

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065831.D
 Acq On : 19 Jun 2020 16:26
 Operator : VA/SY
 Sample : L3024-07RE
 Misc : 7.63G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-16RE

Quant Time: Jun 20 02:32:34 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

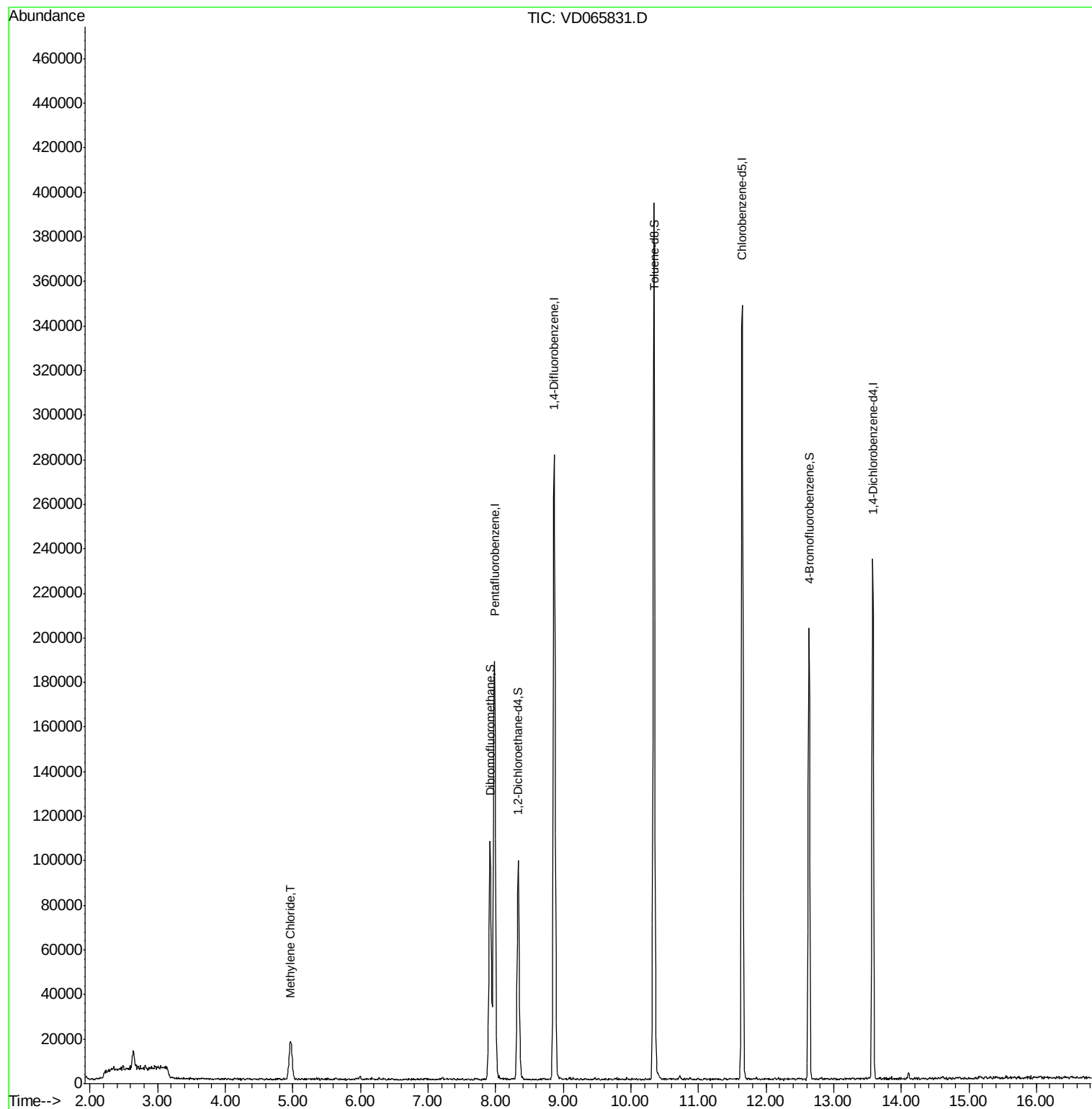
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	133130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	230540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	189043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	56999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	75579	57.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.90%	
35) Dibromofluoromethane	7.92	113	75167	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
50) Toluene-d8	10.34	98	257162	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
62) 4-Bromofluorobenzene	12.64	95	60071	32.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.24%	
Target Compounds						
20) Methylene Chloride	4.96	84	13461	6.328	ug/l #	Qvalue 80

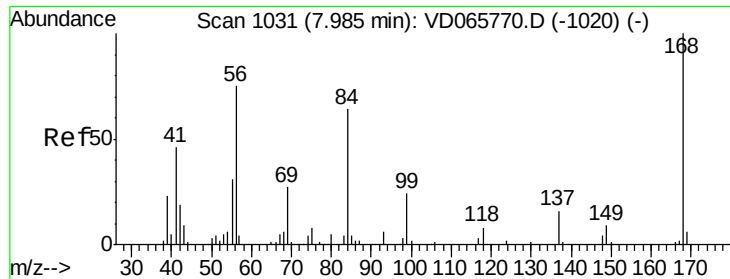
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065831.D

Acq: 19 Jun 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

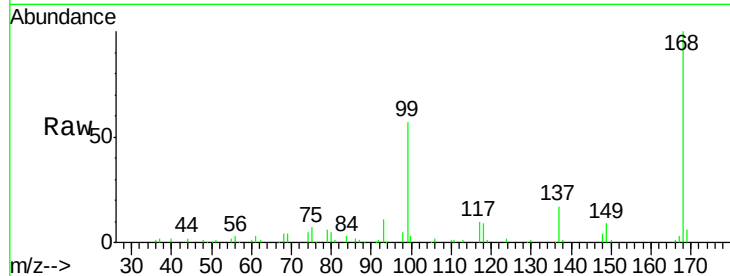
RO-16RE

Tot Ion:168 Resp: 133130

Ion Ratio Lower Upper

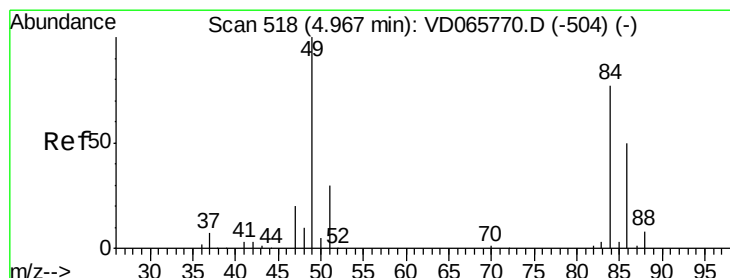
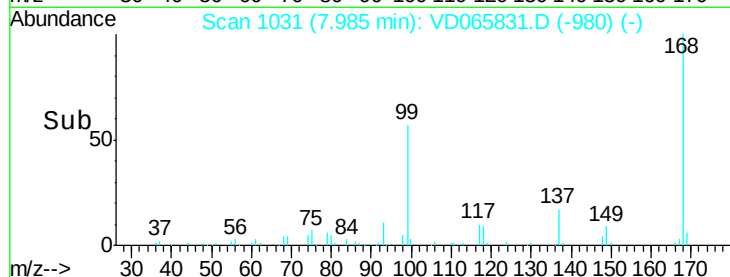
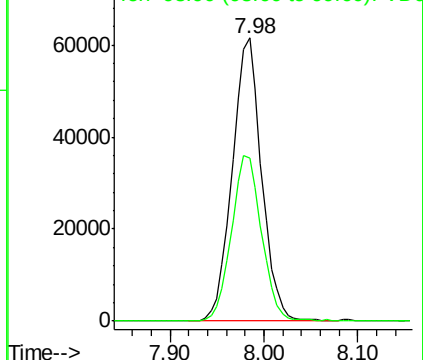
168 100

99 57.4 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: 6.328 ug/l

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD065831.D

Acq: 19 Jun 2020 16:26

Tgt Ion: 84 Resp: 13461

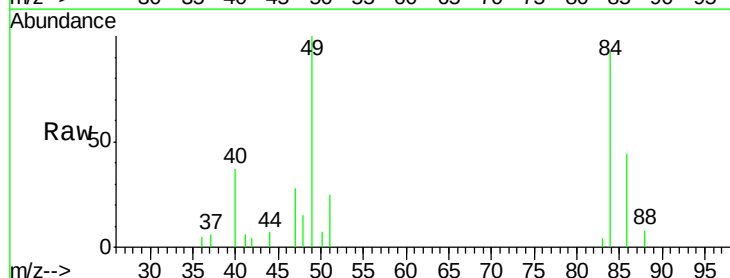
Ion Ratio Lower Upper

84 100

49 107.7 103.4 155.0

51 26.8 31.4 47.2#

86 47.8 51.7 77.5#

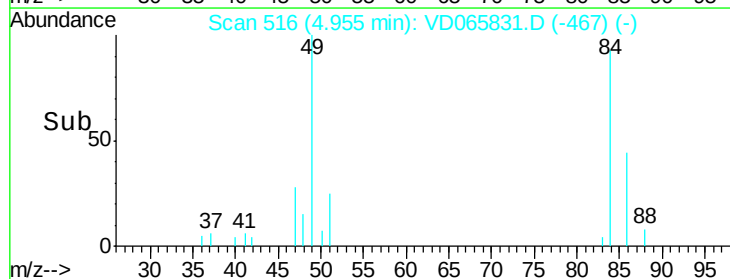
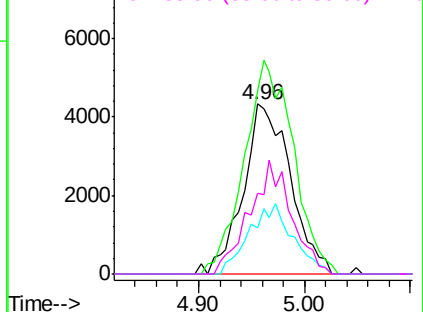


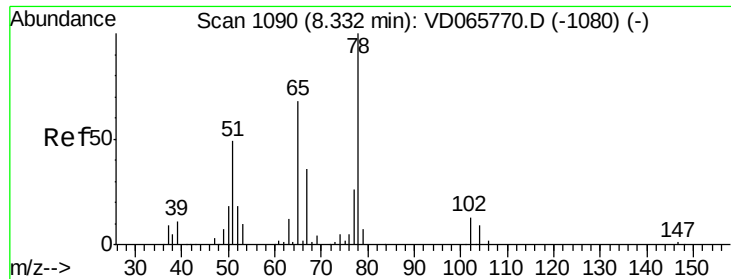
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

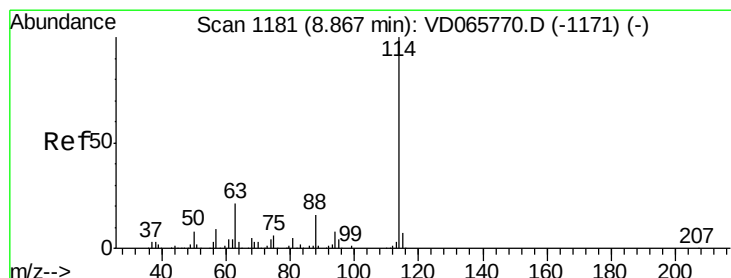
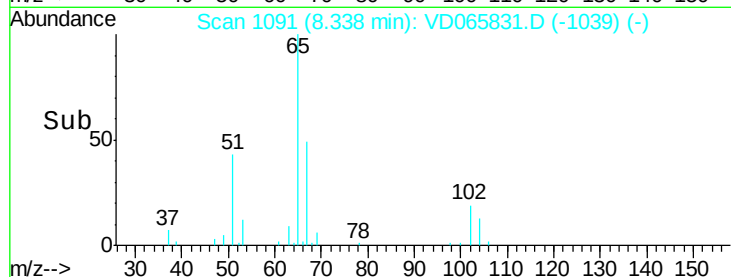
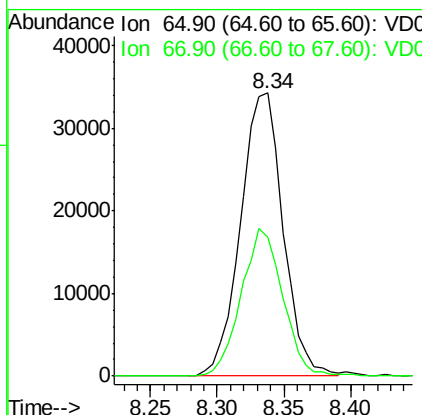
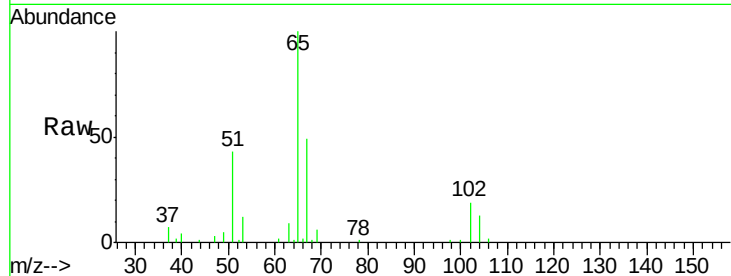




#33
 1,2-Dichloroethane-d4
 Concen: 57.453 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD065831.D
 Acq: 19 Jun 2020 16:26

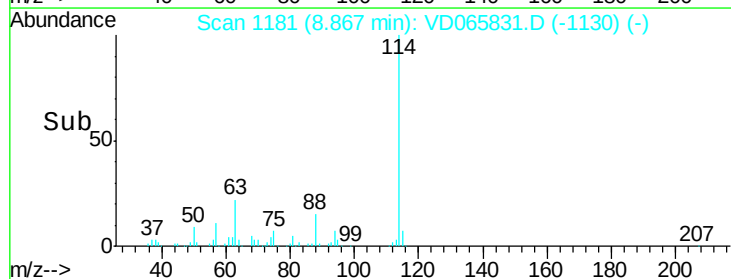
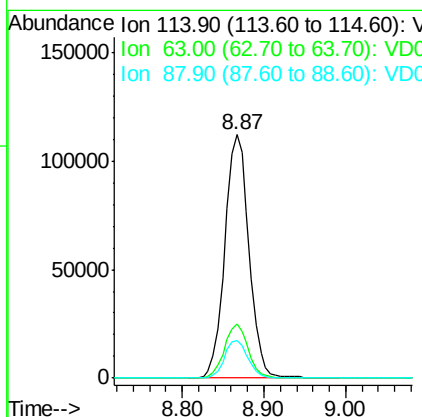
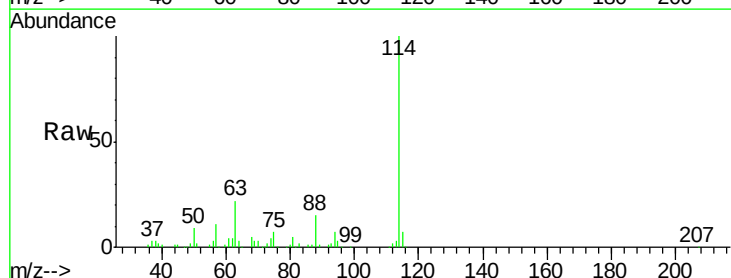
Instrument :
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 RO-16RE

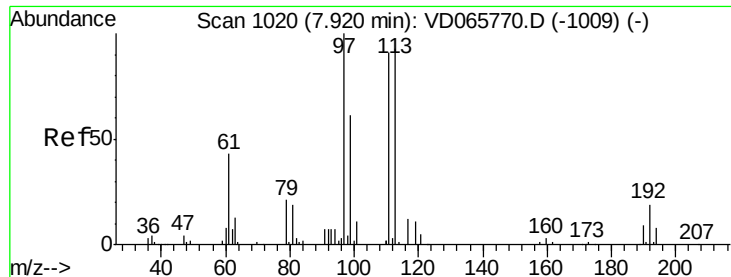
Tot Ion: 65 Resp: 75579
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065831.D
 Acq: 19 Jun 2020 16:26

Tgt Ion: 114 Resp: 230540
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 41.8
 88 15.2 0.0 32.0

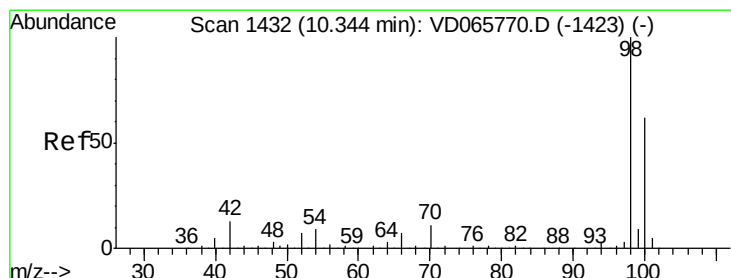
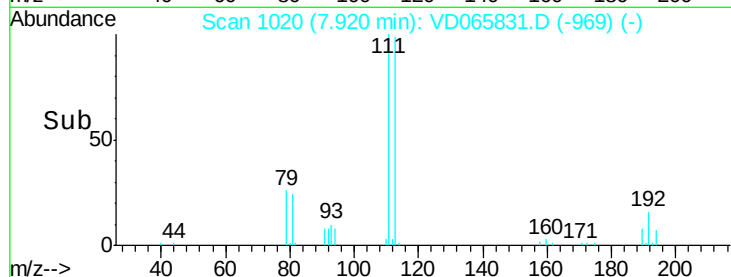
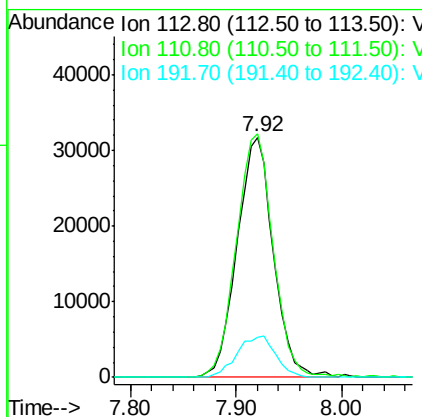
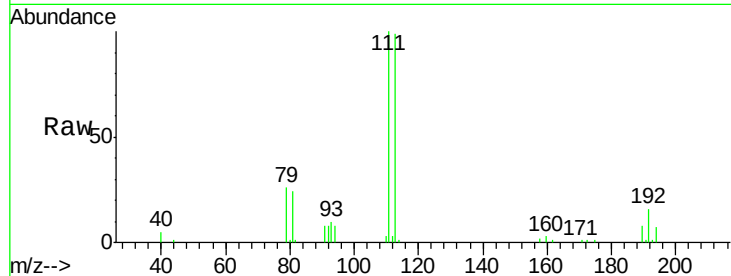




#35
Dibromofluoromethane
Concen: 51.618 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065831.D
Acq: 19 Jun 2020 16:26

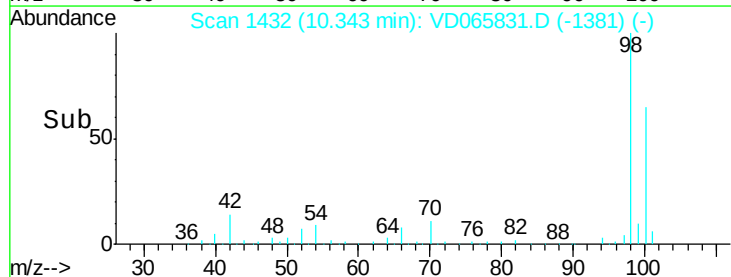
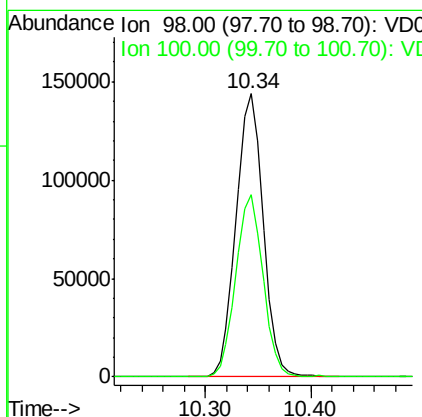
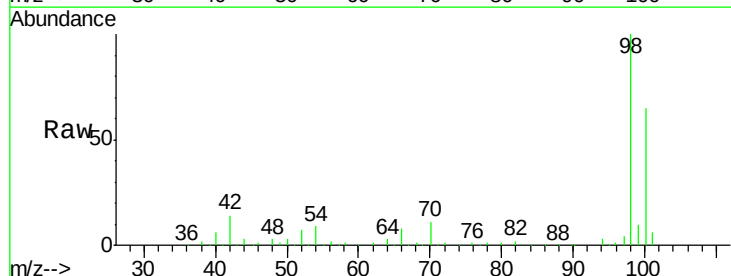
Instrument :
MSVOA_D
ClientSampleId :
RO-16RE

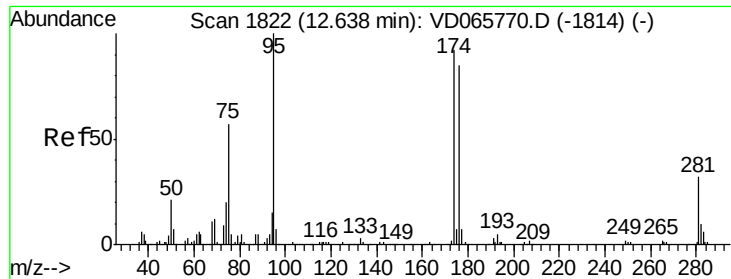
Tot Ion:113 Resp: 75167
Ion Ratio Lower Upper
113 100
111 103.4 83.4 125.0
192 18.4 15.7 23.5



#50
Toluene-d8
Concen: 47.359 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065831.D
Acq: 19 Jun 2020 16:26

Tgt Ion: 98 Resp: 257162
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.2

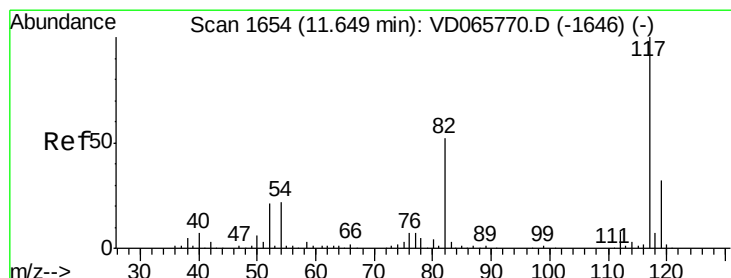
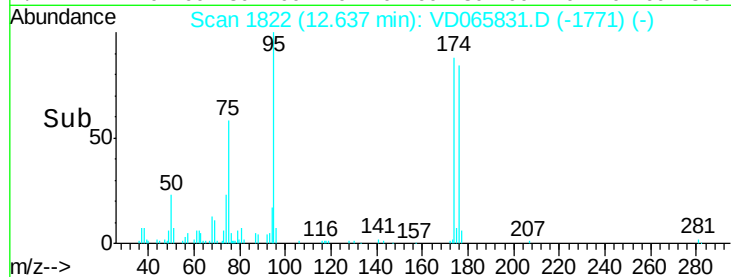
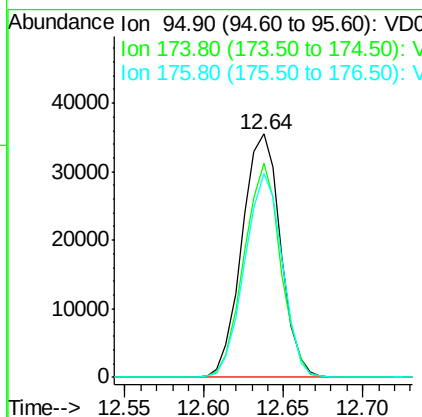
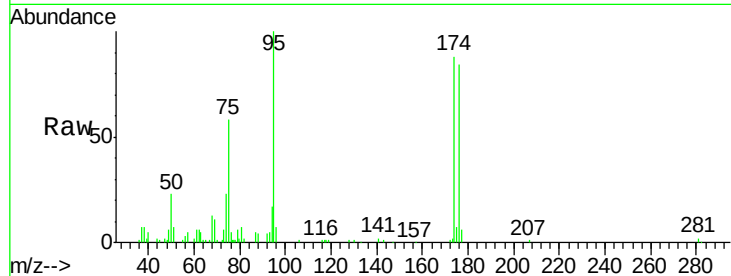




#62
4-Bromofluorobenzene
Concen: 32.620 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065831.D
Acq: 19 Jun 2020 16:26

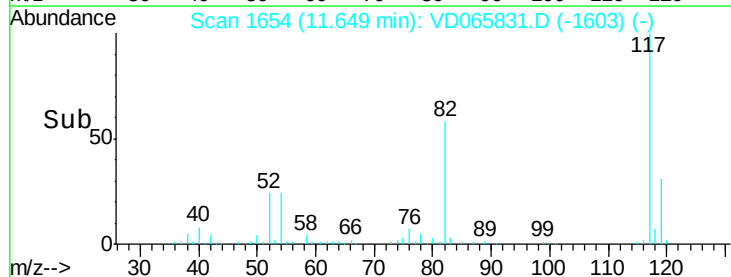
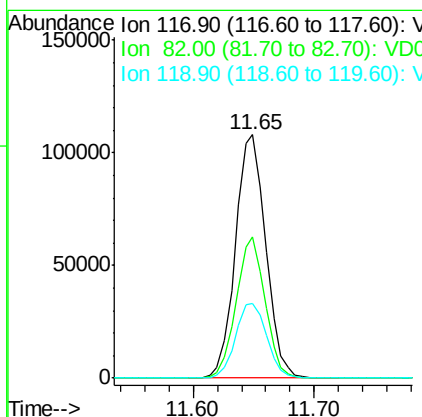
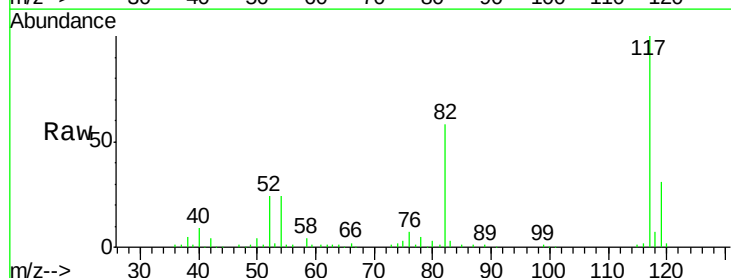
Instrument :
MSVOA_D
ClientSampleId :
RO-16RE

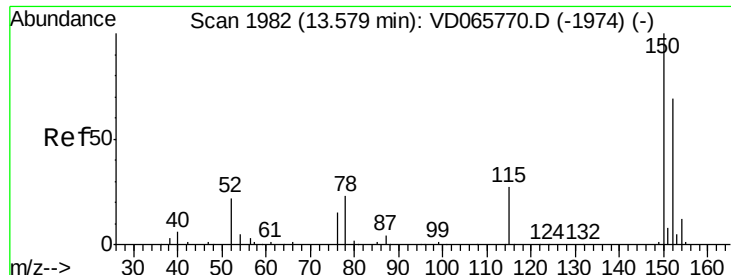
Tot Ion: 95 Resp: 60071
Ion Ratio Lower Upper
95 100
174 83.5 0.0 175.2
176 81.6 0.0 163.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065831.D
Acq: 19 Jun 2020 16:26

Tgt Ion: 117 Resp: 189043
Ion Ratio Lower Upper
117 100
82 58.1 41.9 62.9
119 30.6 25.3 37.9

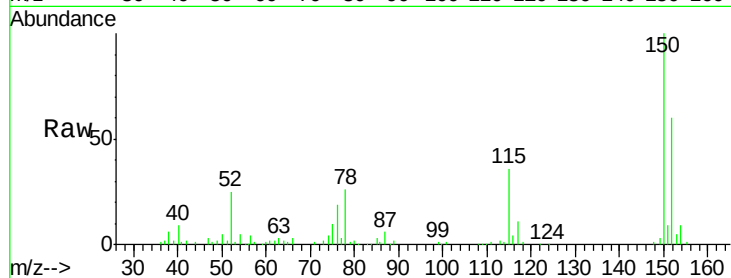




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VD065831.D
 Acq: 19 Jun 2020 16:26

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-16RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.3	28.7	86.1
150	161.5	0.0	348.0



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

