

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066048.D
 Acq On : 24 Jul 2020 15:39
 Operator : VA/SY
 Sample : L3383-29
 Misc : 7.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-002

Quant Time: Jul 25 00:28:01 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

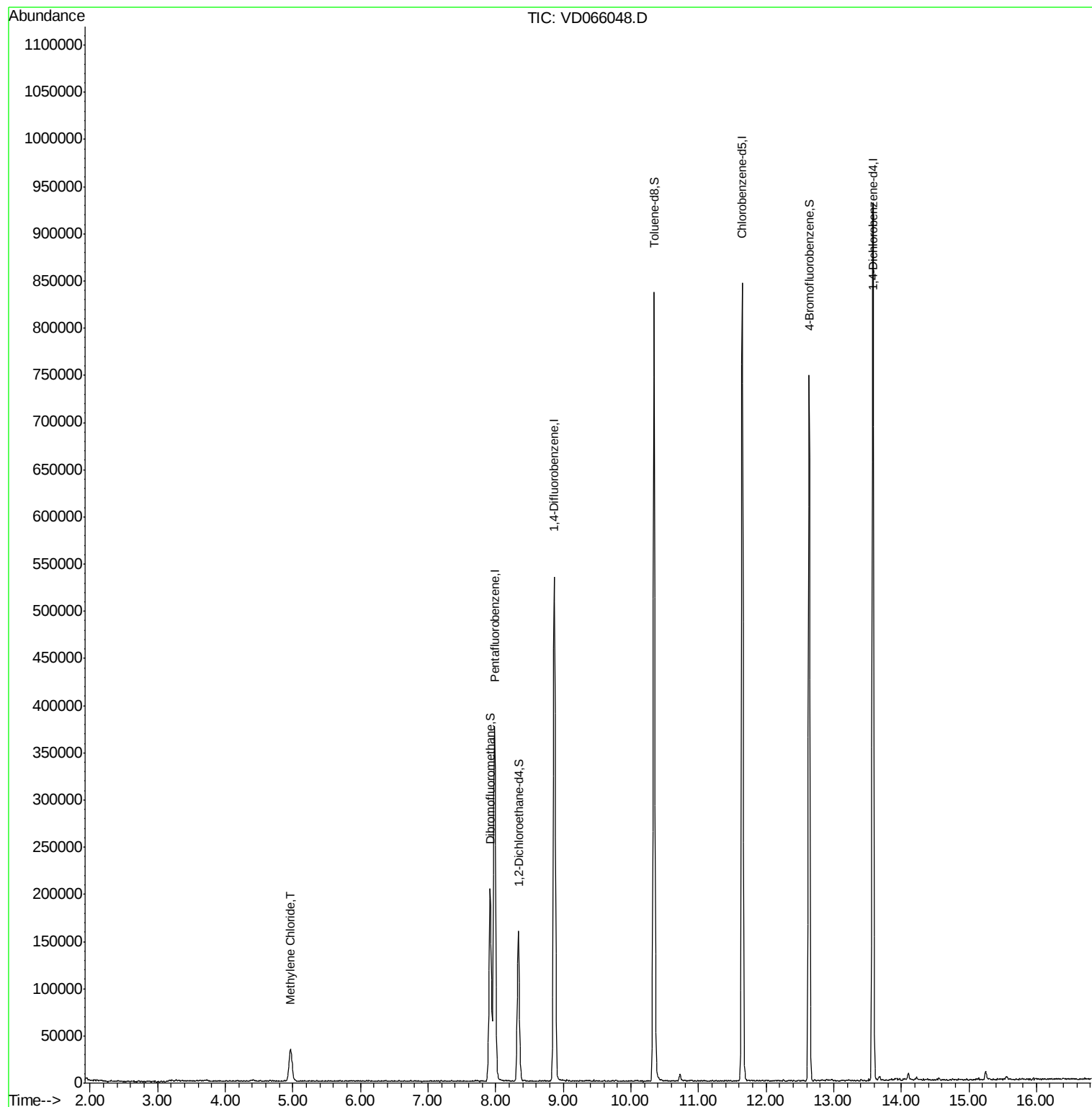
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	301630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	479181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	500940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	127066	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
35) Dibromofluoromethane	7.92	113	145468	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	10.34	98	572804	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.64	95	225241	60.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.00%	
Target Compounds						
20) Methylene Chloride	4.96	84	27685	7.562	ug/l	Qvalue 90

(#) = 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# 1031

Delta R.T. 0.01 min

Lab File: VD066048.D

Acq: 24 Jul 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

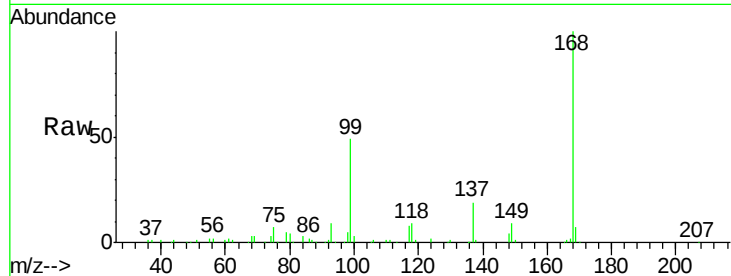
CRT-002

Tot Ion:168 Resp: 301630

Ion Ratio Lower Upper

168 100

99 49.5 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

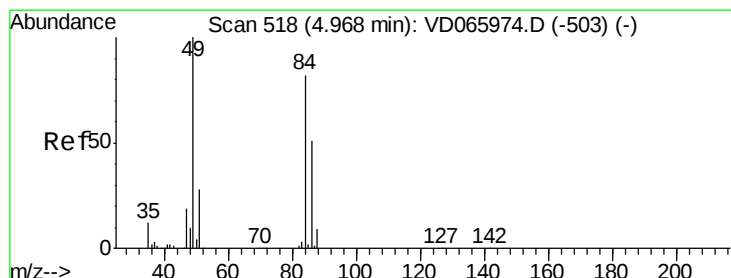
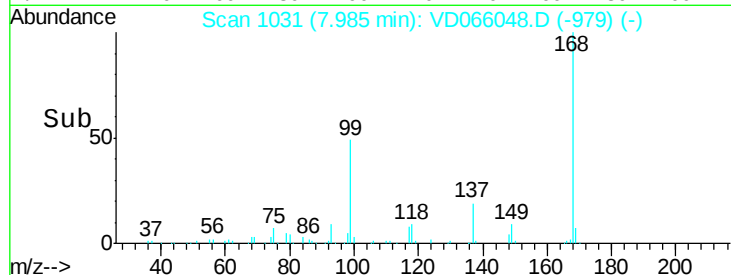
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 7.562 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066048.D

Acq: 24 Jul 2020 15:39

Tgt Ion: 84 Resp: 27685

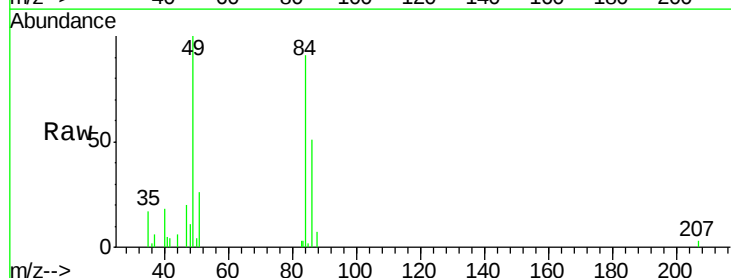
Ion Ratio Lower Upper

84 100

49 109.5 97.7 146.5

51 28.3 27.4 41.2

86 55.5 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

4.96

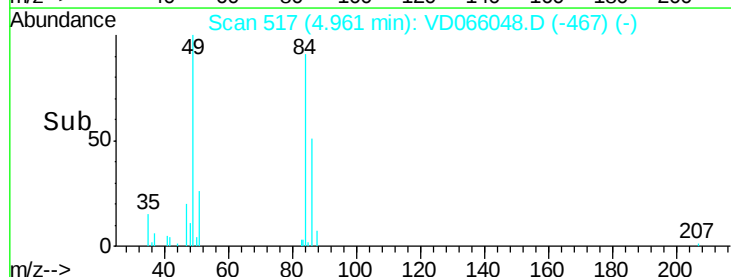
15000

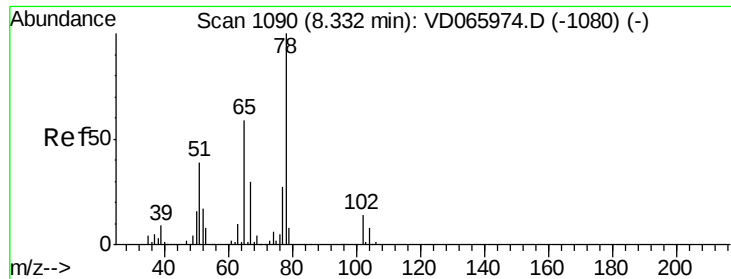
10000

5000

0

Time-->

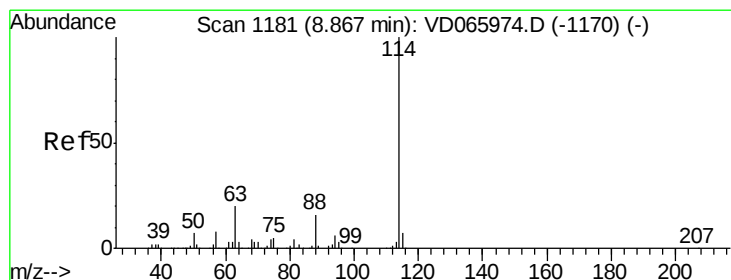
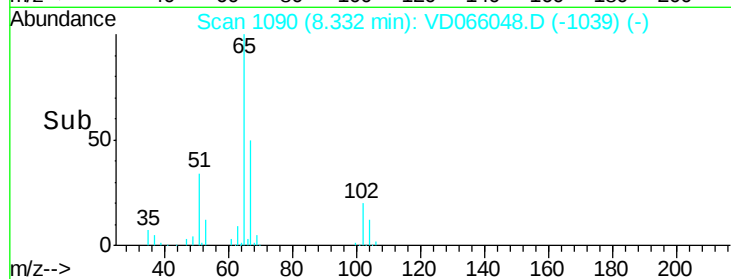
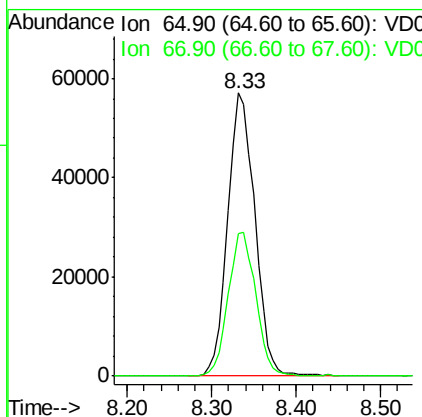
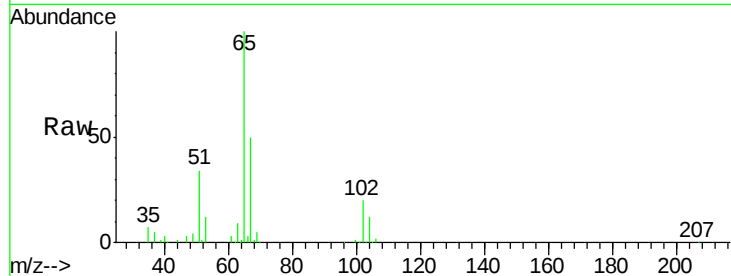




#33
 1,2-Dichloroethane-d4
 Concen: 51.772 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066048.D
 Acq: 24 Jul 2020 15:39

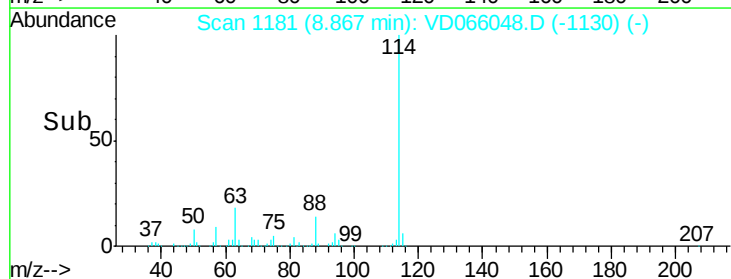
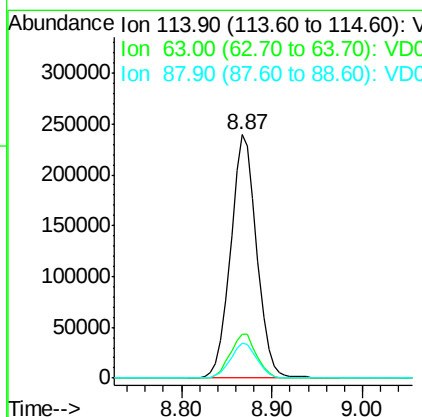
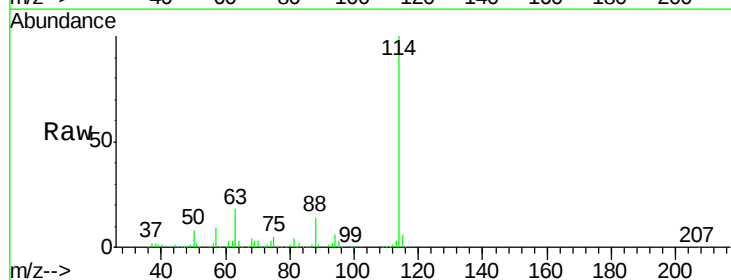
Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-002

Tot Ion: 65 Resp: 127066
 Ion Ratio Lower Upper
 65 100
 67 51.4 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: VD066048.D
 Acq: 24 Jul 2020 15:39

Tgt Ion: 114 Resp: 479181
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.6
 88 14.4 0.0 31.2

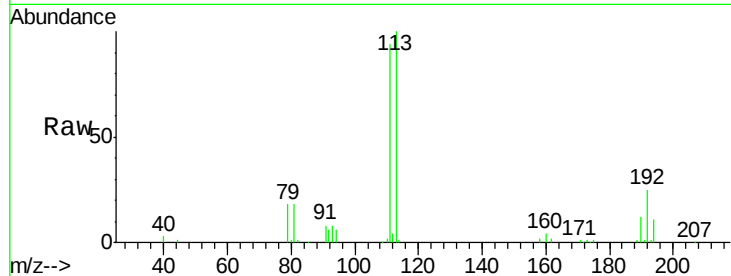




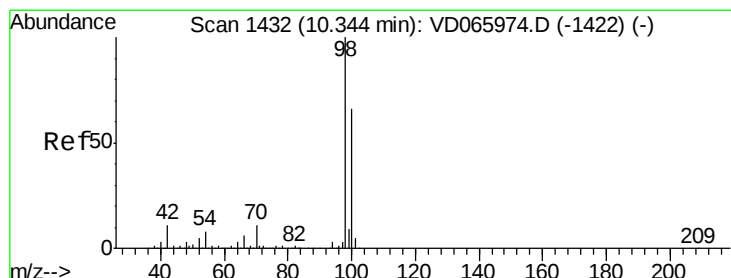
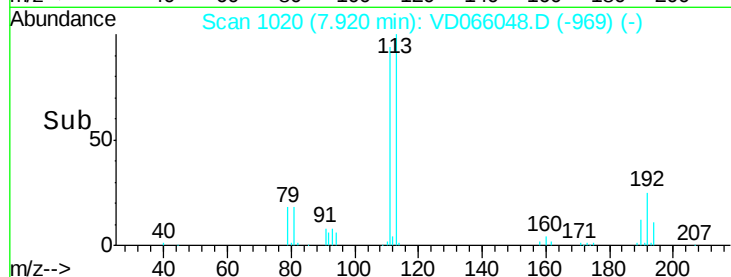
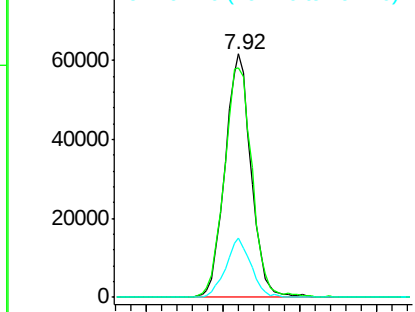
#35
Dibromofluoromethane
Concen: 50.051 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD066048.D
Acq: 24 Jul 2020 15:39

Instrument :
MSVOA_D
ClientSampleId :
CRT-002

Tot Ion:113 Resp: 145468
Ion Ratio Lower Upper
113 100
111 100.5 83.2 124.8
192 23.4 18.7 28.1

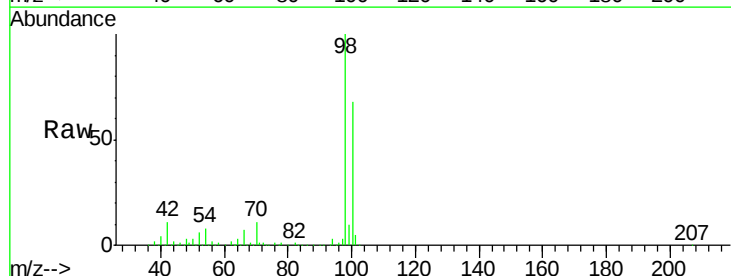


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

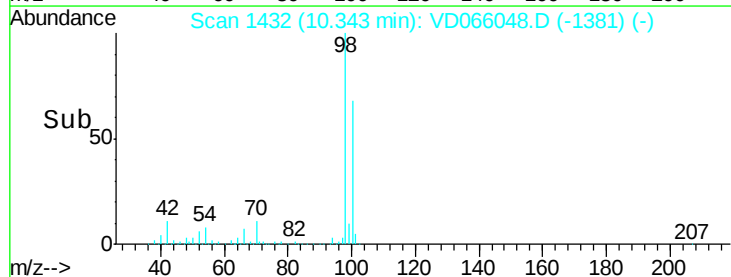
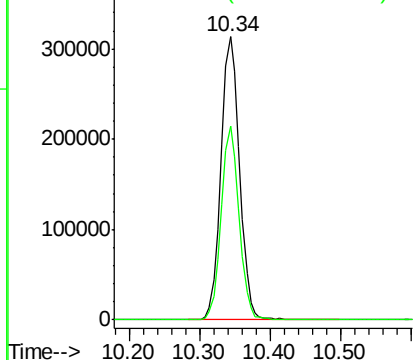


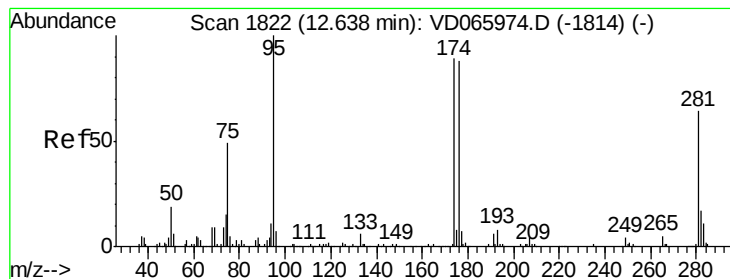
#50
Toluene-d8
Concen: 52.905 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066048.D
Acq: 24 Jul 2020 15:39

Tgt Ion: 98 Resp: 572804
Ion Ratio Lower Upper
98 100
100 65.8 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: 59.998 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066048.D

Acq: 24 Jul 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

CRT-002

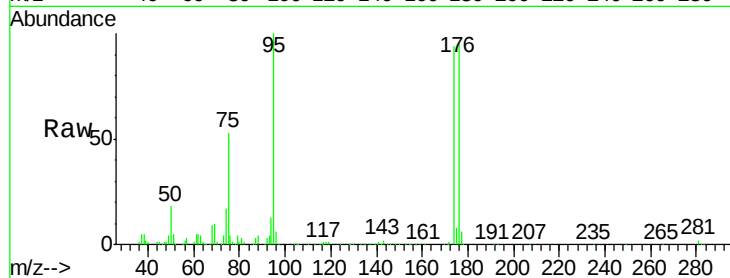
Tot Ion: 95 Resp: 225241

Ion Ratio Lower Upper

95 100

174 96.0 0.0 178.8

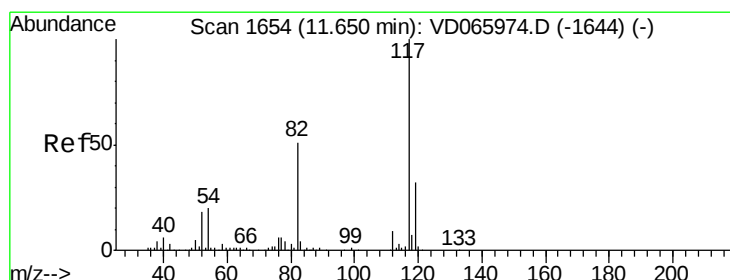
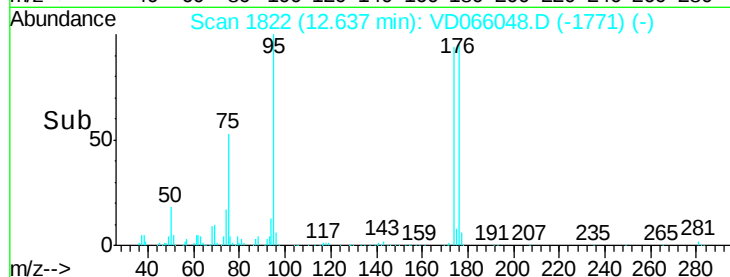
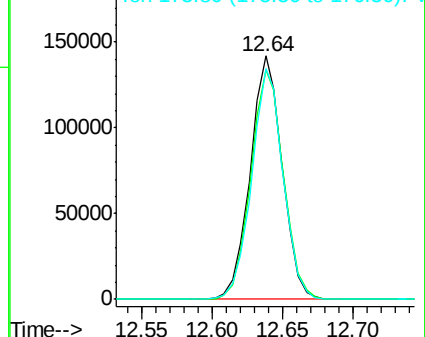
176 93.0 0.0 172.6



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: VD066048.D

Acq: 24 Jul 2020 15:39

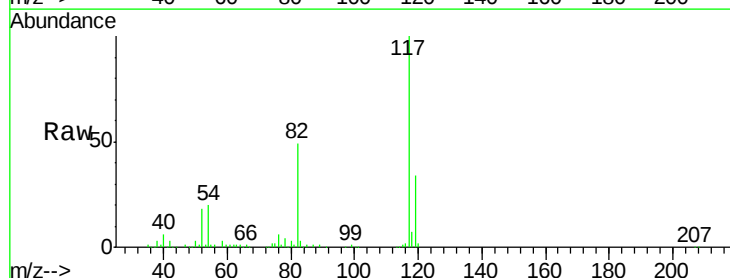
Tgt Ion: 117 Resp: 500940

Ion Ratio Lower Upper

117 100

82 49.2 41.1 61.7

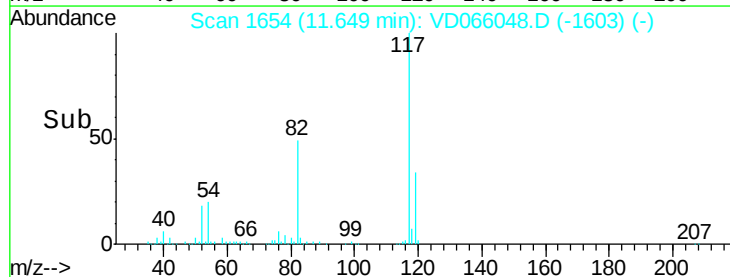
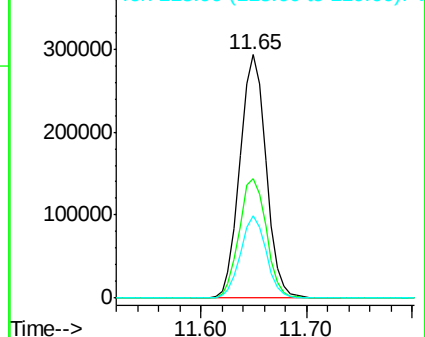
119 33.7 25.9 38.9

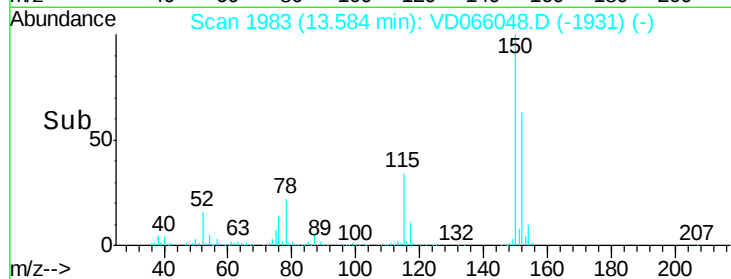
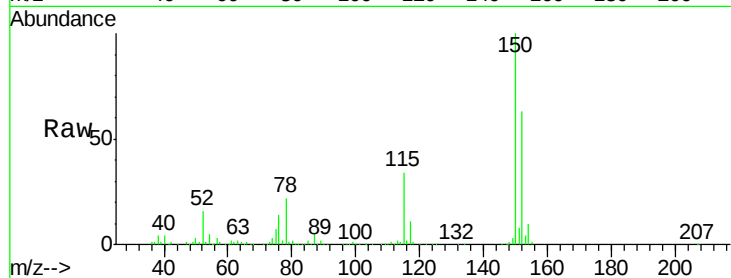
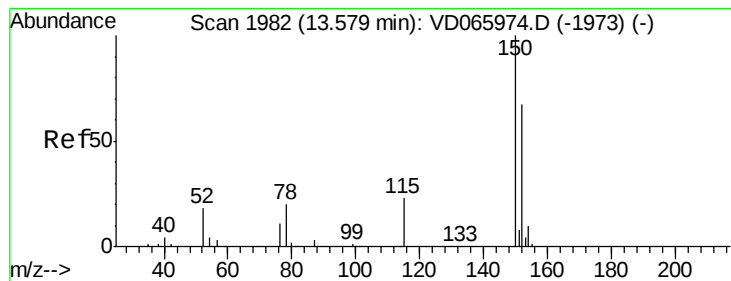


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD066048.D

Acq: 24 Jul 2020 15:39

Instrument :

MSVOA_D

ClientSampleId :

CRT-002

Tot Ion:152 Resp: 266286

Ion Ratio Lower Upper

152 100

115 54.1 27.9 83.7

150 158.0 0.0 348.2

