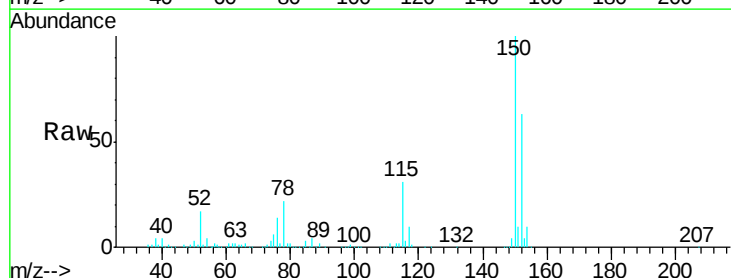


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064141.D
Acq: 31 Oct 2019 19:12

Tgt Ion:152 Resp: 161527
Ion Ratio Lower Upper
152 100
115 51.1 26.2 78.6
150 153.5 0.0 338.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

