

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\
 Data File : VD065894.D
 Acq On : 29 Jun 2020 18:44
 Operator : VA/SY
 Sample : L3153-16
 Misc : 5.75G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP2-C

Quant Time: Jun 30 05:15:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

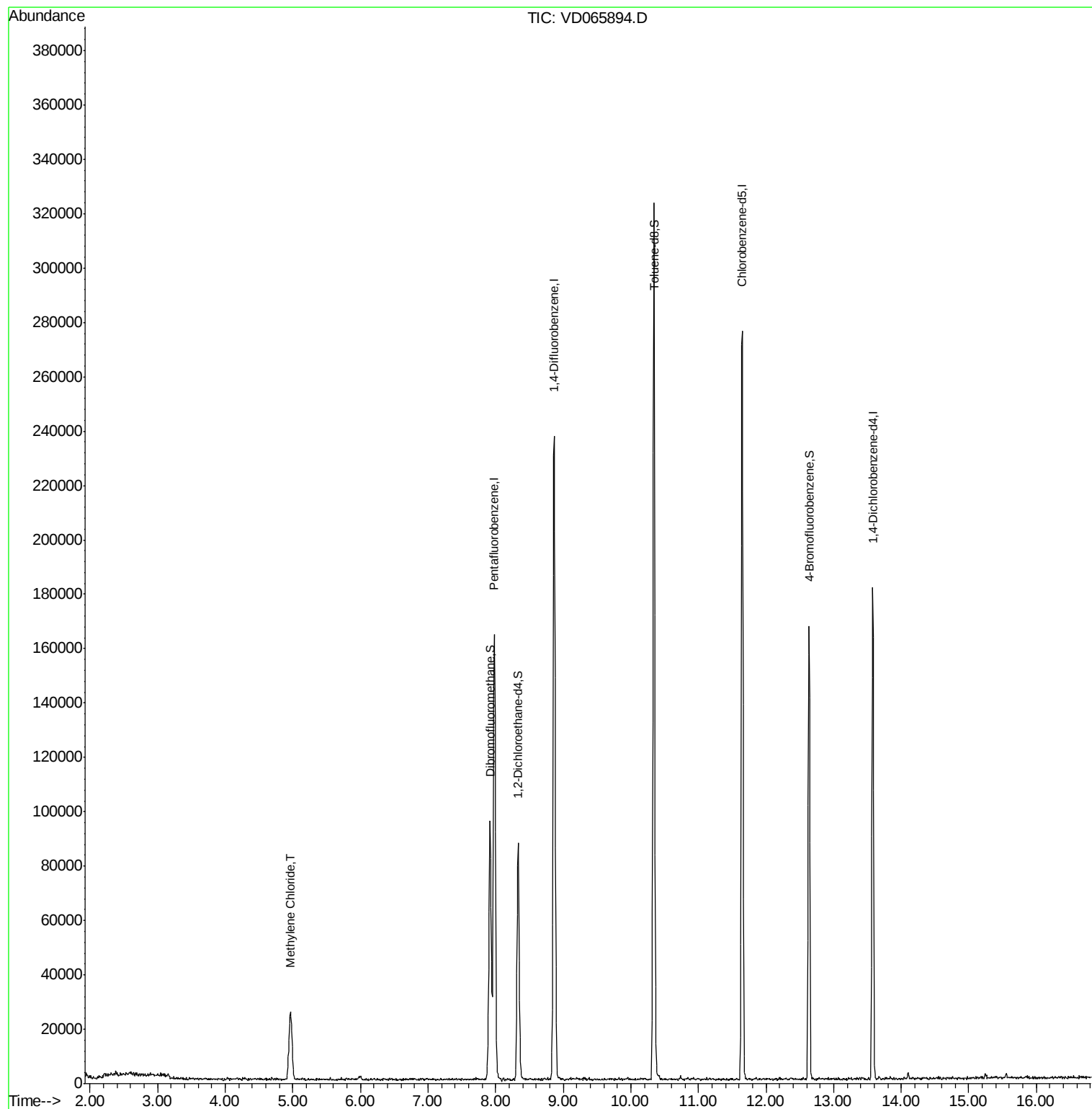
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	117955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	202394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	155021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	45113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	70386	57.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.88%	
35) Dibromofluoromethane	7.91	113	67375	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
50) Toluene-d8	10.34	98	215905	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
62) 4-Bromofluorobenzene	12.64	95	52966	34.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.72%	
Target Compounds						
20) Methylene Chloride	4.96	84	18934	10.876	ug/l #	Qvalue 88

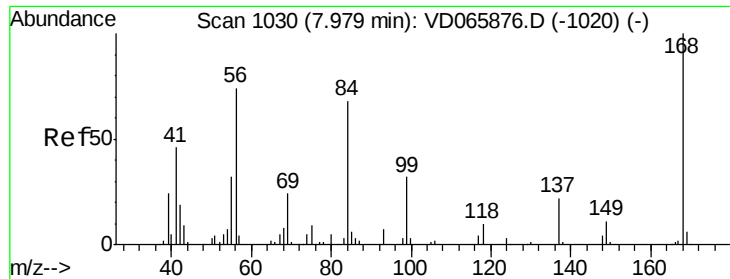
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062920\
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QLast Update : Fri Jun 26 19:16:07 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: VD065894.D

Acq: 29 Jun 2020 18:44

Instrument :

MSVOA_D

ClientSampleId :

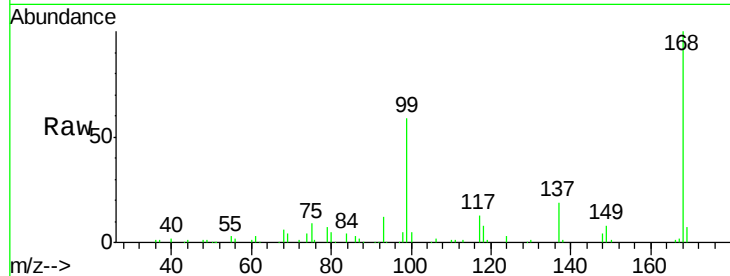
SP2-C

Tot Ion:168 Resp: 117955

Ion Ratio Lower Upper

168 100

99 59.0 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

60000

50000

40000

30000

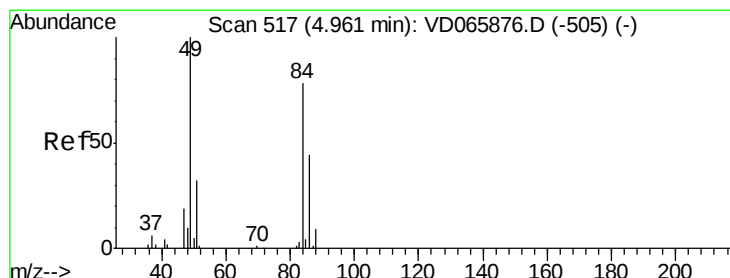
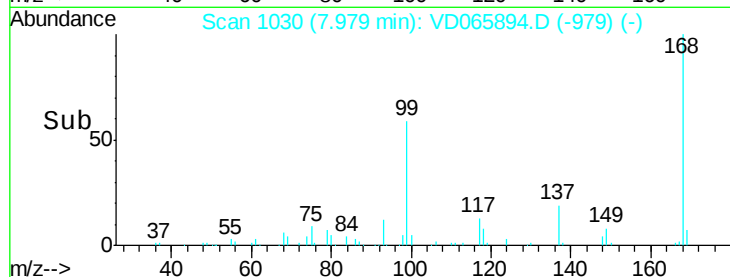
20000

10000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 10.876 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD065894.D

Acq: 29 Jun 2020 18:44

Tgt Ion: 84 Resp: 18934

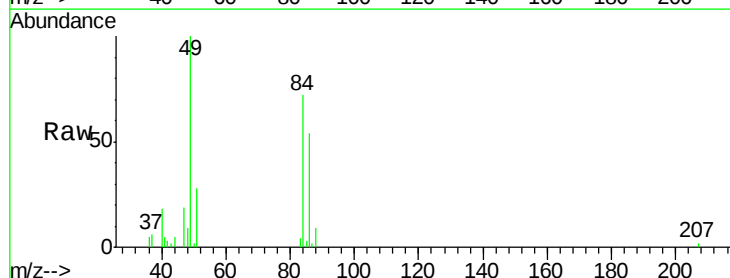
Ion Ratio Lower Upper

84 100

49 138.7 103.0 154.6

51 39.3 32.7 49.1

86 74.5 44.9 67.3#



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

12000

10000

8000

6000

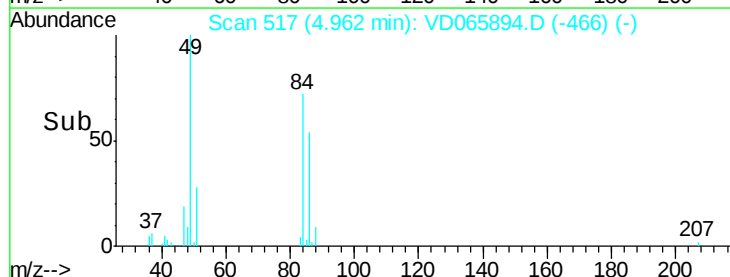
4000

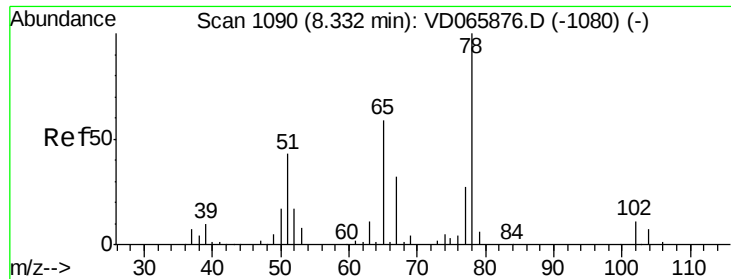
2000

0

4.85 4.90 4.95 5.00 5.05

Time-->

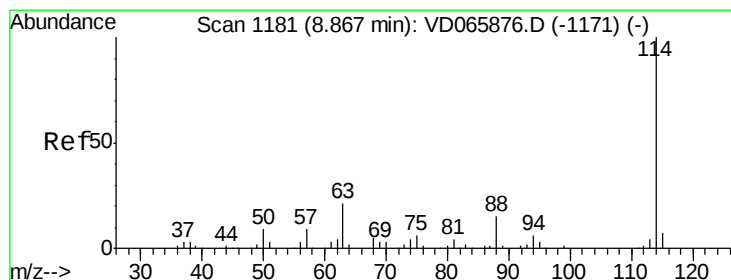
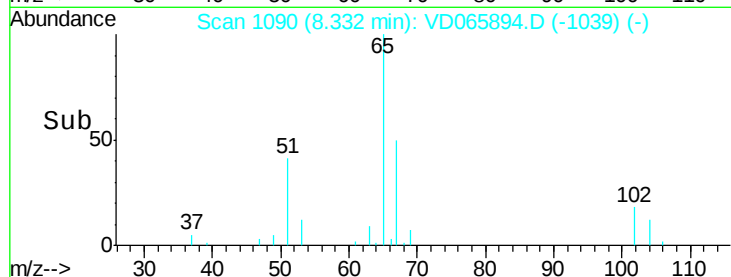
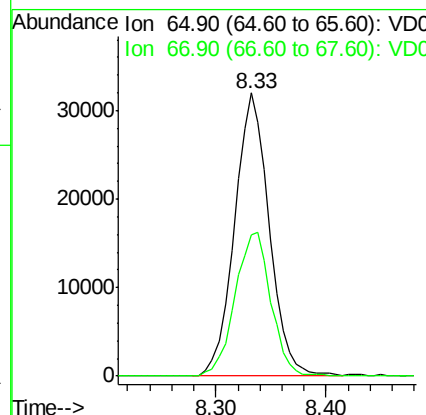
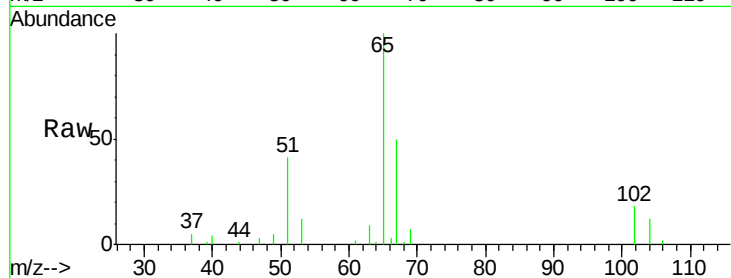




#33
 1,2-Dichloroethane-d4
 Concen: 57.437 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065894.D
 Acq: 29 Jun 2020 18:44

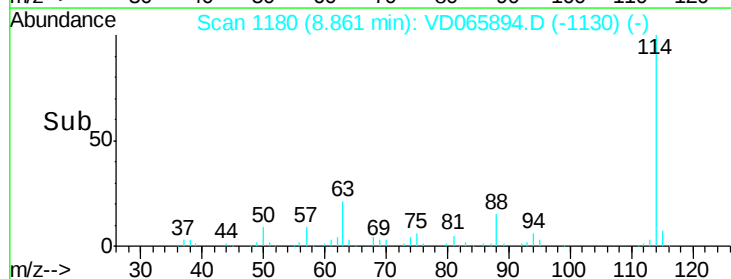
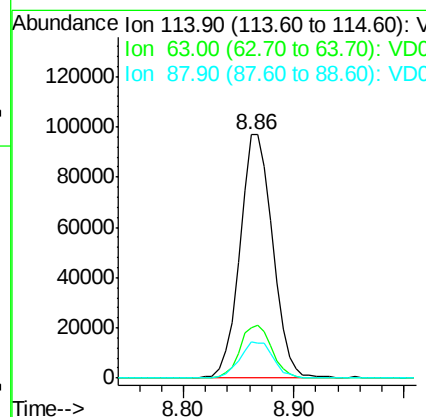
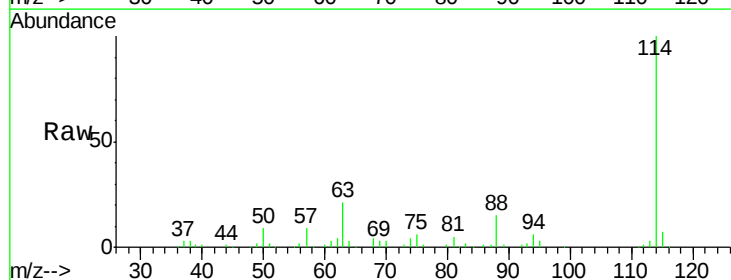
Instrument :
 MSVOA_D
 ClientSampleId :
 SP2-C

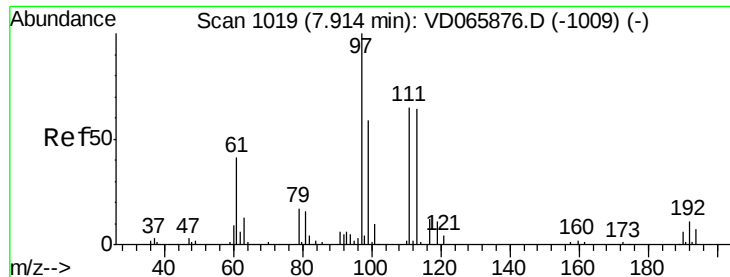
Tot Ion: 65 Resp: 70386
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD065894.D
 Acq: 29 Jun 2020 18:44

Tgt Ion: 114 Resp: 202394
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 14.7 0.0 29.0

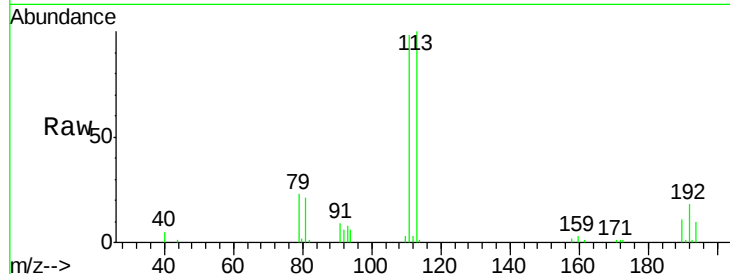




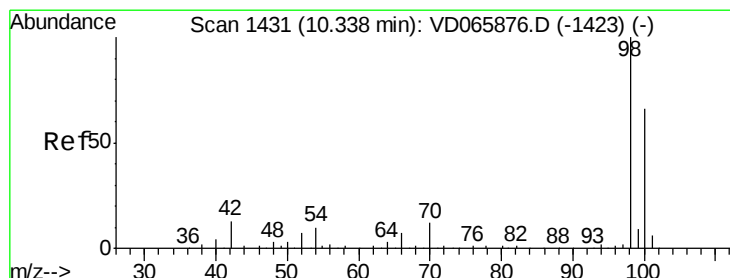
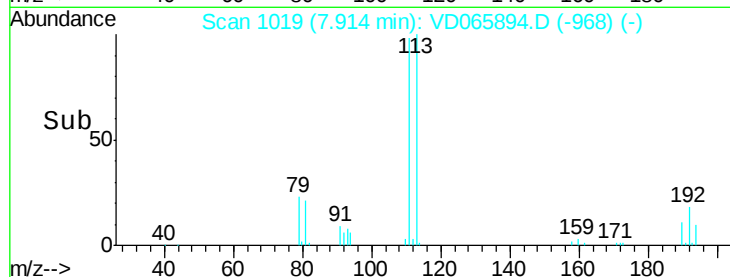
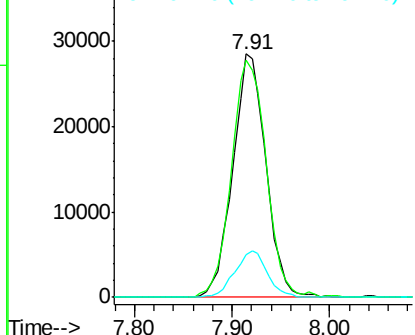
#35
Dibromofluoromethane
Concen: 53.857 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD065894.D
Acq: 29 Jun 2020 18:44

Instrument :
MSVOA_D
ClientSampleId :
SP2-C

Tot Ion:113 Resp: 67375
Ion Ratio Lower Upper
113 100
111 102.6 81.0 121.6
192 18.6 15.2 22.8

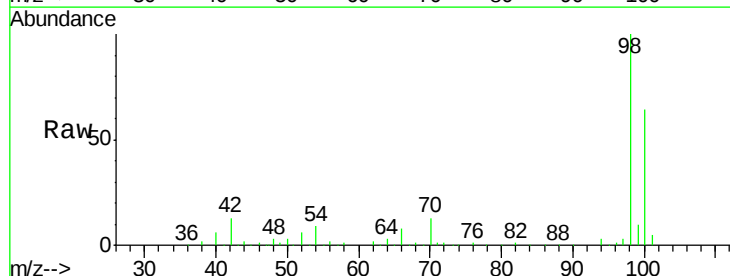


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

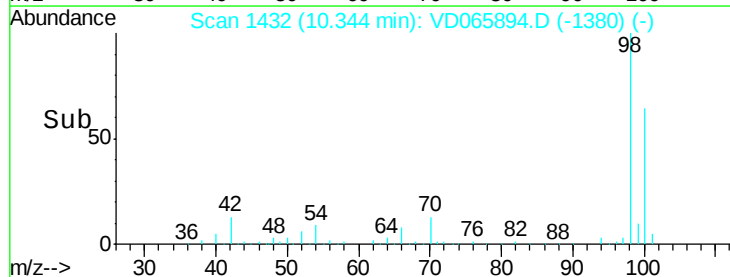
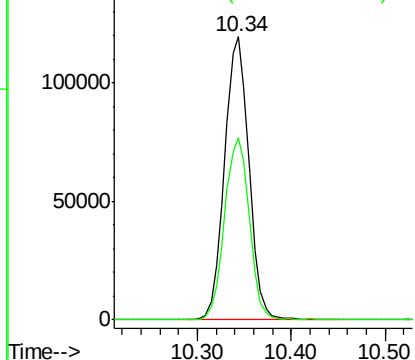


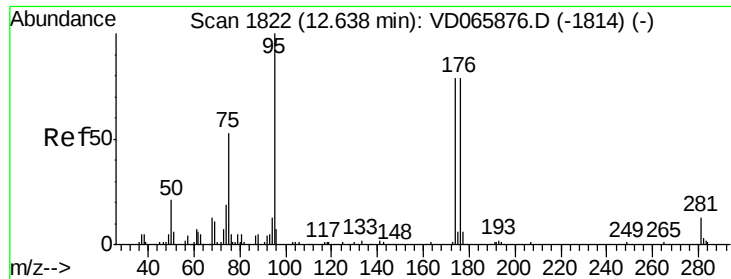
#50
Toluene-d8
Concen: 45.880 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065894.D
Acq: 29 Jun 2020 18:44

Tgt Ion: 98 Resp: 215905
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 34.357 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065894.D

Acq: 29 Jun 2020 18:44

Instrument :

MSVOA_D

ClientSampleId :

SP2-C

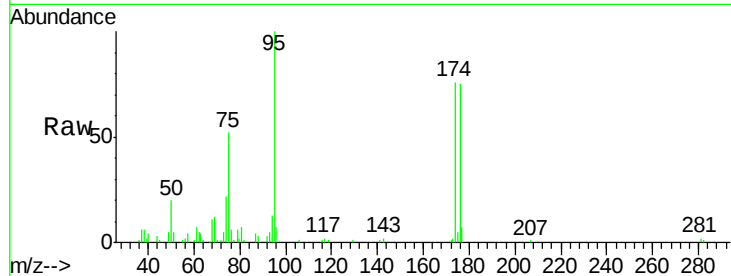
Tot Ion: 95 Resp: 52966

Ion Ratio Lower Upper

95 100

174 80.2 0.0 158.4

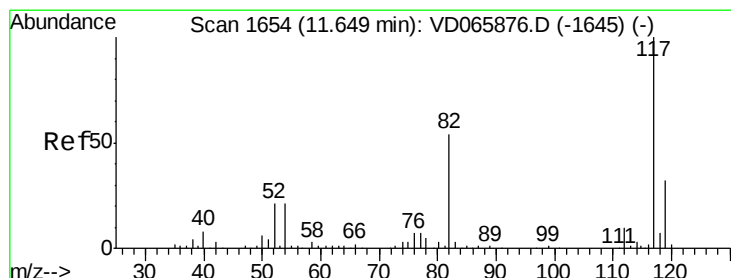
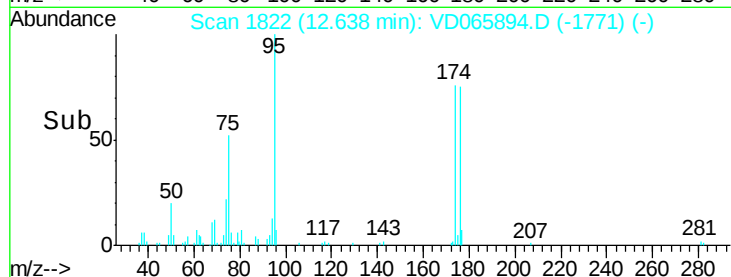
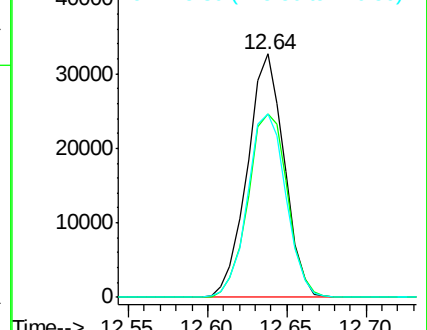
176 78.5 0.0 156.0



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: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065894.D

Acq: 29 Jun 2020 18:44

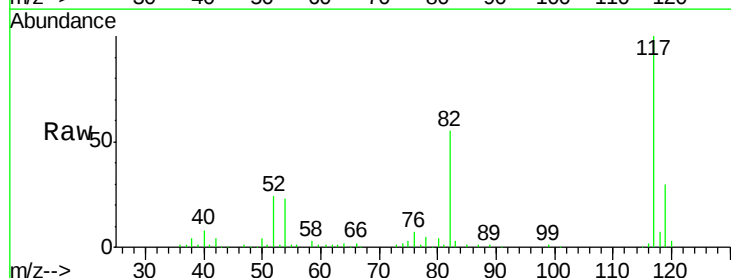
Tgt Ion: 117 Resp: 155021

Ion Ratio Lower Upper

117 100

82 55.5 43.6 65.4

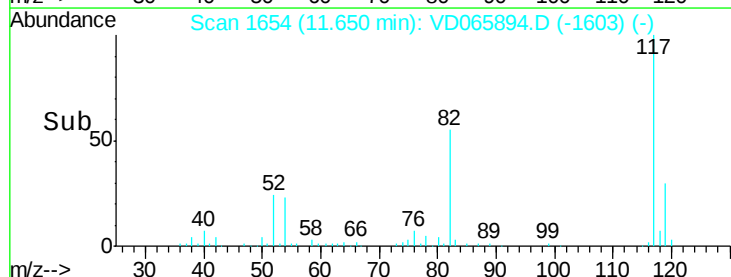
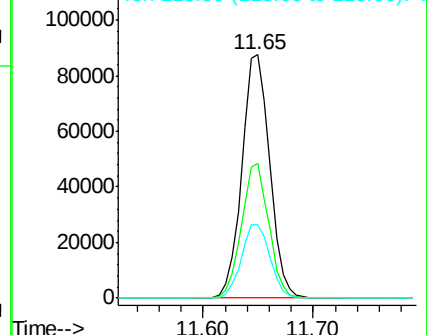
119 30.1 25.9 38.9

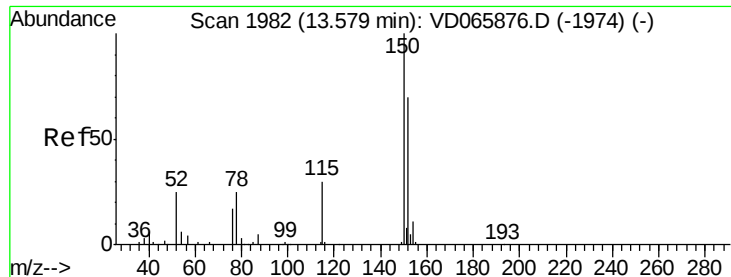


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065894.D

Acq: 29 Jun 2020 18:44

Instrument :

MSVOA_D

ClientSampleId :

SP2-C

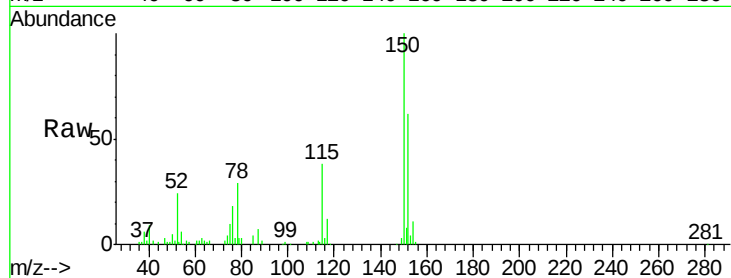
Tot Ion:152 Resp: 45113

Ion Ratio Lower Upper

152 100

115 59.0 29.7 89.1

150 160.9 0.0 346.2



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

