

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072820\
 Data File : VD066079.D
 Acq On : 28 Jul 2020 16:02
 Operator : VA/SY
 Sample : L3473-07
 Misc : 7.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-D2

Quant Time: Jul 29 08:24:45 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

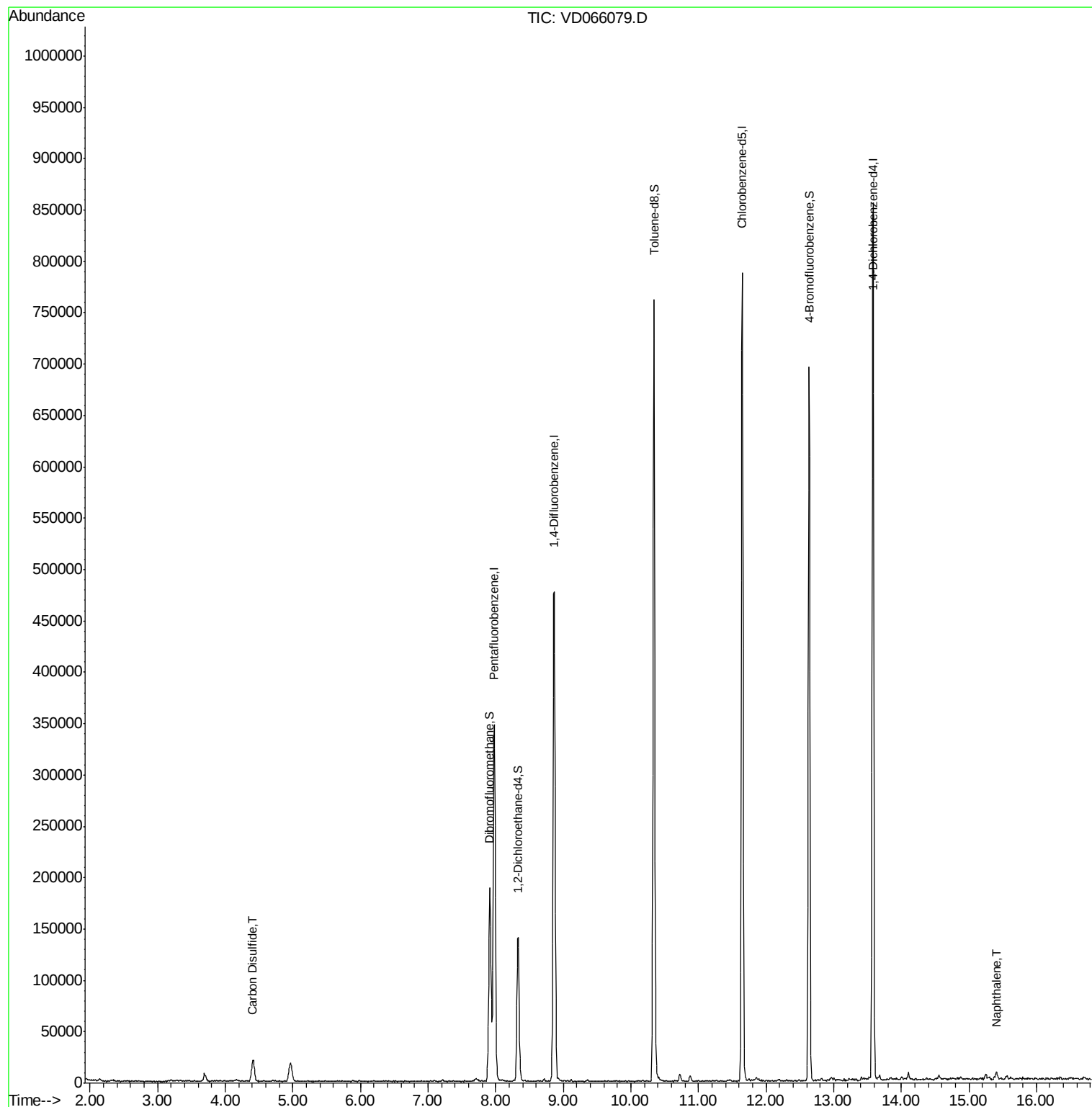
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	281008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	436432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	461447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	242168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	118135	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
35) Dibromofluoromethane	7.91	113	135193	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
50) Toluene-d8	10.34	98	526582	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
62) 4-Bromofluorobenzene	12.64	95	214413	62.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.42%	
Target Compounds						
17) Carbon Disulfide	4.41	76	47229	6.267	ug/l	99
95) Naphthalene	15.41	128	7209	4.418	ug/l	99

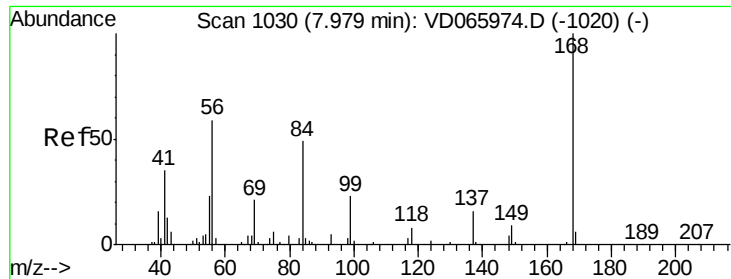
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 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: VD066079.D

Acq: 28 Jul 2020 16:02

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MSVOA_D

ClientSampleId :

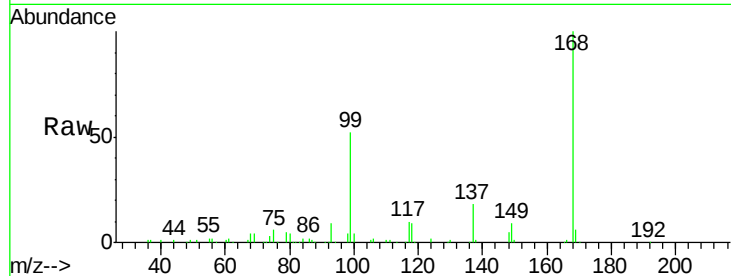
TP-2-D2

Tgt Ion:168 Resp: 281008

Ion Ratio Lower Upper

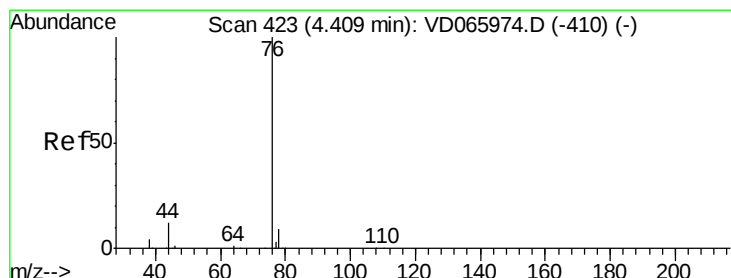
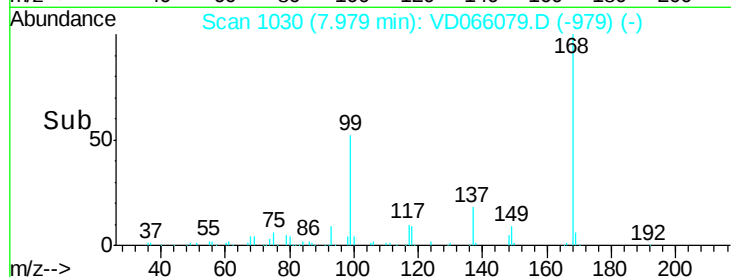
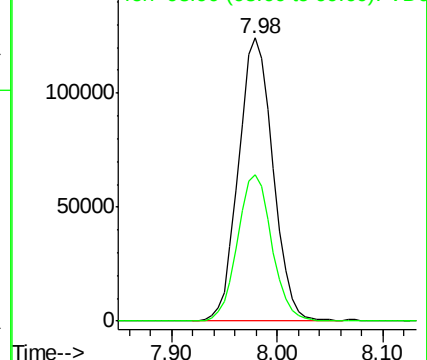
168 100

99 51.8 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#17

Carbon Disulfide

Concen: 6.267 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066079.D

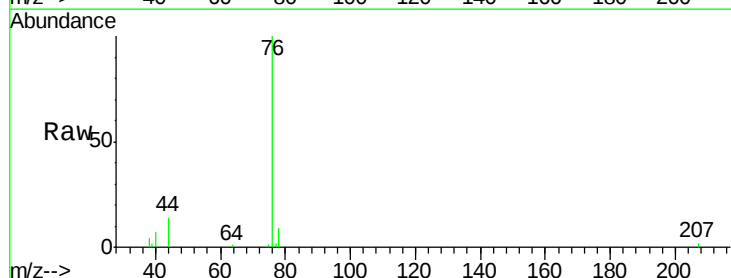
Acq: 28 Jul 2020 16:02

Tgt Ion: 76 Resp: 47229

Ion Ratio Lower Upper

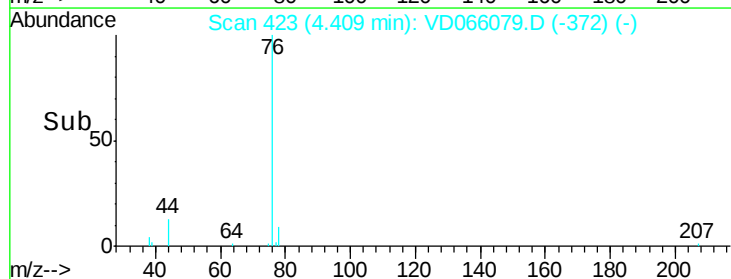
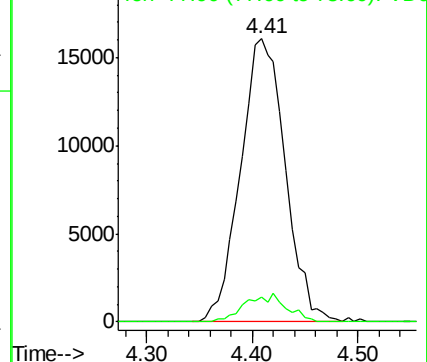
76 100

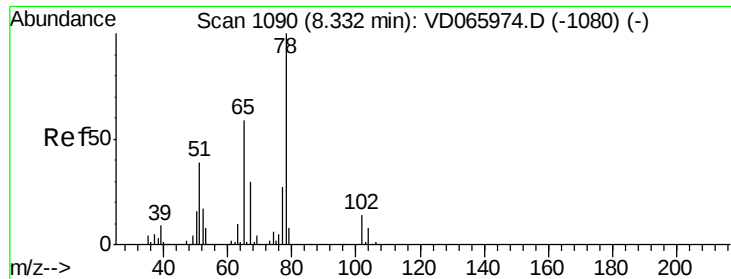
78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

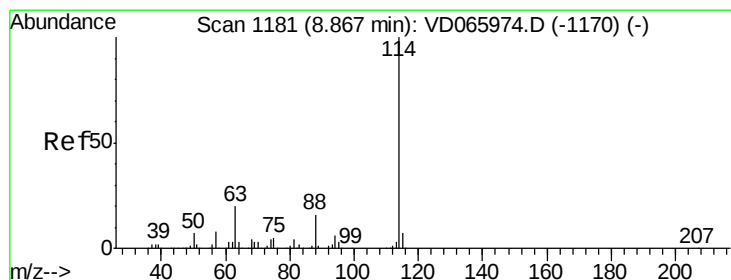
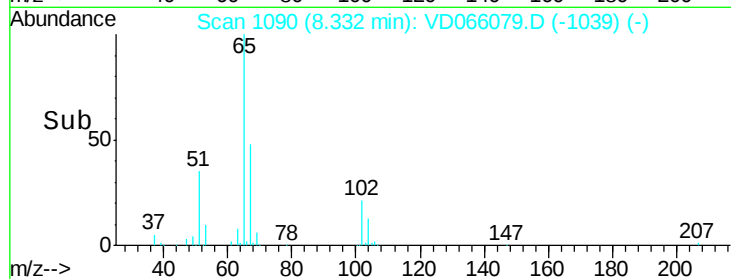
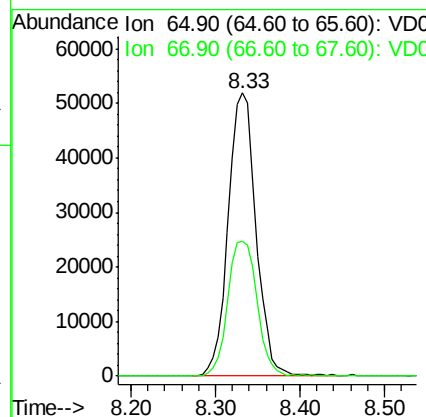
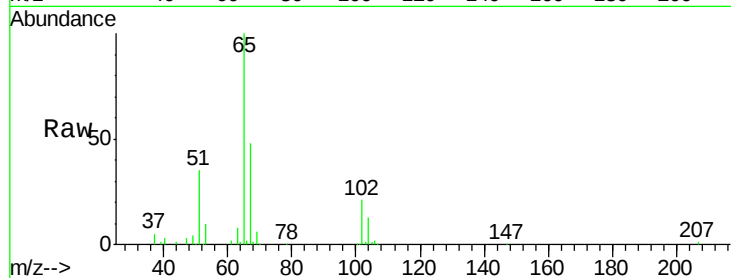




#33
 1,2-Dichloroethane-d4
 Concen: 51.666 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066079.D
 Acq: 28 Jul 2020 16:02

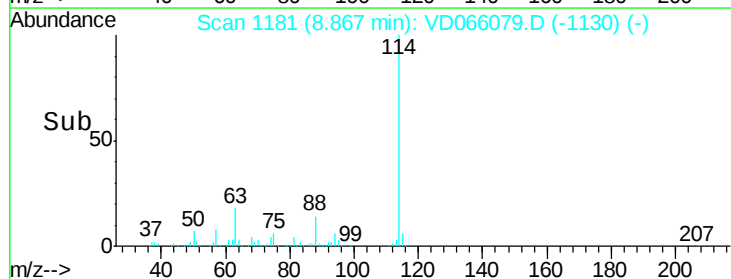
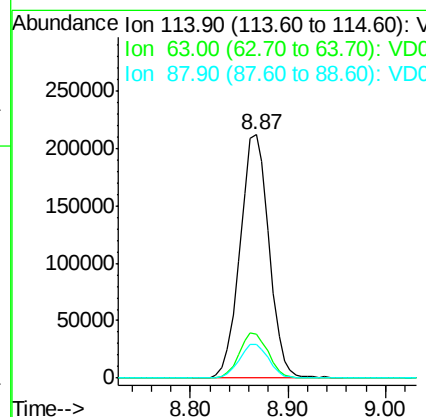
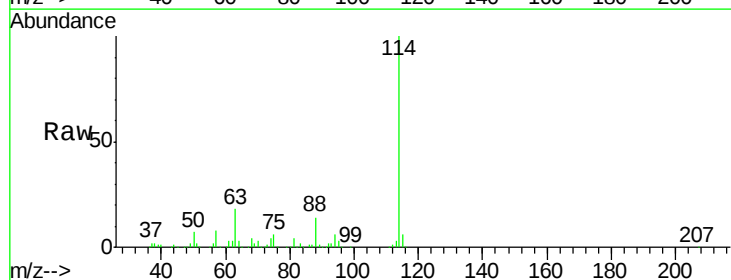
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-D2

Tgt Ion: 65 Resp: 118135
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066079.D
 Acq: 28 Jul 2020 16:02

Tgt Ion: 114 Resp: 436432
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.6
 88 14.1 0.0 31.2

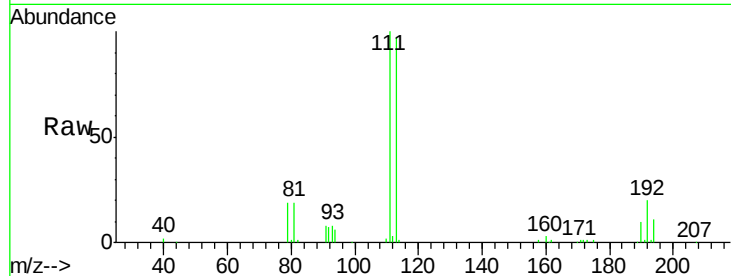




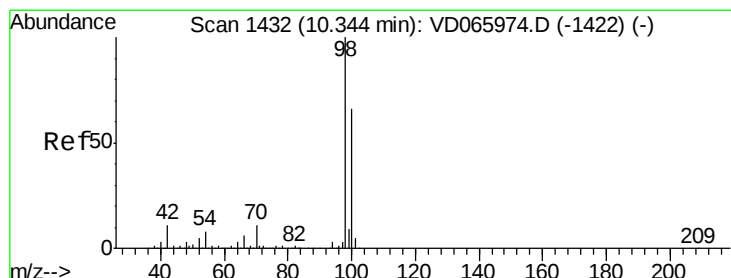
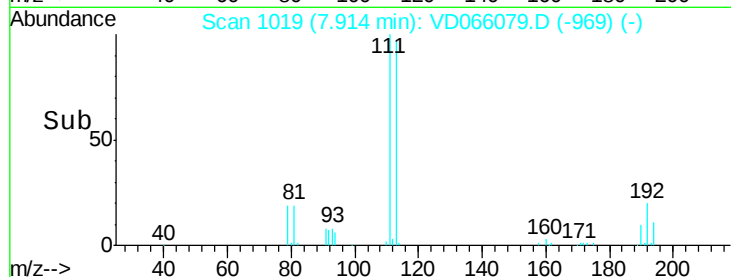
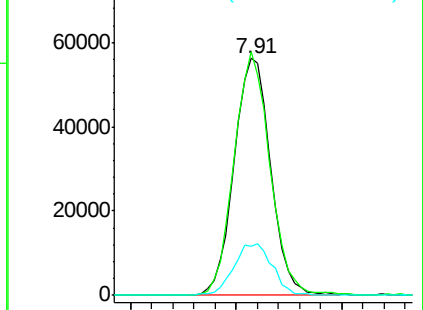
#35
Dibromofluoromethane
Concen: 51.072 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD066079.D
Acq: 28 Jul 2020 16:02

Instrument :
MSVOA_D
ClientSampleId :
TP-2-D2

Tgt Ion:113 Resp: 135193
Ion Ratio Lower Upper
113 100
111 100.7 83.2 124.8
192 22.9 18.7 28.1

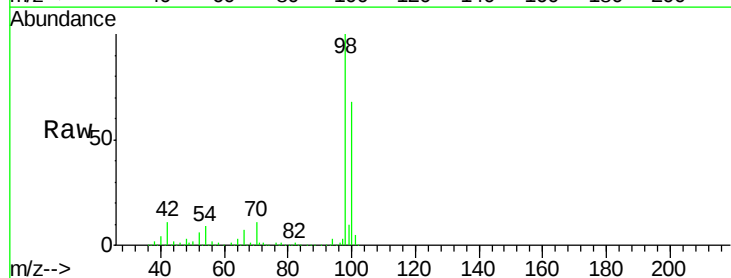


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

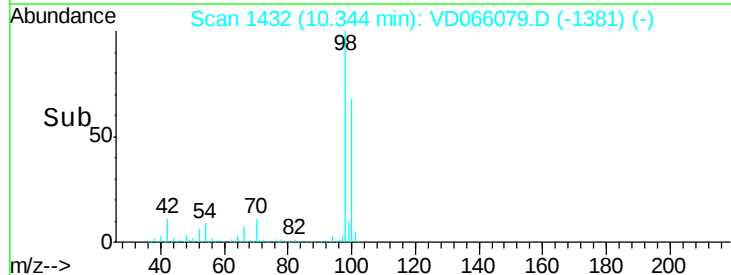
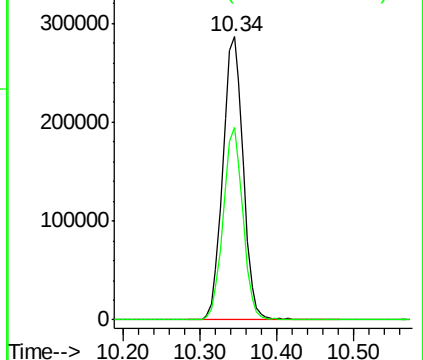


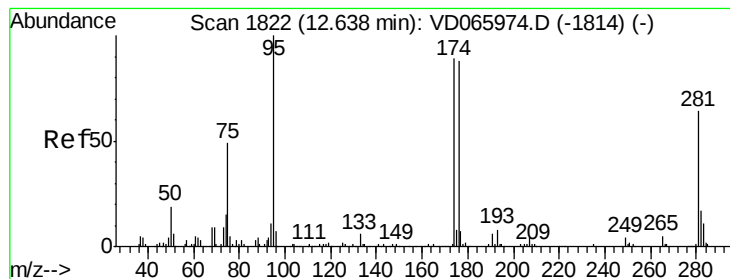
#50
Toluene-d8
Concen: 53.400 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066079.D
Acq: 28 Jul 2020 16:02

Tgt Ion: 98 Resp: 526582
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



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





#62

4-Bromofluorobenzene

Concen: 62.708 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066079.D

Acq: 28 Jul 2020 16:02

Instrument :

MSVOA_D

ClientSampleId :

TP-2-D2

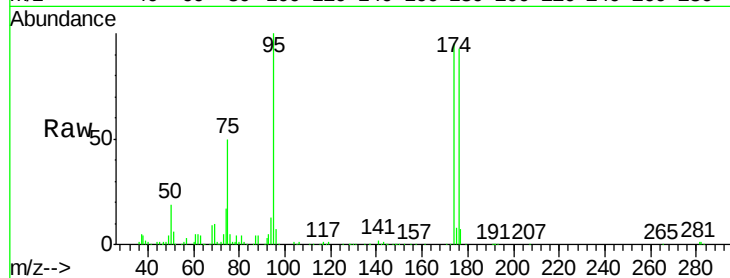
Tgt Ion: 95 Resp: 214413

Ion Ratio Lower Upper

95 100

174 95.1 0.0 178.8

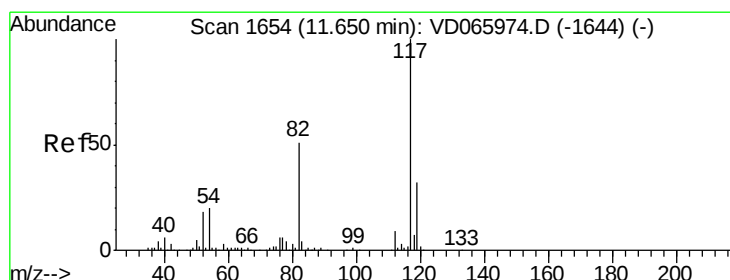
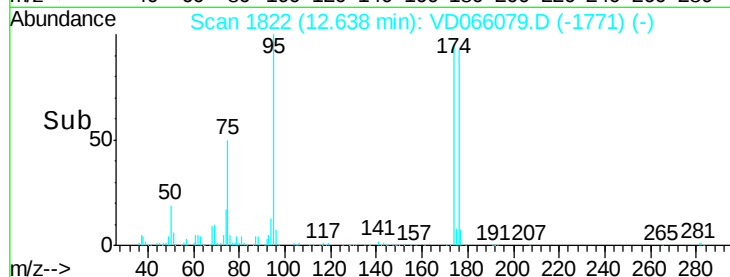
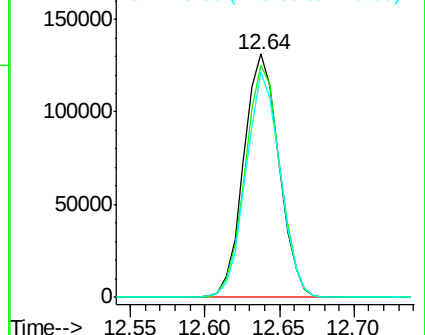
176 89.8 0.0 172.6



Abundance Ion 94.90 (94.60 to 95.60): VD

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: VD066079.D

Acq: 28 Jul 2020 16:02

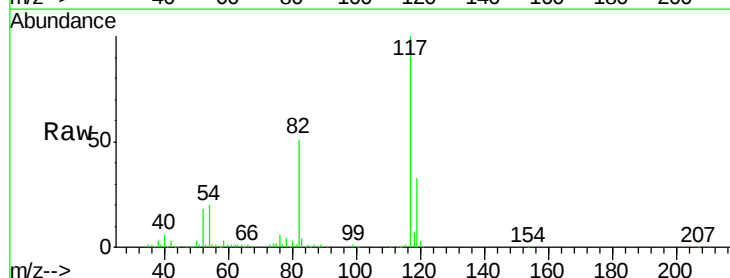
Tgt Ion: 117 Resp: 461447

Ion Ratio Lower Upper

117 100

82 51.1 41.1 61.7

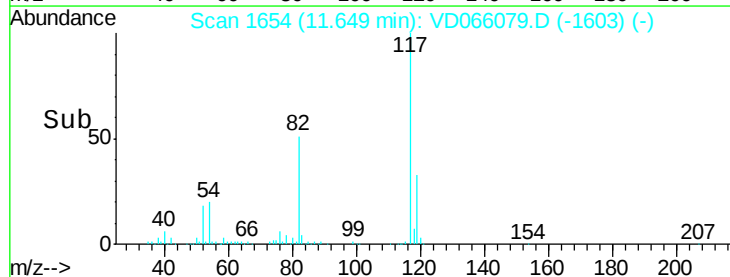
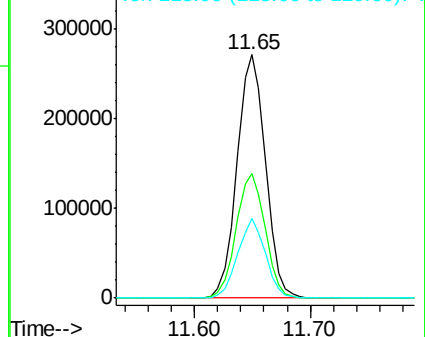
119 32.8 25.9 38.9

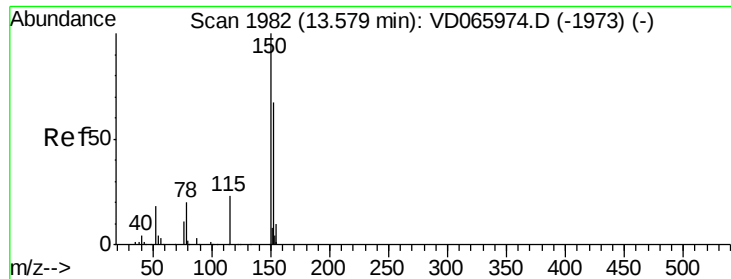


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VD

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: VD066079.D

Acq: 28 Jul 2020 16:02

Instrument :

MSVOA_D

ClientSampleId :

TP-2-D2

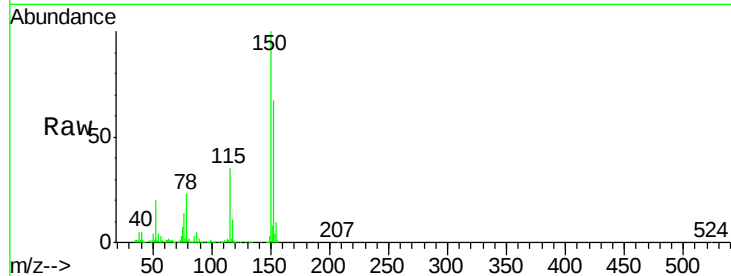
Tgt Ion:152 Resp: 242168

Ion Ratio Lower Upper

152 100

115 56.6 27.9 83.7

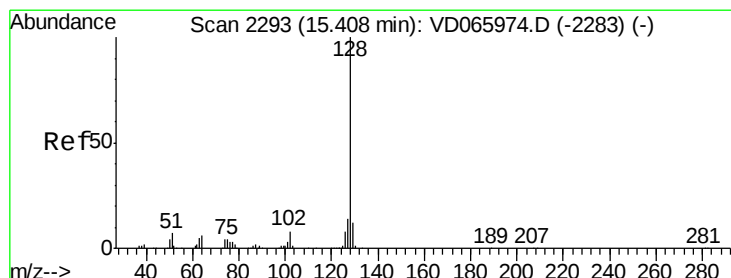
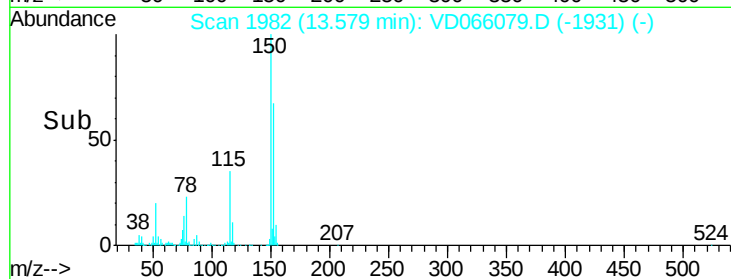
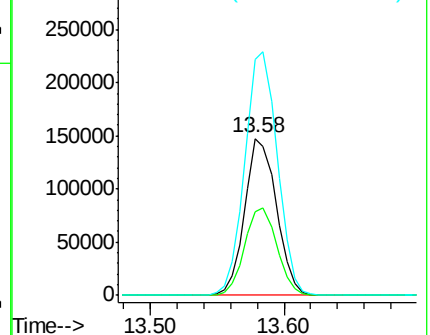
150 159.1 0.0 348.2



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



#95

Naphthalene

Concen: 4.418 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD066079.D

Acq: 28 Jul 2020 16:02

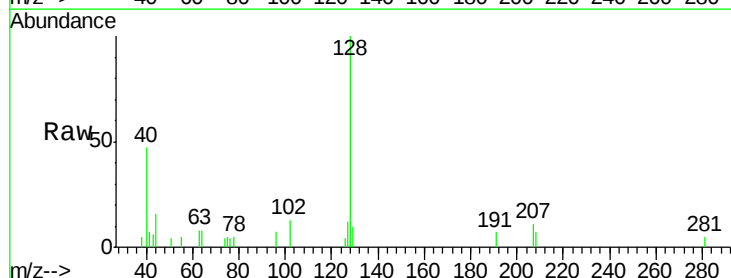
Tgt Ion:128 Resp: 7209

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 12.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

