

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067117.D
 Acq On : 06 Oct 2020 19:30
 Operator : VA/SY
 Sample : L4272-54
 Misc : 8.34G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-11-(3.5)

Quant Time: Oct 07 01:53:48 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

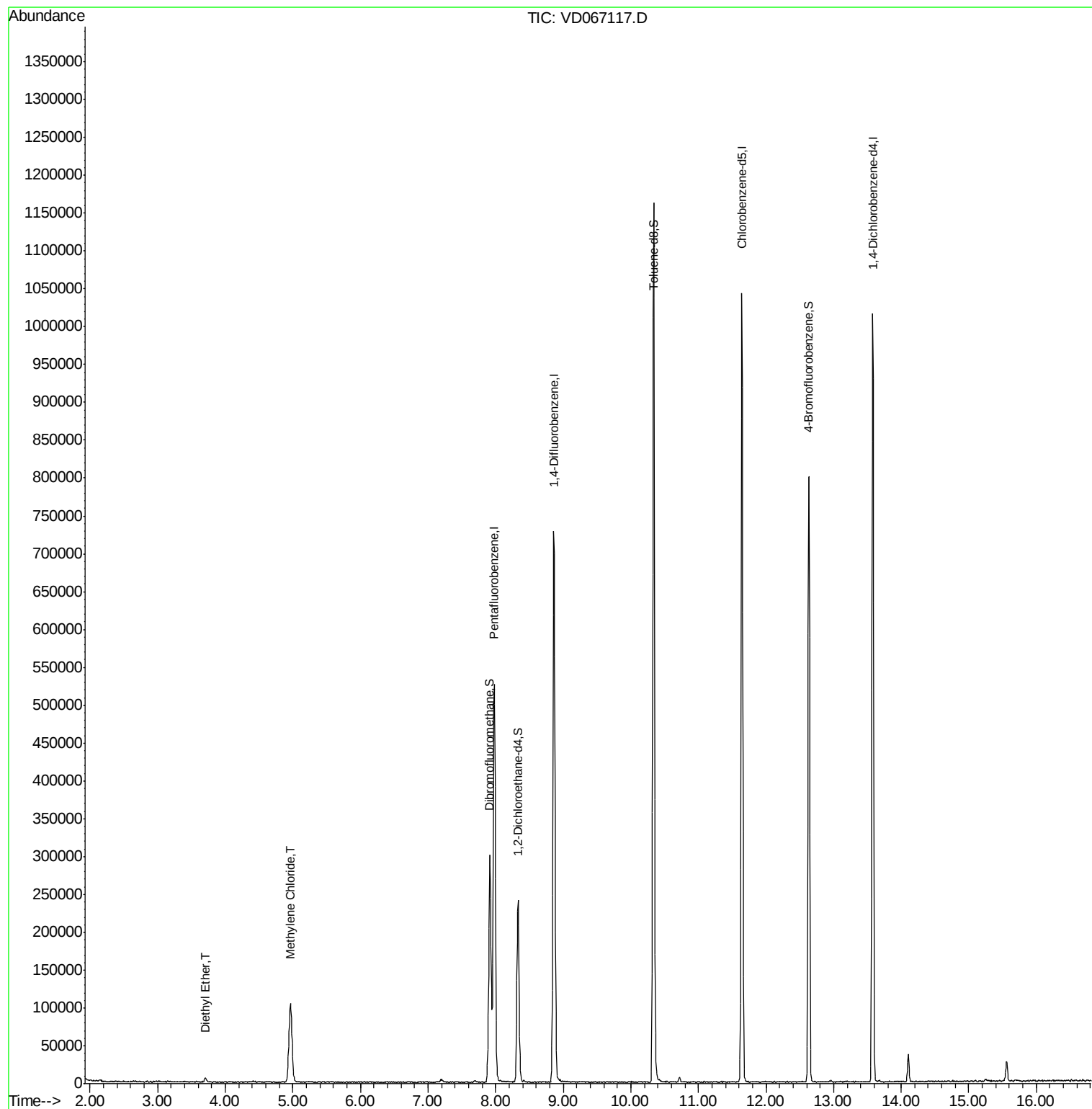
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	401672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	666224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	622970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	197964	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
35) Dibromofluoromethane	7.91	113	216588	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	10.34	98	785451	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.64	95	263425	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
Target Compounds						
8) Diethyl Ether	3.71	74	3488	1.974	ug/l	83
20) Methylene Chloride	4.97	84	86766	15.715	ug/l	95

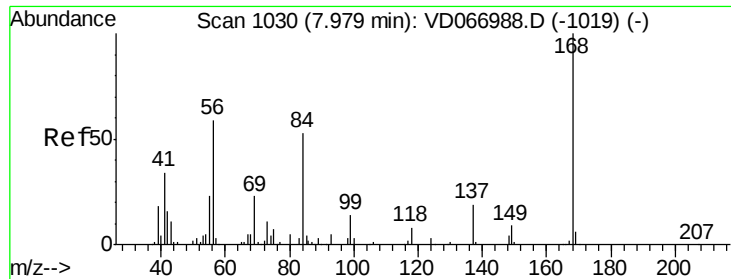
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067117.D

Acq: 06 Oct 2020 19:30

Instrument :

MSVOA_D

ClientSampleId :

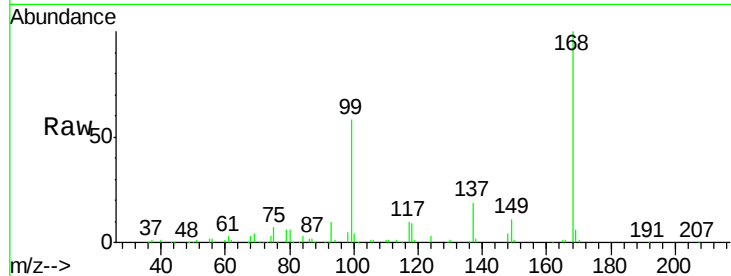
SC-11-(3.5)

Tot Ion:168 Resp: 401672

Ion Ratio Lower Upper

168 100

99 58.4 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

200000

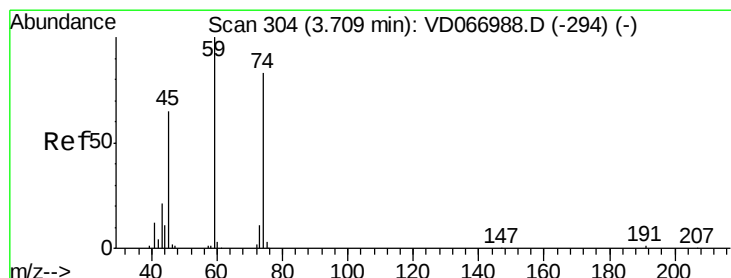
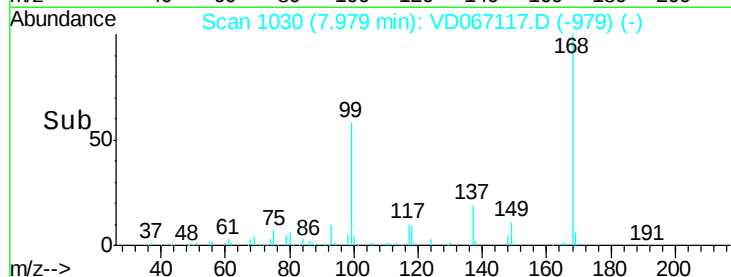
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.974 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD067117.D

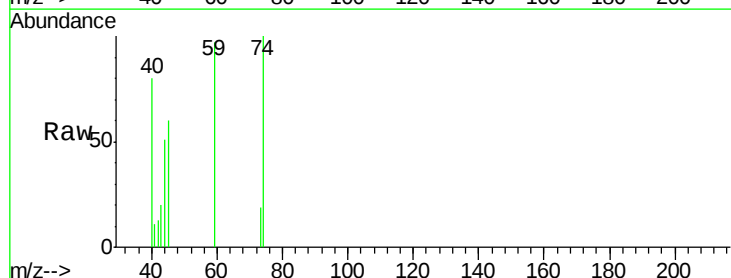
Acq: 06 Oct 2020 19:30

Tgt Ion: 74 Resp: 3488

Ion Ratio Lower Upper

74 100

45 70.2 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

2000

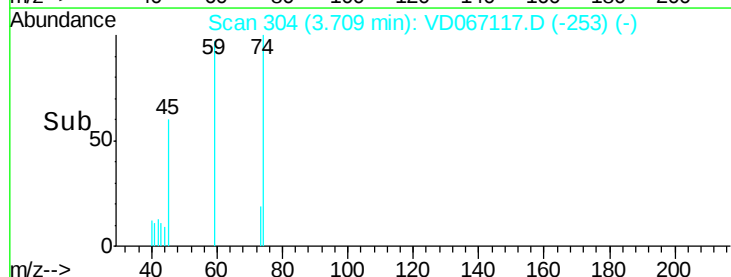
1500

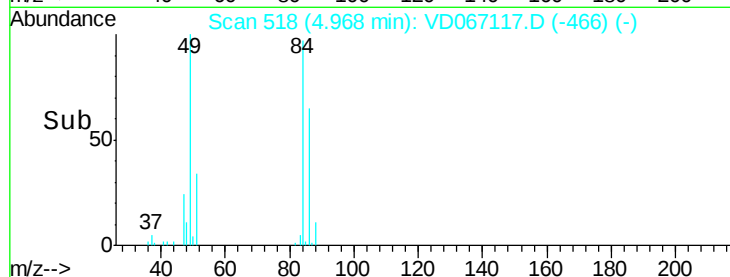
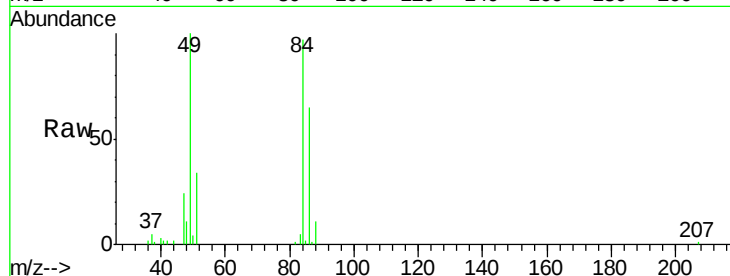
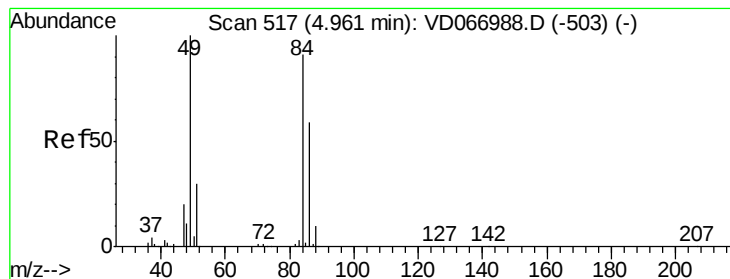
1000

500

0

Time-->





#20

Methylene Chloride

Concen: 15.715 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067117.D

Acq: 06 Oct 2020 19:30

Instrument :

MSVOA_D

ClientSampleId :

SC-11-(3.5)

Tot Ion: 84 Resp: 86766

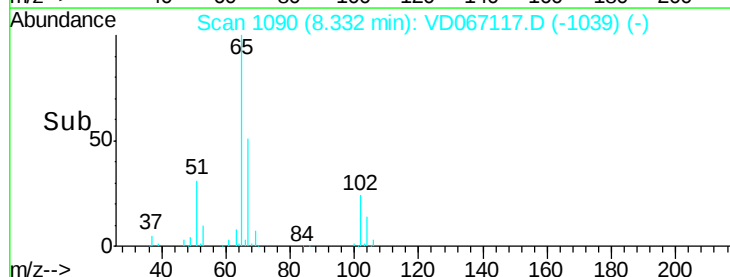
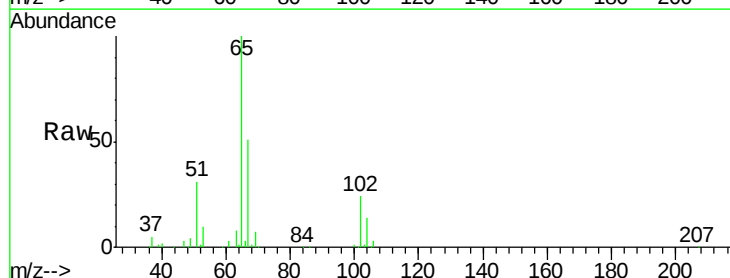
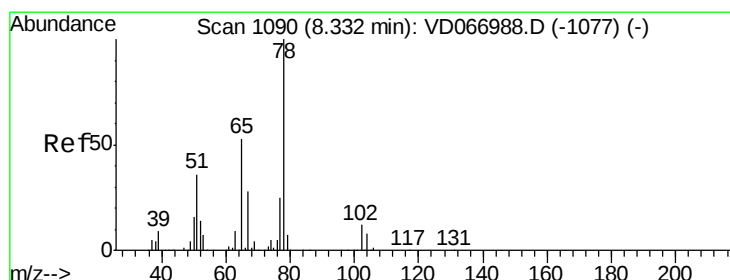
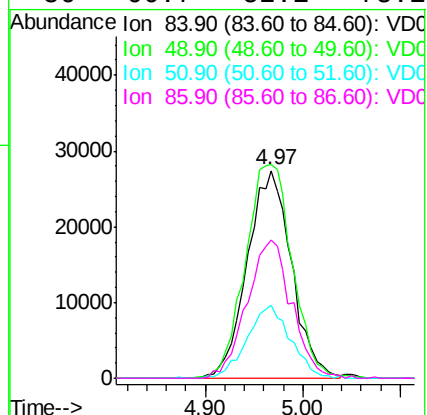
Ion Ratio Lower Upper

84 100

49 102.8 88.2 132.2

51 35.0 26.6 39.8

86 66.7 52.1 78.1



#33

1,2-Dichloroethane-d4

Concen: 51.168 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067117.D

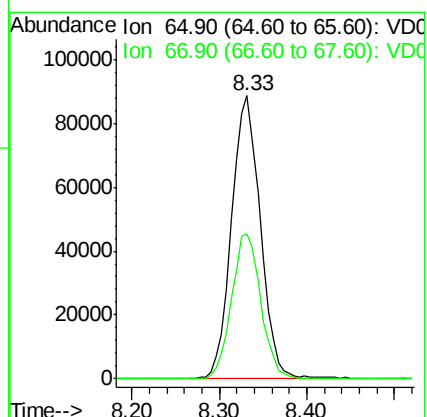
Acq: 06 Oct 2020 19:30

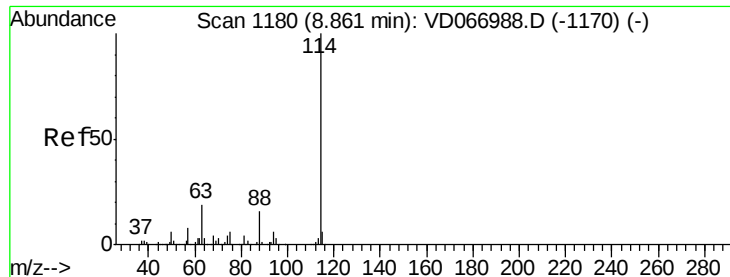
Tgt Ion: 65 Resp: 197964

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.8

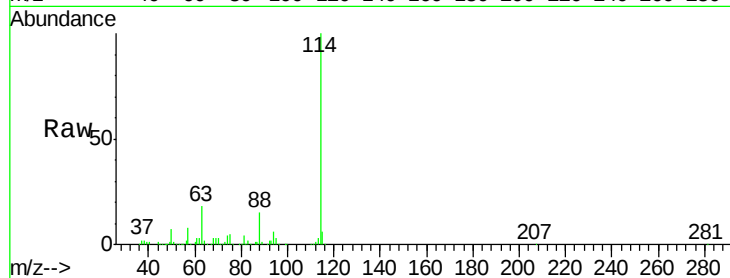




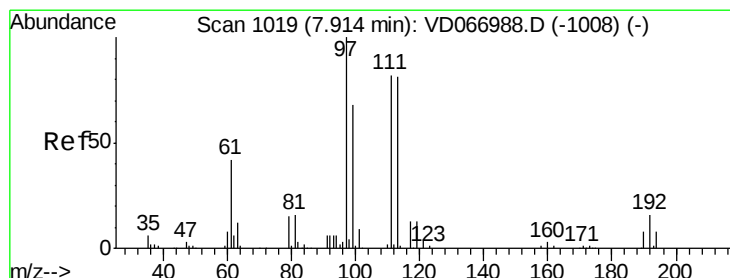
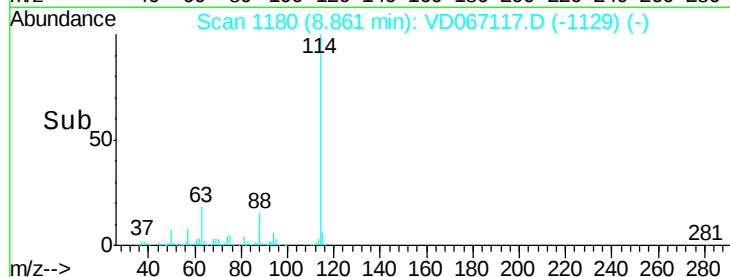
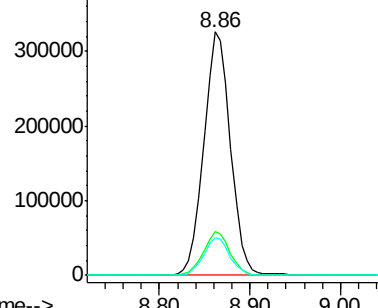
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD067117.D
Acq: 06 Oct 2020 19:30

Instrument :
MSVOA_D
ClientSampleId :
SC-11-(3.5)

Tot Ion:114 Resp: 666224
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.4
88 15.5 0.0 31.2

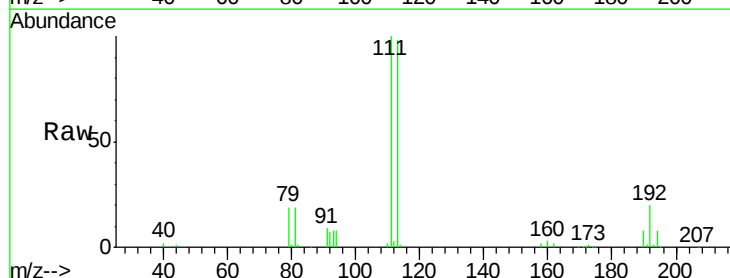


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

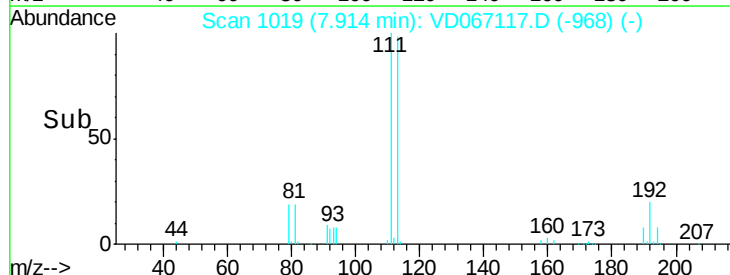
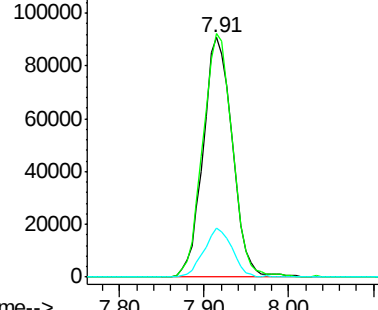


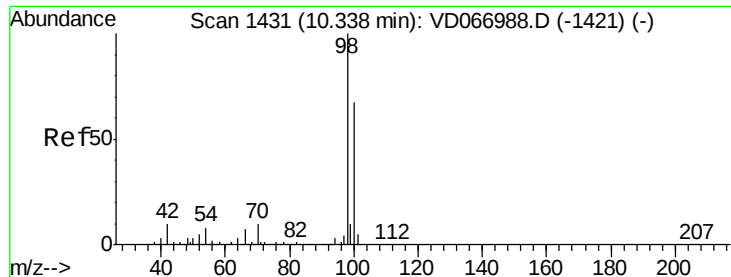
#35
Dibromofluoromethane
Concen: 49.657 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067117.D
Acq: 06 Oct 2020 19:30

Tgt Ion:113 Resp: 216588
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.4
192 20.0 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: 49.420 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067117.D

Acq: 06 Oct 2020 19:30

Instrument :

MSVOA_D

ClientSampleId :

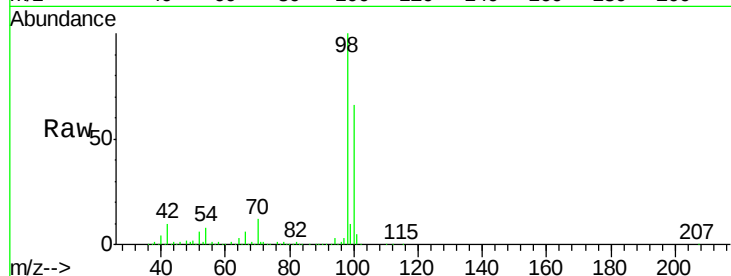
SC-11-(3.5)

Tot Ion: 98 Resp: 785451

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

400000

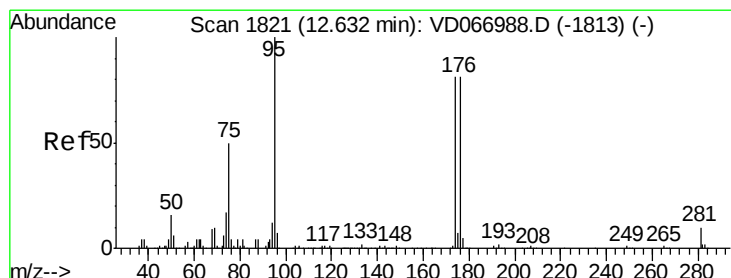
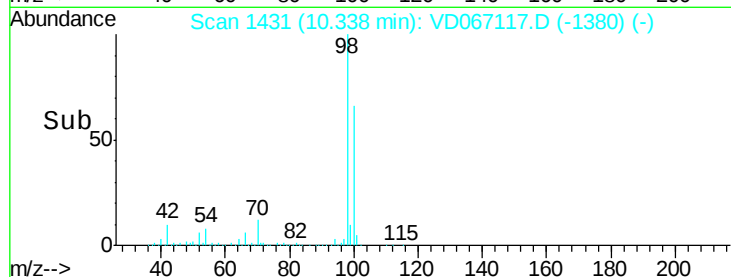
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 48.824 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067117.D

Acq: 06 Oct 2020 19:30

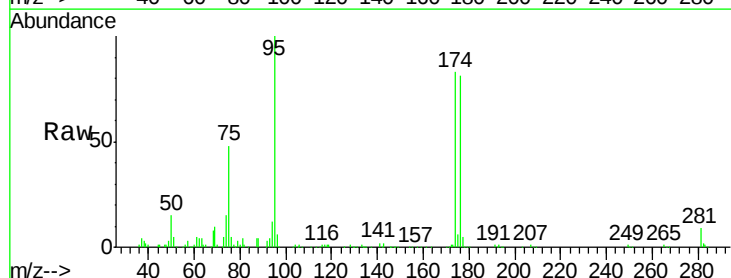
Tgt Ion: 95 Resp: 263425

Ion Ratio Lower Upper

95 100

174 82.8 0.0 167.6

176 81.0 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

12.64

200000

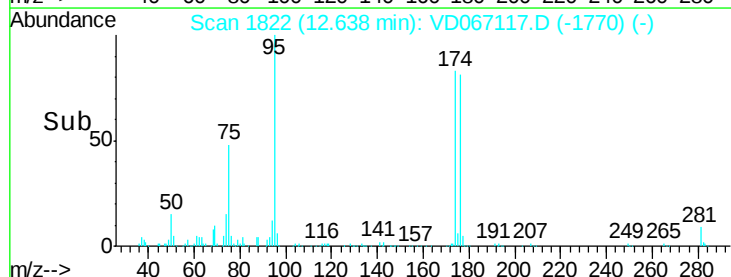
150000

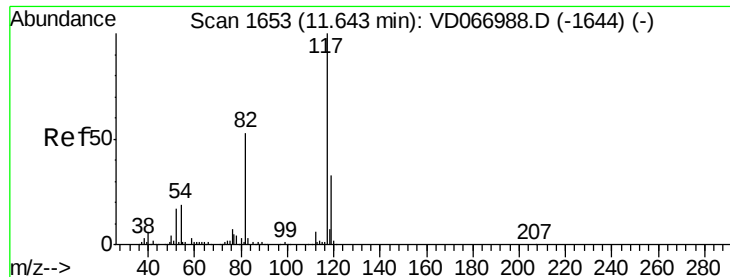
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

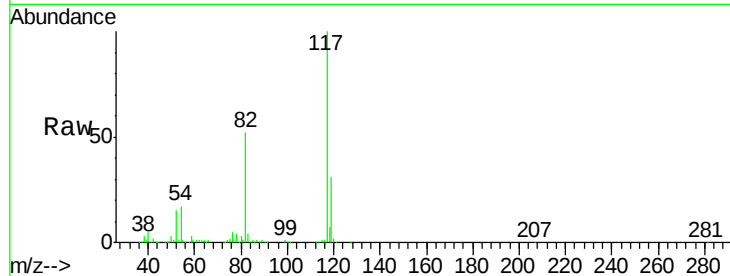




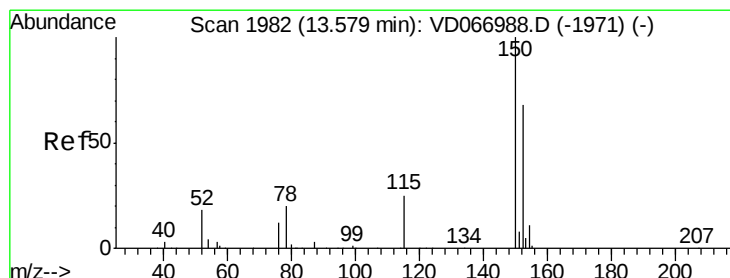
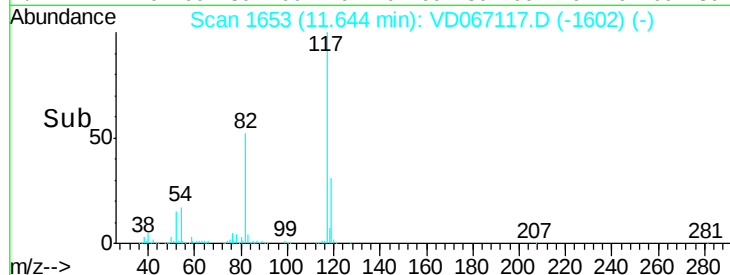
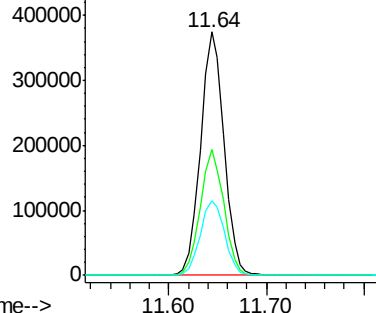
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067117.D
Acq: 06 Oct 2020 19:30

Instrument :
MSVOA_D
ClientSampleId :
SC-11-(3.5)

Tot Ion:117 Resp: 622970
Ion Ratio Lower Upper
117 100
82 51.9 42.6 63.8
119 30.6 26.3 39.5

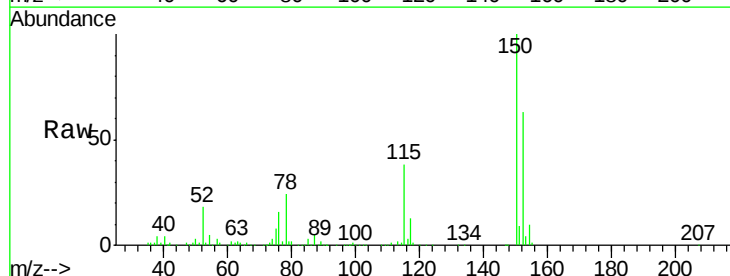


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067117.D
Acq: 06 Oct 2020 19:30

Tgt Ion:152 Resp: 282412
Ion Ratio Lower Upper
152 100
115 60.5 29.6 88.8
150 159.0 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

