

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064273.D
 Acq On : 18 Nov 2019 19:21
 Operator : VA/SY
 Sample : K5840-12RE
 Misc : 5.23G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PHIPPS-BH-SE-02RE

Quant Time: Nov 19 06:11:17 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	7.99	168	82172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	128016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	117496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	64663	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	52233	77.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	154.58%	
35) Dibromofluoromethane	7.91	113	40255	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	
50) Toluene-d8	10.34	98	148565	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
62) 4-Bromofluorobenzene	12.64	95	54655	56.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.86%	

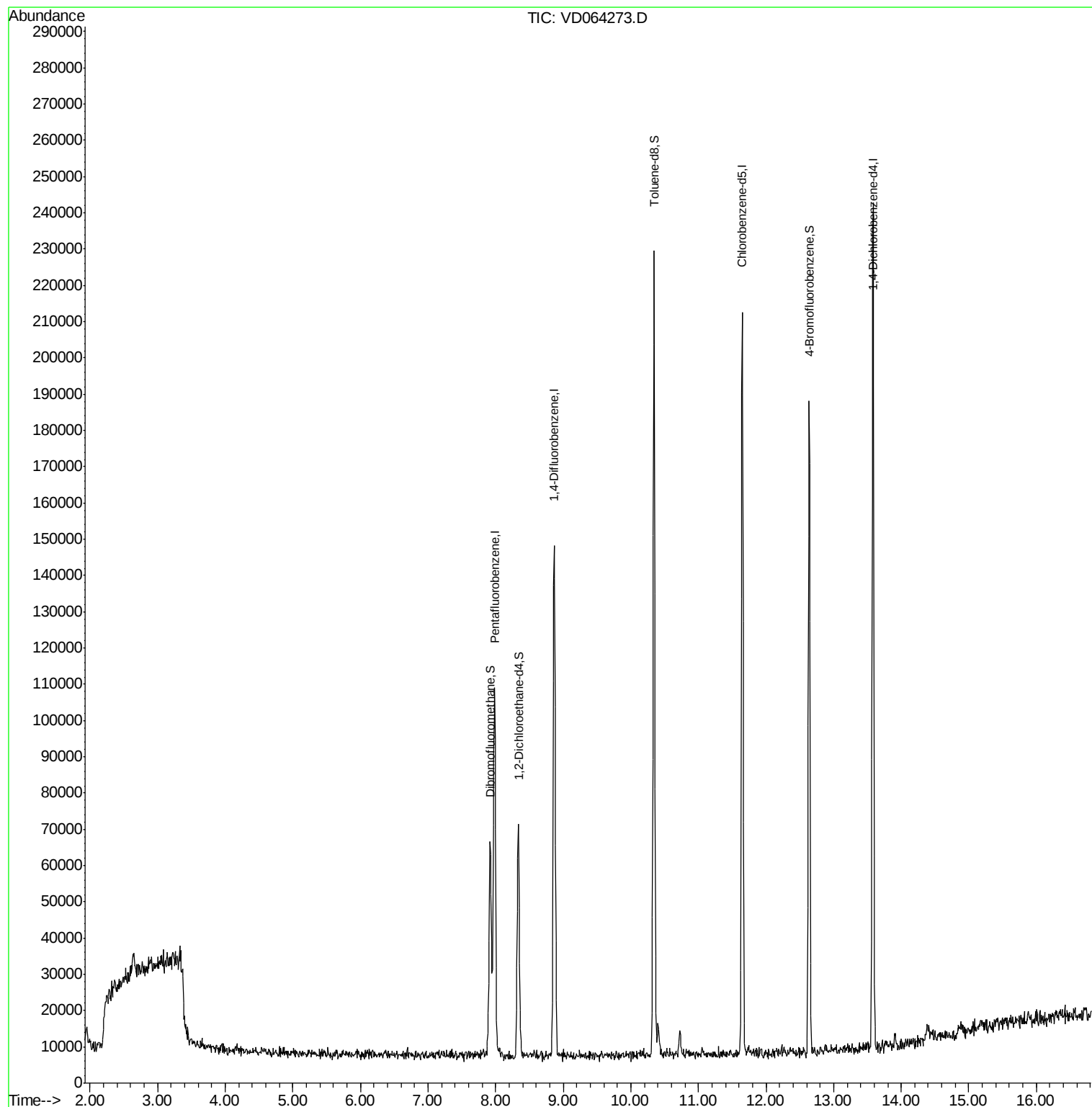
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 12 02:43:24 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

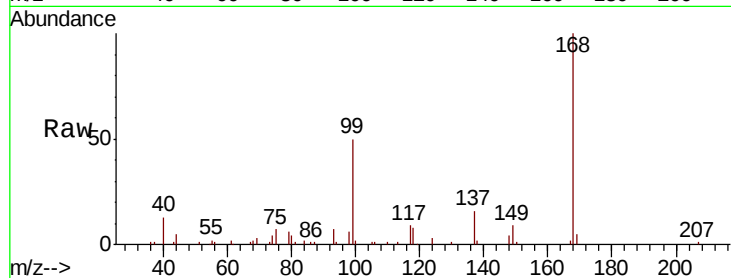
PHIPPS-BH-SE-02RE

Tot Ion:168 Resp: 82172

Ion Ratio Lower Upper

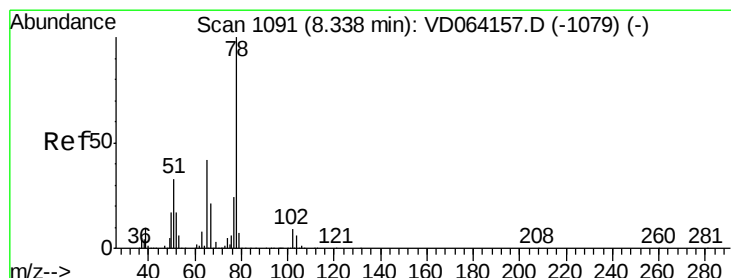
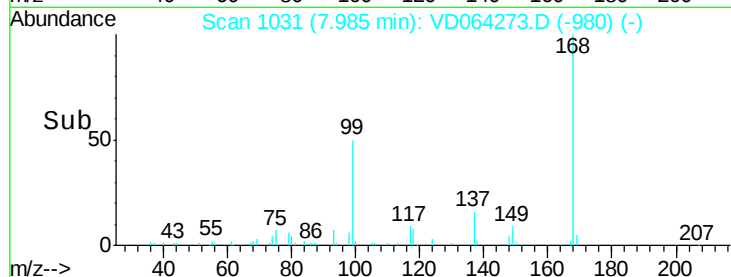
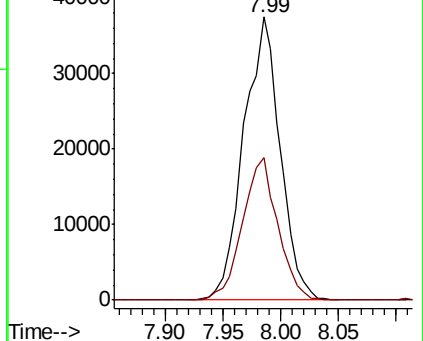
168 100

99 50.1 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: 77.289 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064273.D

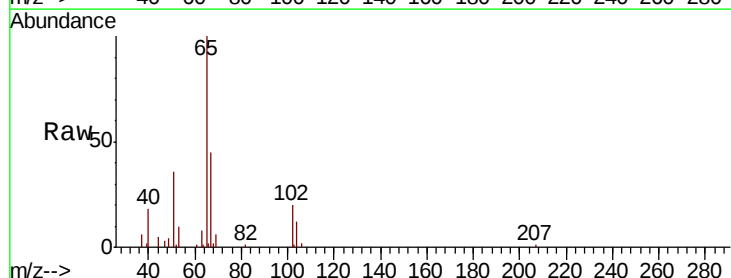
Acq: 18 Nov 2019 19:21

Tgt Ion: 65 Resp: 52233

Ion Ratio Lower Upper

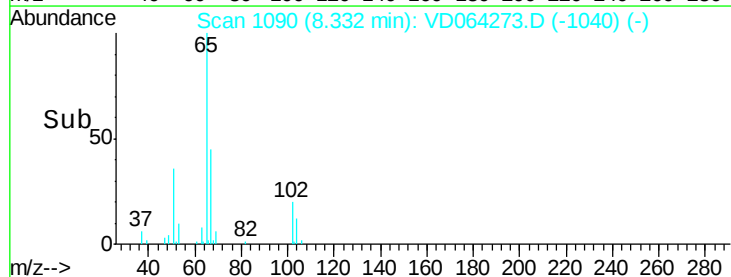
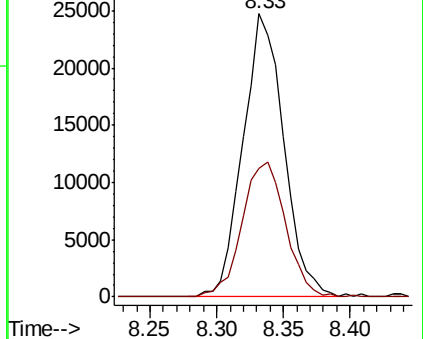
65 100

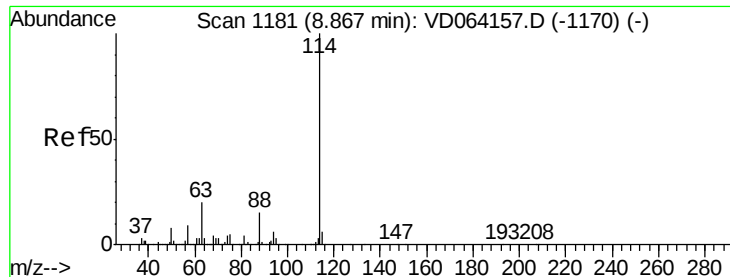
67 50.8 0.0 104.4



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: VD064273.D

Acq: 18 Nov 2019 19:21

Instrument :

MSVOA_D

ClientSampleId :

PHIPPS-BH-SE-02RE

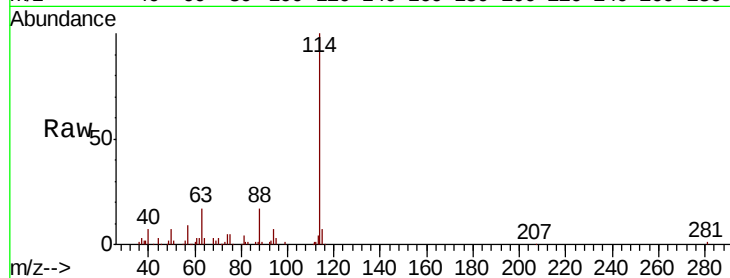
Tot Ion:114 Resp: 128016

Ion Ratio Lower Upper

114 100

63 16.8 0.0 40.0

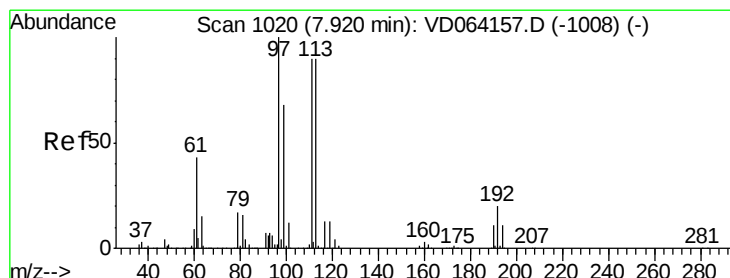
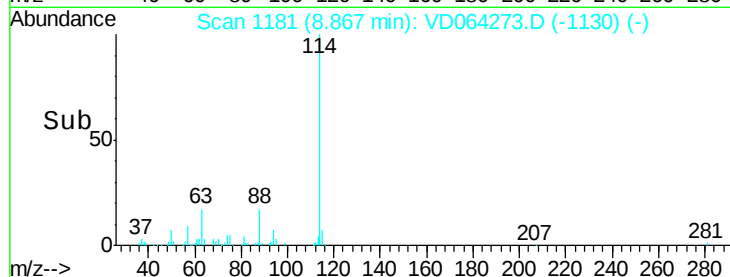
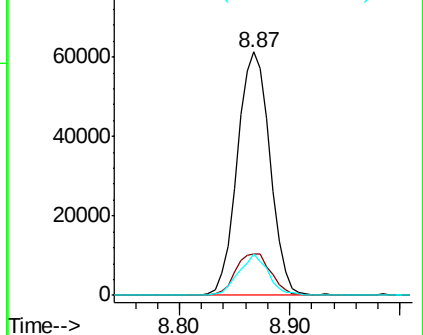
88 17.0 0.0 30.2



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: 54.781 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064273.D

Acq: 18 Nov 2019 19:21

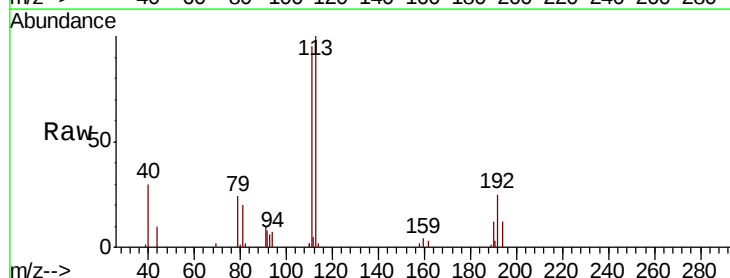
Tgt Ion:113 Resp: 40255

Ion Ratio Lower Upper

113 100

111 103.9 81.5 122.3

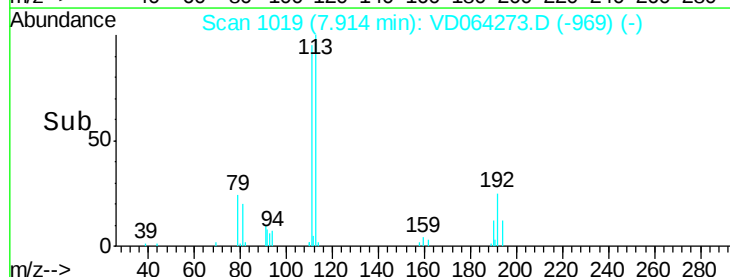
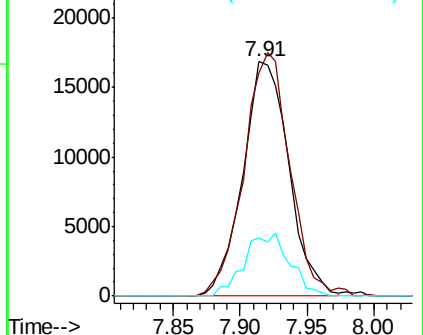
192 26.4 18.8 28.2



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: 53.593 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064273.D

Acq: 18 Nov 2019 19:21

Instrument :

MSVOA_D

ClientSampleId :

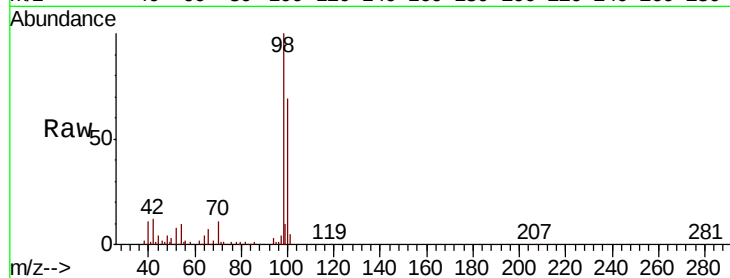
PHIPPS-BH-SE-02RE

Tot Ion: 98 Resp: 148565

Ion Ratio Lower Upper

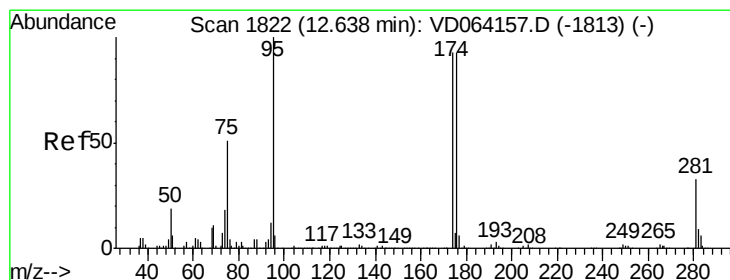
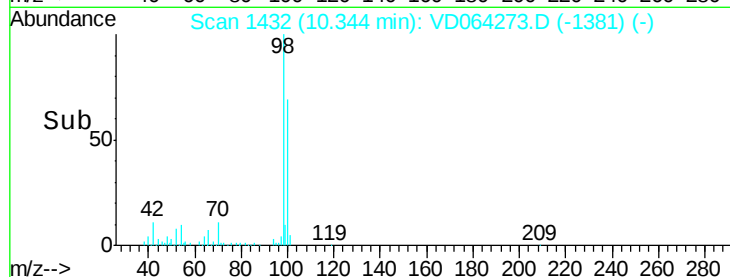
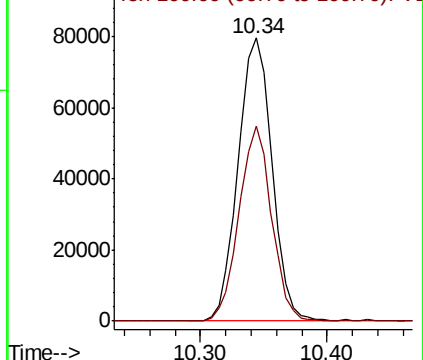
98 100

100 66.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 56.932 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064273.D

Acq: 18 Nov 2019 19:21

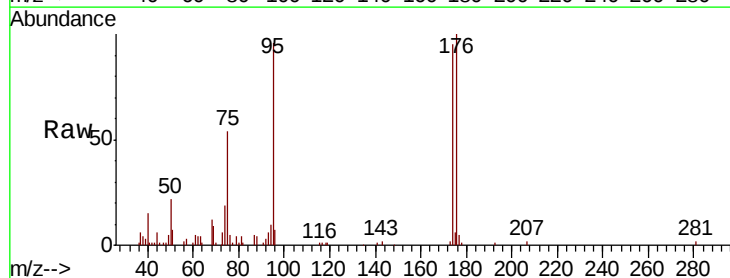
Tgt Ion: 95 Resp: 54655

Ion Ratio Lower Upper

95 100

174 98.3 0.0 183.6

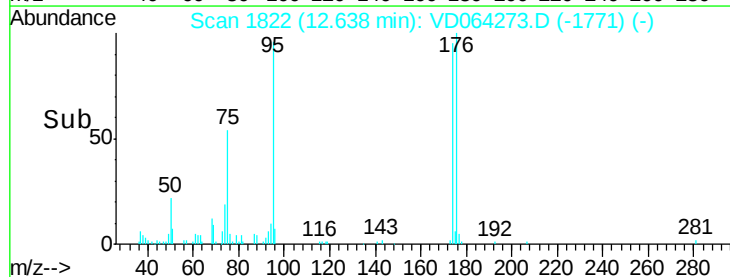
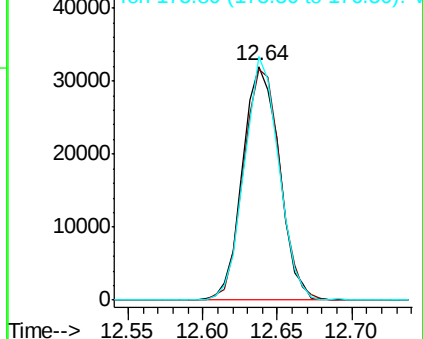
176 97.1 0.0 180.2

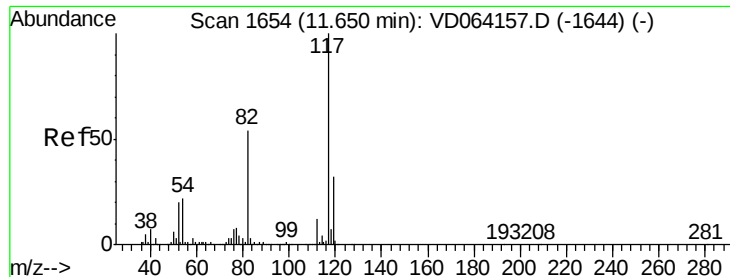


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

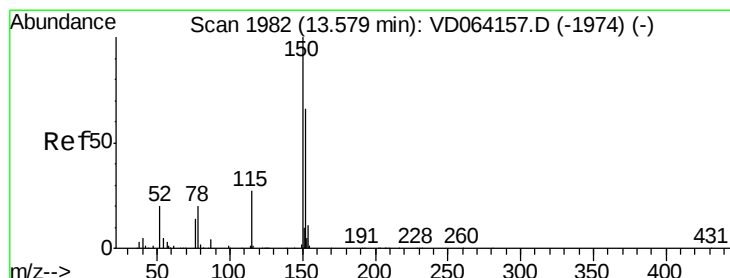
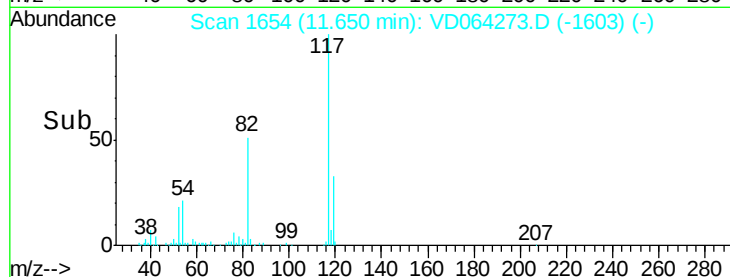
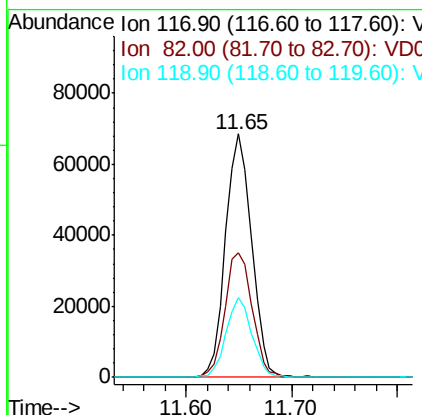
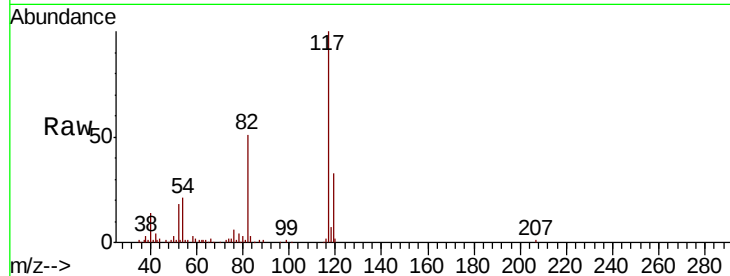




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064273.D
Acq: 18 Nov 2019 19:21

Instrument :
MSVOA_D
ClientSampleId :
PHIPPS-BH-SE-02RE

Tot Ion:117 Resp: 117496
Ion Ratio Lower Upper
117 100
82 51.4 42.8 64.2
119 32.7 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: VD064273.D
Acq: 18 Nov 2019 19:21

Tgt Ion:152 Resp: 64663
Ion Ratio Lower Upper
152 100
115 54.4 27.4 82.2
150 154.5 0.0 351.6

