

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072920\
 Data File : VD066097.D
 Acq On : 29 Jul 2020 18:49
 Operator : VA/SY
 Sample : L3489-04RE
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-4RE

Quant Time: Jul 30 02:24:40 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

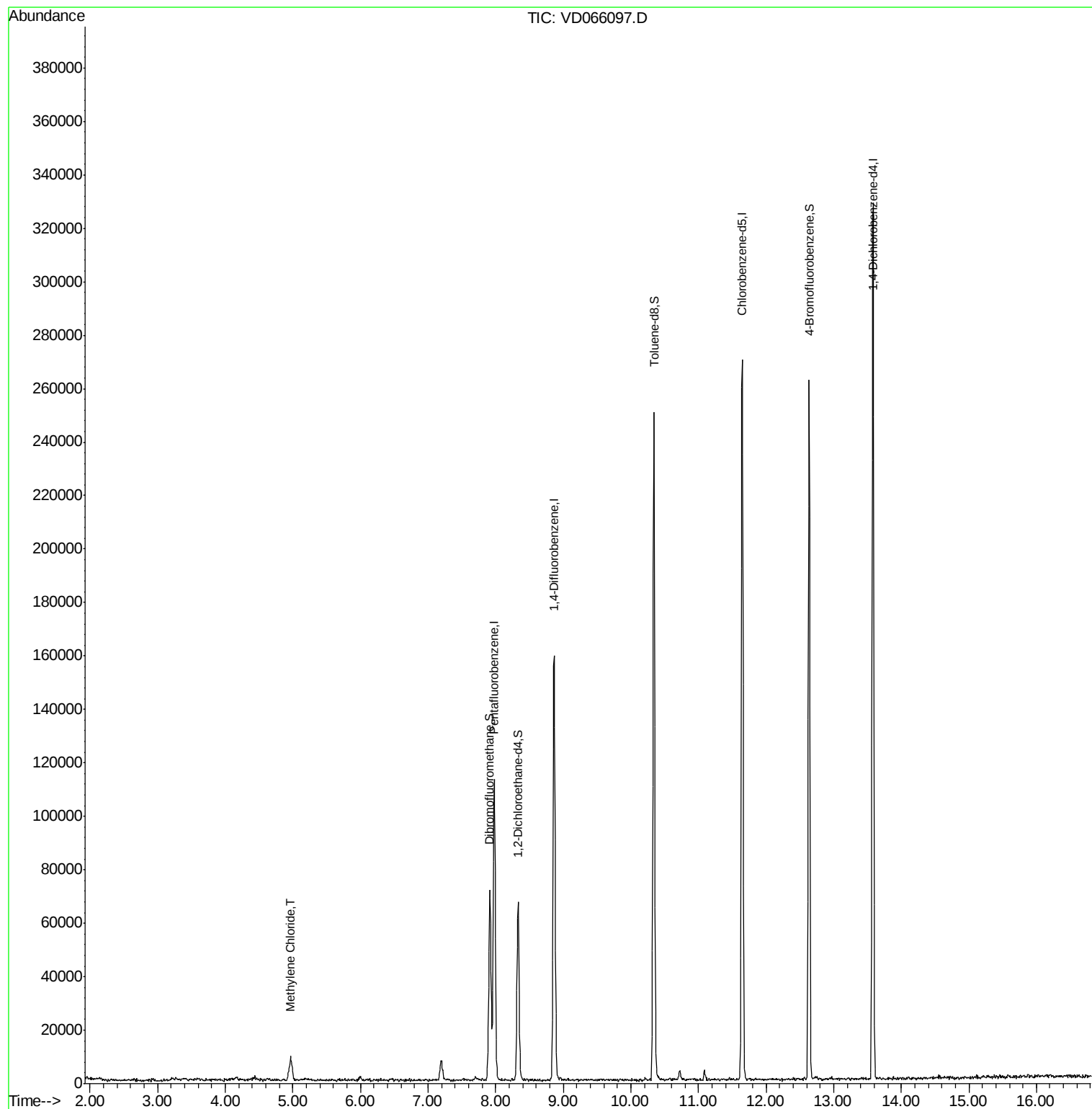
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	84779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	139000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	169085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	94413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	55045	79.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	159.58%	
35) Dibromofluoromethane	7.91	113	48183	57.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.30%	
50) Toluene-d8	10.34	98	174459	55.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.10%	
62) 4-Bromofluorobenzene	12.64	95	75452	69.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.58%	
Target Compounds						
20) Methylene Chloride	4.96	84	6996	6.480	ug/l	Qvalue 89

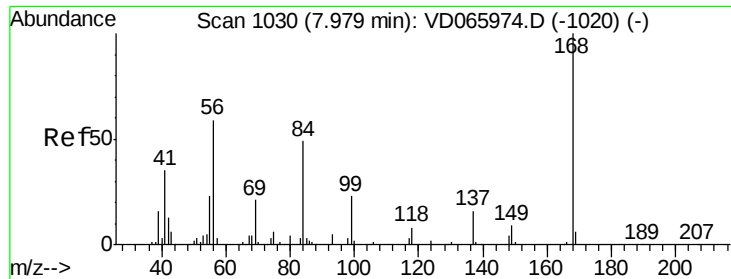
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066097.D

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MSVOA_D

ClientSampleId :

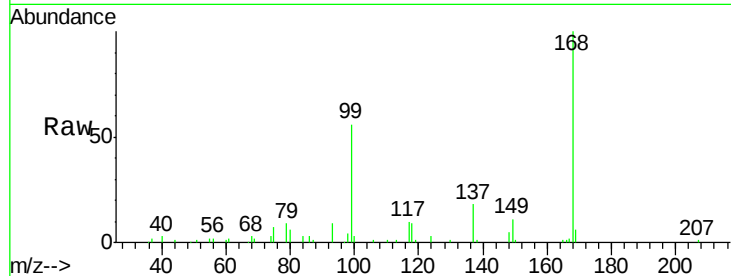
CS-4RE

Tot Ion:168 Resp: 84779

Ion Ratio Lower Upper

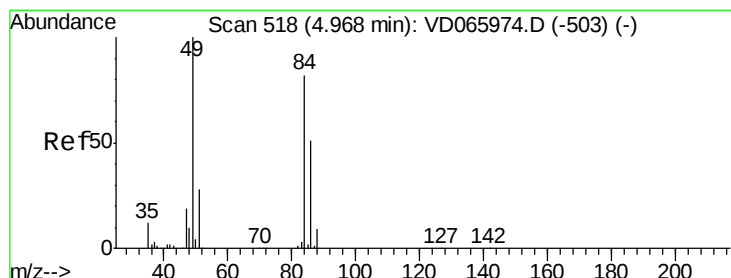
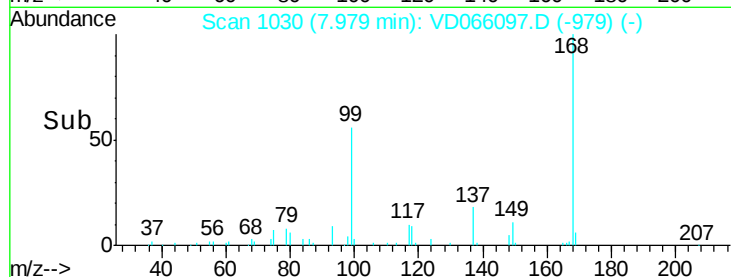
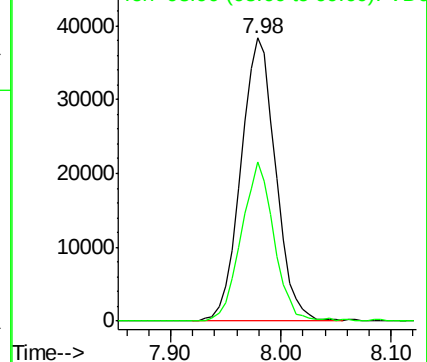
168 100

99 56.3 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: 6.480 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066097.D

Acq: 29 Jul 2020 18:49

Tgt Ion: 84 Resp: 6996

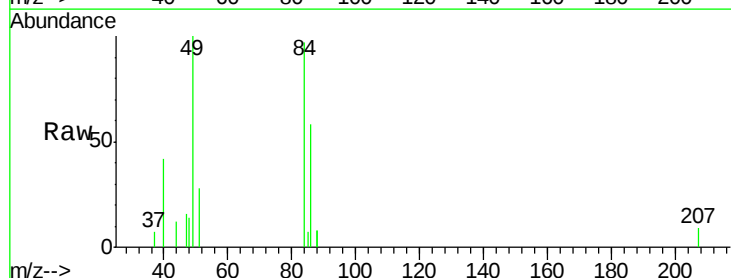
Ion Ratio Lower Upper

84 100

49 103.2 97.7 146.5

51 29.4 27.4 41.2

86 59.9 49.4 74.2

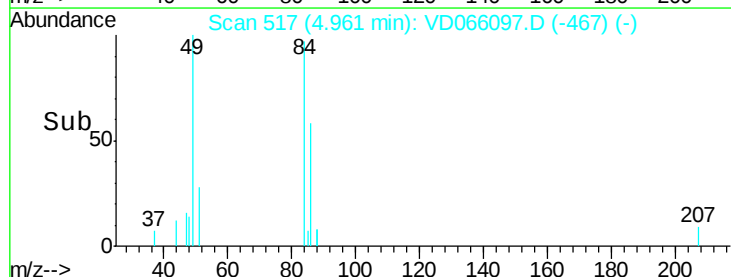
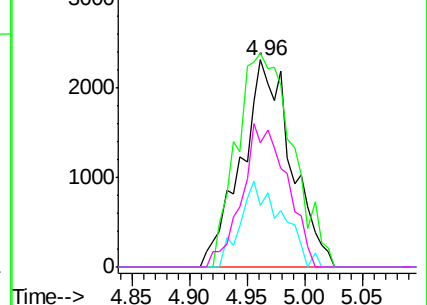


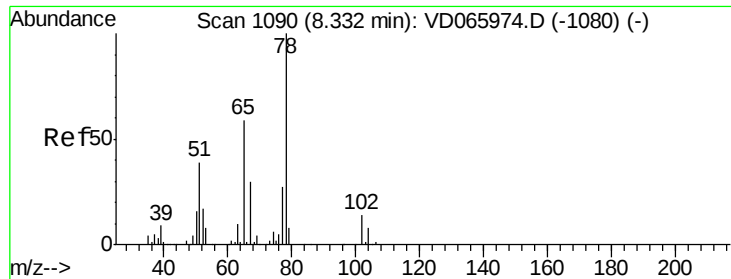
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

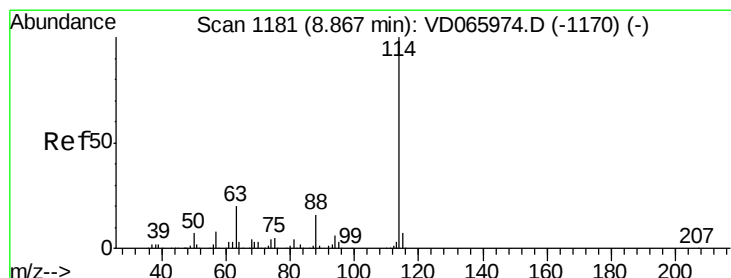
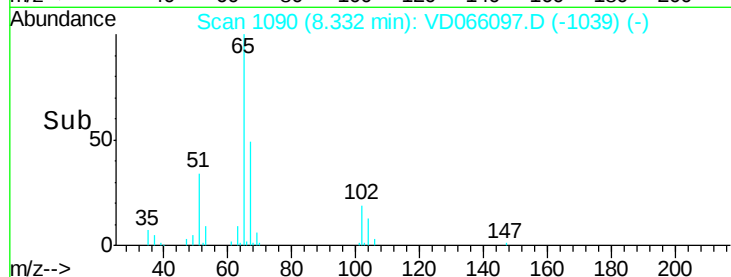
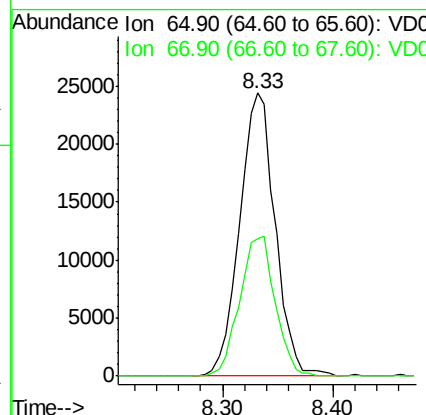
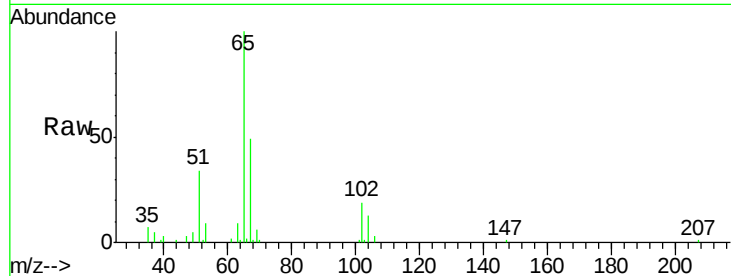




#33
 1,2-Dichloroethane-d4
 Concen: 79.794 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066097.D
 Acq: 29 Jul 2020 18:49

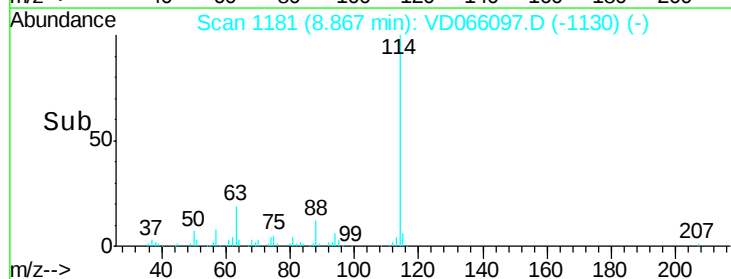
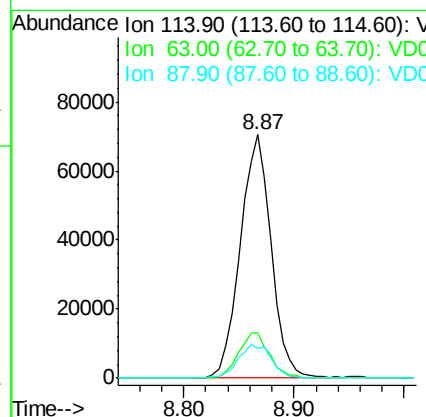
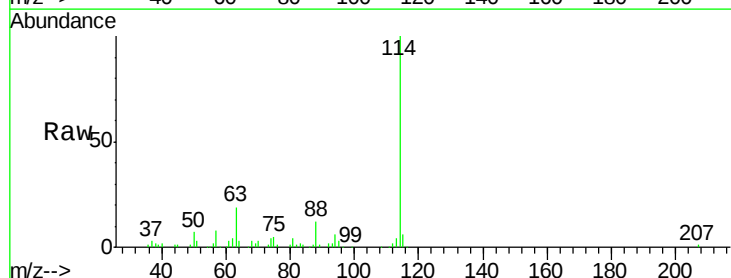
Instrument :
 MSVOA_D
 ClientSampleId :
 CS-4RE

Tot Ion: 65 Resp: 55045
 Ion Ratio Lower Upper
 65 100
 67 49.2 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: VD066097.D
 Acq: 29 Jul 2020 18:49

Tgt Ion: 114 Resp: 139000
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.6
 88 12.2 0.0 31.2

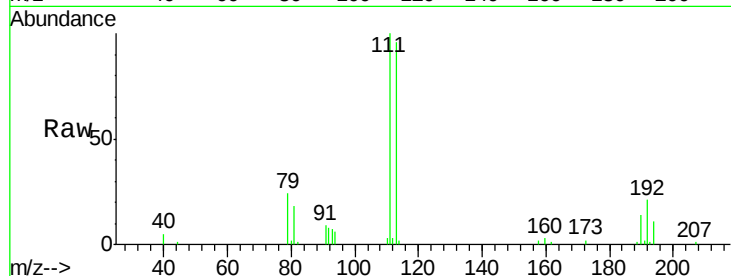




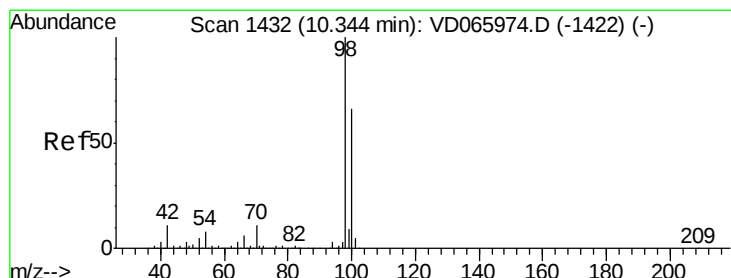
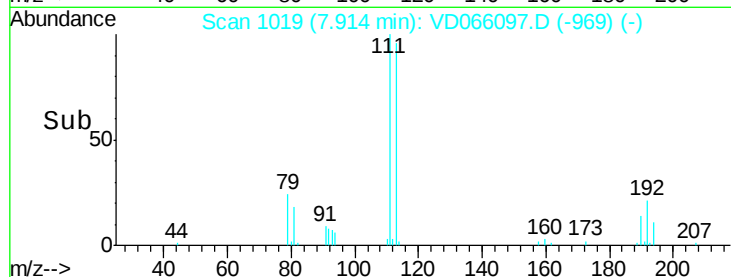
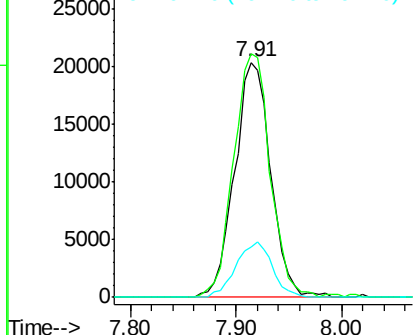
#35
Dibromofluoromethane
Concen: 57.151 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD066097.D
Acq: 29 Jul 2020 18:49

Instrument :
MSVOA_D
ClientSampleId :
CS-4RE

Tot Ion:113 Resp: 48183
Ion Ratio Lower Upper
113 100
111 104.3 83.2 124.8
192 23.7 18.7 28.1

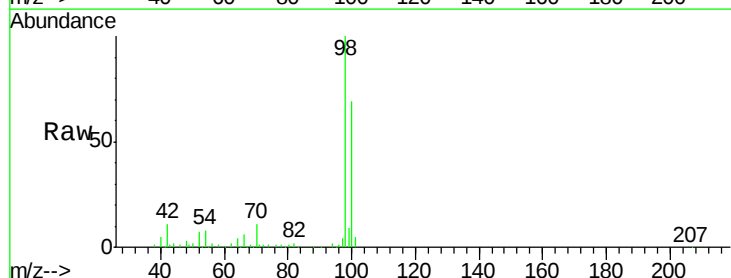


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

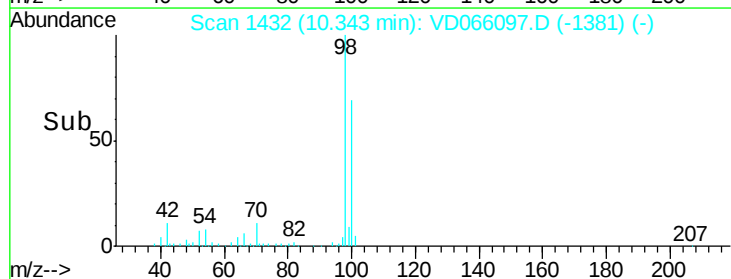
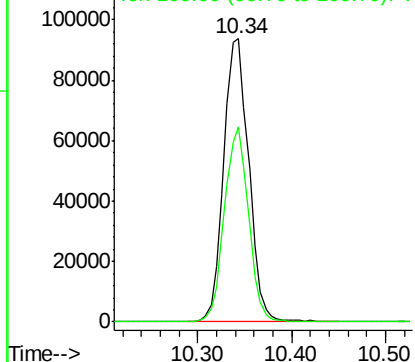


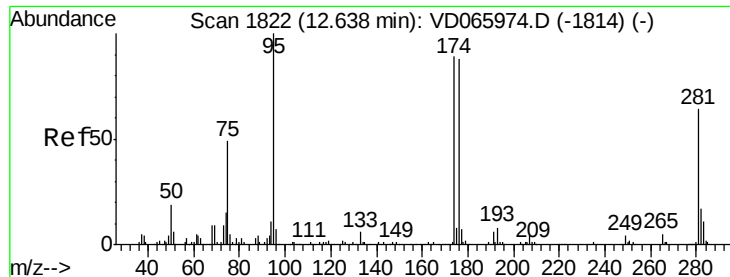
#50
Toluene-d8
Concen: 55.548 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066097.D
Acq: 29 Jul 2020 18:49

Tgt Ion: 98 Resp: 174459
Ion Ratio Lower Upper
98 100
100 65.9 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: 69.286 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066097.D

Acq: 29 Jul 2020 18:49

Instrument :

MSVOA_D

ClientSampleId :

CS-4RE

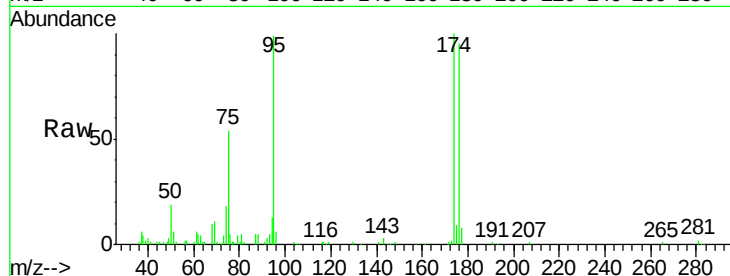
Tot Ion: 95 Resp: 75452

Ion Ratio Lower Upper

95 100

174 96.5 0.0 178.8

176 94.0 0.0 172.6



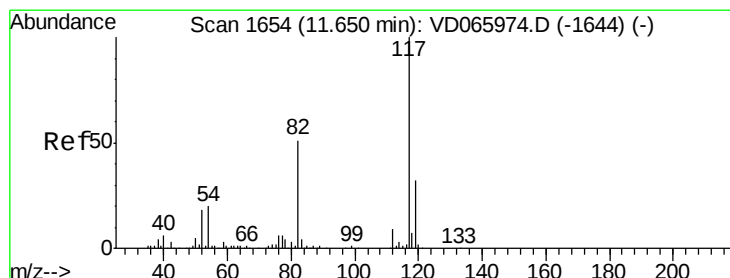
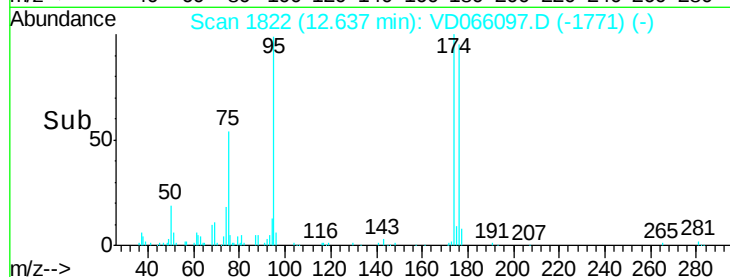
Abundance Ion 94.90 (94.60 to 95.60): VD065974.D (-1814) (-)

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

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

12.64

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD066097.D

Acq: 29 Jul 2020 18:49

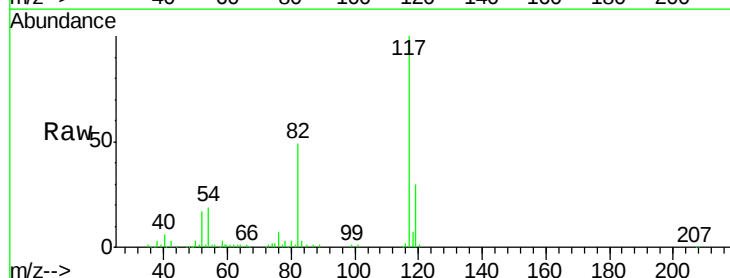
Tgt Ion: 117 Resp: 169085

Ion Ratio Lower Upper

117 100

82 48.7 41.1 61.7

119 30.2 25.9 38.9



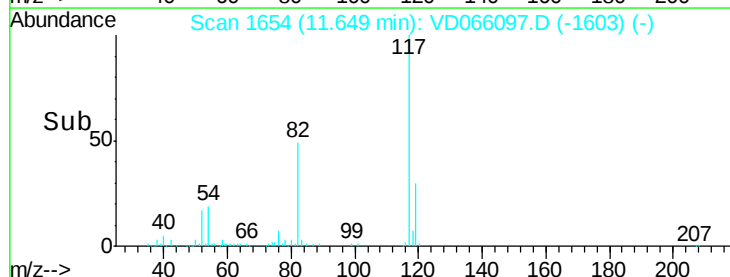
Abundance Ion 116.90 (116.60 to 117.60): VD065974.D (-1644) (-)

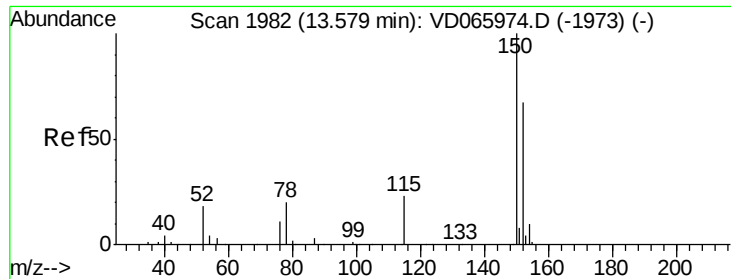
Ion 82.00 (81.70 to 82.70): VD065974.D (-1644) (-)

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

11.65

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066097.D

Acq: 29 Jul 2020 18:49

Instrument :

MSVOA_D

ClientSampleId :

CS-4RE

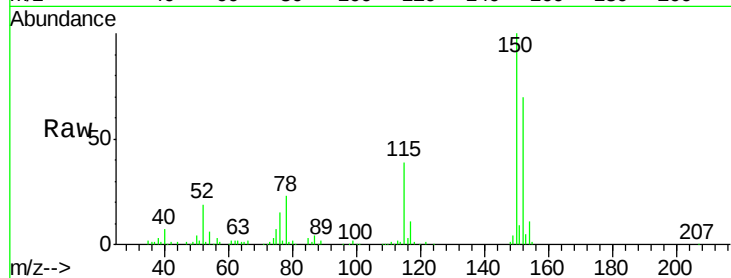
Tot Ion:152 Resp: 94413

Ion Ratio Lower Upper

152 100

115 55.2 27.9 83.7

150 157.2 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

