

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066030.D
 Acq On : 23 Jul 2020 17:52
 Operator : VA/SY
 Sample : L3378-13
 Misc : 8.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP

Quant Time: Jul 24 04:26:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

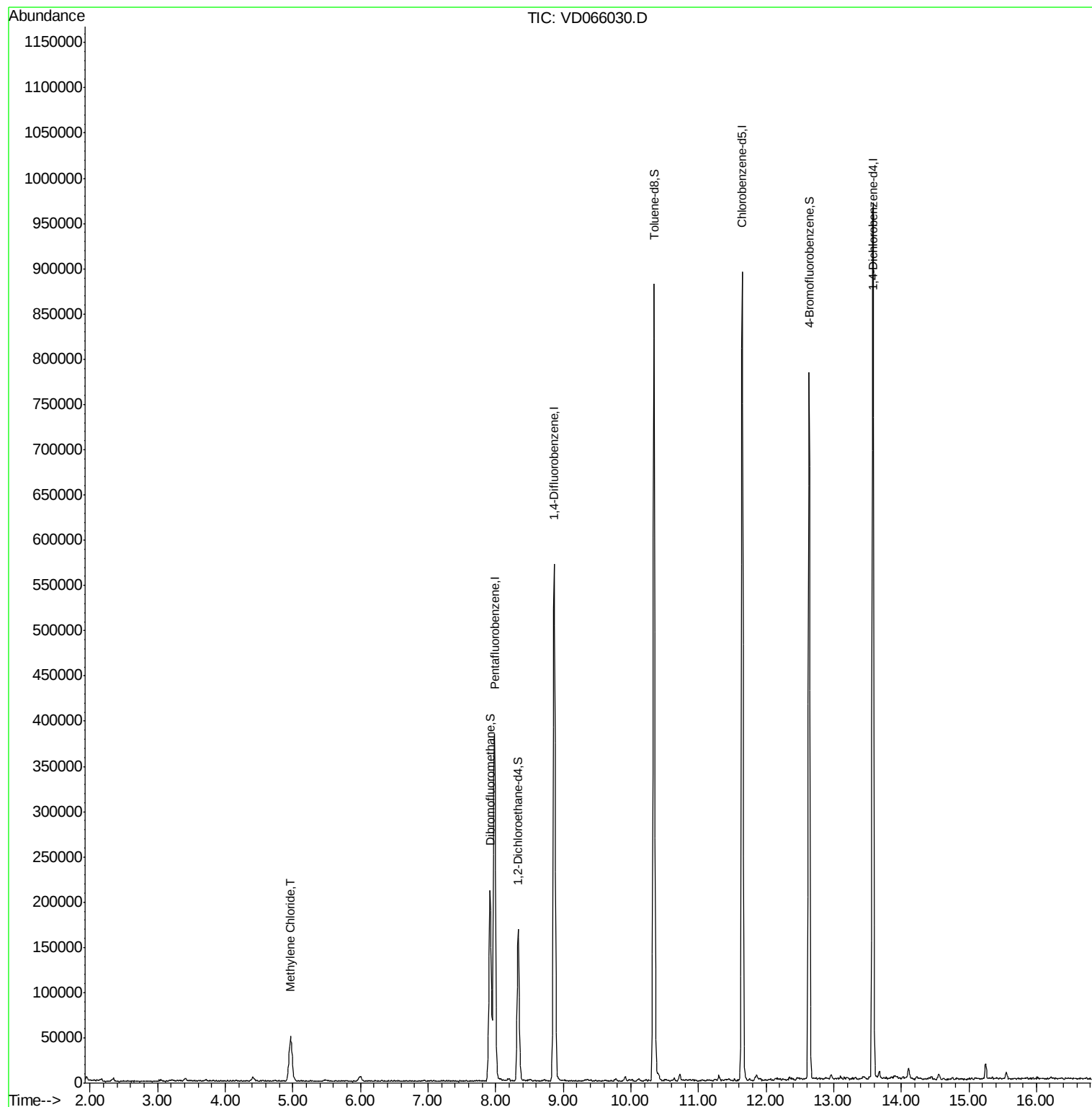
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	319896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	505810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	527822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279559	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	131149	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
35) Dibromofluoromethane	7.91	113	150038	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	10.34	98	614487	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.64	95	242471	61.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.38%	
Target Compounds						
20) Methylene Chloride	4.97	84	39727	11.344	ug/l	Qvalue 97

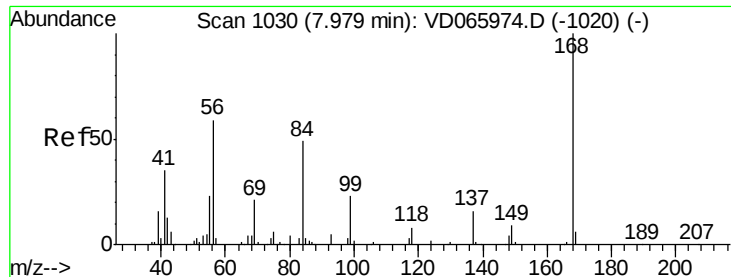
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066030.D

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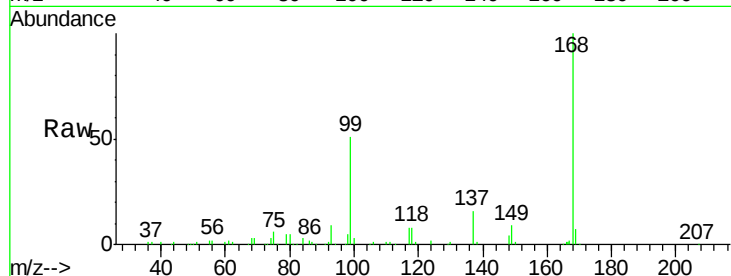
DRUM-COMP

Tot Ion:168 Resp: 319896

Ion Ratio Lower Upper

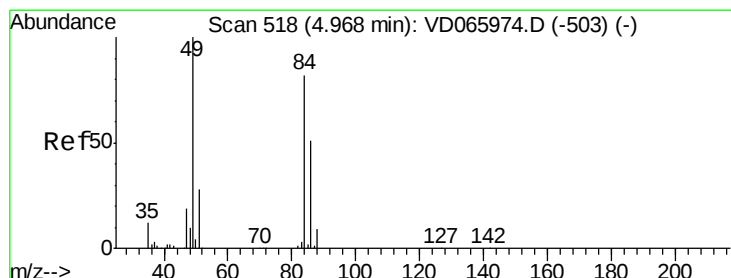
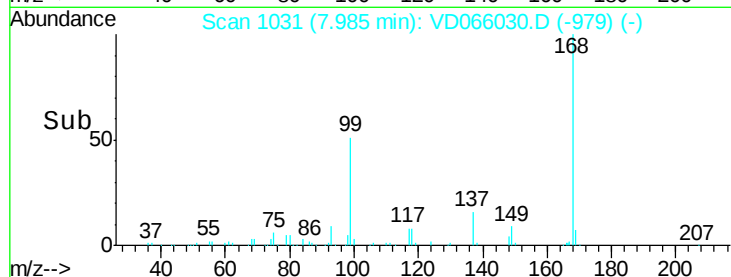
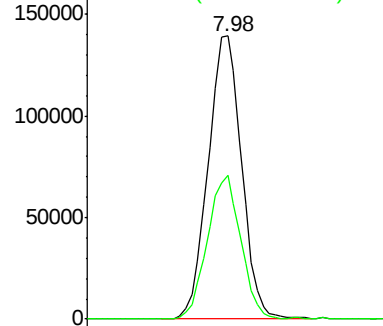
168 100

99 50.8 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 11.344 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066030.D

Acq: 23 Jul 2020 17:52

Tgt Ion: 84 Resp: 39727

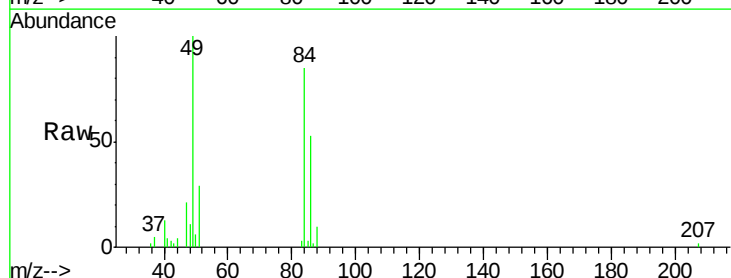
Ion Ratio Lower Upper

84 100

49 117.5 97.7 146.5

51 33.7 27.4 41.2

86 62.1 49.4 74.2

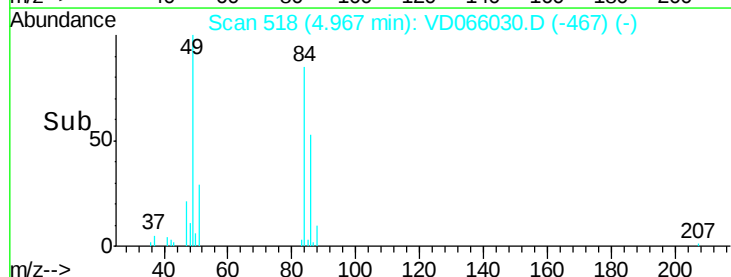
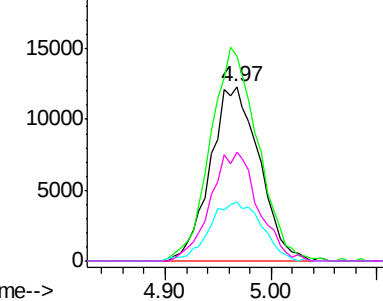


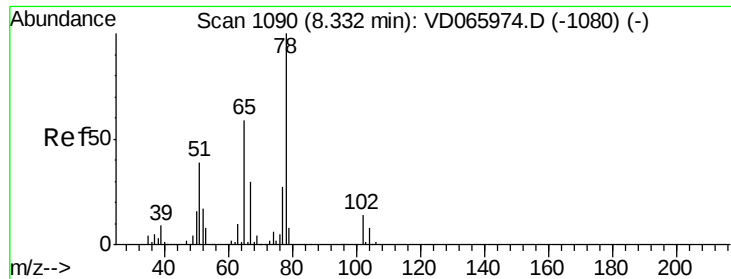
Abundance Ion 83.90 (83.60 to 84.60): VDC

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





#33

1,2-Dichloroethane-d4

Concen: 50.385 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066030.D

Acq: 23 Jul 2020 17:52

Instrument :

MSVOA_D

ClientSampleId :

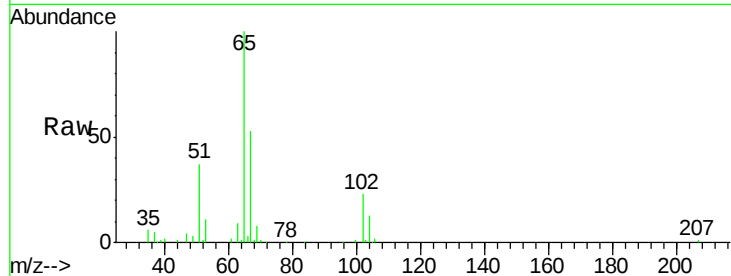
DRUM-COMP

Tot Ion: 65 Resp: 131149

Ion Ratio Lower Upper

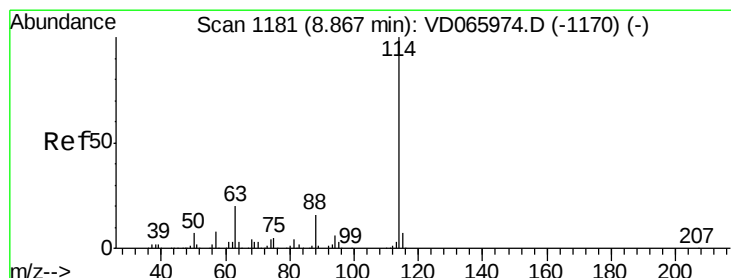
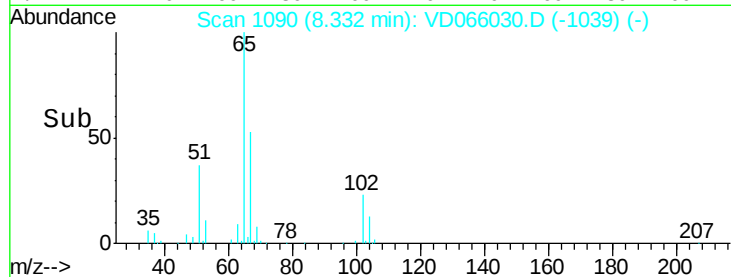
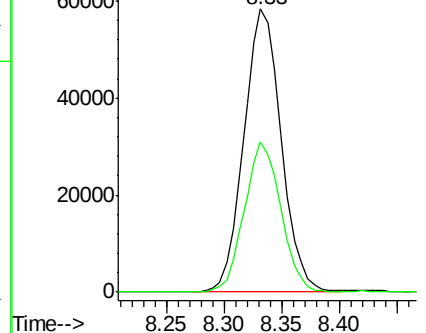
65 100

67 51.9 0.0 105.0



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: VD066030.D

Acq: 23 Jul 2020 17:52

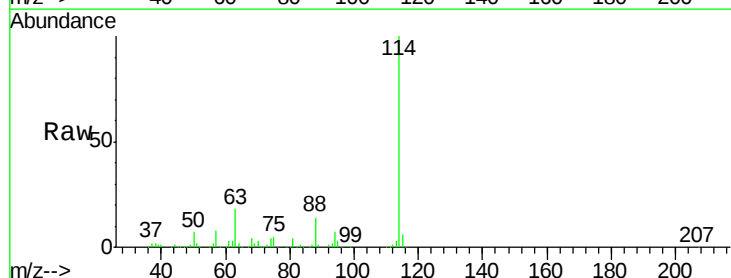
Tgt Ion: 114 Resp: 505810

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

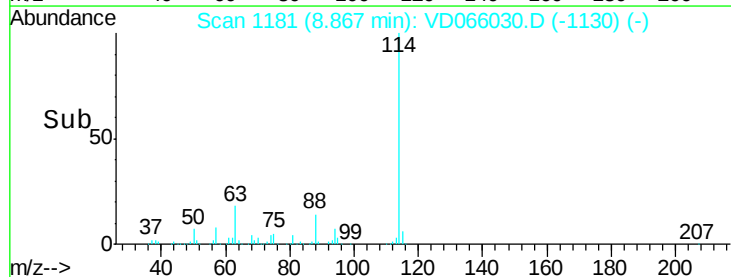
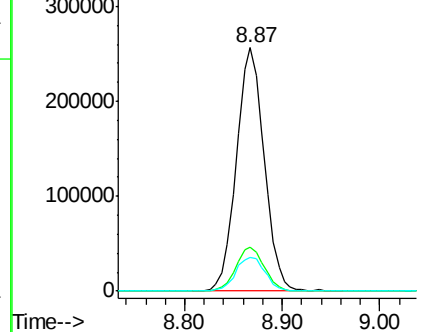
88 13.8 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

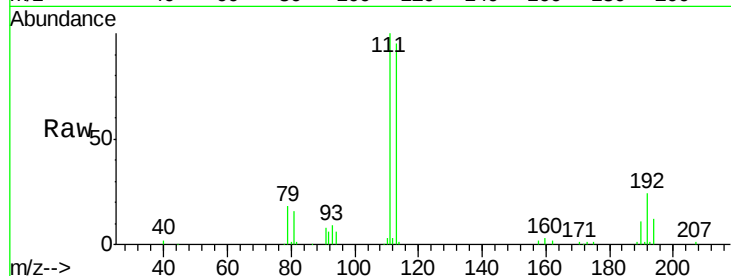




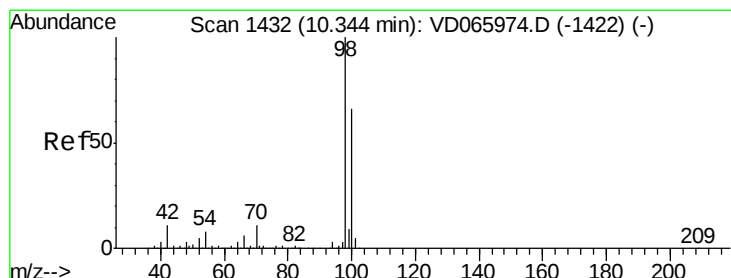
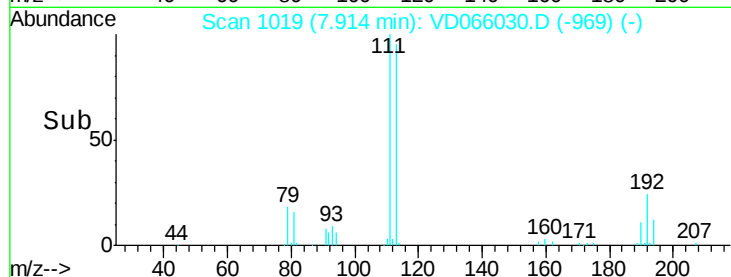
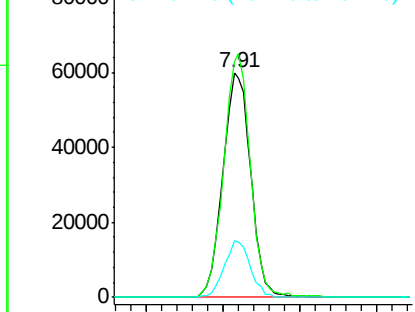
#35
 Dibromofluoromethane
 Concen: 48.906 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066030.D
 Acq: 23 Jul 2020 17:52

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP

Tot Ion:113 Resp: 150038
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.2 124.8
 192 23.7 18.7 28.1

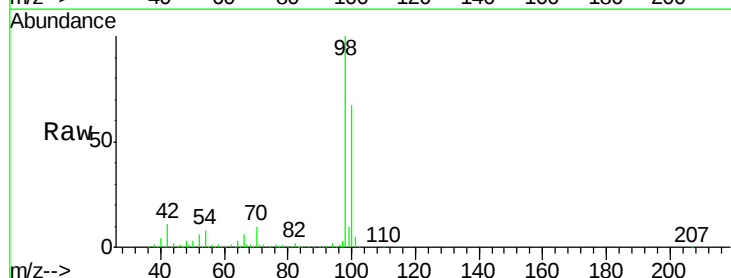


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

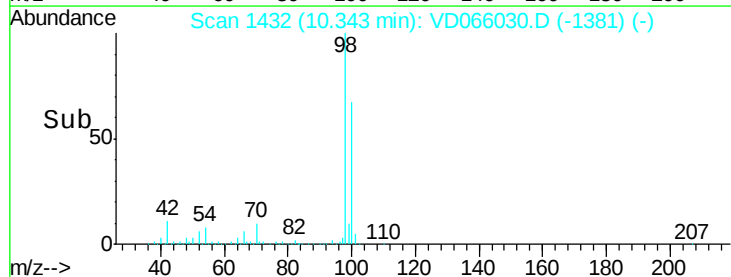
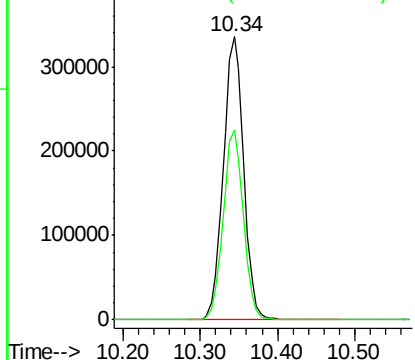


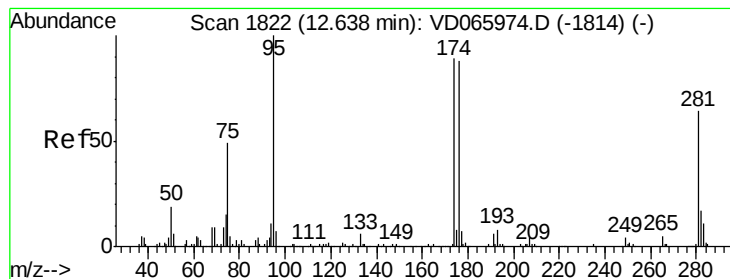
#50
 Toluene-d8
 Concen: 53.767 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD066030.D
 Acq: 23 Jul 2020 17:52

Tgt Ion: 98 Resp: 614487
 Ion Ratio Lower Upper
 98 100
 100 66.7 52.7 79.1



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





#62

4-Bromofluorobenzene

Concen: 61.187 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066030.D

Acq: 23 Jul 2020 17:52

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP

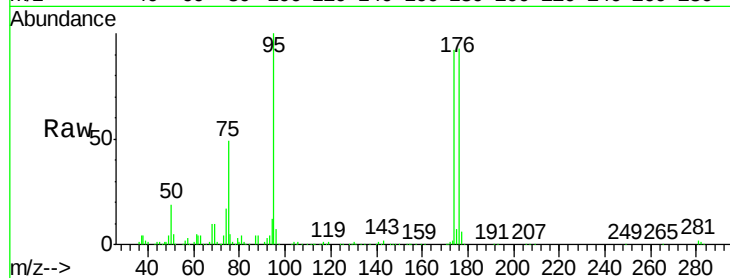
Tot Ion: 95 Resp: 242471

Ion Ratio Lower Upper

95 100

174 93.0 0.0 178.8

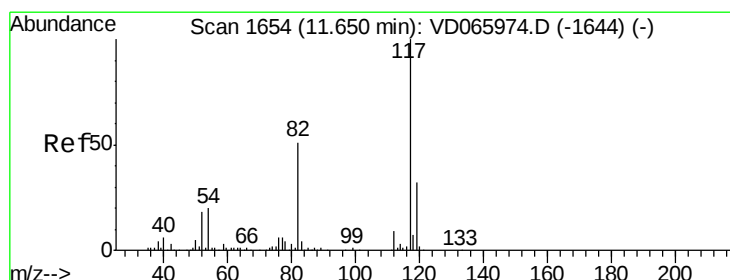
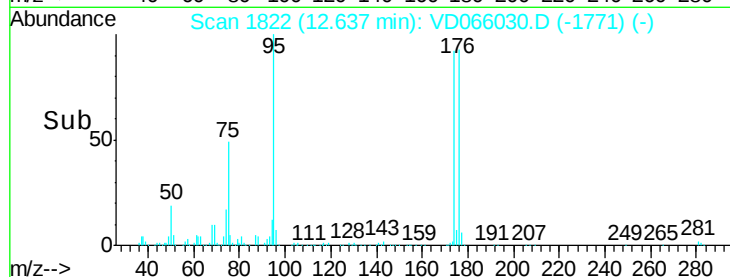
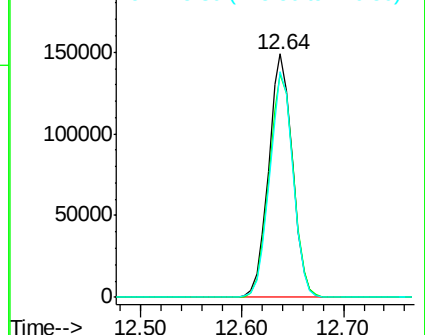
176 90.5 0.0 172.6



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: VD066030.D

Acq: 23 Jul 2020 17:52

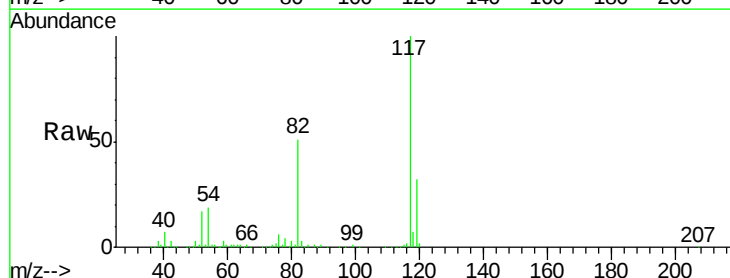
Tgt Ion: 117 Resp: 527822

Ion Ratio Lower Upper

117 100

82 50.6 41.1 61.7

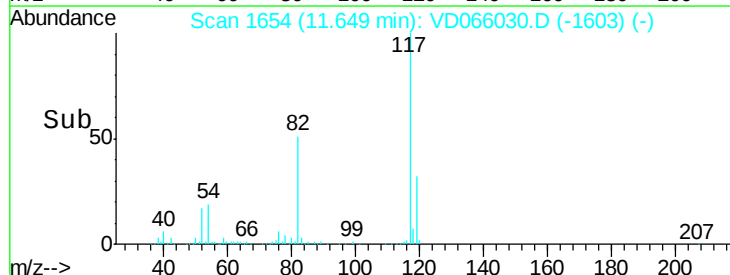
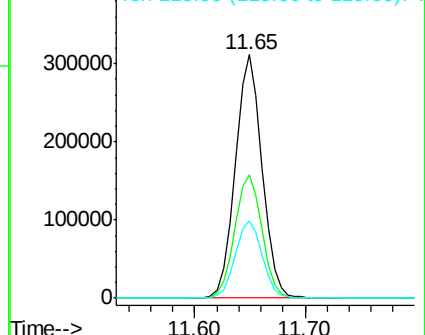
119 31.6 25.9 38.9

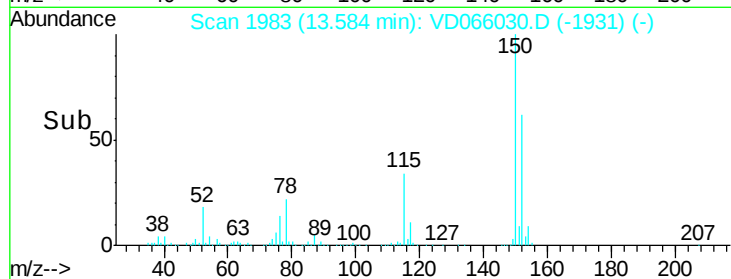
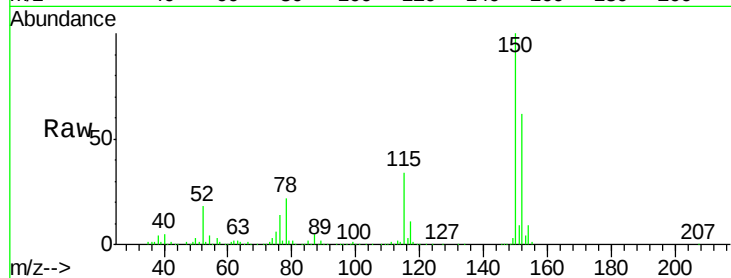
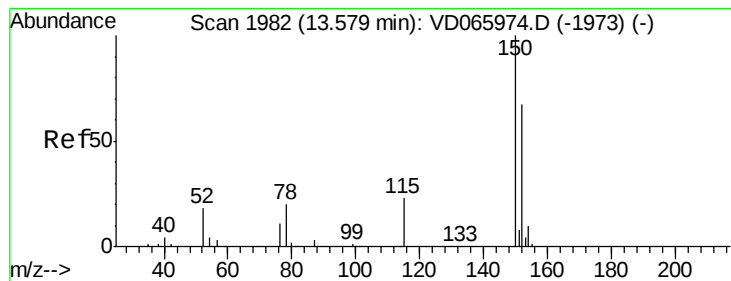


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1983

Delta R.T. 0.01 min

Lab File: VD066030.D

Acq: 23 Jul 2020 17:52

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP

Tot Ion:152 Resp: 279559

Ion Ratio Lower Upper

152 100

115 54.8 27.9 83.7

150 158.0 0.0 348.2

