

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067113.D
 Acq On : 06 Oct 2020 17:40
 Operator : VA/SY
 Sample : L4272-42
 Misc : 7.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-7-(6.5)

Quant Time: Oct 07 01:49:06 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

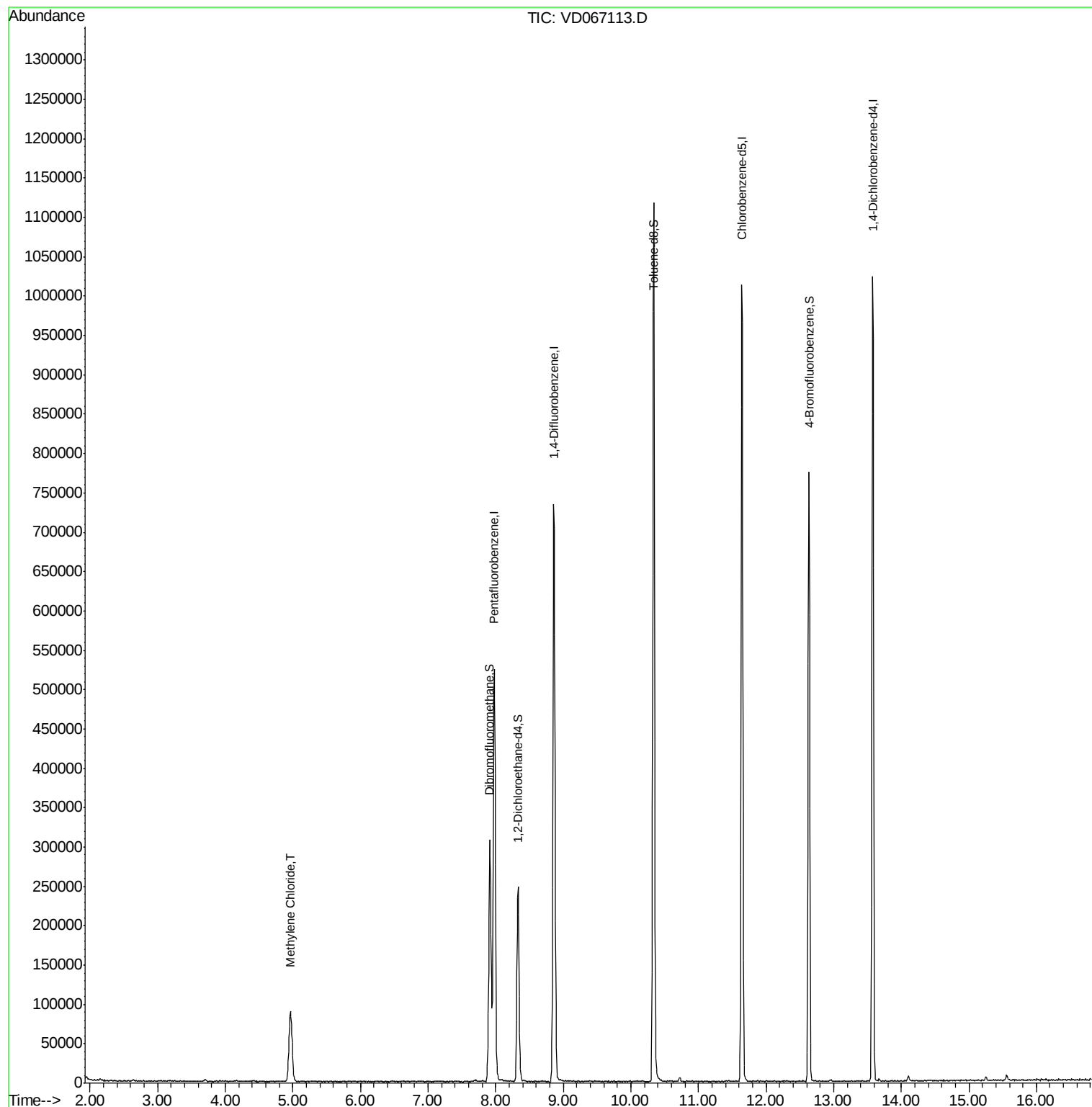
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	391667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	665621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	617973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	287071	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	200798	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
35) Dibromofluoromethane	7.91	113	217864	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.34	98	787475	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.64	95	256441	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
Target Compounds						
20) Methylene Chloride	4.96	84	77337	13.633	ug/l	Qvalue 93

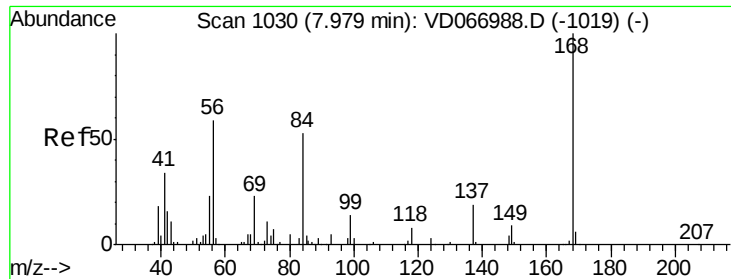
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100620\
Data File : VD067113.D
Acq On : 06 Oct 2020 17:40
Operator : VA/SY
Sample : L4272-42
Misc : 7.51G/5.00ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SC-7-(6.5)

Quant Time: Oct 07 01:49:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067113.D

Acq: 06 Oct 2020 17:40

Instrument :

MSVOA_D

ClientSampleId :

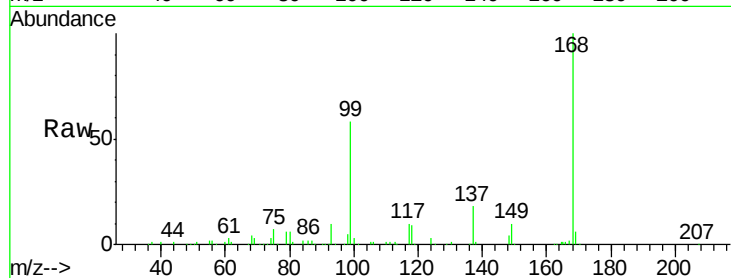
SC-7-(6.5)

Tot Ion:168 Resp: 391667

Ion Ratio Lower Upper

168 100

99 57.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

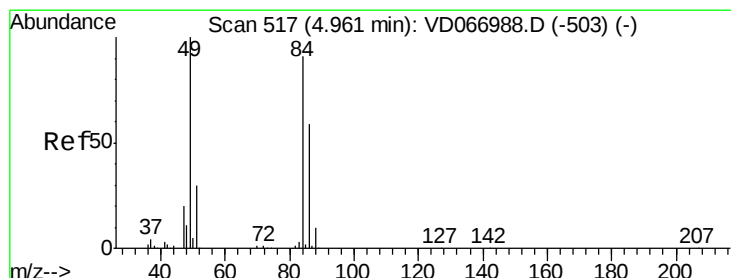
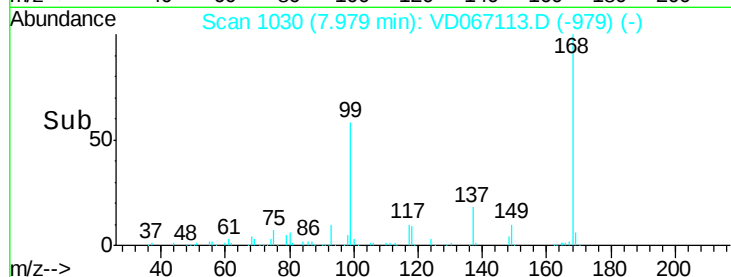
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 13.633 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067113.D

Acq: 06 Oct 2020 17:40

Tgt Ion: 84 Resp: 77337

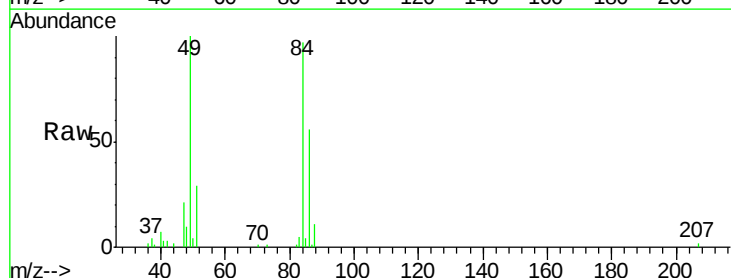
Ion Ratio Lower Upper

84 100

49 103.4 88.2 132.2

51 29.5 26.6 39.8

86 57.5 52.1 78.1



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

4.96

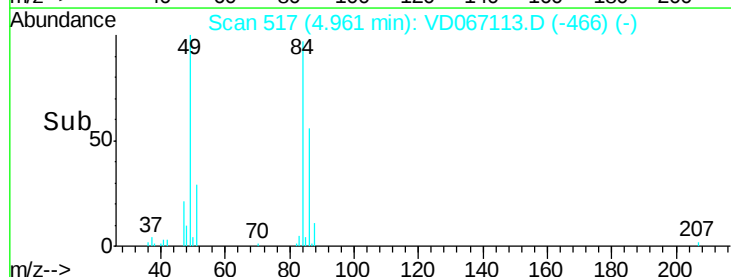
30000

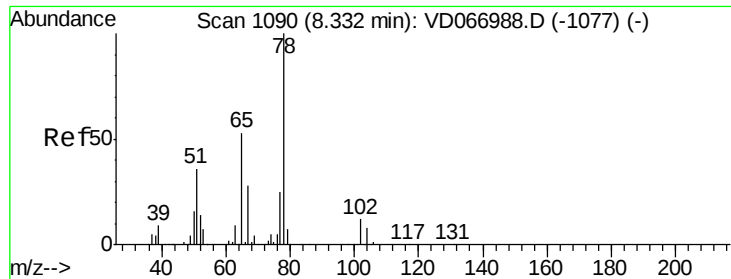
20000

10000

0

Time-->

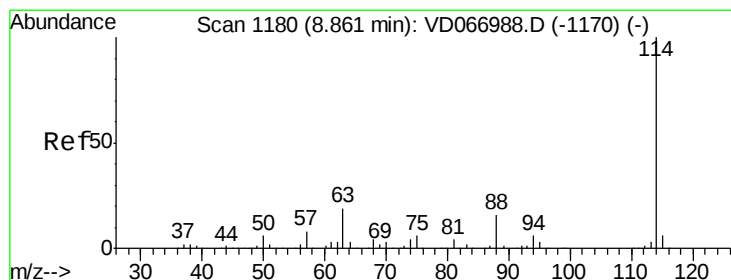
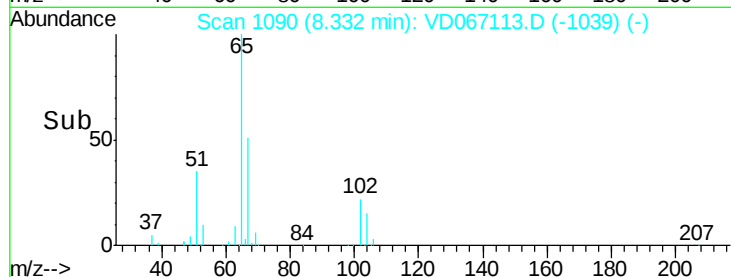
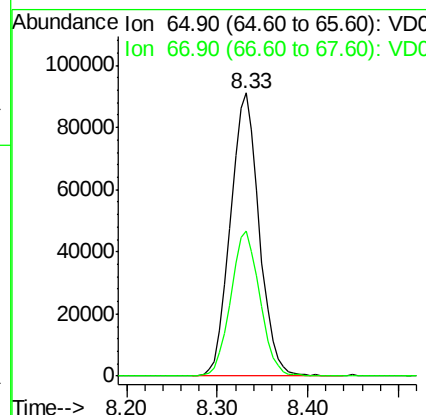
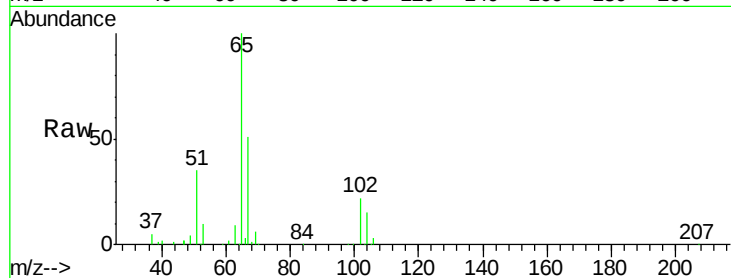




#33
 1,2-Dichloroethane-d4
 Concen: 53.227 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067113.D
 Acq: 06 Oct 2020 17:40

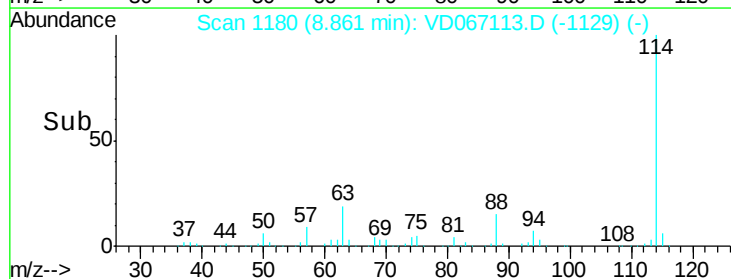
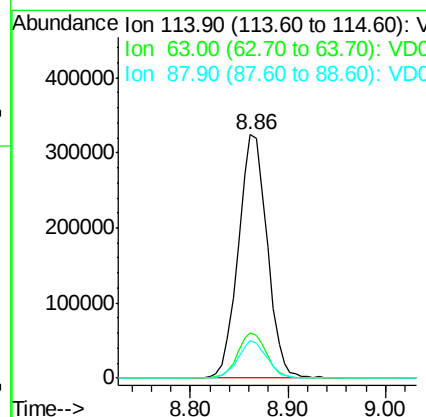
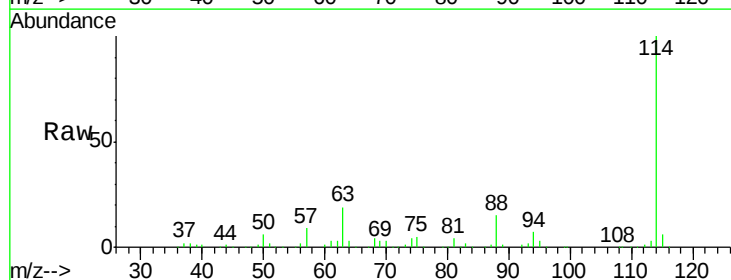
Instrument :
 MSVOA_D
 ClientSampleId :
 SC-7-(6.5)

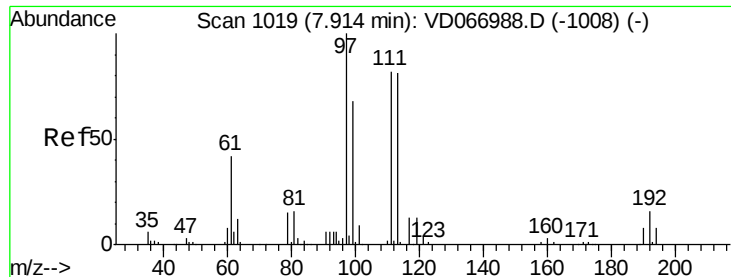
Tot Ion: 65 Resp: 200798
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067113.D
 Acq: 06 Oct 2020 17:40

Tgt Ion: 114 Resp: 665621
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.4
 88 15.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.995 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067113.D

Acq: 06 Oct 2020 17:40

Instrument :

MSVOA_D

ClientSampleId :

SC-7-(6.5)

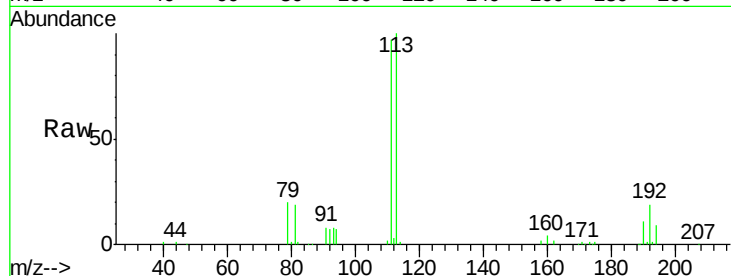
Tot Ion:113 Resp: 217864

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.4

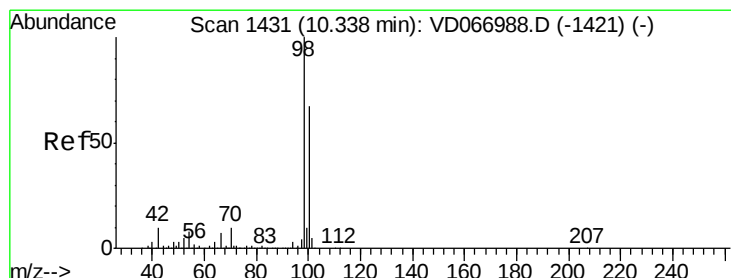
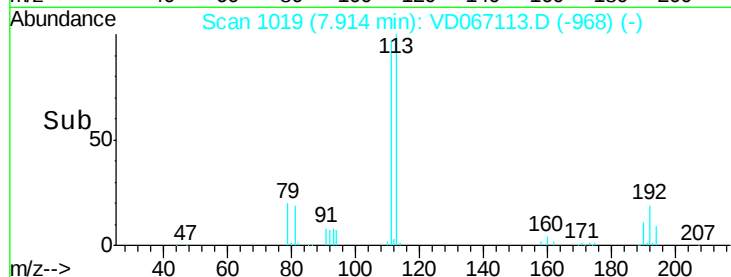
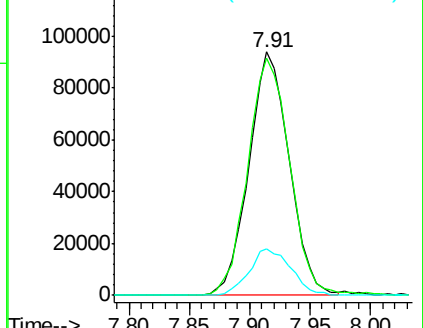
192 19.8 15.5 23.3



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: 49.593 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067113.D

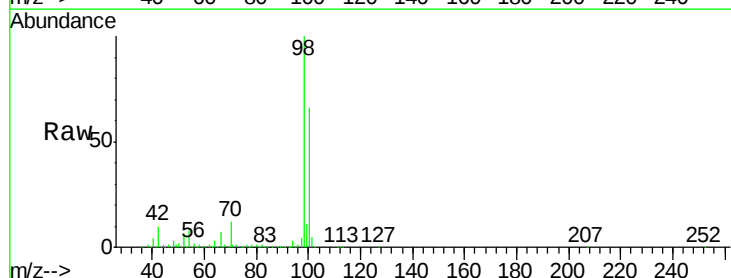
Acq: 06 Oct 2020 17:40

Tgt Ion: 98 Resp: 787475

Ion Ratio Lower Upper

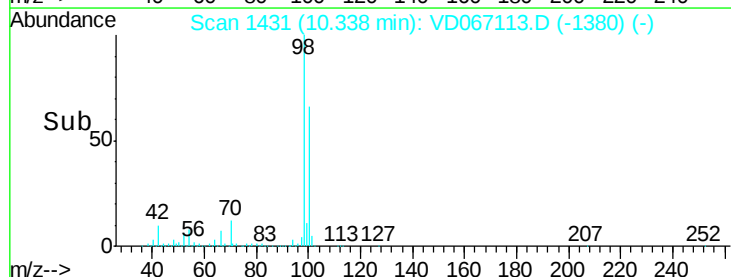
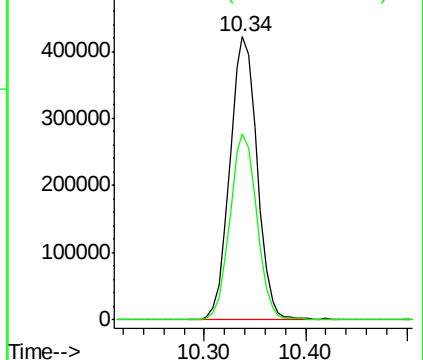
98 100

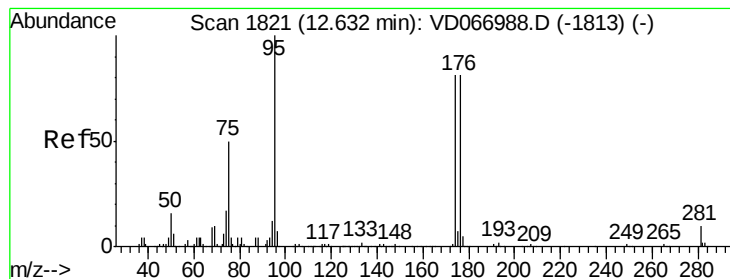
100 65.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.573 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067113.D

Acq: 06 Oct 2020 17:40

Instrument :

MSVOA_D

ClientSampleId :

SC-7-(6.5)

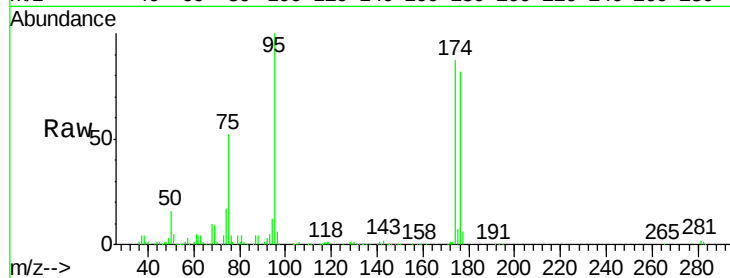
Tot Ion: 95 Resp: 256441

Ion Ratio Lower Upper

95 100

174 85.0 0.0 167.6

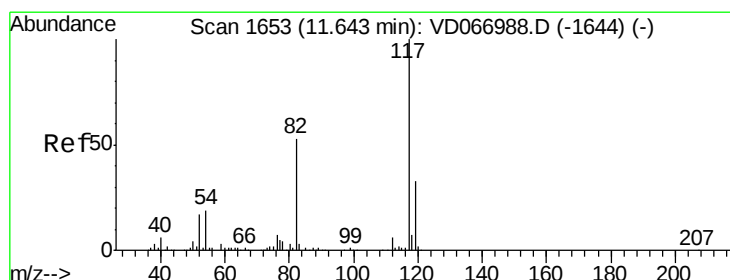
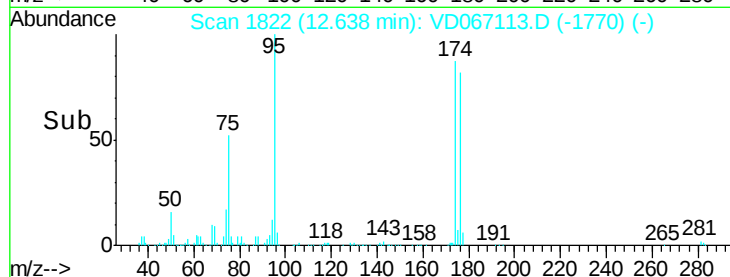
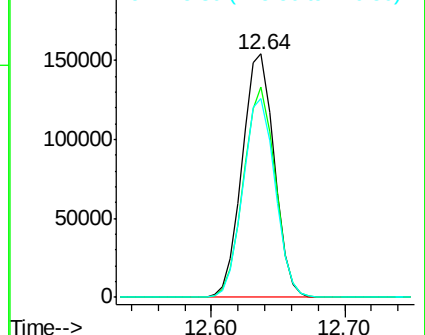
176 82.2 0.0 162.4



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: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD067113.D

Acq: 06 Oct 2020 17:40

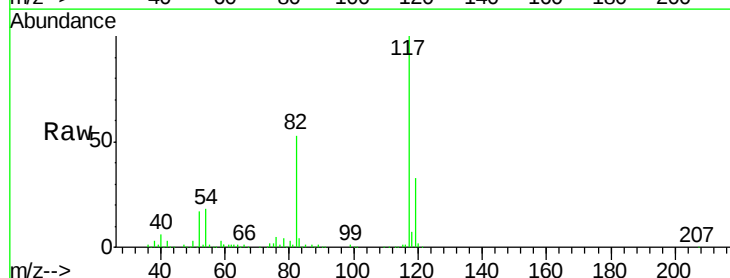
Tgt Ion: 117 Resp: 617973

Ion Ratio Lower Upper

117 100

82 52.9 42.6 63.8

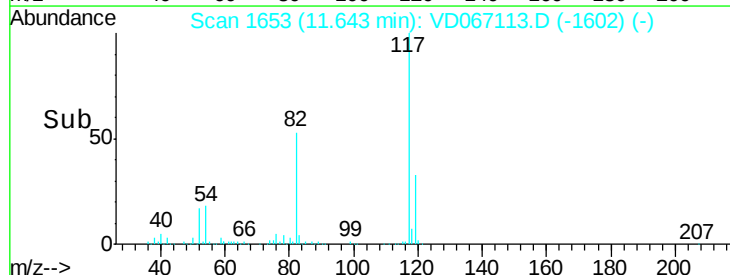
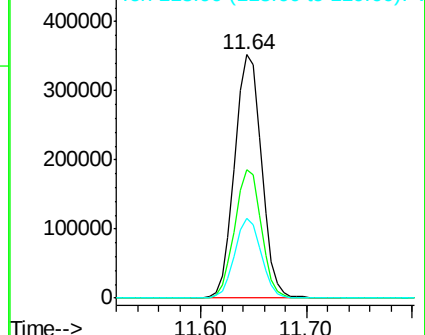
119 32.9 26.3 39.5

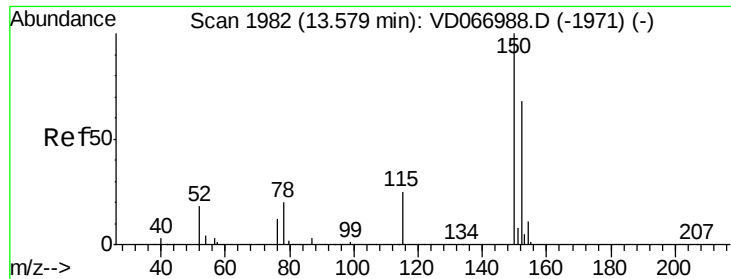


Abundance Ion 116.90 (116.60 to 117.60): VDC

Ion 82.00 (81.70 to 82.70): VDC

Ion 118.90 (118.60 to 119.60): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067113.D

Acq: 06 Oct 2020 17:40

Instrument :

MSVOA_D

ClientSampleId :

SC-7-(6.5)

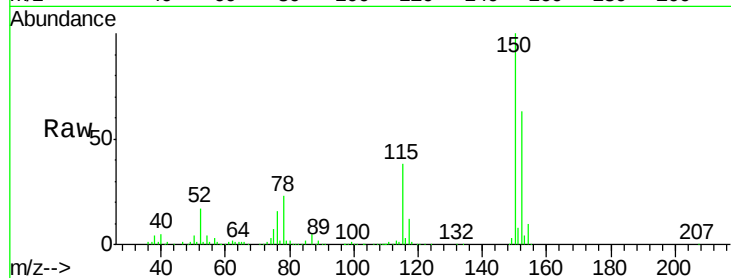
Tot Ion:152 Resp: 287071

Ion Ratio Lower Upper

152 100

115 59.4 29.6 88.8

150 157.3 0.0 344.8



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

