

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066047.D
 Acq On : 24 Jul 2020 15:12
 Operator : VA/SY
 Sample : L3383-25
 Misc : 7.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-014

Quant Time: Jul 25 00:25:42 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

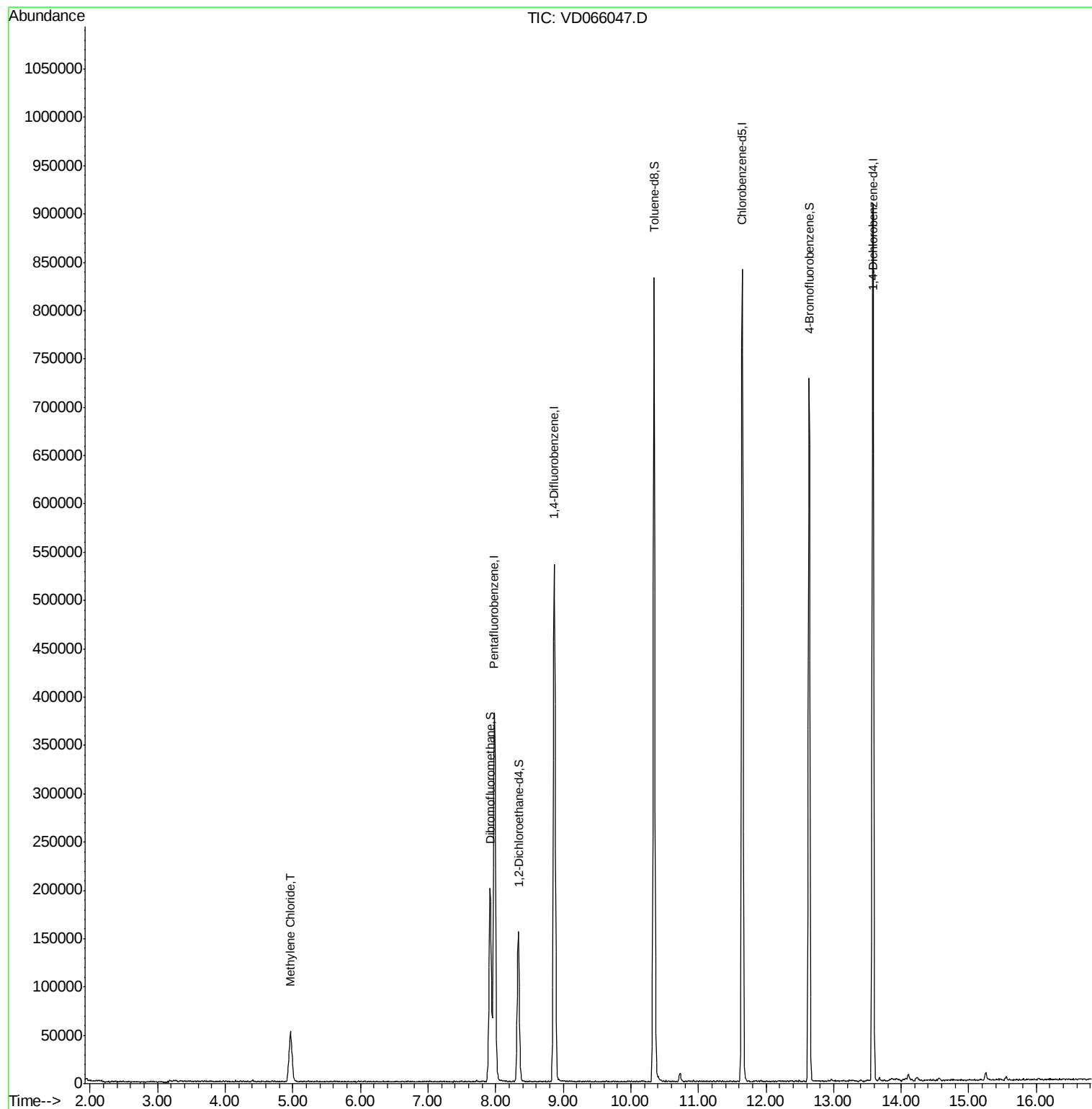
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	307218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	472230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	505637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	124105	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
35) Dibromofluoromethane	7.92	113	143721	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.34	98	576723	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.10%	
62) 4-Bromofluorobenzene	12.64	95	231893	62.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.36%	
Target Compounds						
20) Methylene Chloride	4.97	84	38923	11.637	ug/l	Qvalue 94

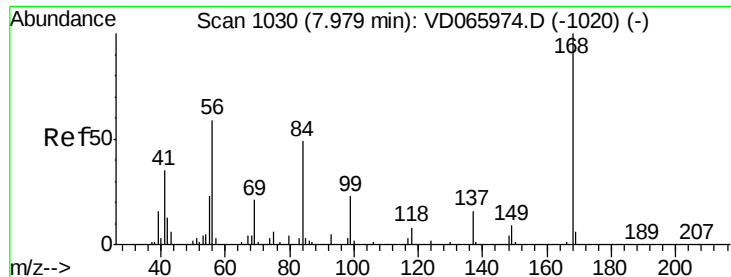
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066047.D

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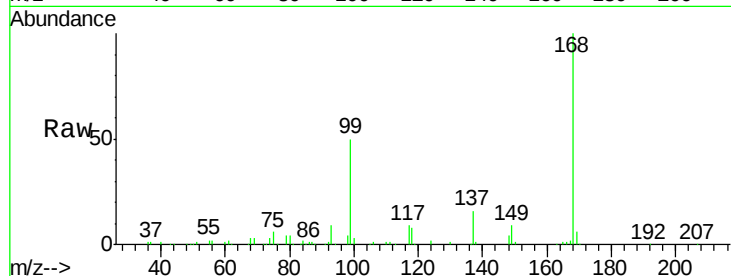
CRT-014

Tot Ion:168 Resp: 307218

Ion Ratio Lower Upper

168 100

99 49.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

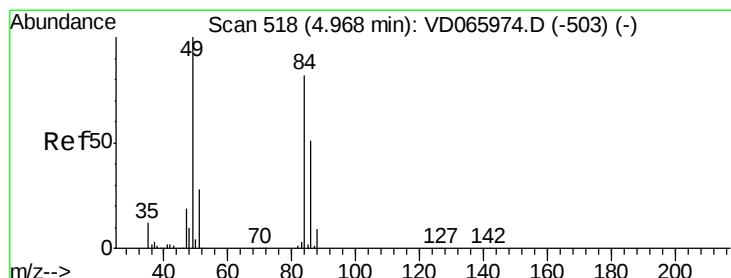
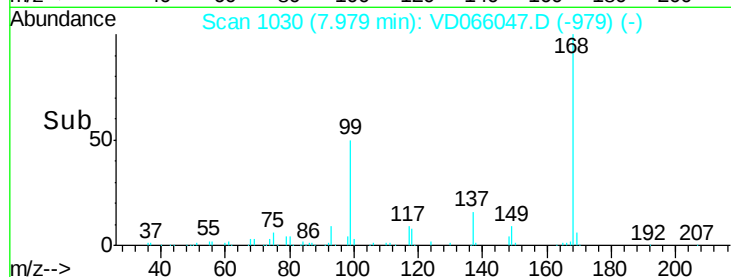
100000

50000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 11.637 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066047.D

Acq: 24 Jul 2020 15:12

Tgt Ion: 84 Resp: 38923

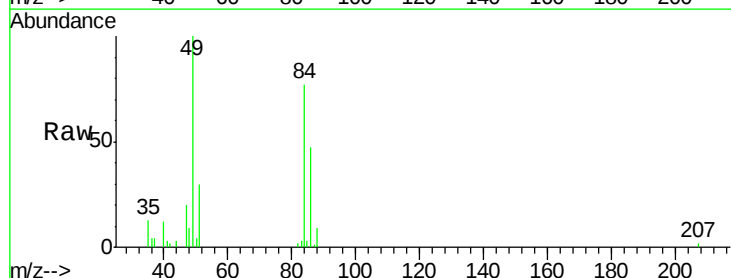
Ion Ratio Lower Upper

84 100

49 130.6 97.7 146.5

51 39.1 27.4 41.2

86 61.9 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

20000

15000

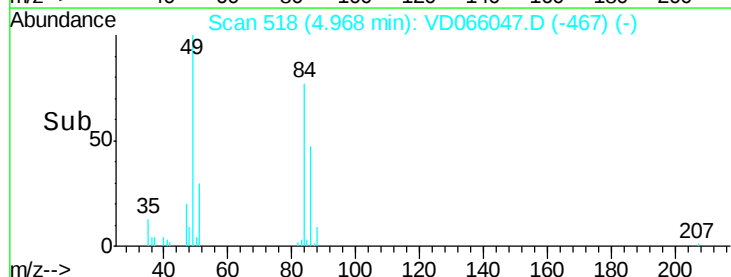
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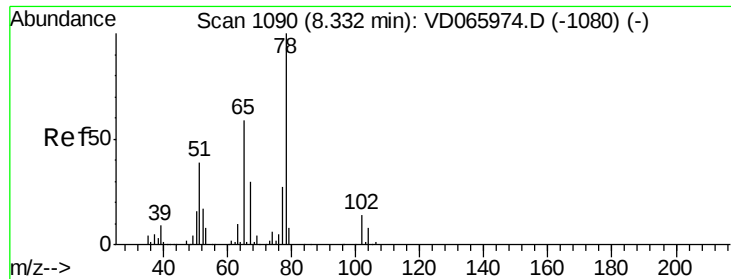
5000

0

4.90 5.00 5.10

Time-->

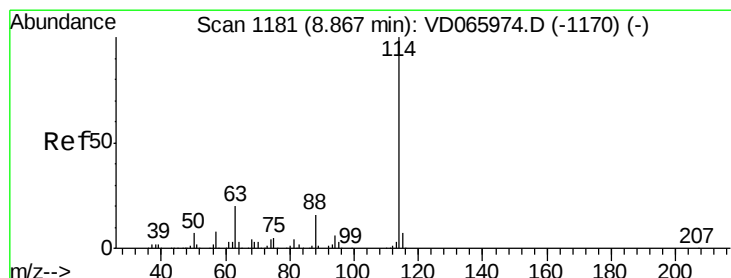
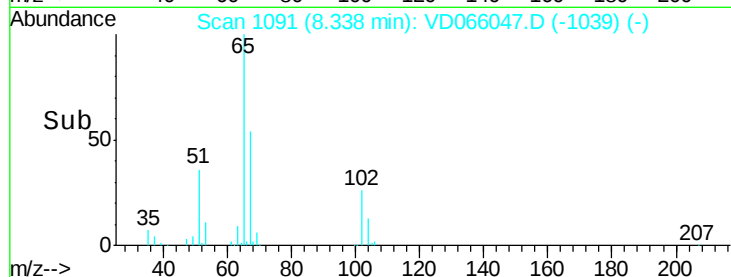
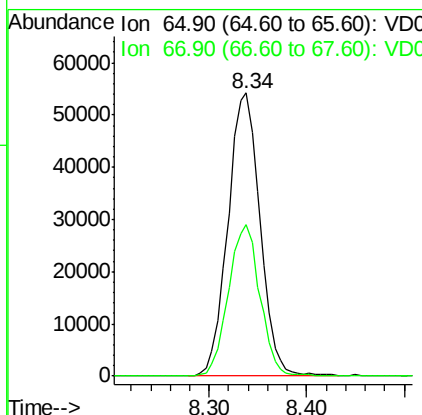
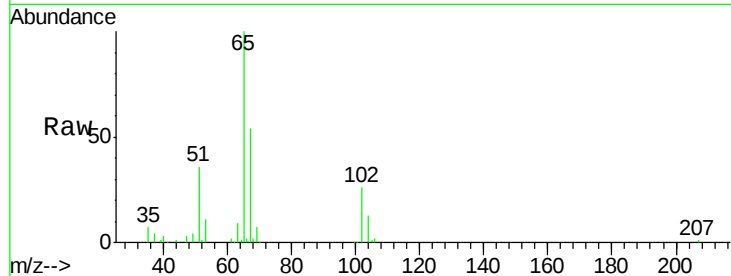




#33
 1,2-Dichloroethane-d4
 Concen: 49.646 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD066047.D
 Acq: 24 Jul 2020 15:12

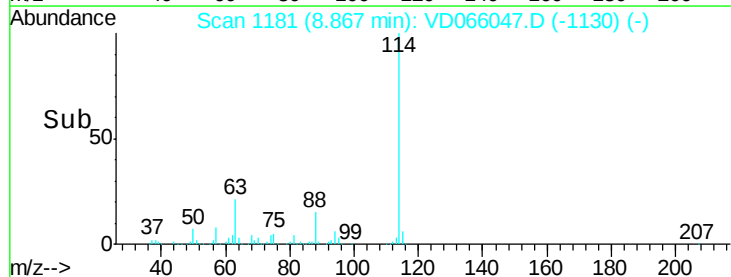
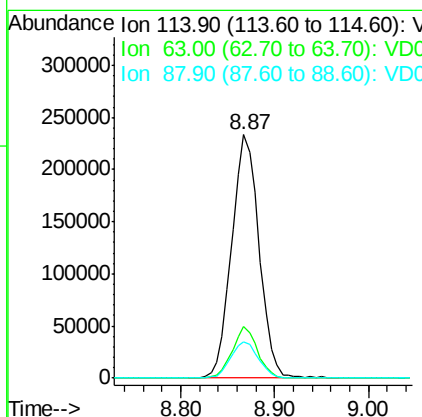
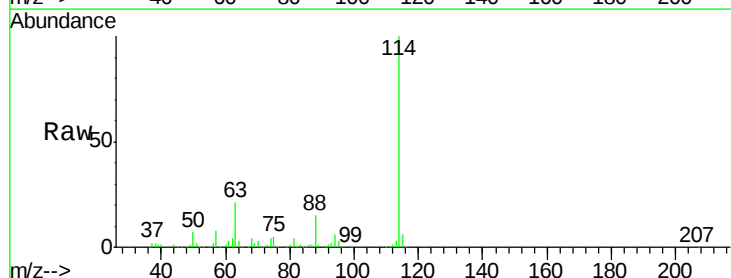
Instrument :
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 CRT-014

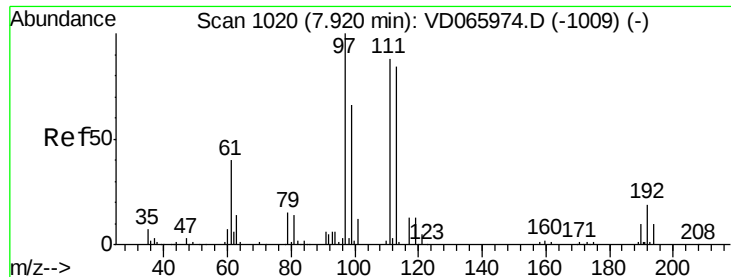
Tot Ion: 65 Resp: 124105
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD066047.D
 Acq: 24 Jul 2020 15:12

Tgt Ion: 114 Resp: 472230
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.6
 88 14.9 0.0 31.2

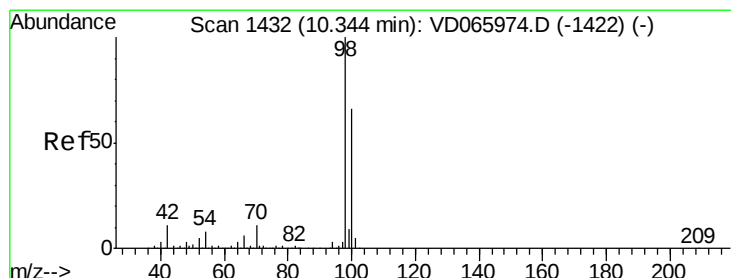
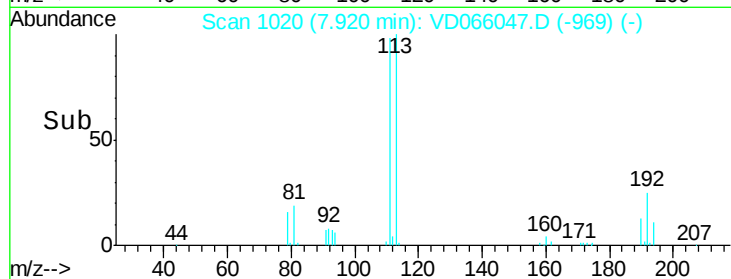
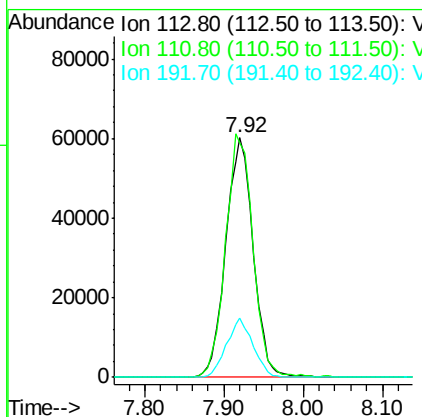
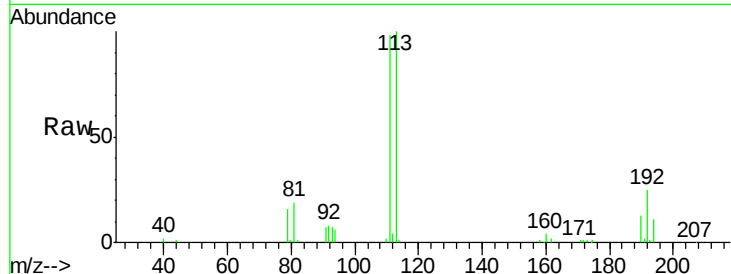




#35
 Dibromofluoromethane
 Concen: 50.178 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD066047.D
 Acq: 24 Jul 2020 15:12

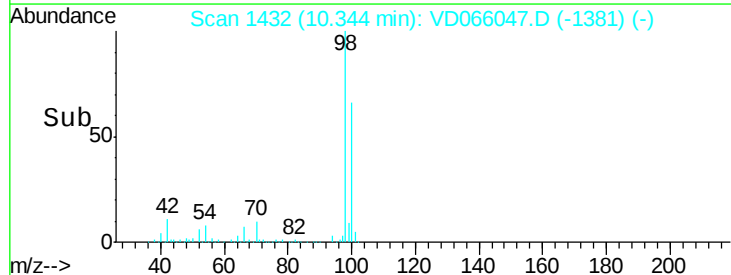
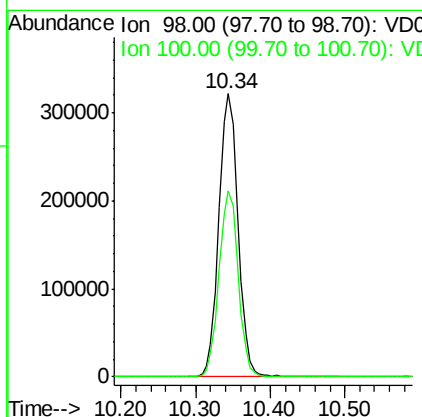
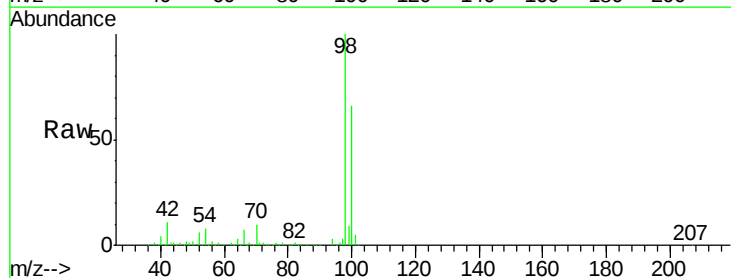
Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-014

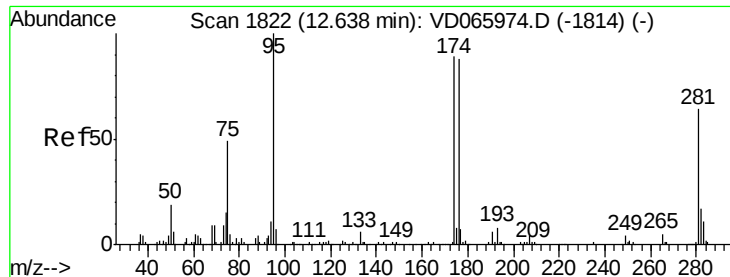
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.2	124.8
192	24.0	18.7	28.1



#50
 Toluene-d8
 Concen: 54.051 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD066047.D
 Acq: 24 Jul 2020 15:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.7	79.1

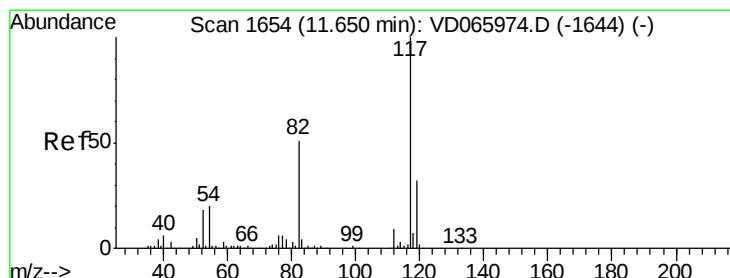
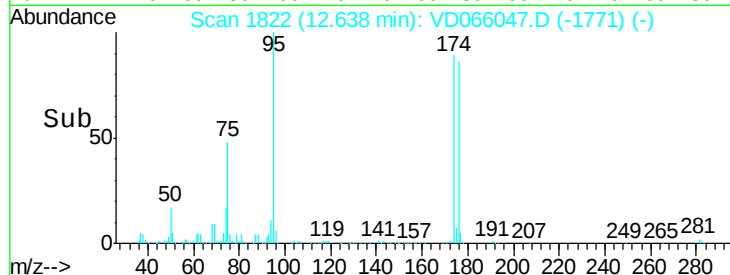
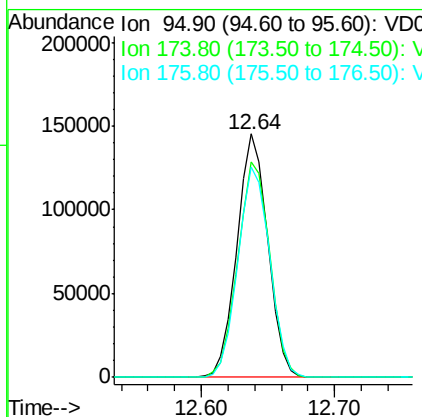
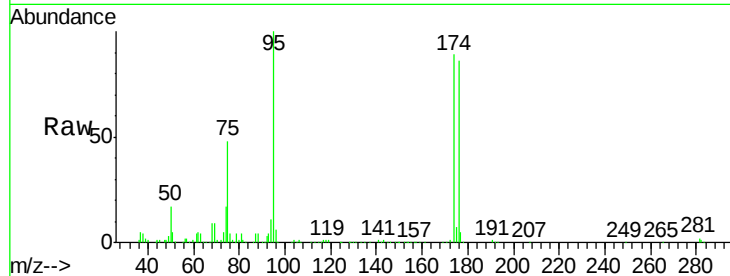




#62
4-Bromofluorobenzene
Concen: 62.679 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066047.D
Acq: 24 Jul 2020 15:12

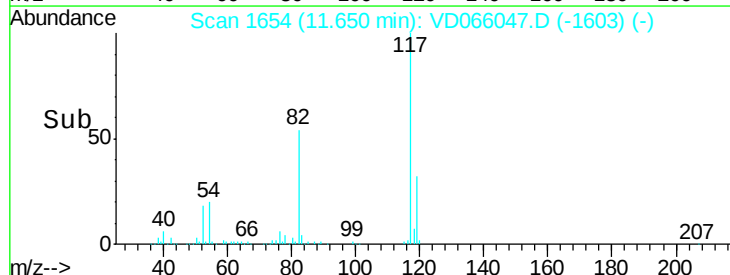
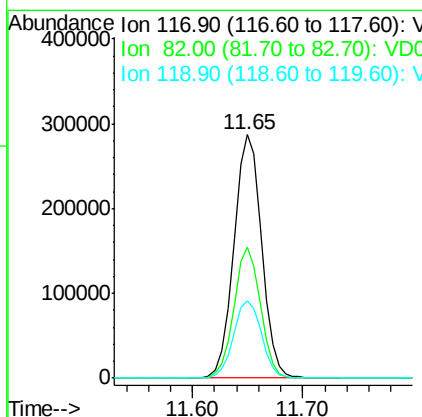
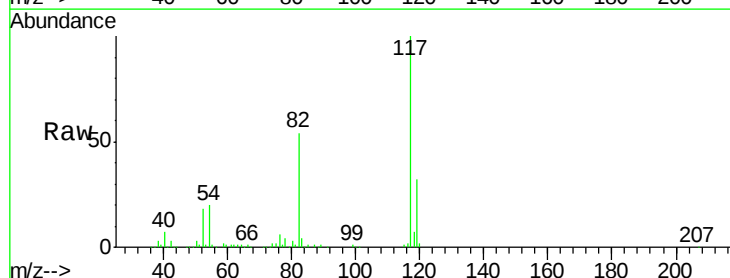
Instrument :
MSVOA_D
ClientSampleId :
CRT-014

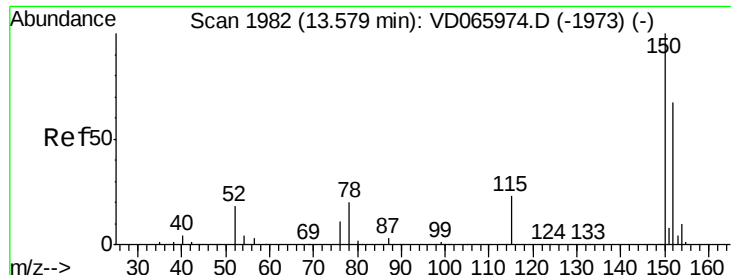
Tot Ion: 95 Resp: 231893
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.8
176 89.5 0.0 172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066047.D
Acq: 24 Jul 2020 15:12

Tgt Ion: 117 Resp: 505637
Ion Ratio Lower Upper
117 100
82 53.8 41.1 61.7
119 31.9 25.9 38.9

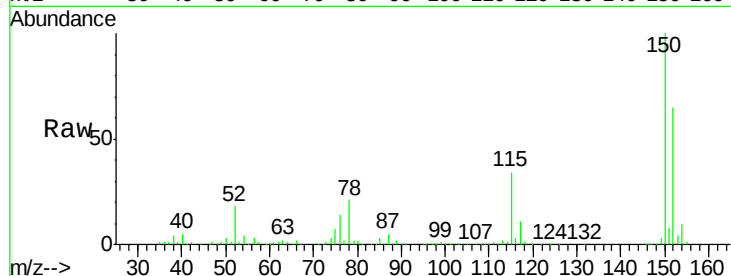




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: VD066047.D
 Acq: 24 Jul 2020 15:12

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-014

Tot Ion:152 Resp: 266739
 Ion Ratio Lower Upper
 152 100
 115 53.1 27.9 83.7
 150 155.3 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

