

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067176.D
 Acq On : 08 Oct 2020 03:25
 Operator : VA/SY
 Sample : L4309-02
 Misc : 4.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OWLS-HEAD-BH-02-B

Quant Time: Oct 08 09:00:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

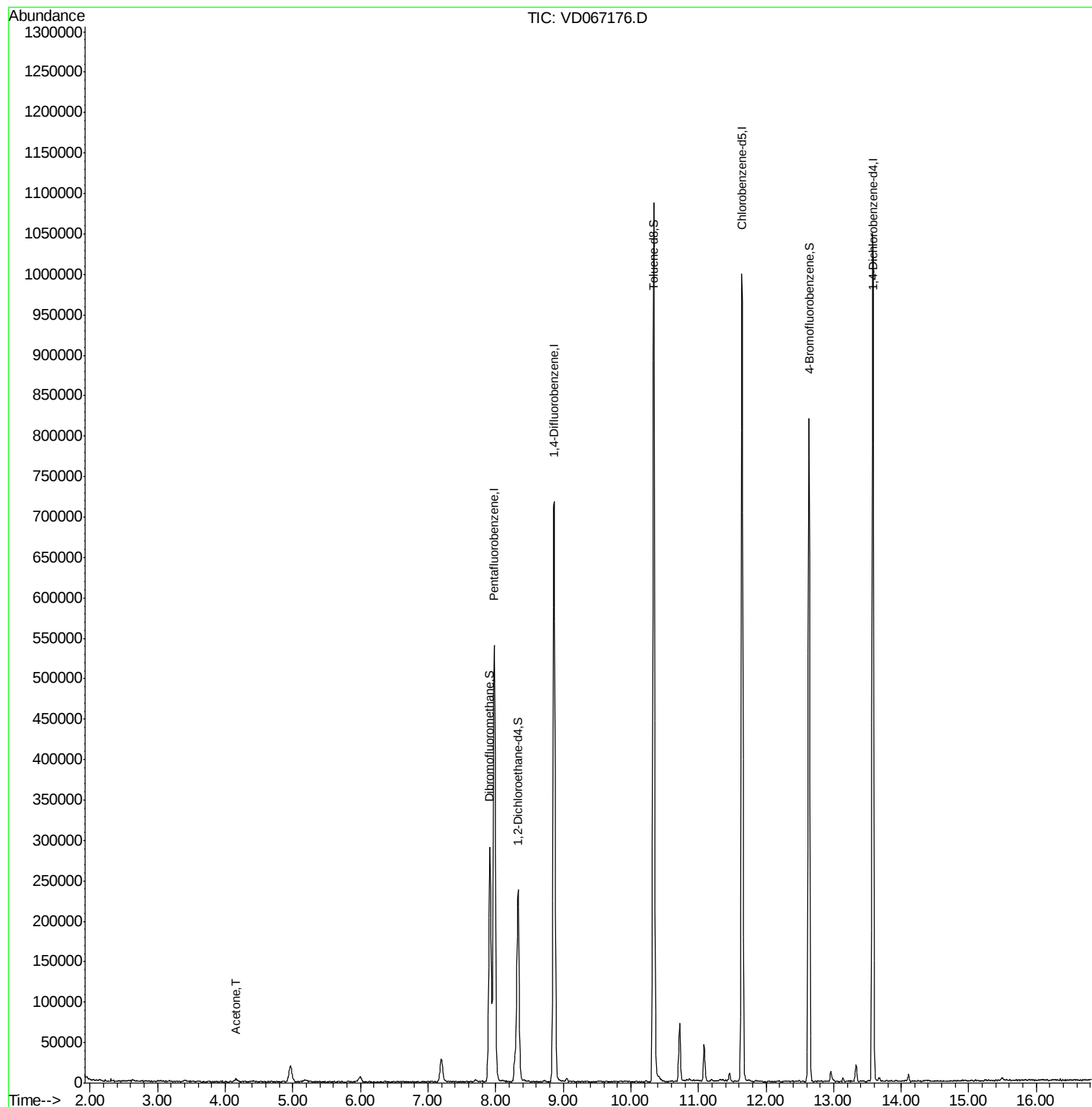
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	409748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	650292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	606613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	294868	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	195843	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
35) Dibromofluoromethane	7.91	113	211988	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	10.34	98	765217	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.64	95	257433	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
Target Compounds						
16) Acetone	4.16	43	5831	9.679	ug/l #	84

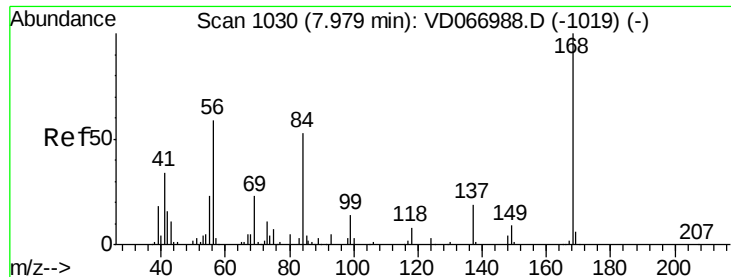
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067176.D

Acq: 08 Oct 2020 03:25

Instrument :

MSVOA_D

ClientSampleId :

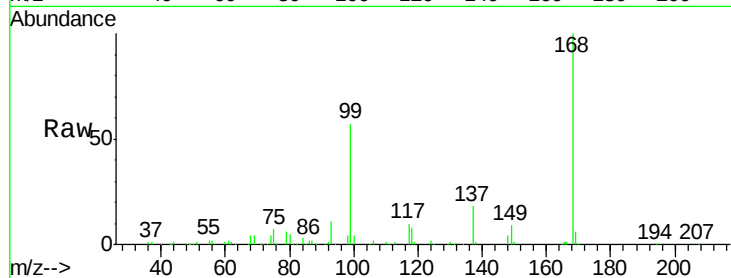
OWLS-HEAD-BH-02-B

Tot Ion:168 Resp: 409748

Ion Ratio Lower Upper

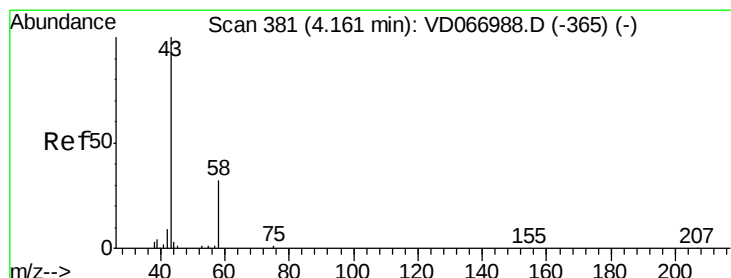
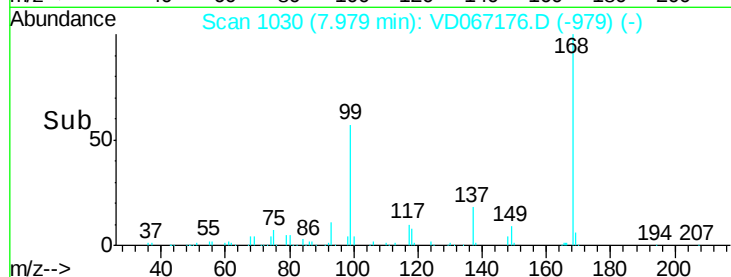
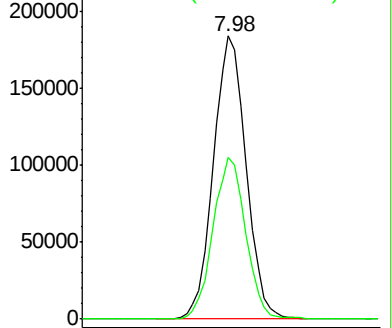
168 100

99 57.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 9.679 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067176.D

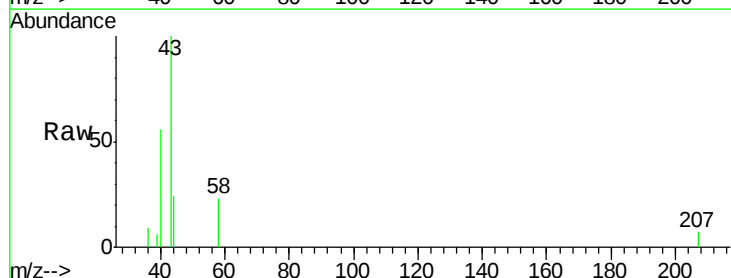
Acq: 08 Oct 2020 03:25

Tgt Ion: 43 Resp: 5831

Ion Ratio Lower Upper

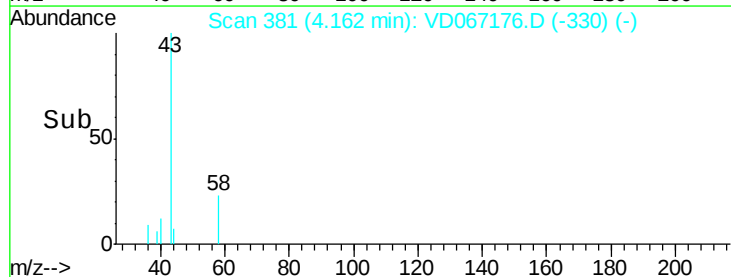
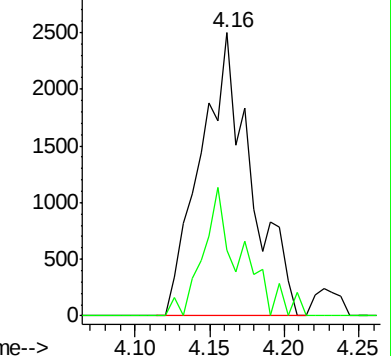
43 100

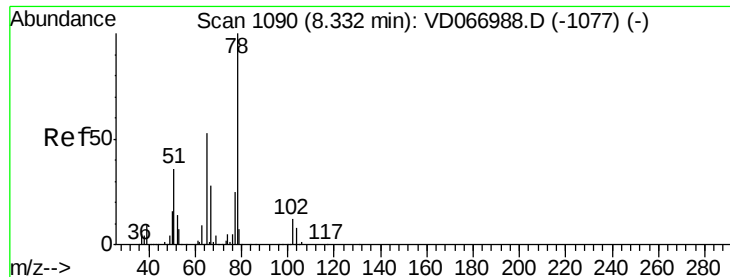
58 23.4 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

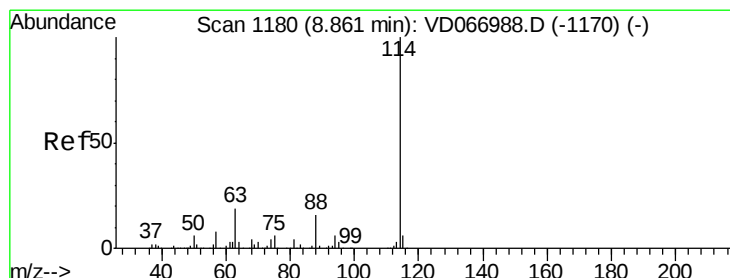
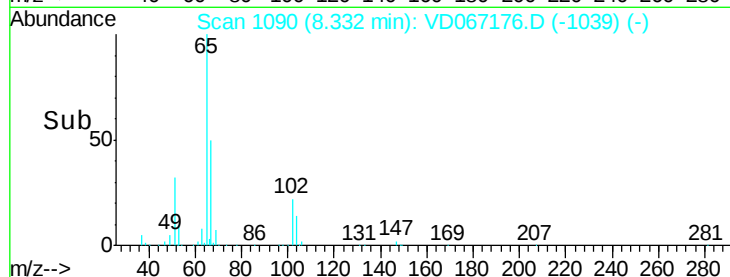
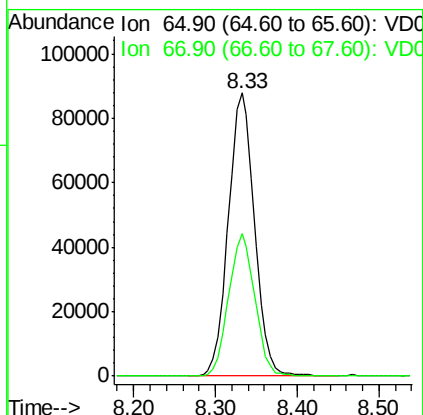
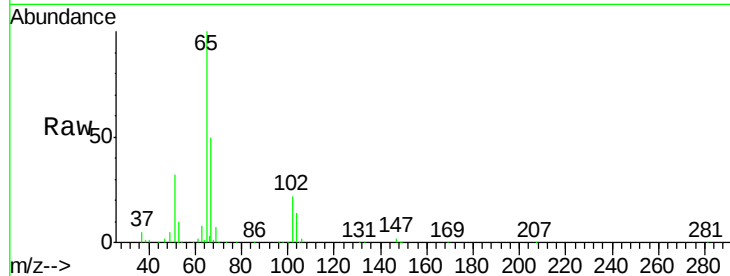




#33
 1,2-Dichloroethane-d4
 Concen: 49.622 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067176.D
 Acq: 08 Oct 2020 03:25

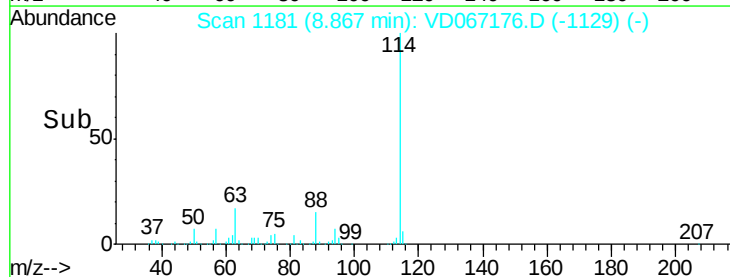
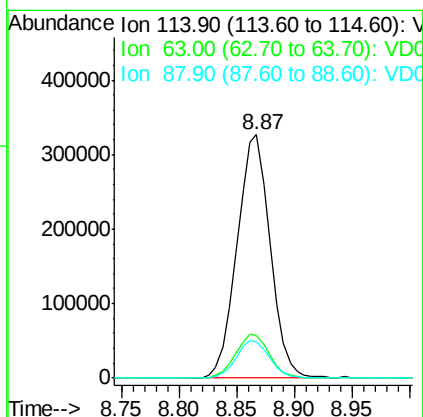
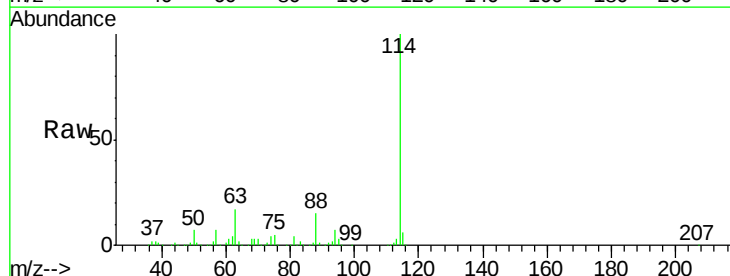
Instrument :
 MSVOA_D
 ClientSampleId :
 OWLS-HEAD-BH-02-B

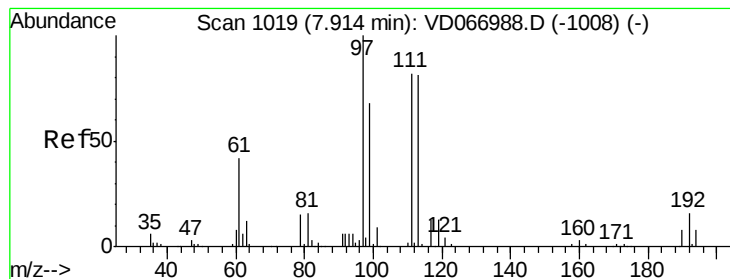
Tot Ion: 65 Resp: 195843
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067176.D
 Acq: 08 Oct 2020 03:25

Tgt Ion: 114 Resp: 650292
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 38.4
 88 14.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.794 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067176.D

Acq: 08 Oct 2020 03:25

Instrument :

MSVOA_D

ClientSampleId :

OWLS-HEAD-BH-02-B

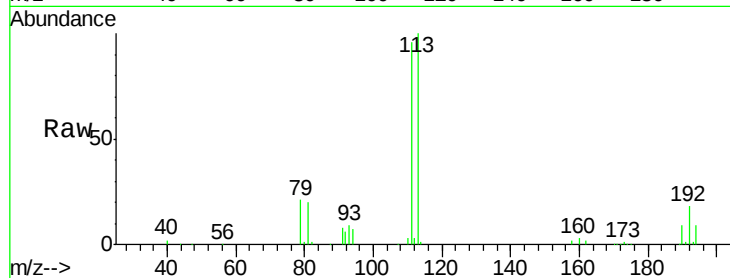
Tot Ion:113 Resp: 211988

Ion Ratio Lower Upper

113 100

111 100.1 83.0 124.4

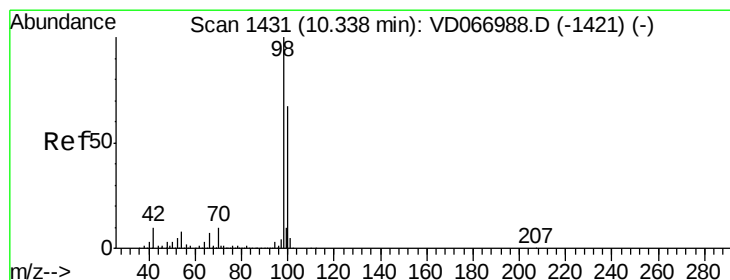
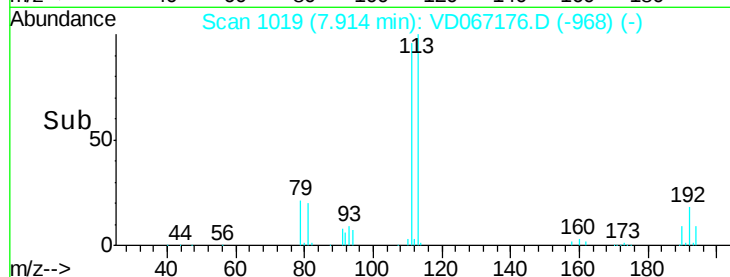
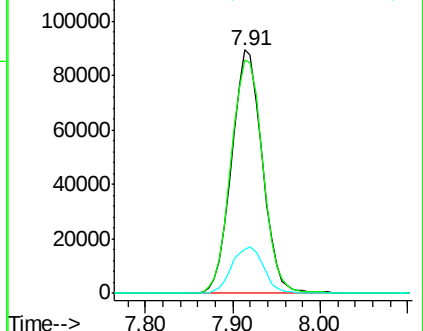
192 19.7 15.5 23.3



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: 49.327 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067176.D

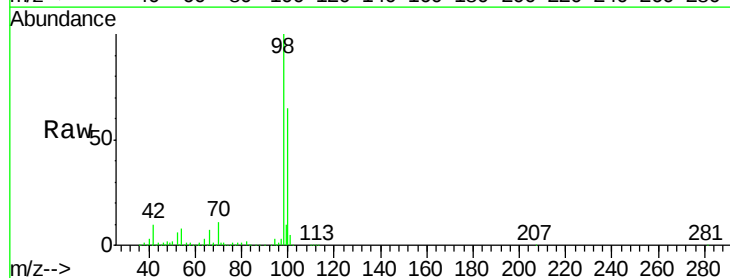
Acq: 08 Oct 2020 03:25

Tgt Ion: 98 Resp: 765217

Ion Ratio Lower Upper

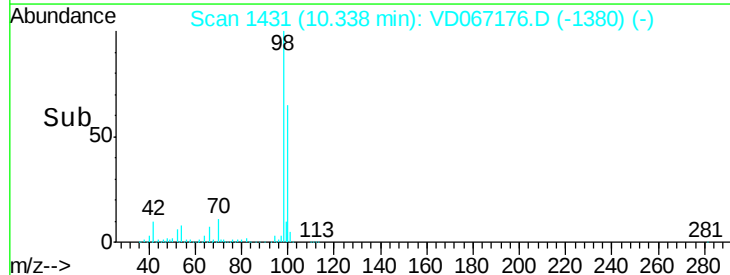
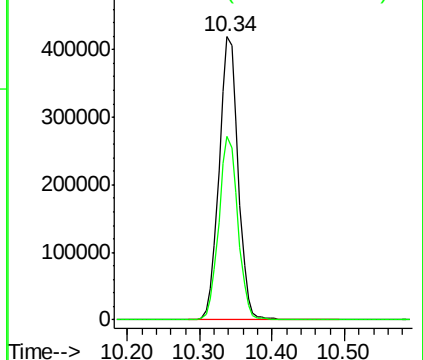
98 100

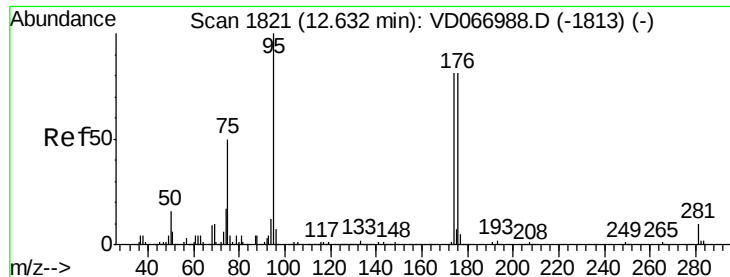
100 64.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.882 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067176.D

Acq: 08 Oct 2020 03:25

Instrument :

MSVOA_D

ClientSampleId :

OWLS-HEAD-BH-02-B

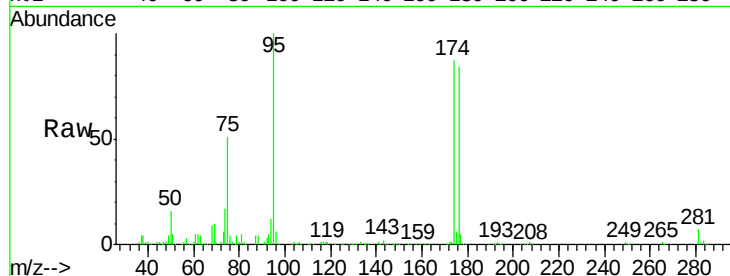
Tot Ion: 95 Resp: 257433

Ion Ratio Lower Upper

95 100

174 85.1 0.0 167.6

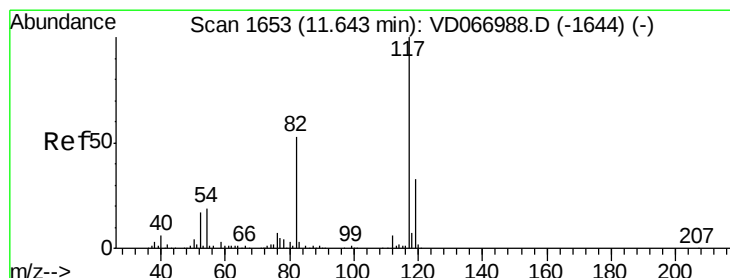
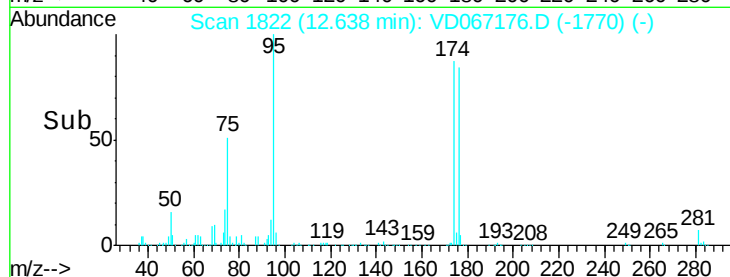
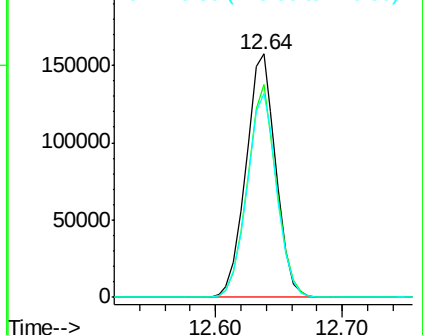
176 83.3 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD067176.D

Acq: 08 Oct 2020 03:25

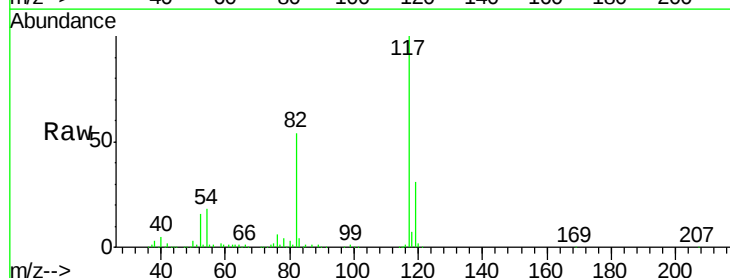
Tgt Ion: 117 Resp: 606613

Ion Ratio Lower Upper

117 100

82 53.8 42.6 63.8

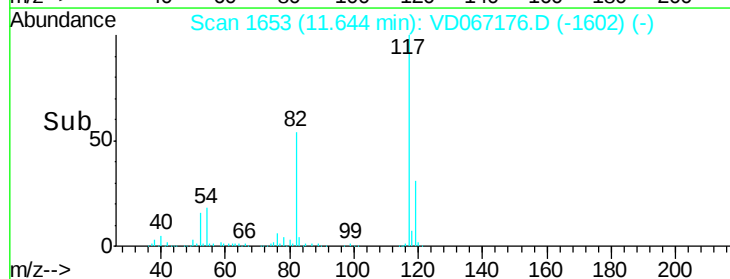
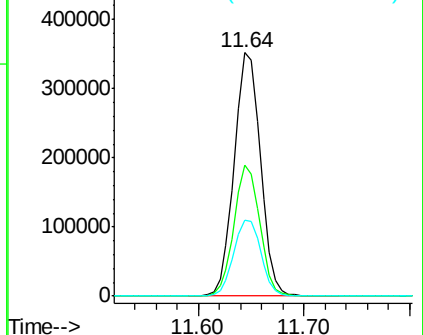
119 31.0 26.3 39.5

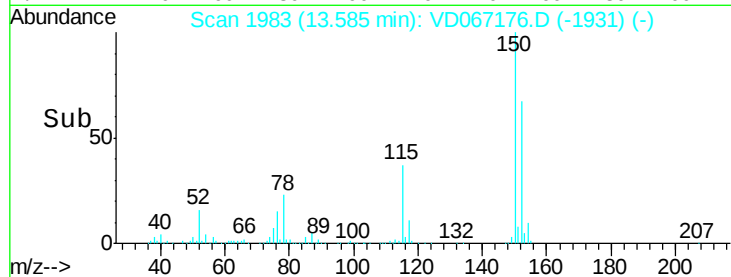
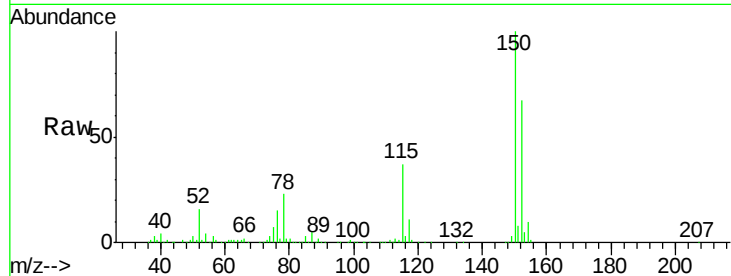
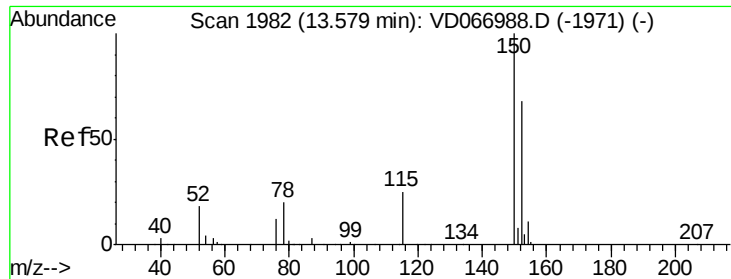


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1983

Delta R.T. 0.01 min

Lab File: VD067176.D

Acq: 08 Oct 2020 03:25

Instrument :

MSVOA_D

ClientSampleId :

OWLS-HEAD-BH-02-B

Tot Ion:152 Resp: 294868

Ion Ratio Lower Upper

152 100

115 57.4 29.6 88.8

150 154.4 0.0 344.8

