

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072820\
 Data File : VD066076.D
 Acq On : 28 Jul 2020 13:21
 Operator : VA/SY
 Sample : L3185-01
 Misc : 7.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-05-072720

Quant Time: Jul 29 01:59:16 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

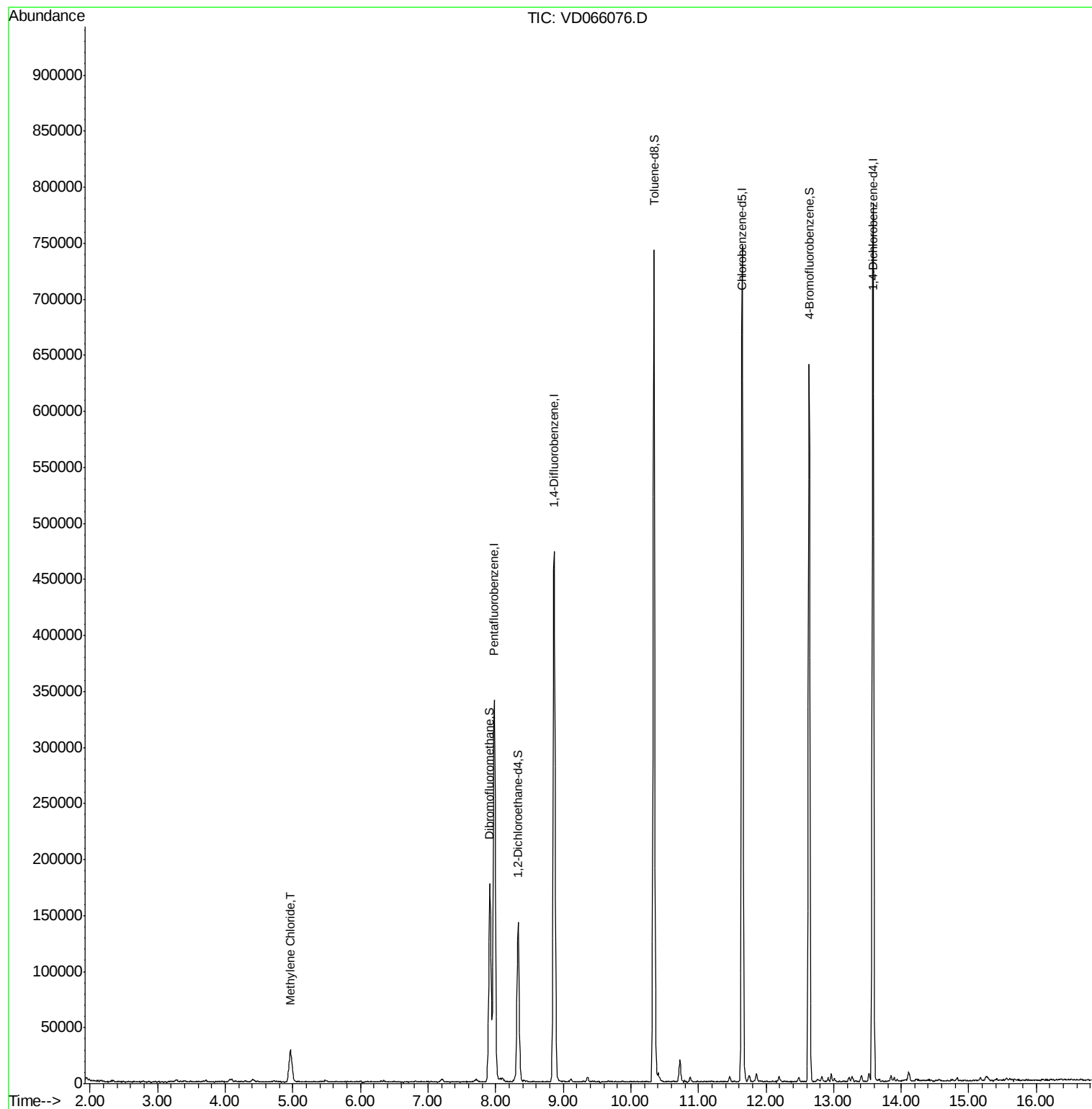
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	272951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	417792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	436076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	219035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	115228	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
35) Dibromofluoromethane	7.91	113	126528	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.34	98	502183	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.64	95	200090	61.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.26%	
Target Compounds						
20) Methylene Chloride	4.96	84	22908	6.645	ug/l	Qvalue 90

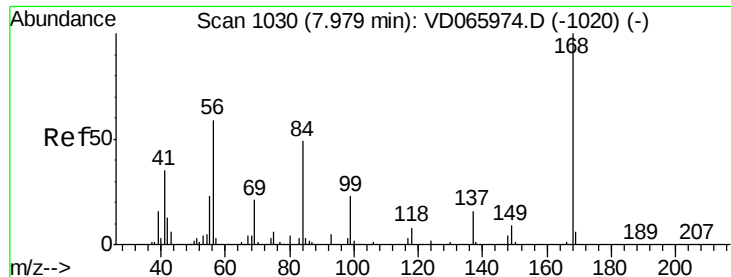
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066076.D

Acq: 28 Jul 2020 13:21

Instrument :

MSVOA_D

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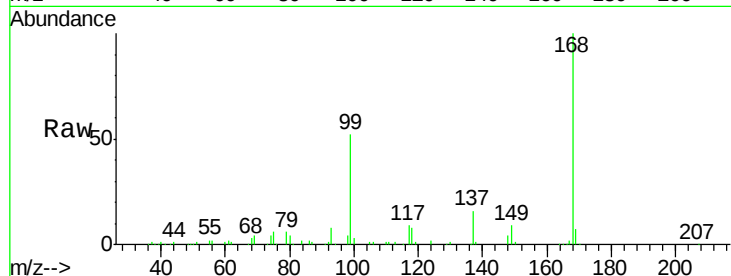
PL-05-072720

Tgt Ion:168 Resp: 272951

Ion Ratio Lower Upper

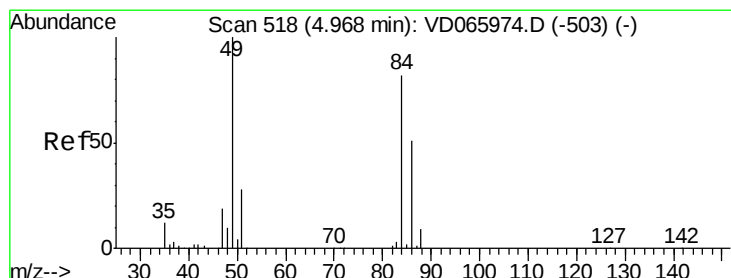
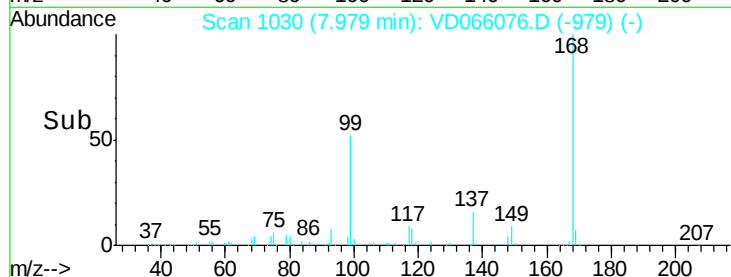
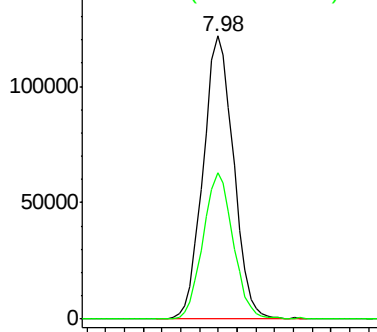
168 100

99 51.5 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: 6.645 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066076.D

Acq: 28 Jul 2020 13:21

Tgt Ion: 84 Resp: 22908

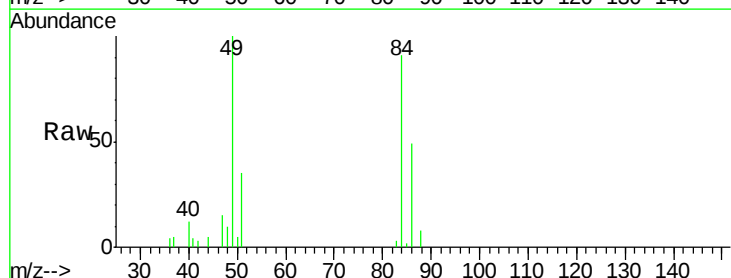
Ion Ratio Lower Upper

84 100

49 110.4 97.7 146.5

51 38.3 27.4 41.2

86 53.9 49.4 74.2

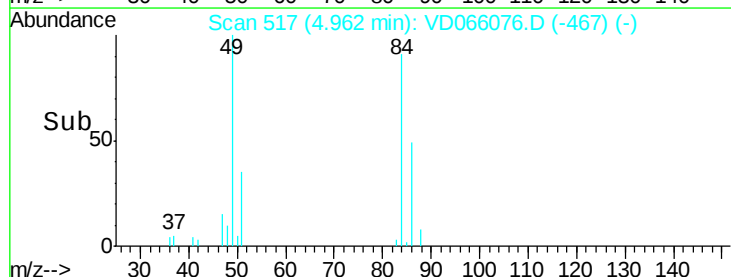
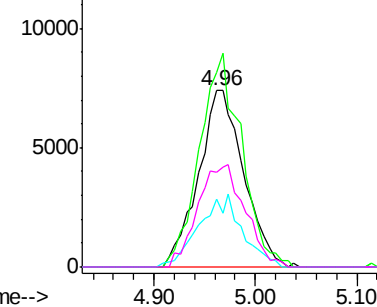


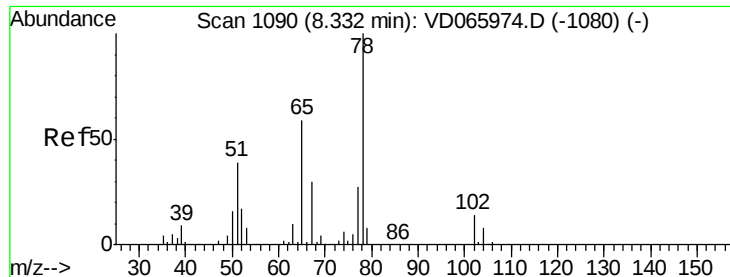
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

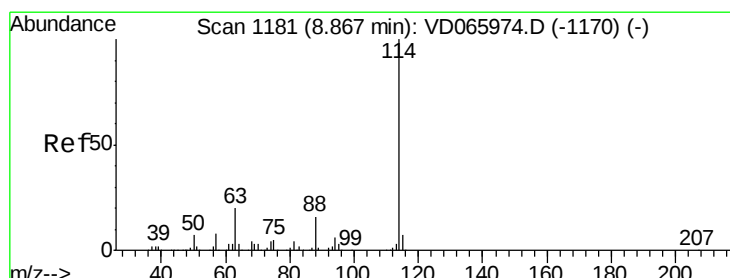
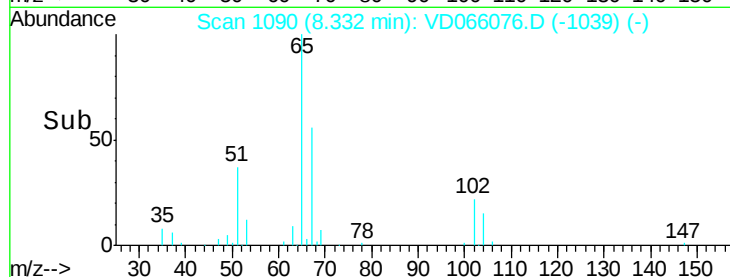
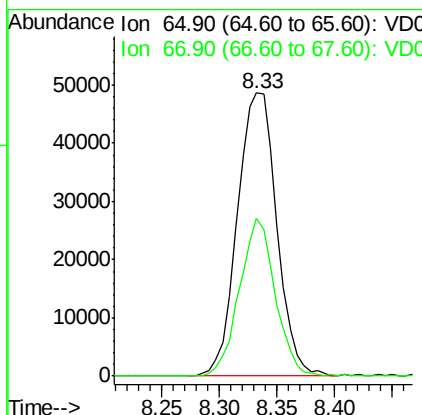
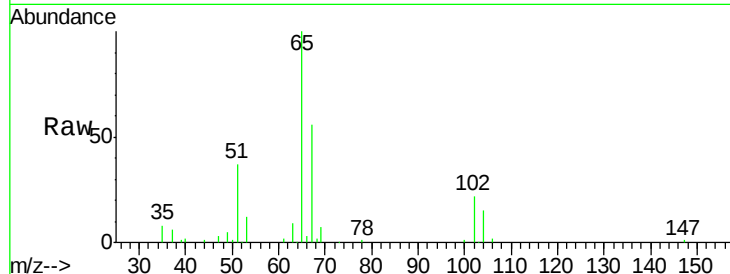




#33
 1,2-Dichloroethane-d4
 Concen: 51.882 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066076.D
 Acq: 28 Jul 2020 13:21

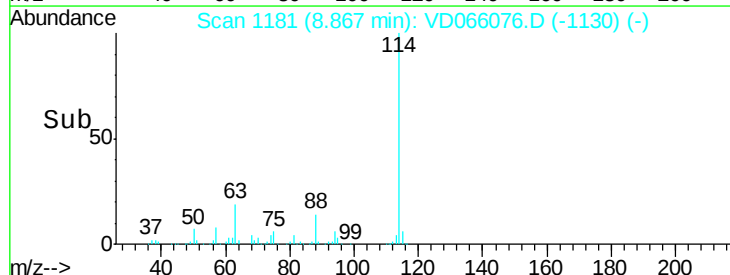
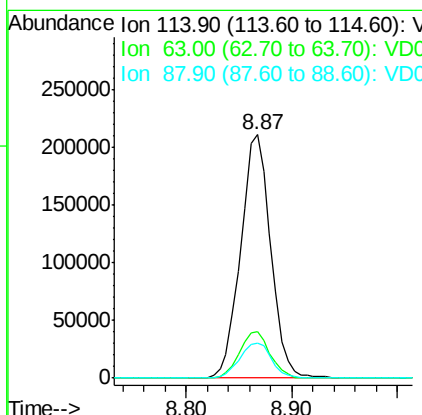
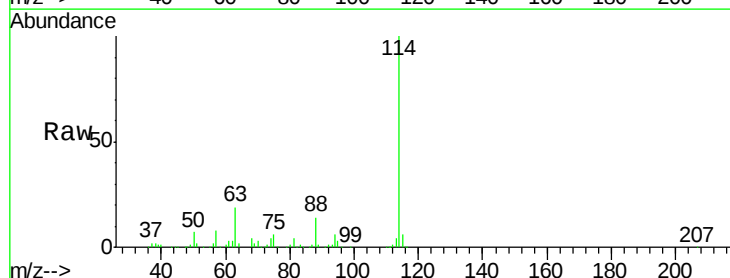
Instrument :
 MSVOA_D
 ClientSampleId :
 PL-05-072720

Tgt Ion: 65 Resp: 115228
 Ion Ratio Lower Upper
 65 100
 67 50.4 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: VD066076.D
 Acq: 28 Jul 2020 13:21

Tgt Ion: 114 Resp: 417792
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.6
 88 14.3 0.0 31.2

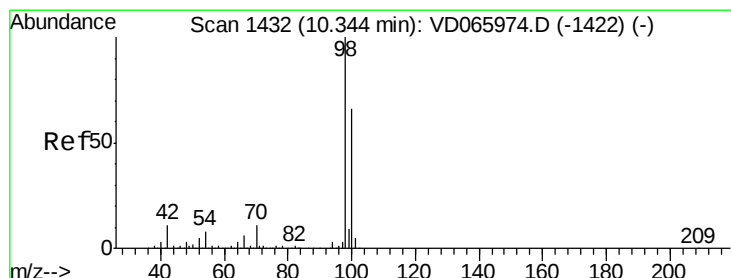
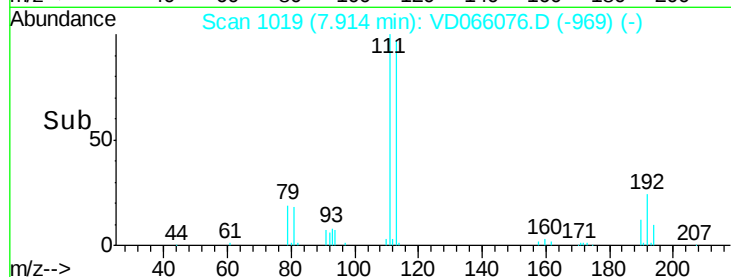
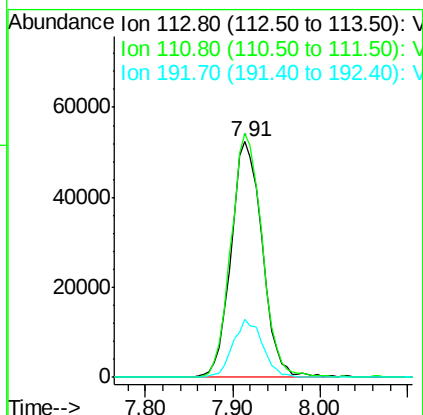
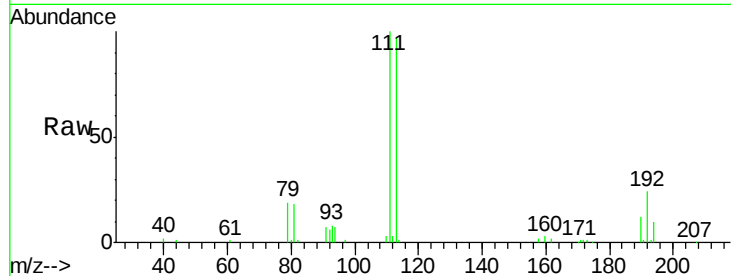




#35
Dibromofluoromethane
Concen: 49.931 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD066076.D
Acq: 28 Jul 2020 13:21

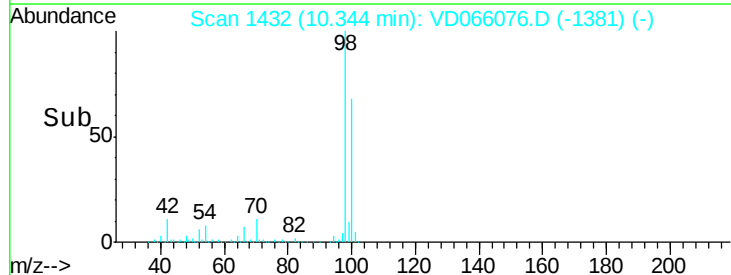
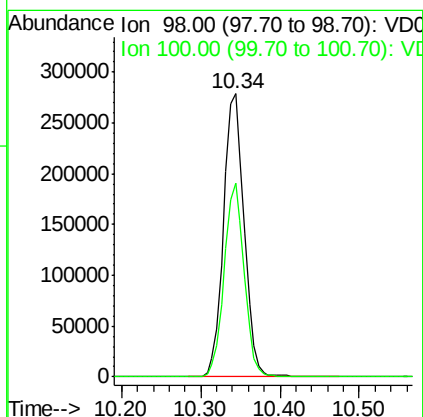
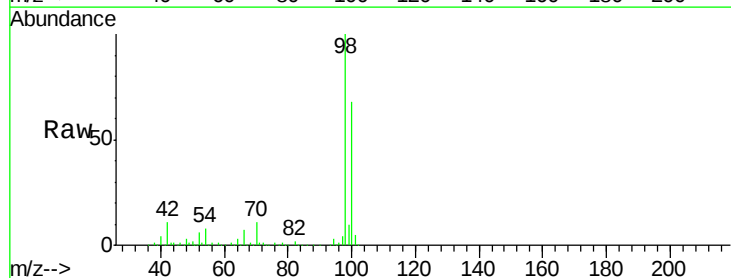
Instrument :
MSVOA_D
ClientSampleId :
PL-05-072720

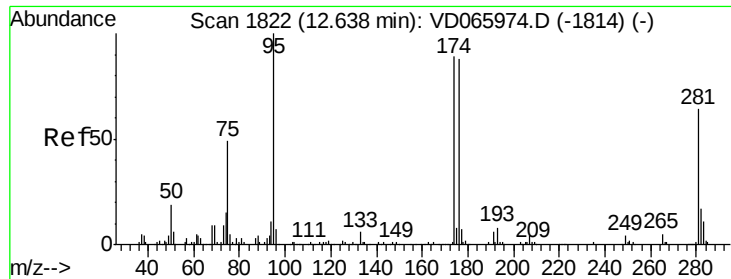
Tgt Ion: 113 Resp: 126528
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 23.3 18.7 28.1



#50
Toluene-d8
Concen: 53.198 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066076.D
Acq: 28 Jul 2020 13:21

Tgt Ion: 98 Resp: 502183
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1

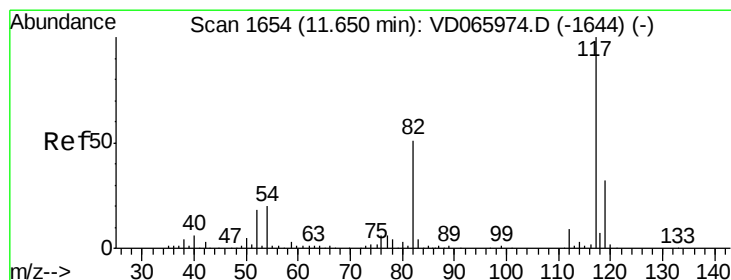
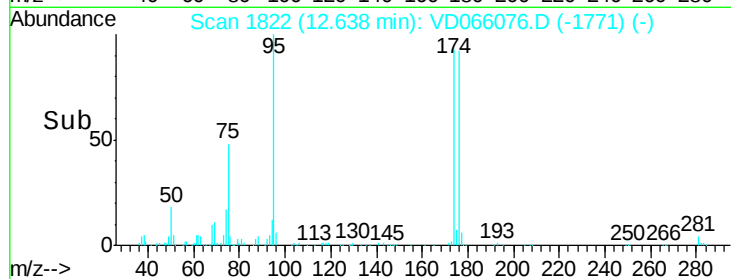
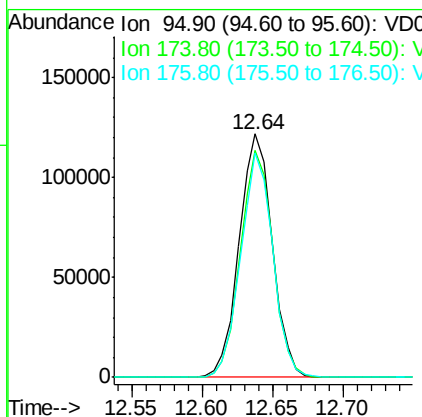
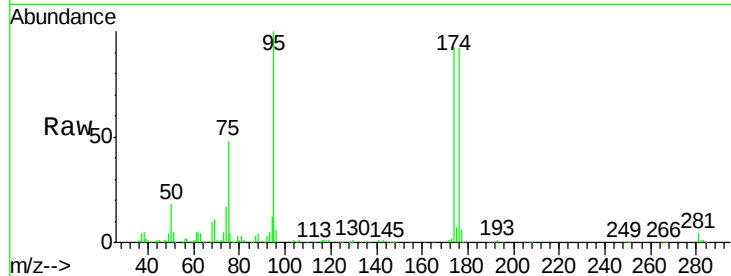




#62
4-Bromofluorobenzene
Concen: 61.130 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066076.D
Acq: 28 Jul 2020 13:21

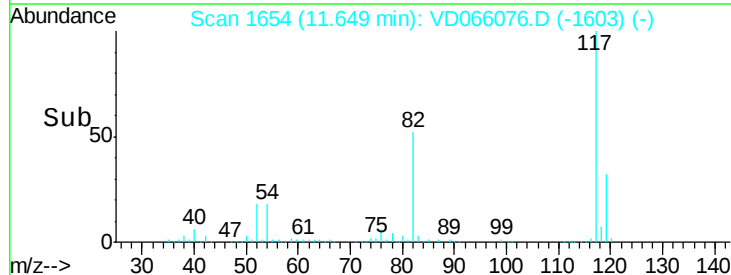
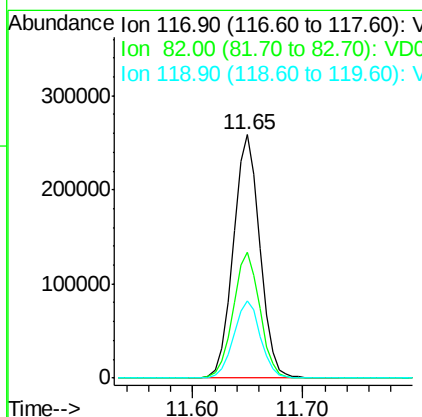
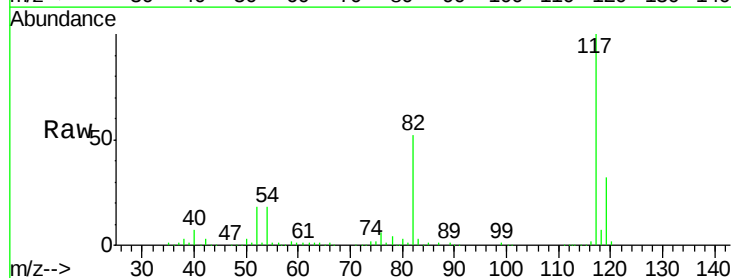
Instrument :
MSVOA_D
ClientSampleId :
PL-05-072720

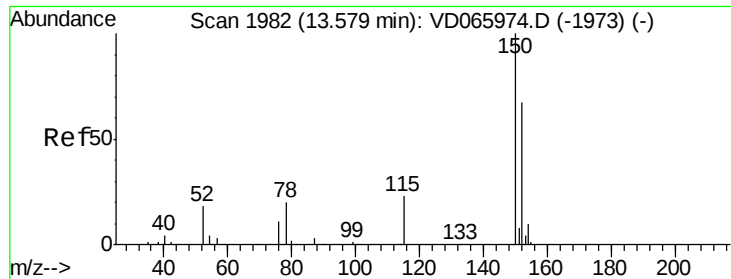
Tgt Ion: 95 Resp: 200090
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.8
176 89.5 0.0 172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066076.D
Acq: 28 Jul 2020 13:21

Tgt Ion: 117 Resp: 436076
Ion Ratio Lower Upper
117 100
82 51.6 41.1 61.7
119 31.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD066076.D

Acq: 28 Jul 2020 13:21

Instrument :

MSVOA_D

ClientSampleId :

PL-05-072720

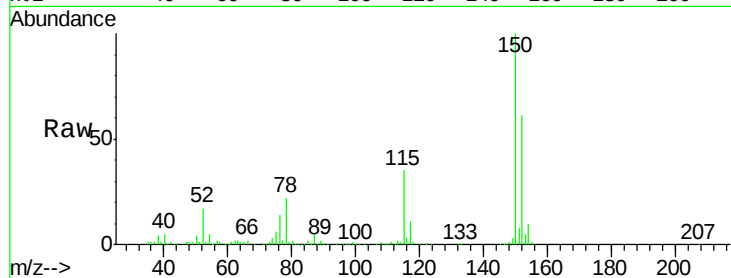
Tgt Ion:152 Resp: 219035

Ion Ratio Lower Upper

152 100

115 55.0 27.9 83.7

150 156.9 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

