

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065814.D
 Acq On : 18 Jun 2020 17:55
 Operator : VA/SY
 Sample : L3024-10
 Misc : 6.59G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-7

Quant Time: Jun 19 01:41:38 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

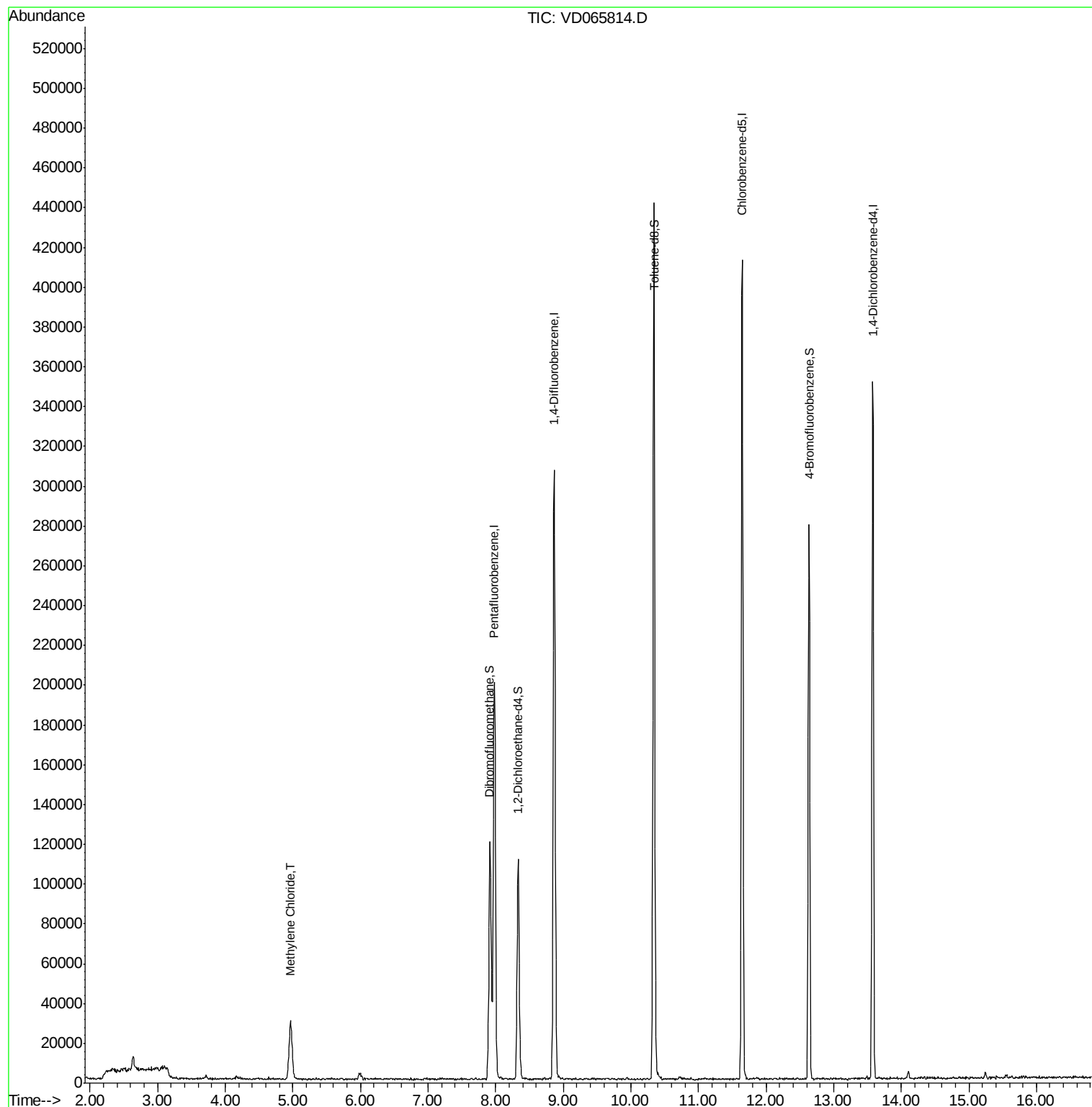
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	145634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	251316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	218516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	87674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	86824	60.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.66%	
35) Dibromofluoromethane	7.92	113	82264	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
50) Toluene-d8	10.34	98	293693	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.64	95	83235	41.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.92%	
Target Compounds						
20) Methylene Chloride	4.97	84	21858	11.759	ug/l	Qvalue 87

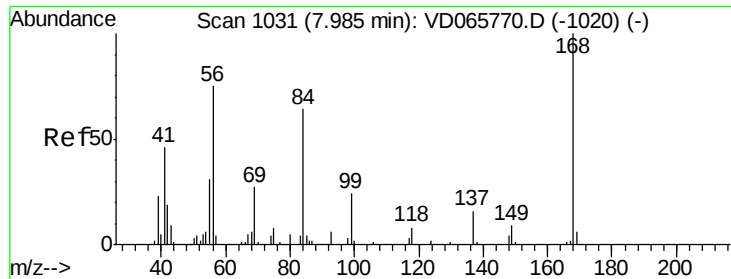
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065814.D

Acq: 18 Jun 2020 17:55

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MSVOA_D

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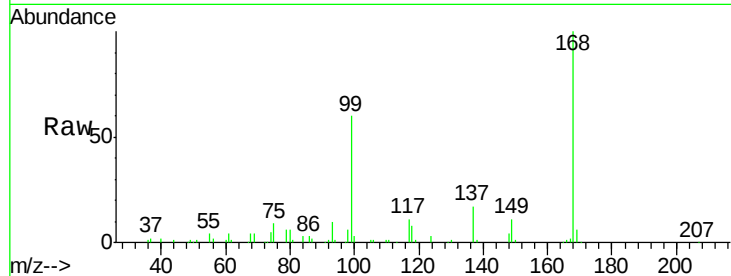
RO-7

Tot Ion:168 Resp: 145634

Ion Ratio Lower Upper

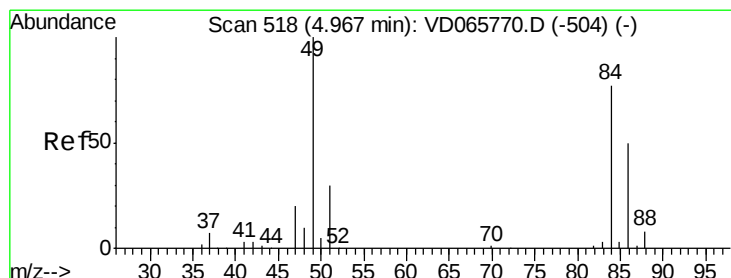
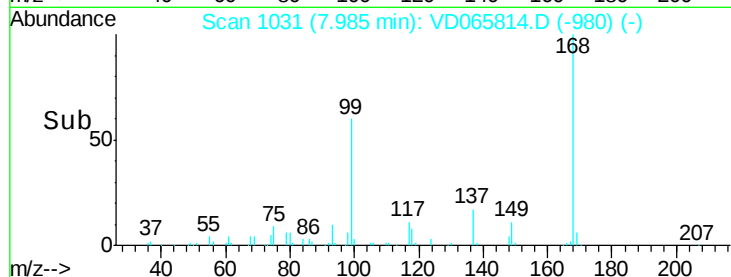
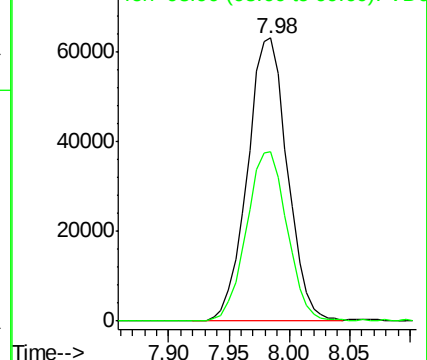
168 100

99 60.1 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: 11.759 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065814.D

Acq: 18 Jun 2020 17:55

Tgt Ion: 84 Resp: 21858

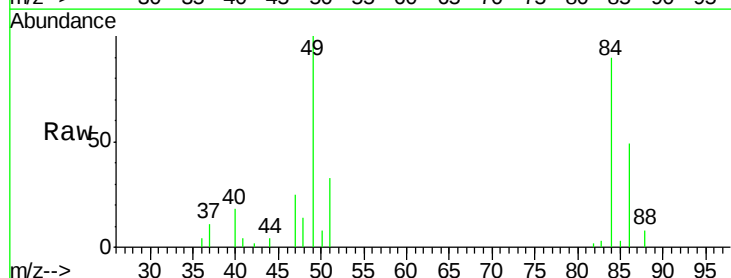
Ion Ratio Lower Upper

84 100

49 111.3 103.4 155.0

51 36.4 31.4 47.2

86 54.2 51.7 77.5

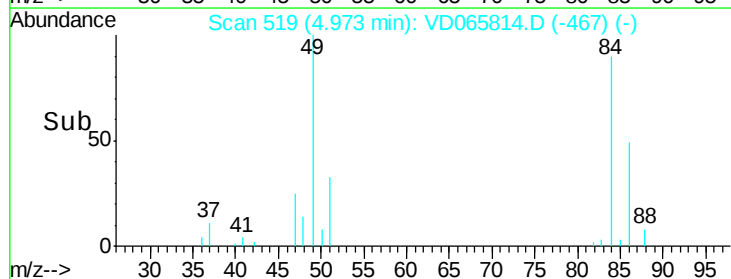
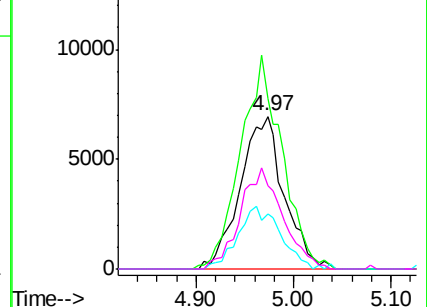


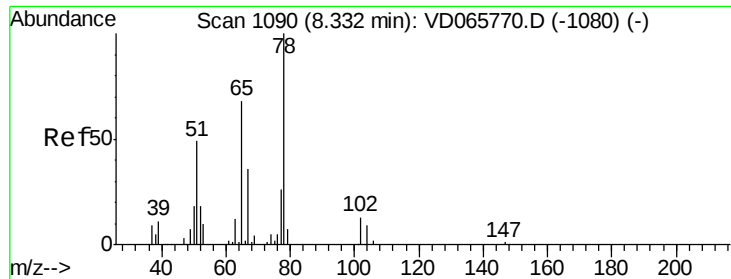
Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 60.334 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065814.D

Acq: 18 Jun 2020 17:55

Instrument :

MSVOA_D

ClientSampleId :

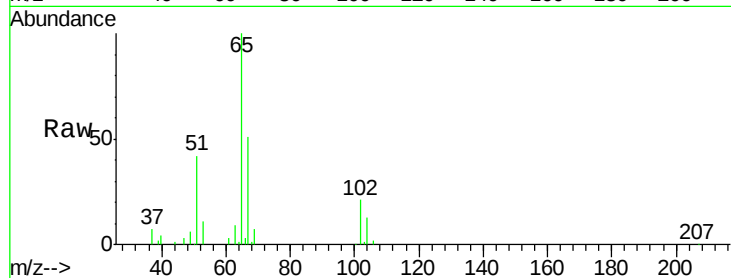
RO-7

Tot Ion: 65 Resp: 86824

Ion Ratio Lower Upper

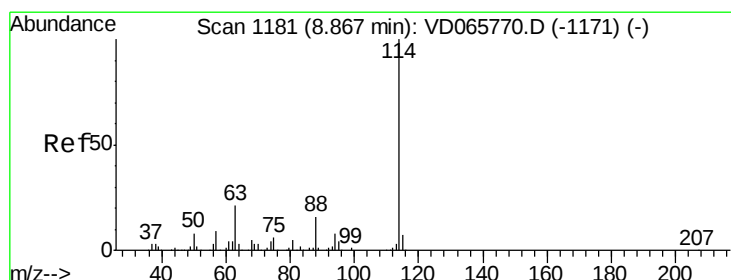
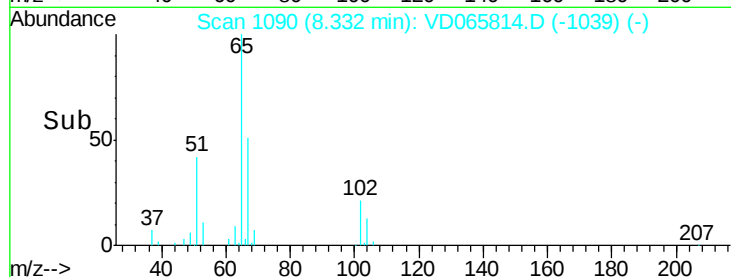
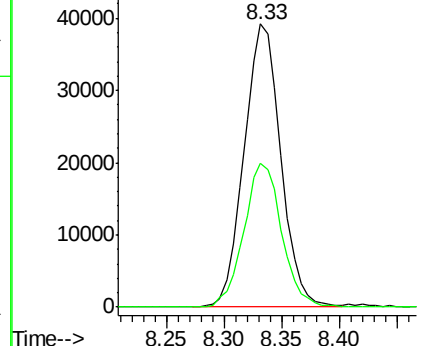
65 100

67 52.0 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: VD065814.D

Acq: 18 Jun 2020 17:55

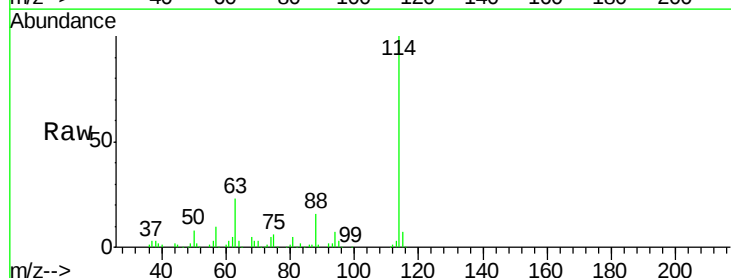
Tgt Ion: 114 Resp: 251316

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

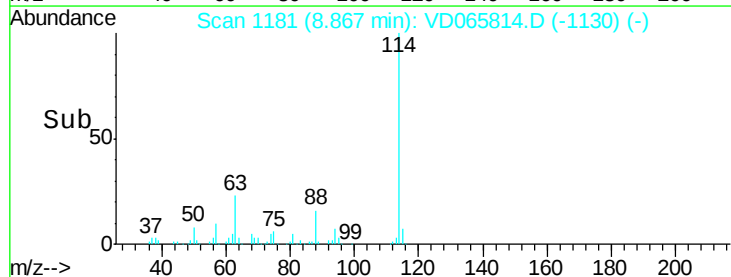
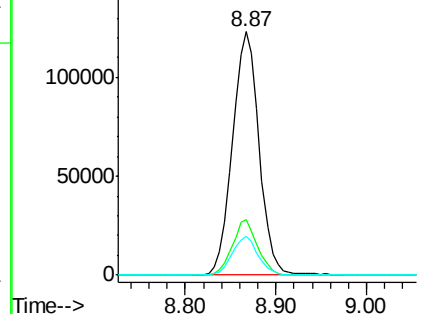
88 15.8 0.0 32.0

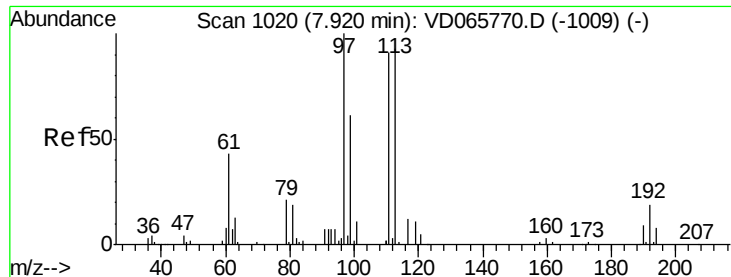


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

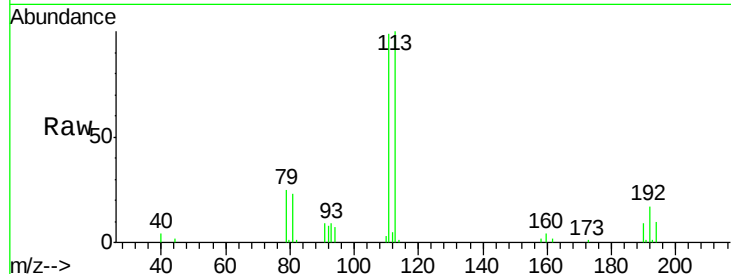




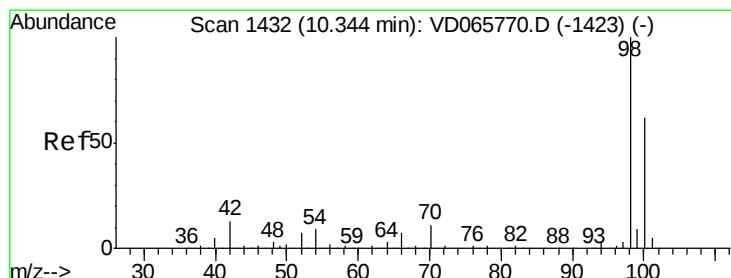
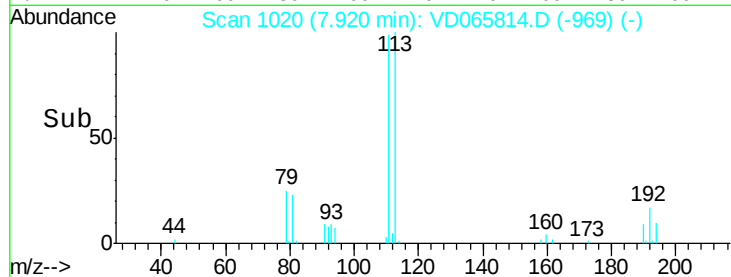
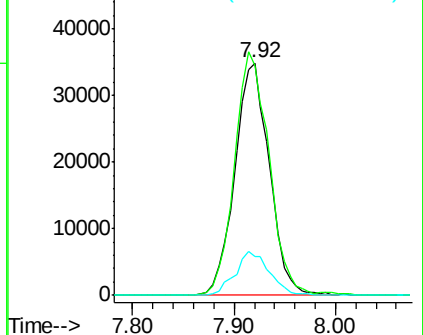
#35
Dibromofluoromethane
Concen: 51.821 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065814.D
Acq: 18 Jun 2020 17:55

Instrument :
MSVOA_D
ClientSampleId :
RO-7

Tot Ion:113 Resp: 82264
Ion Ratio Lower Upper
113 100
111 105.4 83.4 125.0
192 18.8 15.7 23.5

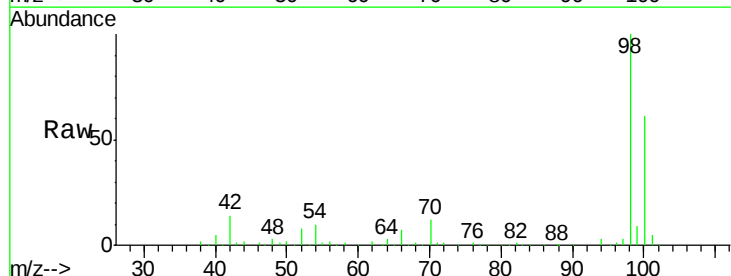


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

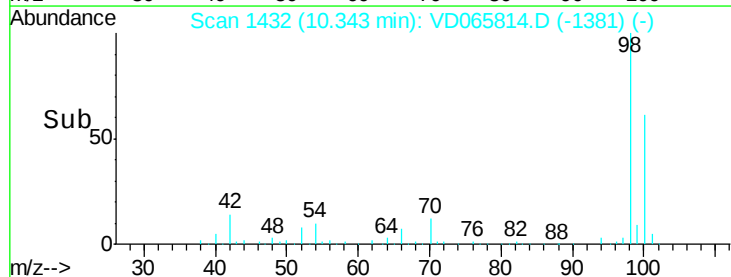
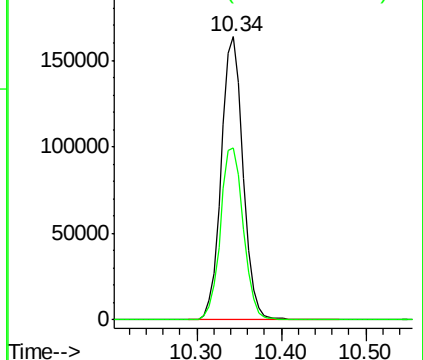


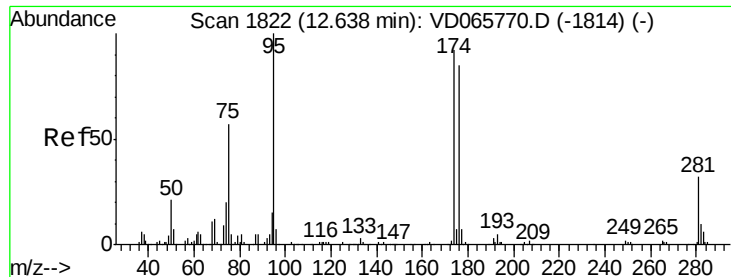
#50
Toluene-d8
Concen: 49.615 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065814.D
Acq: 18 Jun 2020 17:55

Tgt Ion: 98 Resp: 293693
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

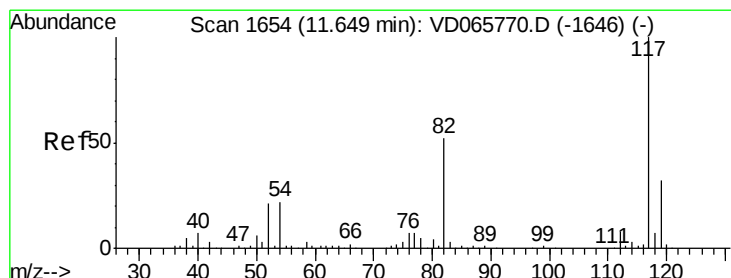
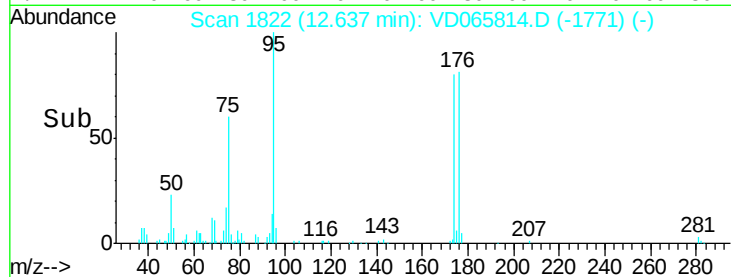
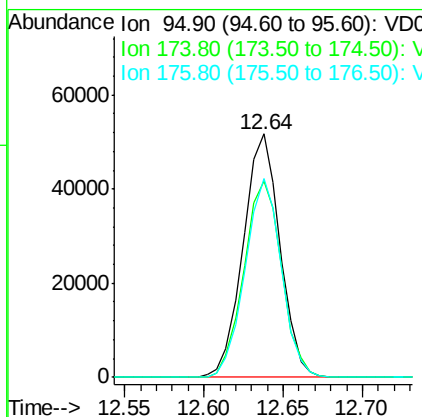
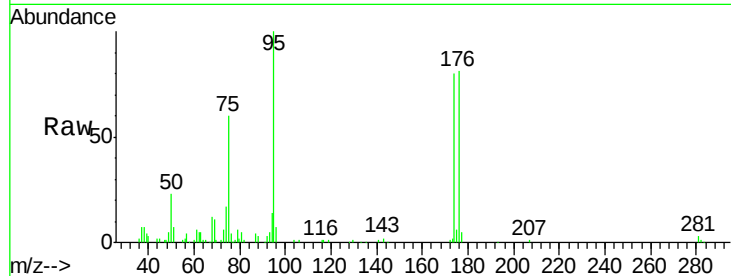




#62
4-Bromofluorobenzene
Concen: 41.462 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065814.D
Acq: 18 Jun 2020 17:55

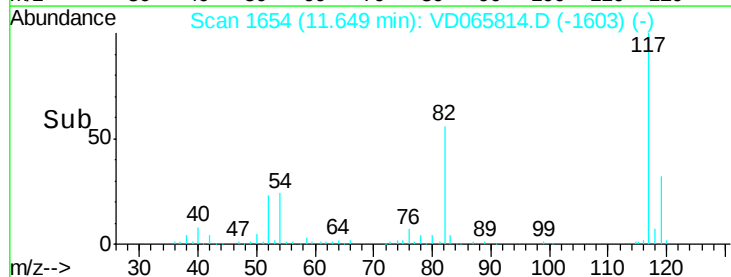
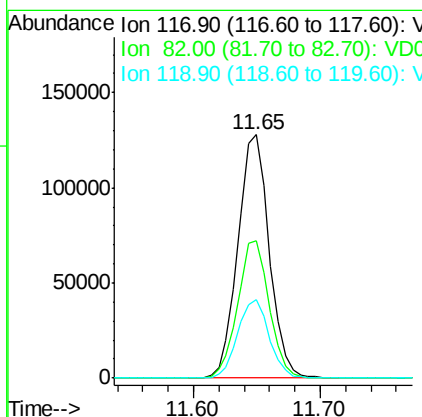
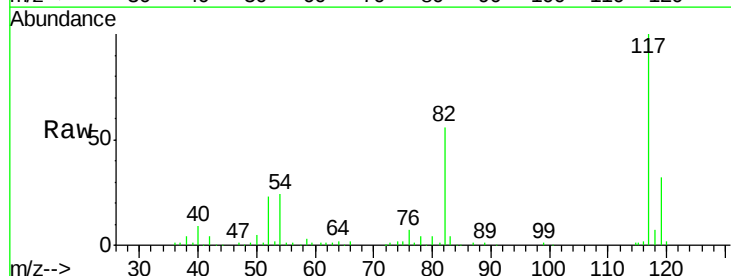
Instrument :
MSVOA_D
ClientSampleId :
RO-7

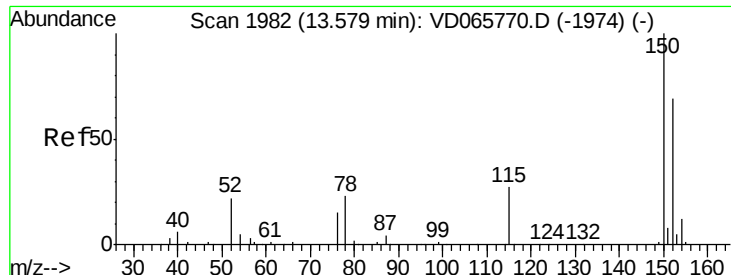
Tot Ion: 95 Resp: 83235
Ion Ratio Lower Upper
95 100
174 82.8 0.0 175.2
176 80.7 0.0 163.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065814.D
Acq: 18 Jun 2020 17:55

Tgt Ion: 117 Resp: 218516
Ion Ratio Lower Upper
117 100
82 56.4 41.9 62.9
119 32.3 25.3 37.9

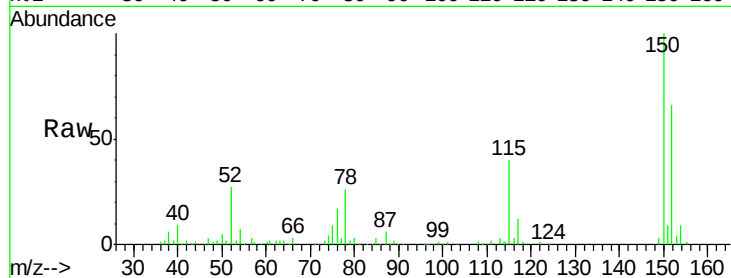




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VD065814.D
 Acq: 18 Jun 2020 17:55

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-7

Tot Ion:152 Resp: 87674
 Ion Ratio Lower Upper
 152 100
 115 60.1 28.7 86.1
 150 157.4 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

