

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065816.D
 Acq On : 18 Jun 2020 18:48
 Operator : VA/SY
 Sample : L3024-16
 Misc : 7.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-6

Quant Time: Jun 19 01:44:57 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

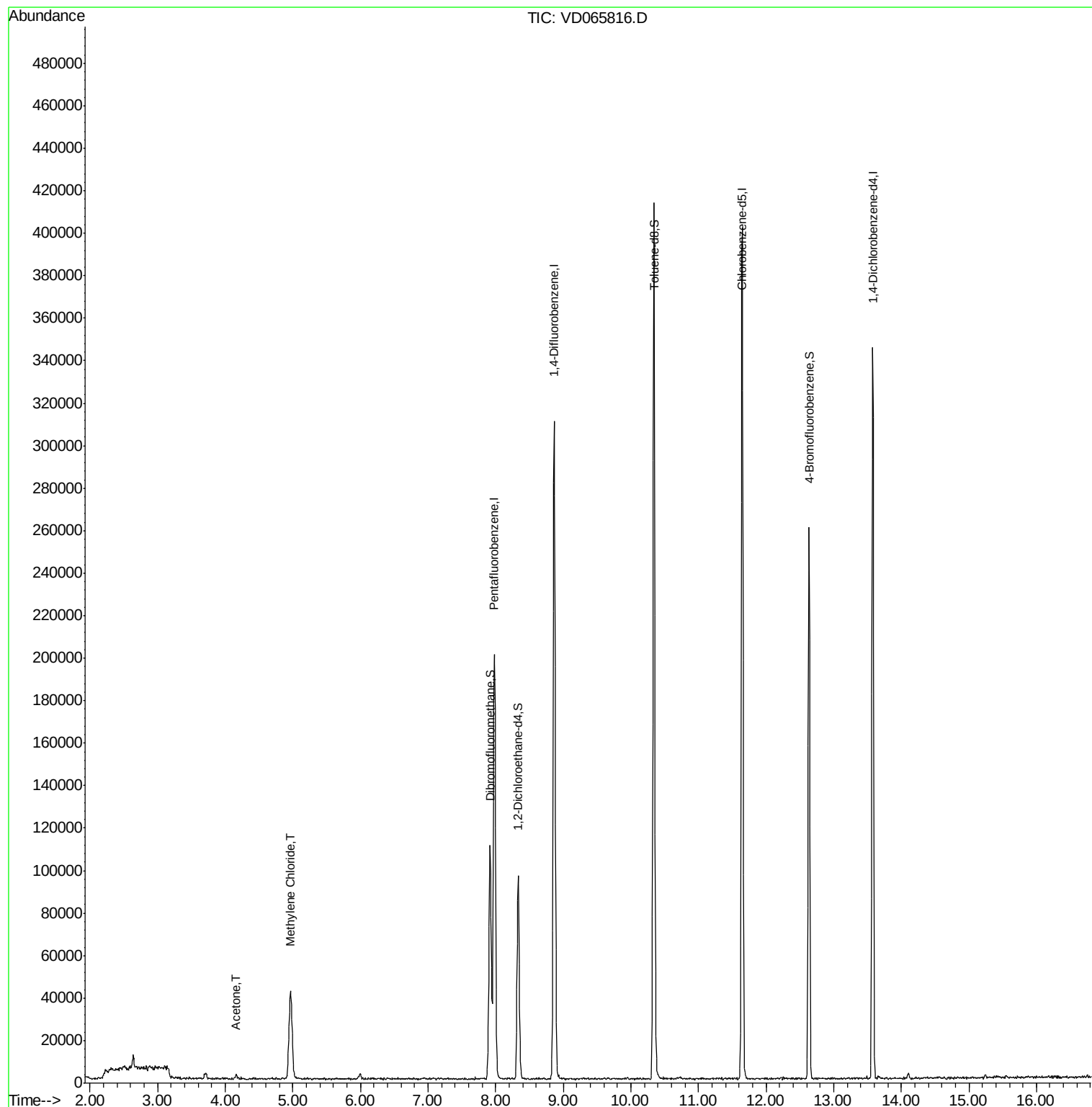
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	143945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	251245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	216318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	86748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	76298	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
35) Dibromofluoromethane	7.92	113	76114	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
50) Toluene-d8	10.34	98	277261	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	12.64	95	77245	38.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.98%	
Target Compounds						
16) Acetone	4.16	43	2865	10.678	ug/l	99
20) Methylene Chloride	4.96	84	31527	19.403	ug/l	98

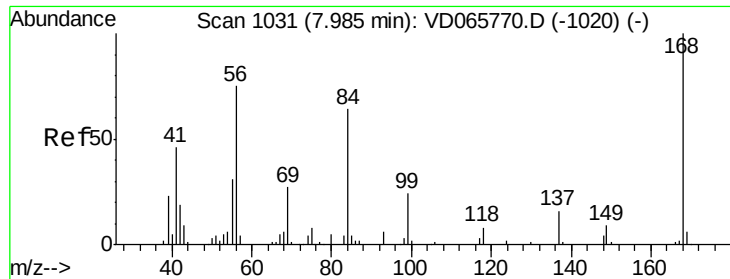
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065816.D

Acq: 18 Jun 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

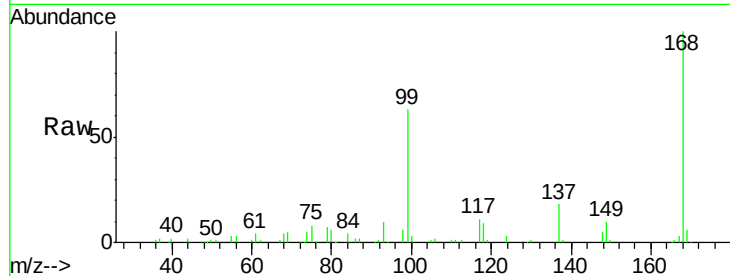
RO-6

Tot Ion:168 Resp: 143945

Ion Ratio Lower Upper

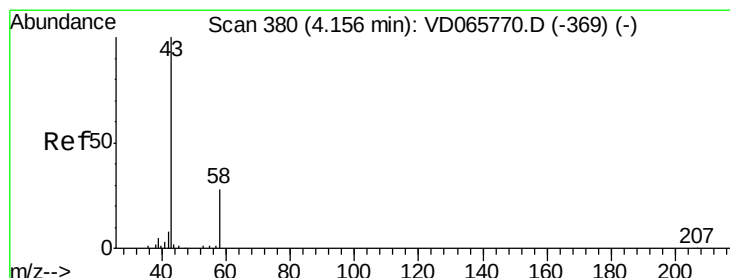
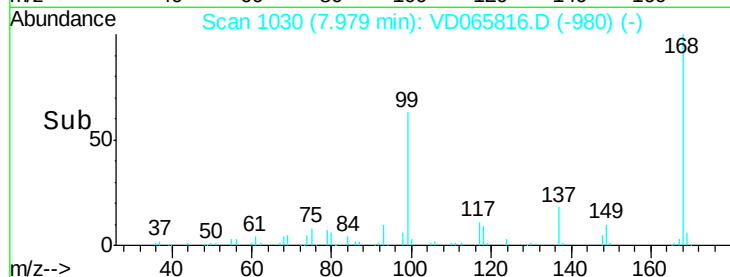
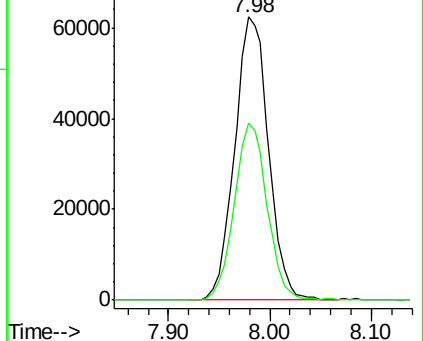
168 100

99 62.8 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 10.678 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065816.D

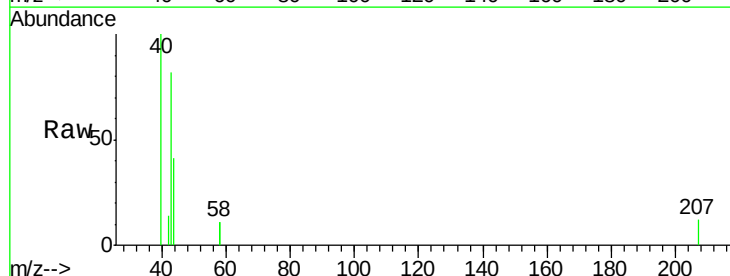
Acq: 18 Jun 2020 18:48

Tgt Ion: 43 Resp: 2865

Ion Ratio Lower Upper

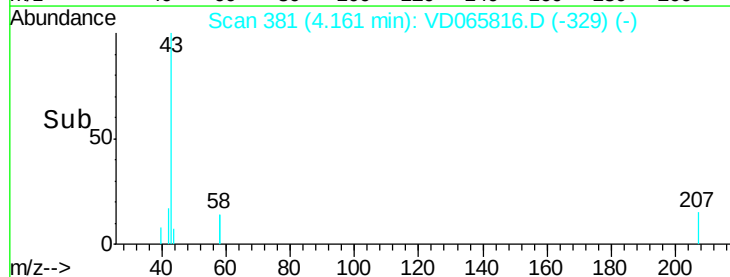
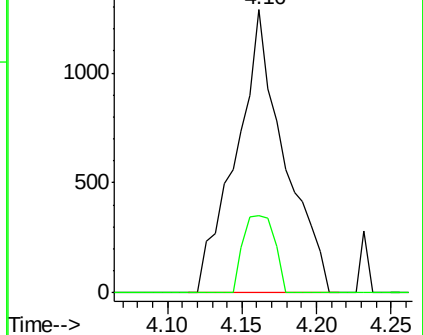
43 100

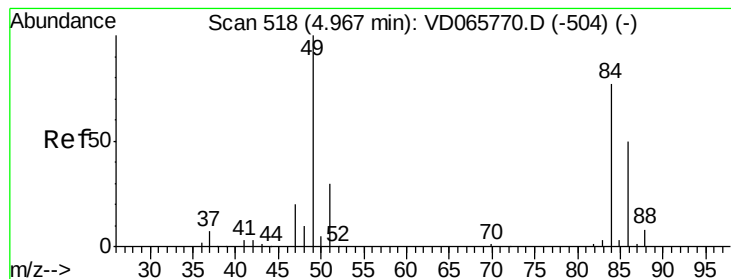
58 27.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#20

Methylene Chloride

Concen: 19.403 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065816.D

Acq: 18 Jun 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

RO-6

Tot Ion: 84 Resp: 31527

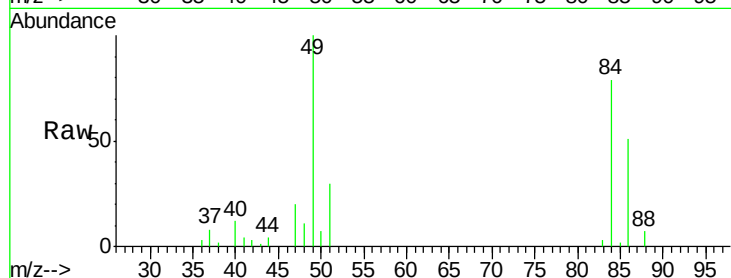
Ion Ratio Lower Upper

84 100

49 126.0 103.4 155.0

51 37.4 31.4 47.2

86 64.5 51.7 77.5

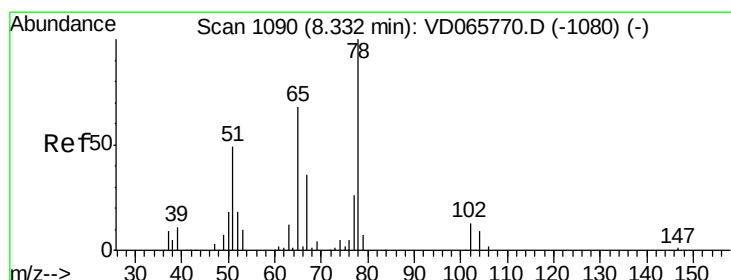
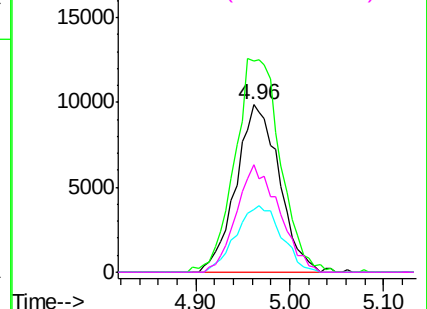
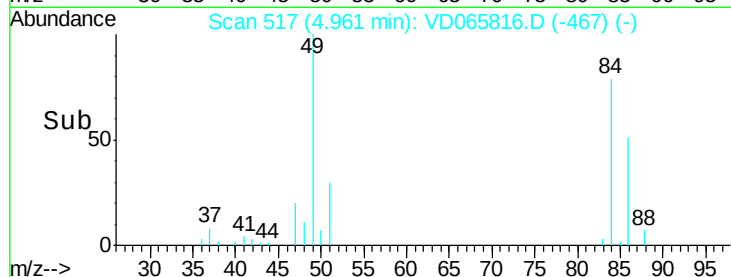


Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 53.642 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065816.D

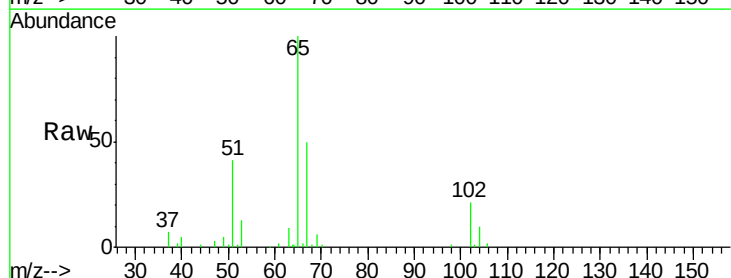
Acq: 18 Jun 2020 18:48

Tgt Ion: 65 Resp: 76298

Ion Ratio Lower Upper

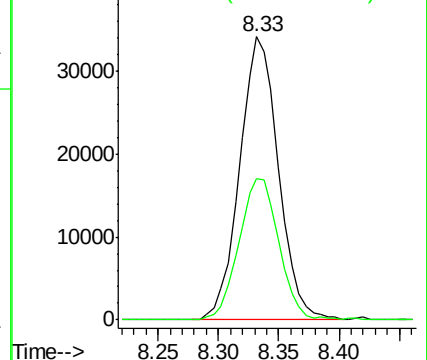
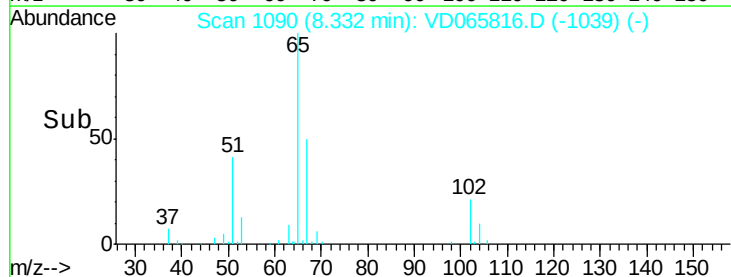
65 100

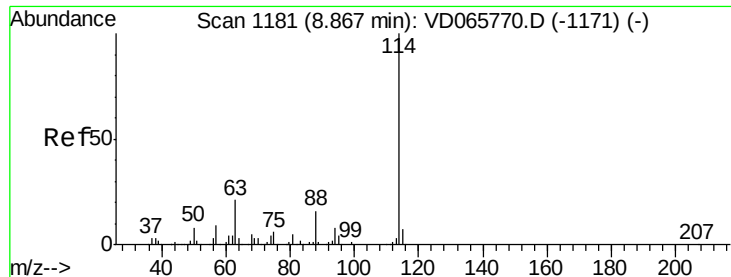
67 51.4 0.0 103.6



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: VD065816.D

Acq: 18 Jun 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

RO-6

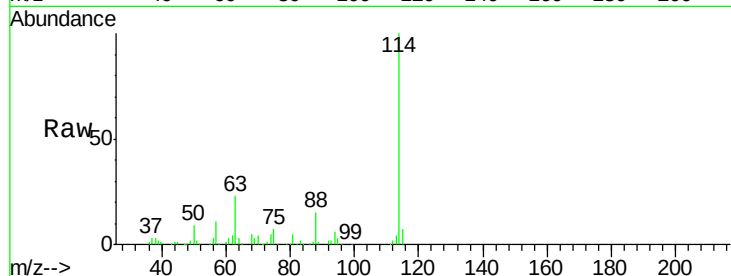
Tot Ion:114 Resp: 251245

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.8

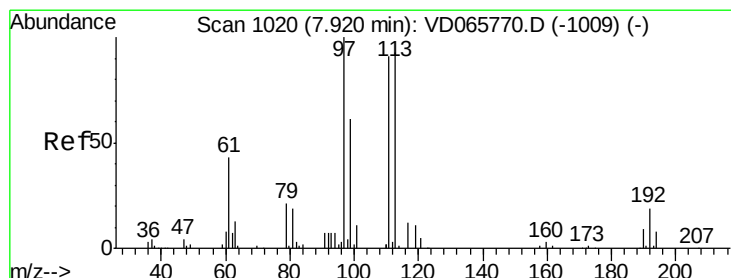
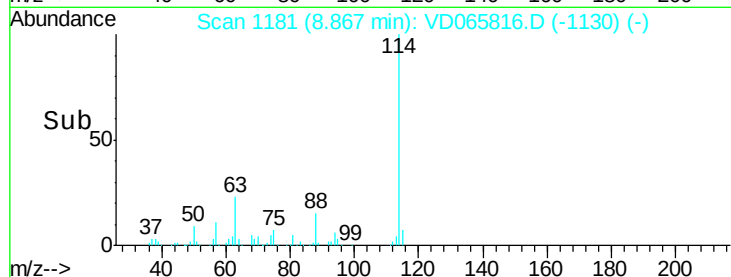
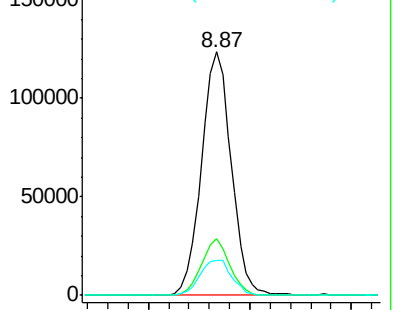
88 14.5 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 47.961 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065816.D

Acq: 18 Jun 2020 18:48

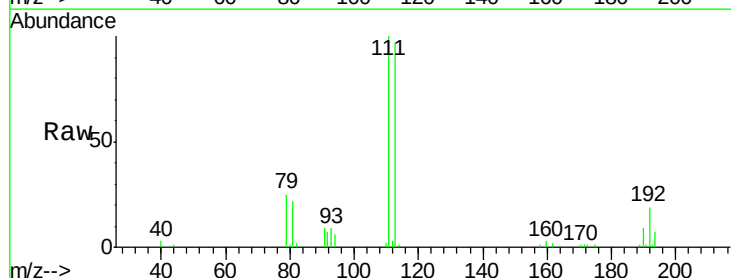
Tgt Ion:113 Resp: 76114

Ion Ratio Lower Upper

113 100

111 105.7 83.4 125.0

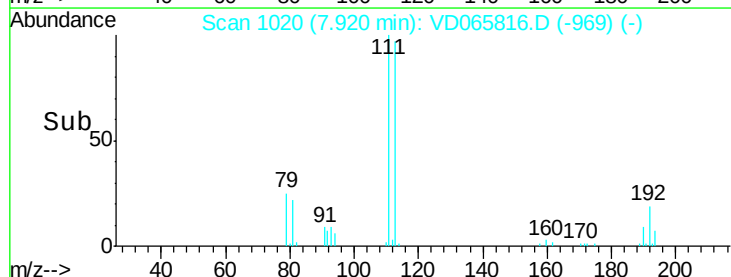
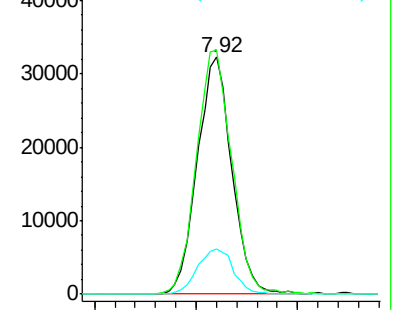
192 19.7 15.7 23.5

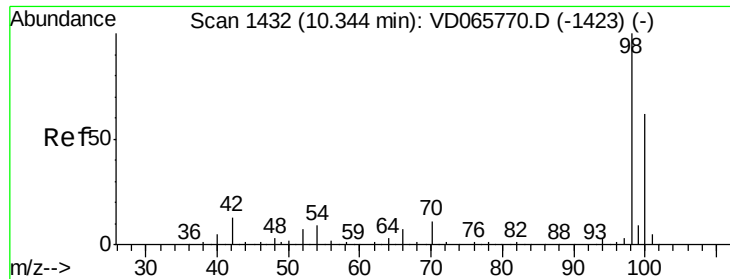


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.852 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065816.D

Acq: 18 Jun 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

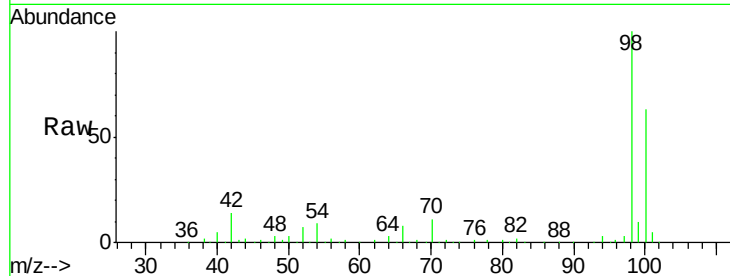
RO-6

Tot Ion: 98 Resp: 277261

Ion Ratio Lower Upper

98 100

100 63.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VD065770.D (-1423) (-)

Ion 100.00 (99.70 to 100.70): VD065770.D (-1423) (-)

150000

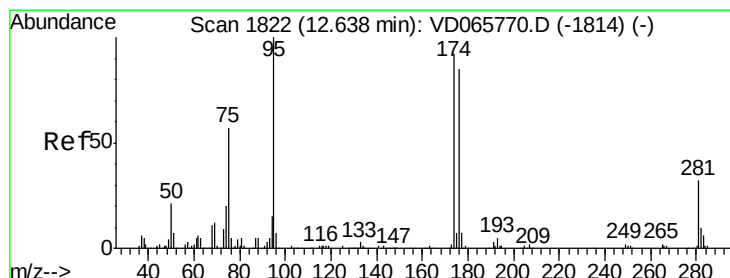
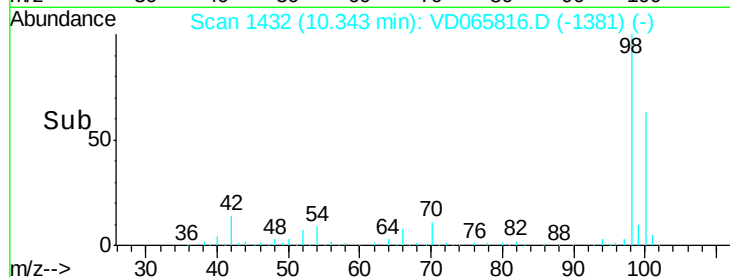
100000

50000

0

10.30 10.34 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 38.489 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065816.D

Acq: 18 Jun 2020 18:48

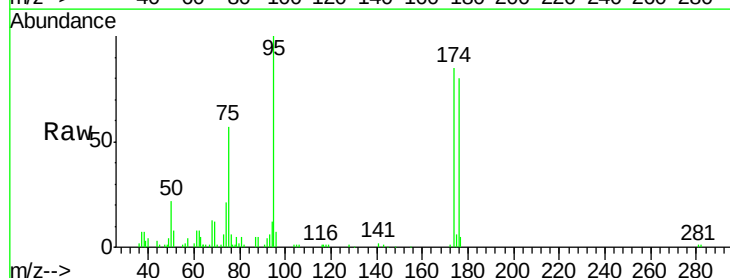
Tgt Ion: 95 Resp: 77245

Ion Ratio Lower Upper

95 100

174 81.4 0.0 175.2

176 77.7 0.0 163.0



Abundance Ion 94.90 (94.60 to 95.60): VD065770.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065770.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065770.D (-1814) (-)

60000

50000

40000

30000

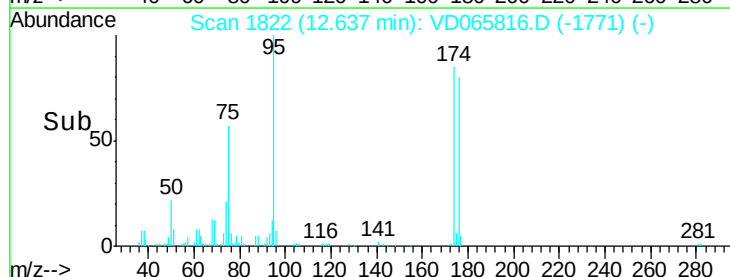
20000

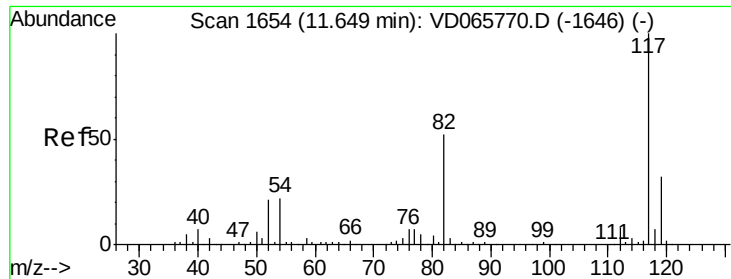
10000

0

12.55 12.60 12.64 12.70

Time-->

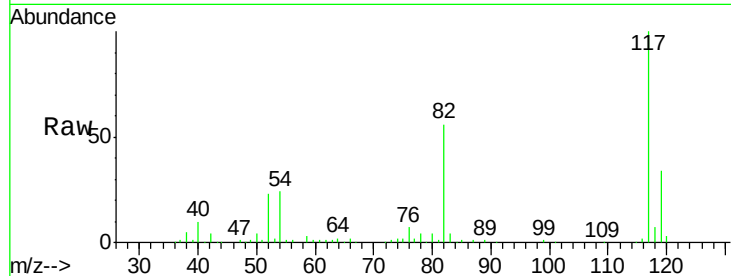




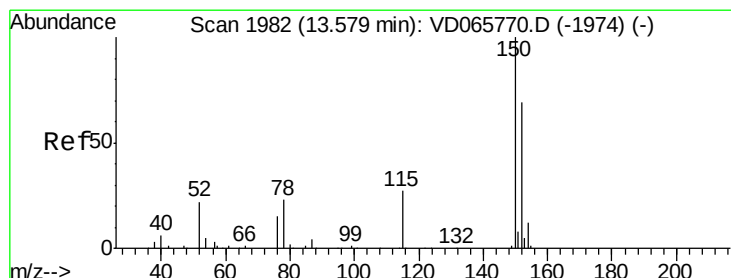
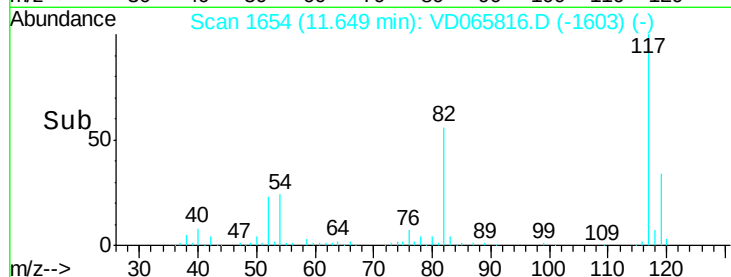
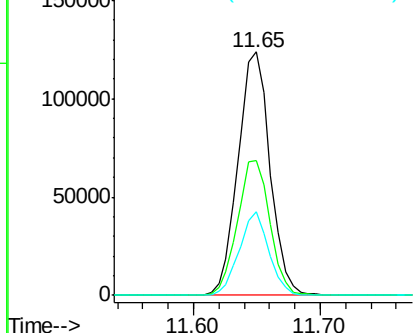
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065816.D
Acq: 18 Jun 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
RO-6

Tot Ion:117 Resp: 216318
Ion Ratio Lower Upper
117 100
82 55.6 41.9 62.9
119 34.1 25.3 37.9

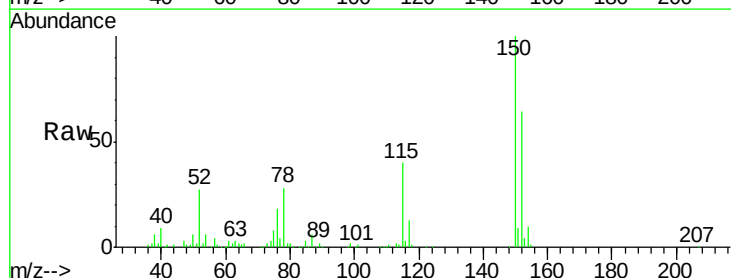


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065816.D
Acq: 18 Jun 2020 18:48

Tgt Ion:152 Resp: 86748
Ion Ratio Lower Upper
152 100
115 60.0 28.7 86.1
150 157.3 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

