

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065830.D
 Acq On : 19 Jun 2020 15:59
 Operator : VA/SY
 Sample : L3024-04RE
 Misc : 6.83G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-25RE

Quant Time: Jun 20 02:30:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

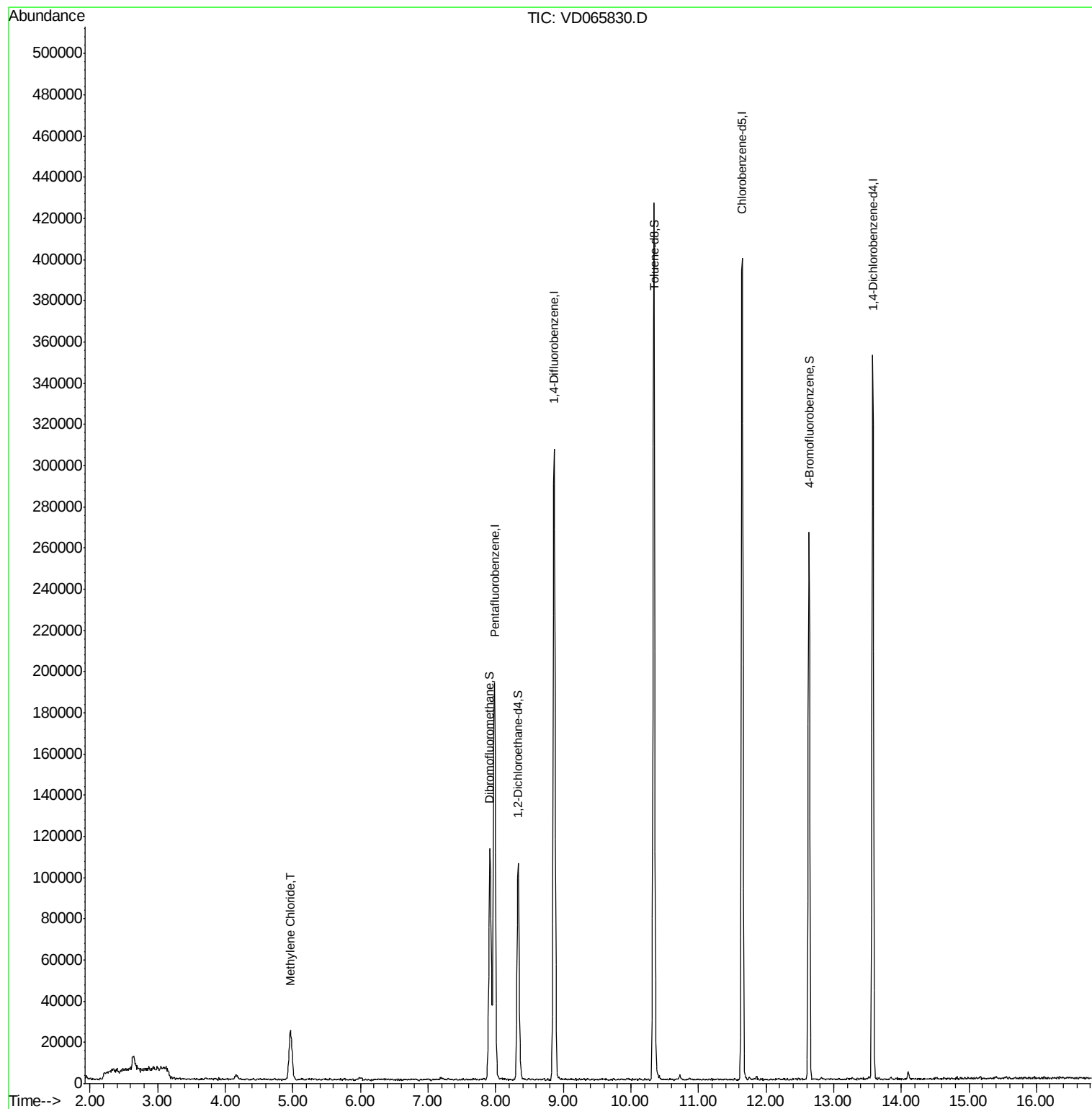
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	140586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	256437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	219487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	86610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	84146	60.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.14%	
35) Dibromofluoromethane	7.91	113	81379	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	10.34	98	278287	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
62) 4-Bromofluorobenzene	12.64	95	79848	38.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.96%	
Target Compounds						
20) Methylene Chloride	4.96	84	17296	8.759	ug/l	Qvalue 94

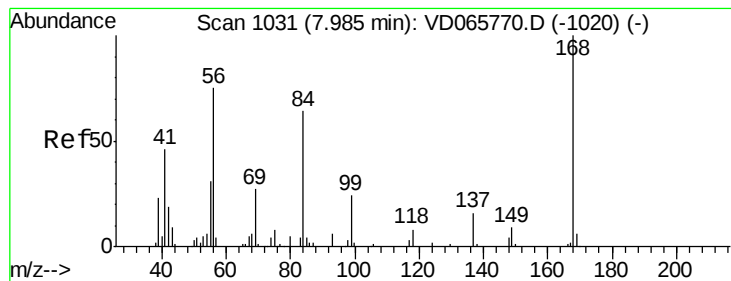
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065830.D

Acq: 19 Jun 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

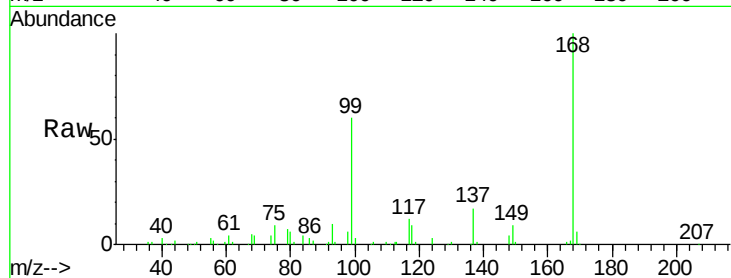
RO-25RE

Tot Ion:168 Resp: 140586

Ion Ratio Lower Upper

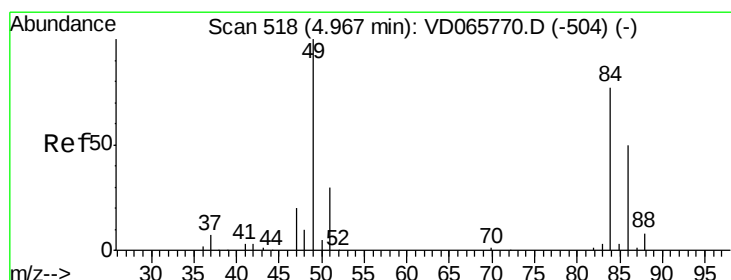
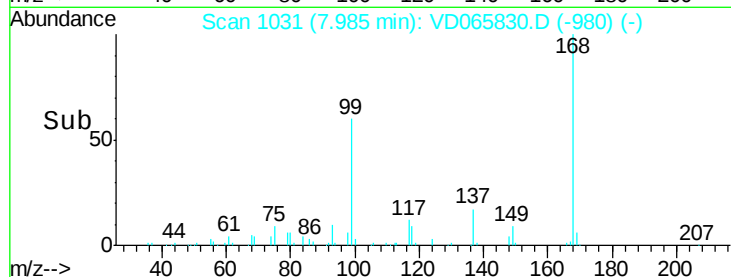
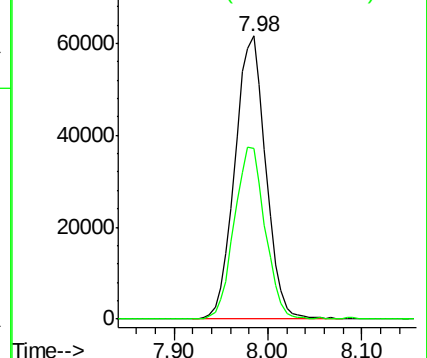
168 100

99 60.2 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 8.759 ug/l

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD065830.D

Acq: 19 Jun 2020 15:59

Tgt Ion: 84 Resp: 17296

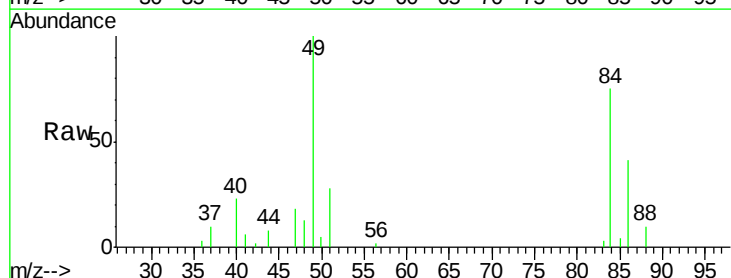
Ion Ratio Lower Upper

84 100

49 132.6 103.4 155.0

51 37.7 31.4 47.2

86 54.4 51.7 77.5

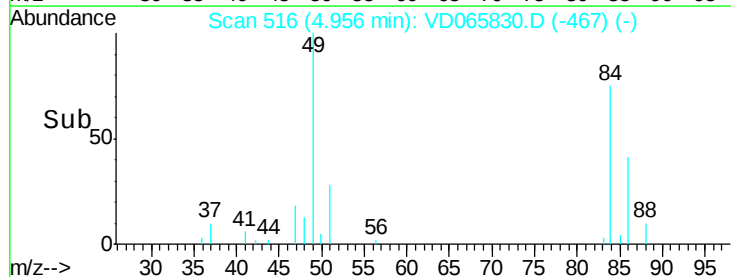
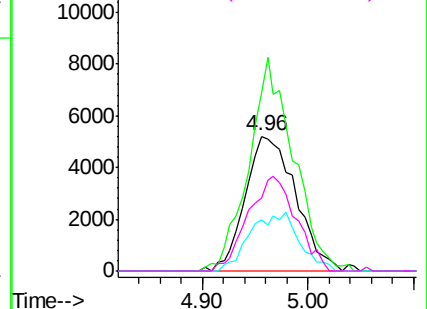


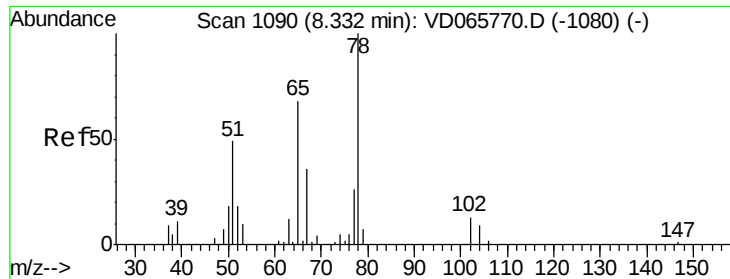
Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 60.573 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065830.D

Acq: 19 Jun 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

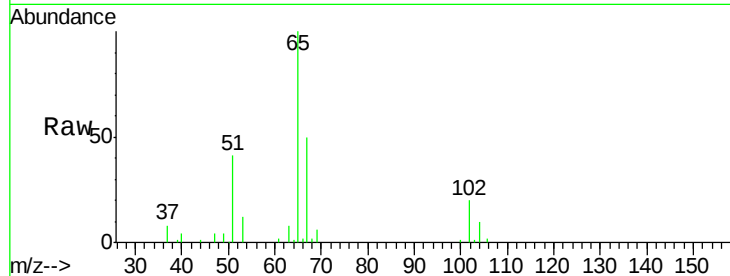
RO-25RE

Tot Ion: 65 Resp: 84146

Ion Ratio Lower Upper

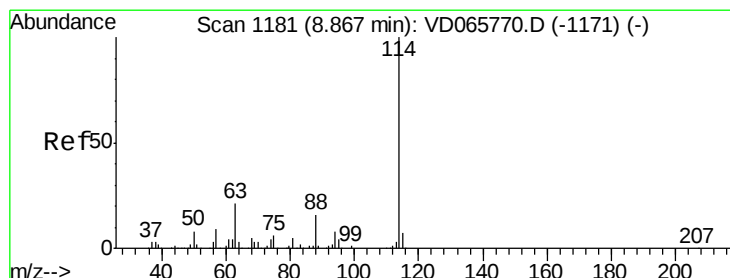
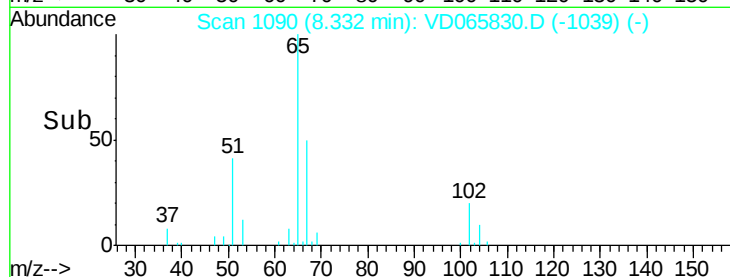
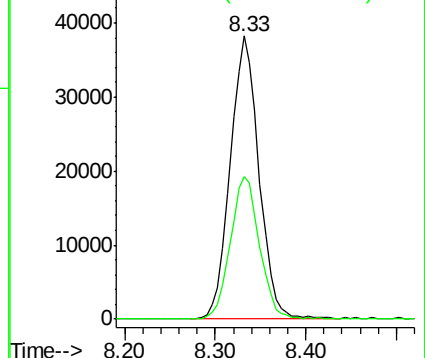
65 100

67 50.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065830.D

Acq: 19 Jun 2020 15:59

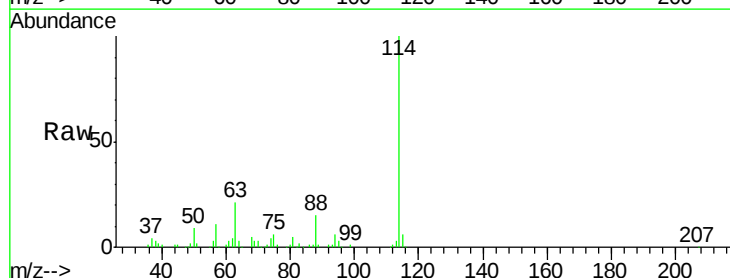
Tgt Ion: 114 Resp: 256437

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

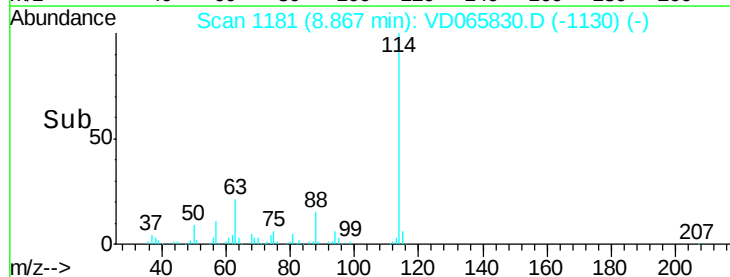
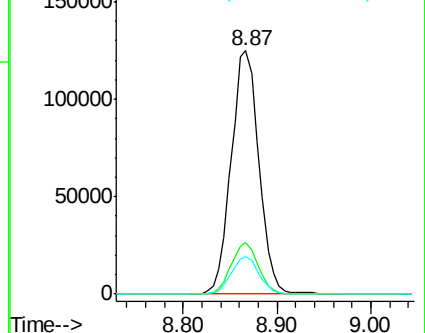
88 15.2 0.0 32.0

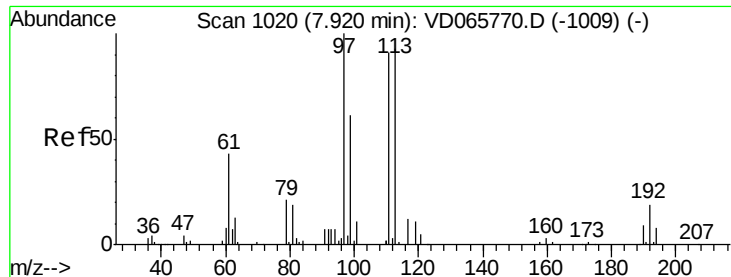


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

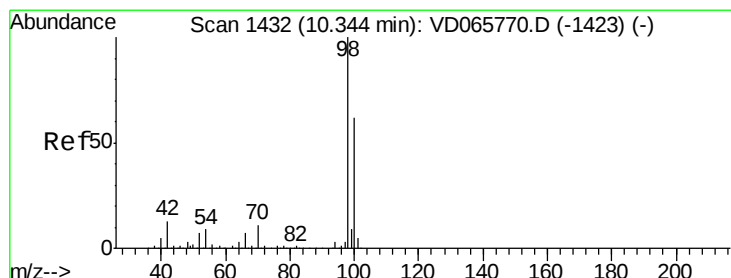
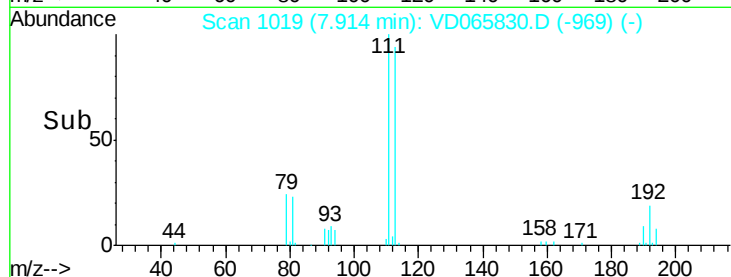
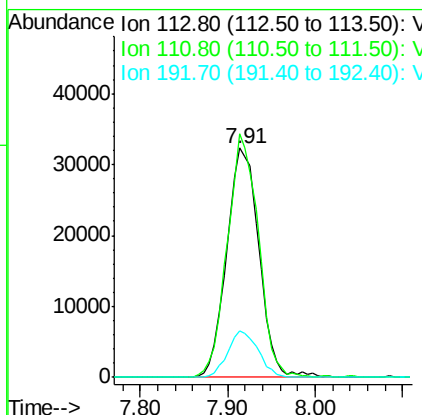
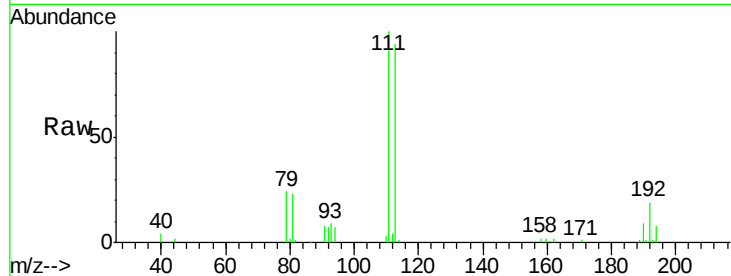




#35
Dibromofluoromethane
Concen: 50.240 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD065830.D
Acq: 19 Jun 2020 15:59

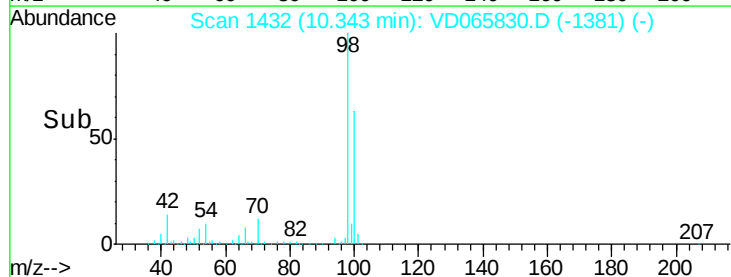
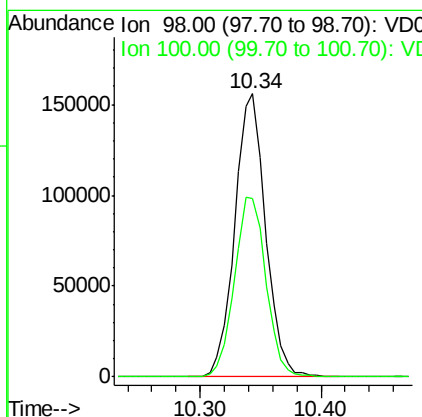
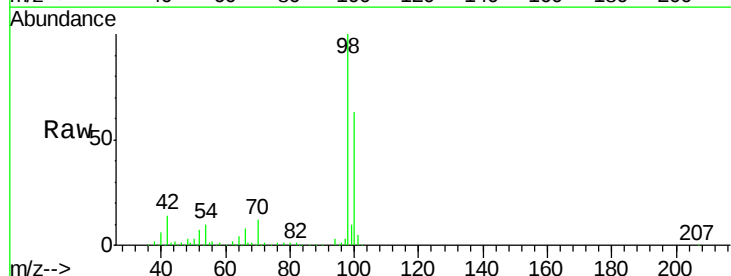
Instrument :
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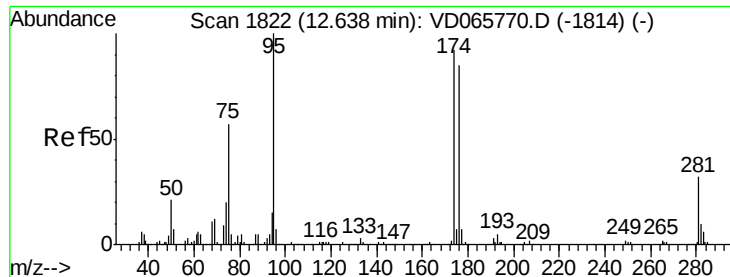
Tot Ion:113 Resp: 81379
Ion Ratio Lower Upper
113 100
111 101.8 83.4 125.0
192 18.8 15.7 23.5



#50
Toluene-d8
Concen: 46.073 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065830.D
Acq: 19 Jun 2020 15:59

Tgt Ion: 98 Resp: 278287
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 38.981 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065830.D

Acq: 19 Jun 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

RO-25RE

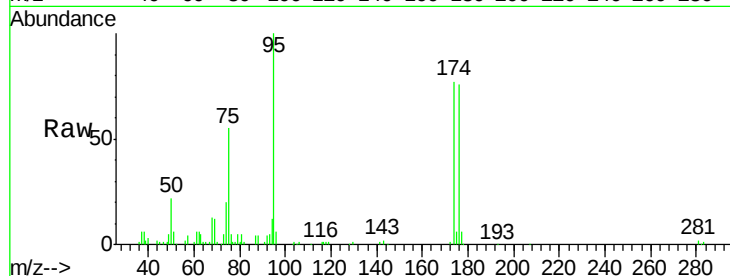
Tot Ion: 95 Resp: 79848

Ion Ratio Lower Upper

95 100

174 82.4 0.0 175.2

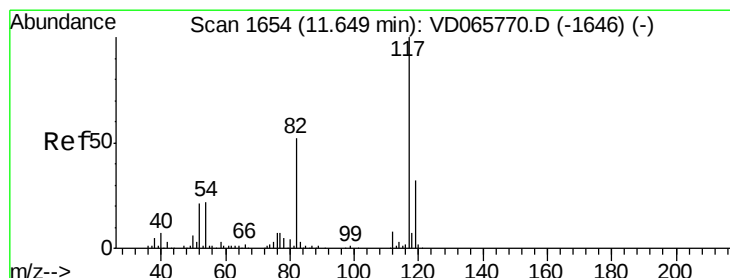
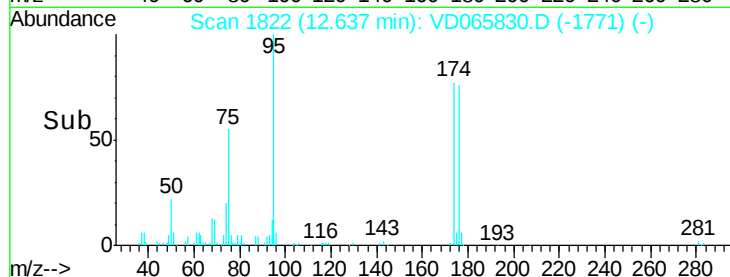
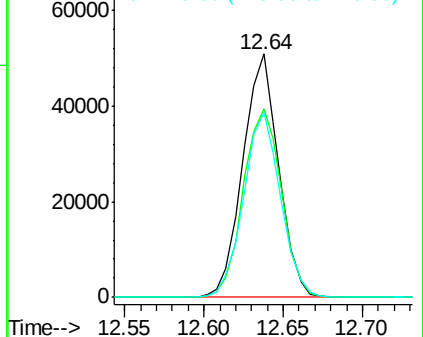
176 78.2 0.0 163.0



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: VD065830.D

Acq: 19 Jun 2020 15:59

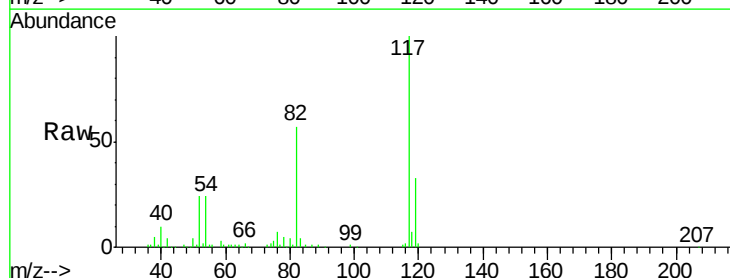
Tgt Ion: 117 Resp: 219487

Ion Ratio Lower Upper

117 100

82 56.8 41.9 62.9

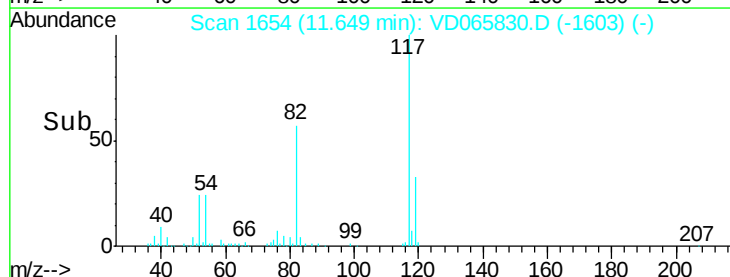
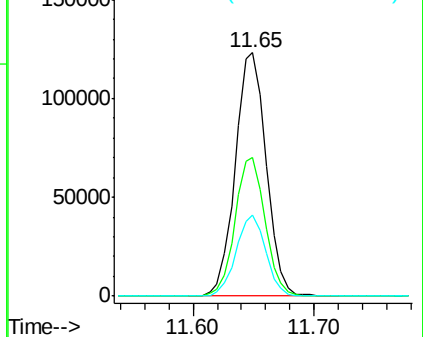
119 33.2 25.3 37.9

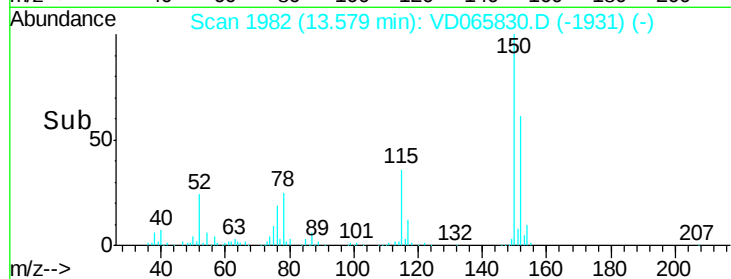
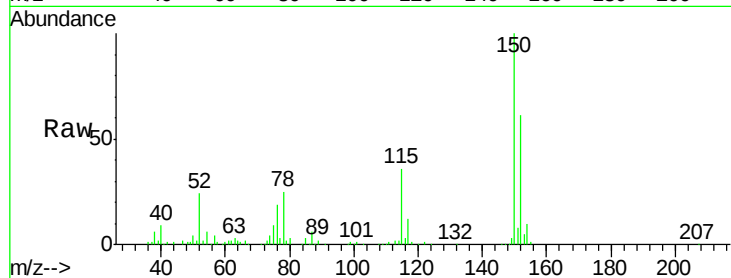
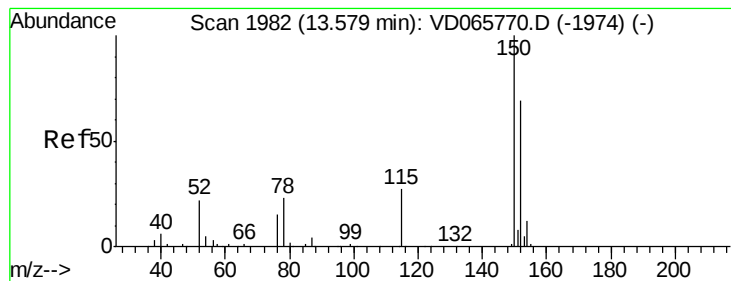


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1982

Delta R.T. -0.00 min

Lab File: VD065830.D

Acq: 19 Jun 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

RO-25RE

Tot Ion:152 Resp: 86610

Ion Ratio Lower Upper

152 100

115 56.4 28.7 86.1

150 156.2 0.0 348.0

