

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066046.D
 Acq On : 24 Jul 2020 14:44
 Operator : VA/SY
 Sample : L3383-21
 Misc : 7.88G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-015

Quant Time: Jul 25 00:24:26 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

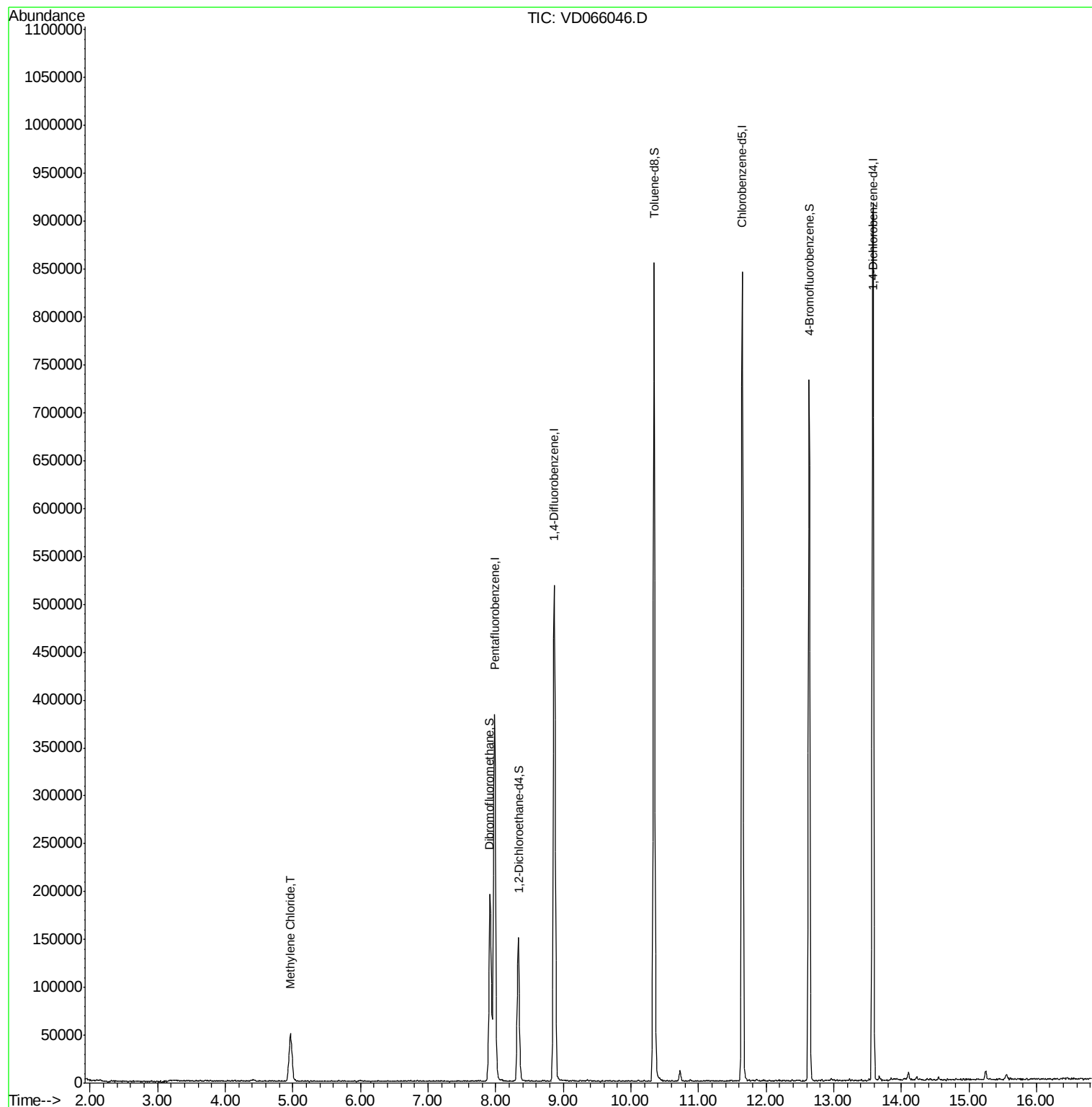
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	306955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	467520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	497023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	262895	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	119805	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
35) Dibromofluoromethane	7.91	113	140501	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
50) Toluene-d8	10.34	98	573067	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
62) 4-Bromofluorobenzene	12.64	95	226061	61.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.44%	
Target Compounds						
20) Methylene Chloride	4.96	84	38752	11.584	ug/l	Qvalue 94

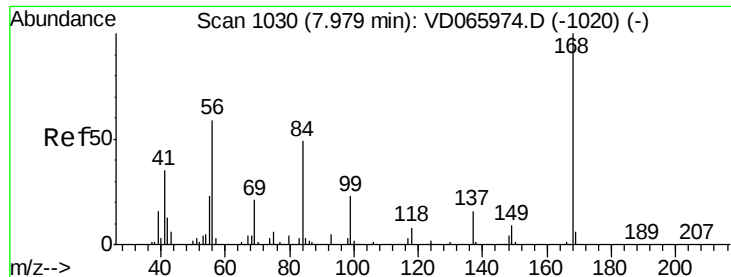
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066046.D

Acq: 24 Jul 2020 14:44

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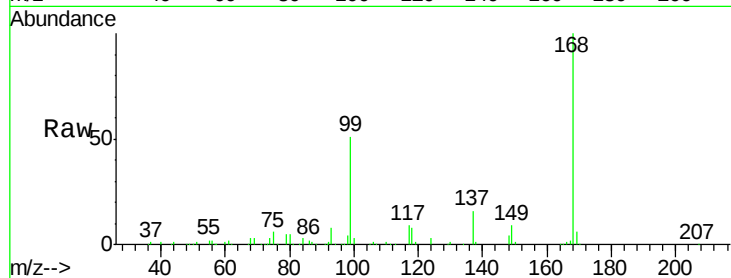
CRT-015

Tot Ion:168 Resp: 306955

Ion Ratio Lower Upper

168 100

99 50.9 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

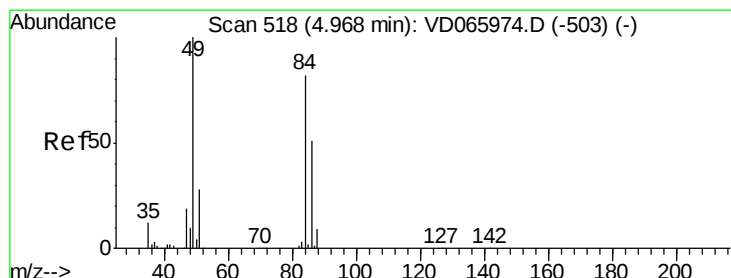
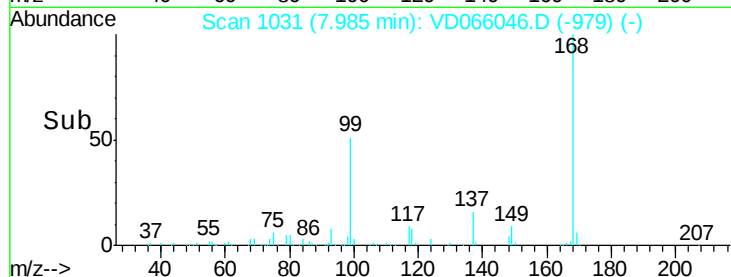
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 11.584 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066046.D

Acq: 24 Jul 2020 14:44

Tgt Ion: 84 Resp: 38752

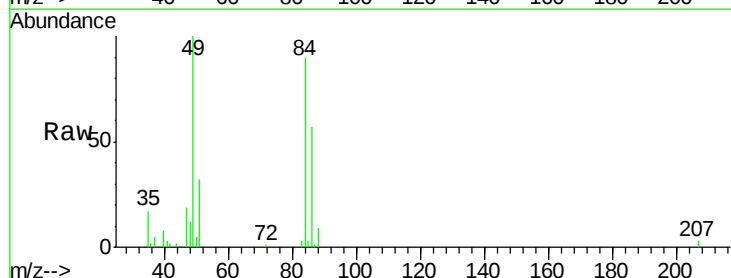
Ion Ratio Lower Upper

84 100

49 111.7 97.7 146.5

51 35.6 27.4 41.2

86 63.7 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

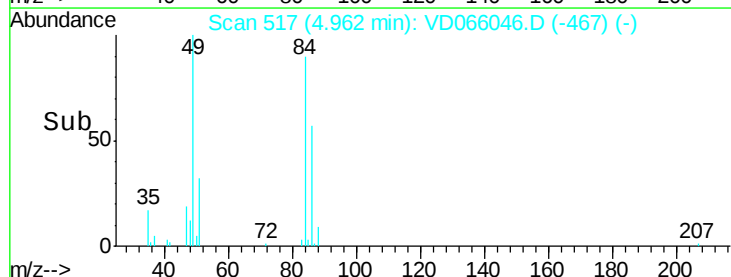
15000

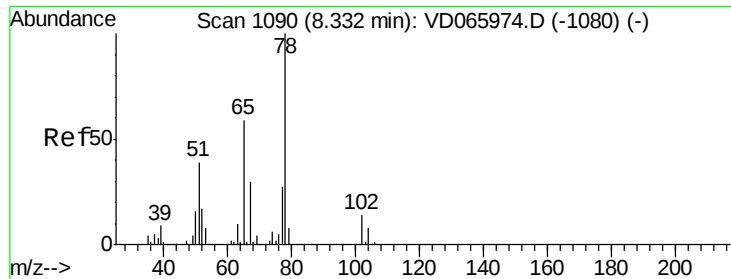
10000

5000

0

Time-->

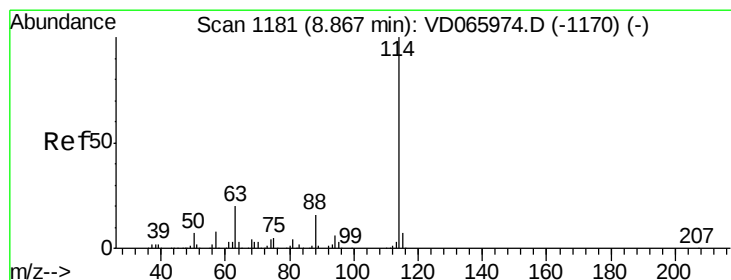
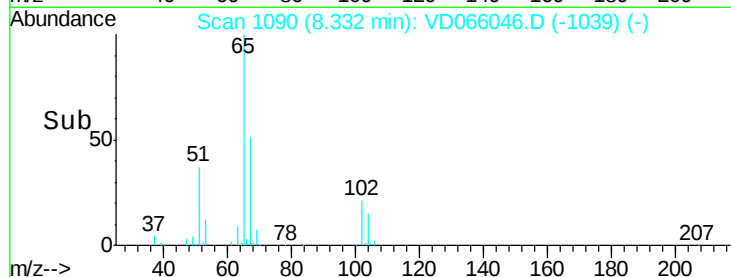
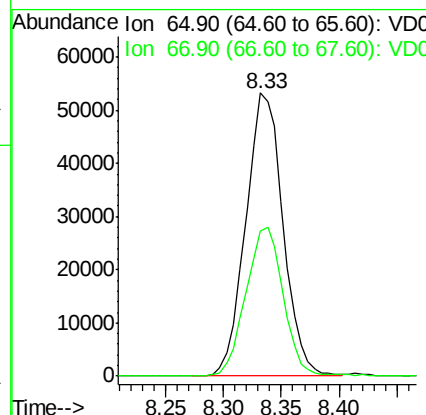
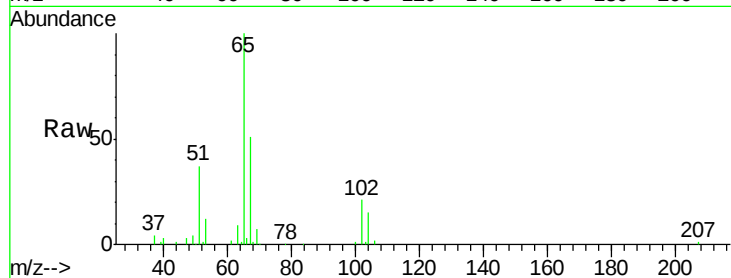




#33
 1,2-Dichloroethane-d4
 Concen: 47.967 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066046.D
 Acq: 24 Jul 2020 14:44

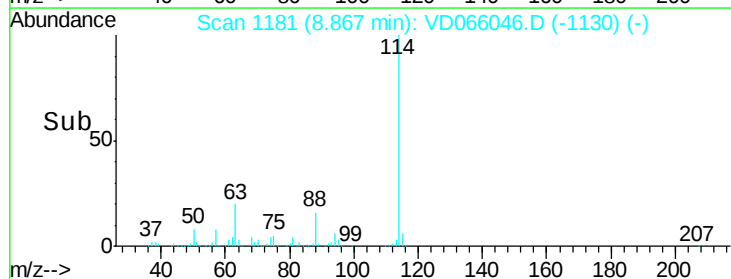
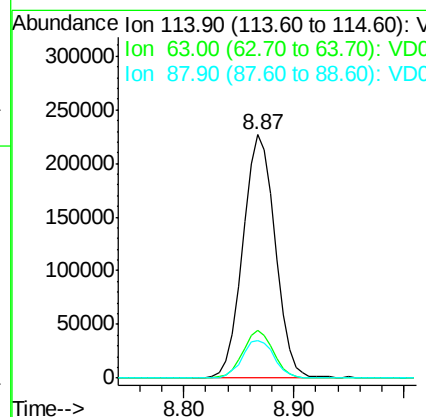
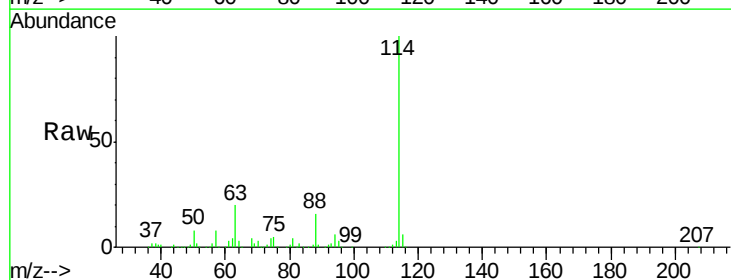
Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-015

Tot Ion: 65 Resp: 119805
 Ion Ratio Lower Upper
 65 100
 67 52.4 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: VD066046.D
 Acq: 24 Jul 2020 14:44

Tgt Ion: 114 Resp: 467520
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.6 0.0 31.2

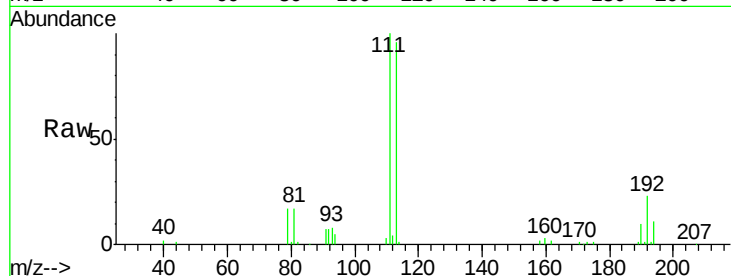




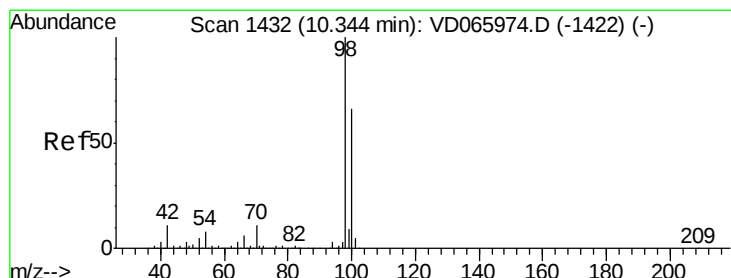
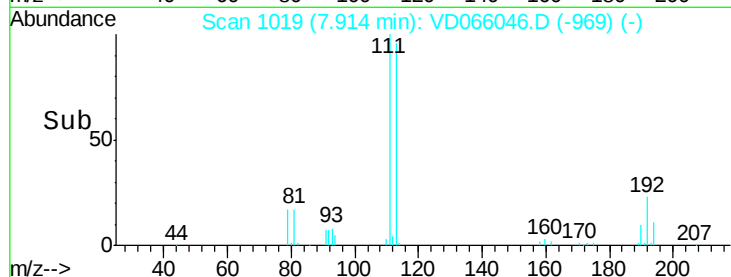
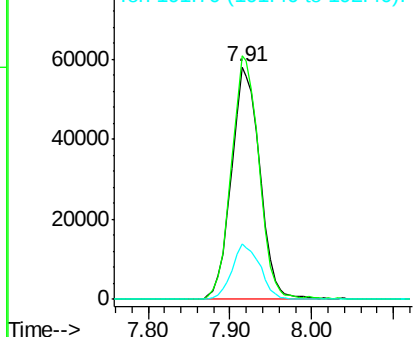
#35
Dibromofluoromethane
Concen: 49.548 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD066046.D
Acq: 24 Jul 2020 14:44

Instrument :
MSVOA_D
ClientSampleId :
CRT-015

Tot Ion:113 Resp: 140501
Ion Ratio Lower Upper
113 100
111 101.9 83.2 124.8
192 23.7 18.7 28.1

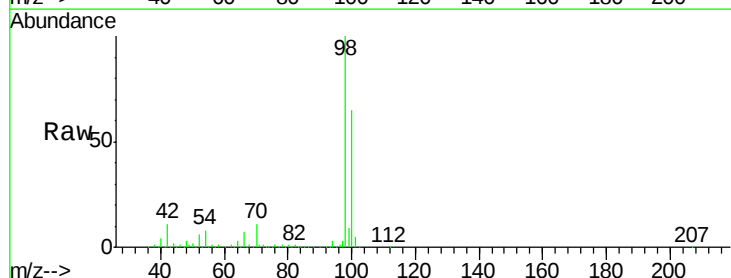


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

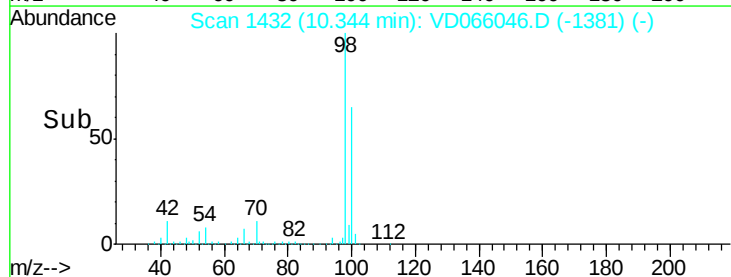
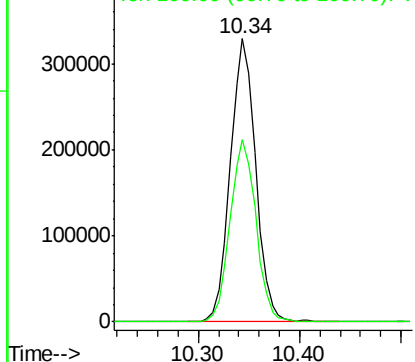


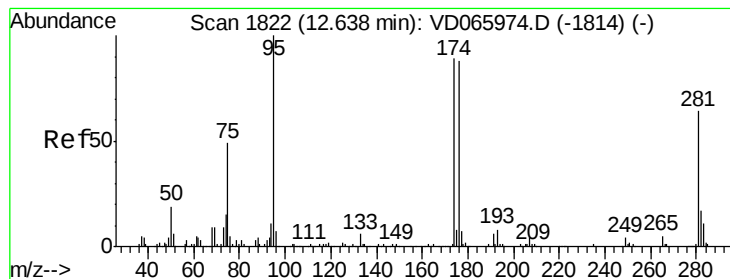
#50
Toluene-d8
Concen: 54.249 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066046.D
Acq: 24 Jul 2020 14:44

Tgt Ion: 98 Resp: 573067
Ion Ratio Lower Upper
98 100
100 65.7 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: 61.718 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066046.D

Acq: 24 Jul 2020 14:44

Instrument :

MSVOA_D

ClientSampleId :

CRT-015

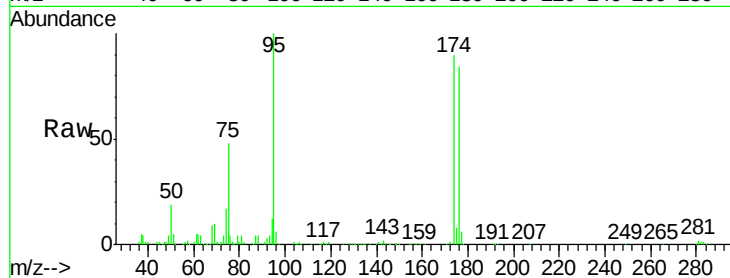
Tot Ion: 95 Resp: 226061

Ion Ratio Lower Upper

95 100

174 94.0 0.0 178.8

176 89.2 0.0 172.6



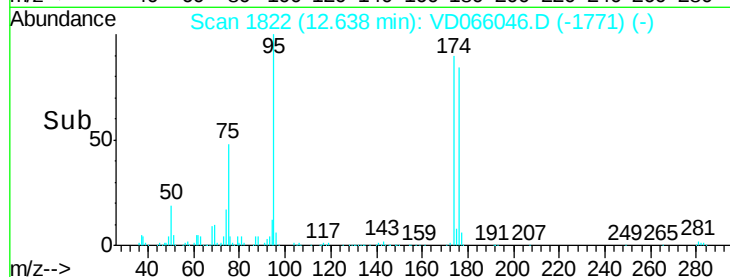
Abundance Ion 94.90 (94.60 to 95.60): VD065974.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065974.D (-1814) (-)

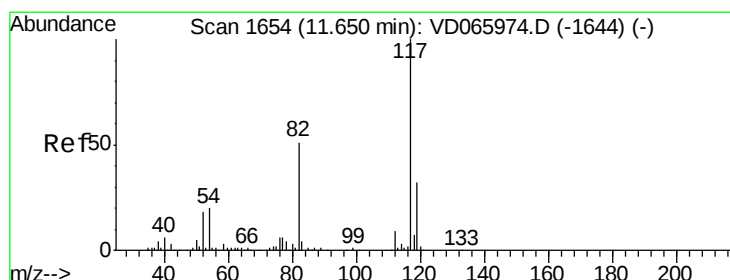
Ion 175.80 (175.50 to 176.50): VD065974.D (-1814) (-)

12.64

12.60 12.70



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD066046.D

Acq: 24 Jul 2020 14:44

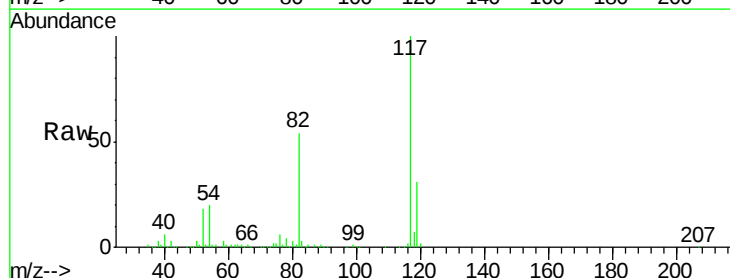
Tgt Ion: 117 Resp: 497023

Ion Ratio Lower Upper

117 100

82 53.7 41.1 61.7

119 31.0 25.9 38.9



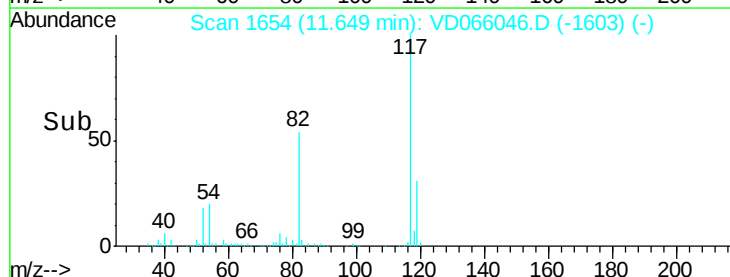
Abundance Ion 116.90 (116.60 to 117.60): VD065974.D (-1644) (-)

Ion 82.00 (81.70 to 82.70): VD065974.D (-1644) (-)

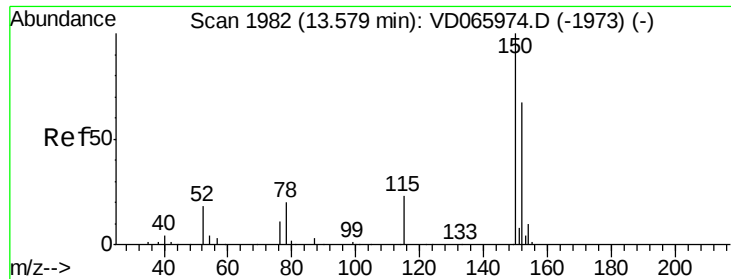
Ion 118.90 (118.60 to 119.60): VD065974.D (-1644) (-)

11.65

11.60 11.70



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD066046.D

Acq: 24 Jul 2020 14:44

Instrument :

MSVOA_D

ClientSampleId :

CRT-015

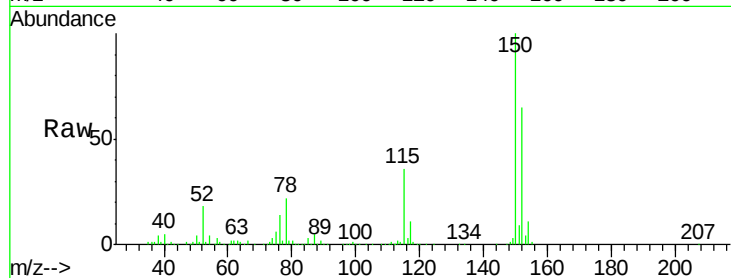
Tot Ion:152 Resp: 262895

Ion Ratio Lower Upper

152 100

115 56.3 27.9 83.7

150 157.8 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

