

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
 Data File : VD065784.D
 Acq On : 08 Jun 2020 16:53
 Operator : VA/SY
 Sample : L2924-01RE
 Misc : 3.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SPRE

Quant Time: Jun 09 07:26:06 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

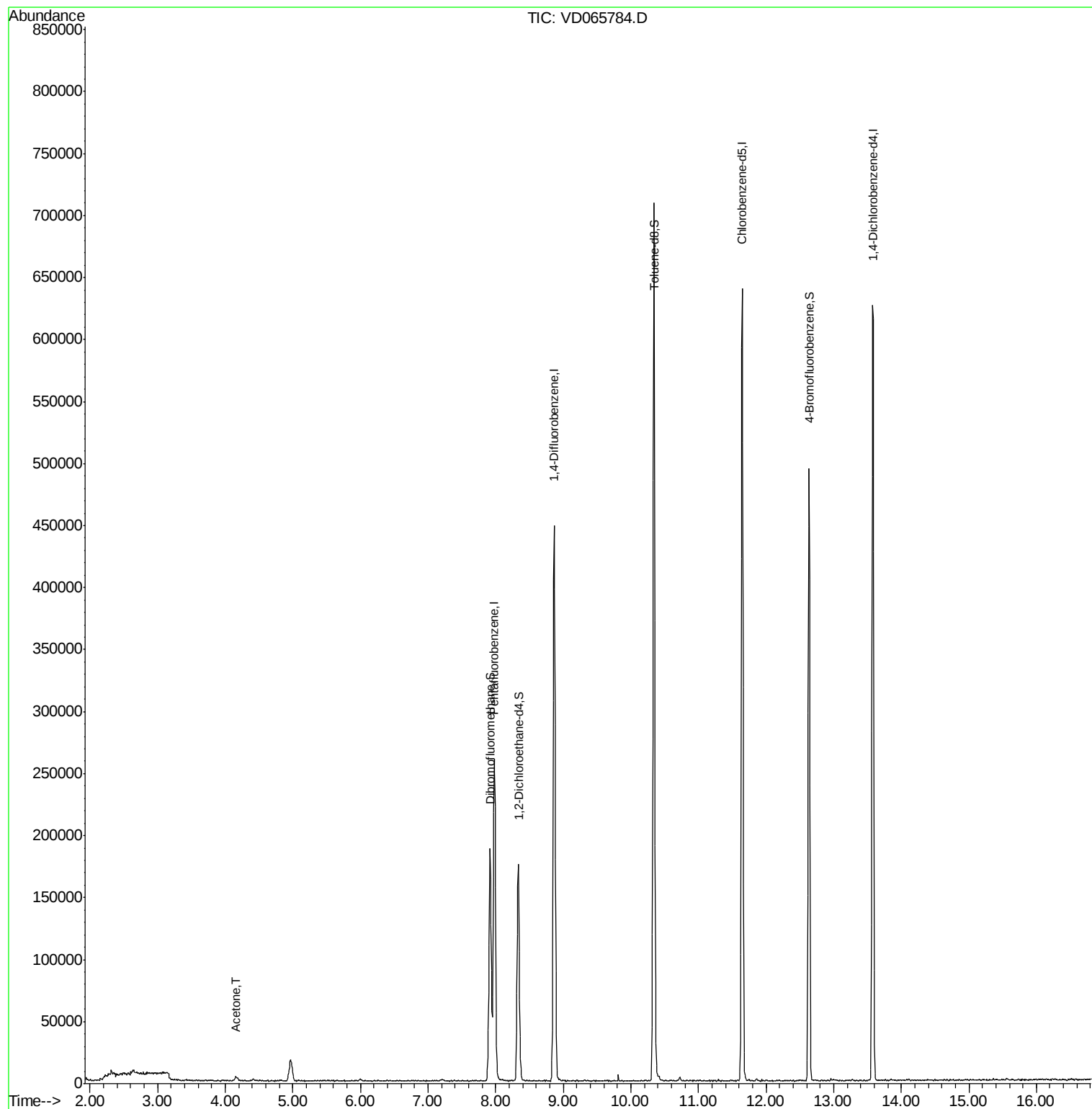
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	184503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	370890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	343746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	160838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	143088	78.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	156.96%	
35) Dibromofluoromethane	7.92	113	128757	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
50) Toluene-d8	10.34	98	462321	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.64	95	151680	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
Target Compounds						
16) Acetone	4.16	43	6061	17.624	ug/l	Qvalue 96

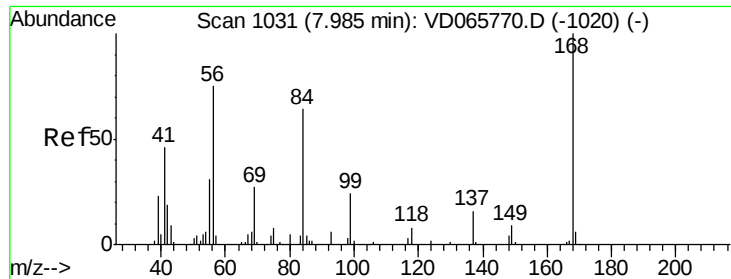
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065784.D

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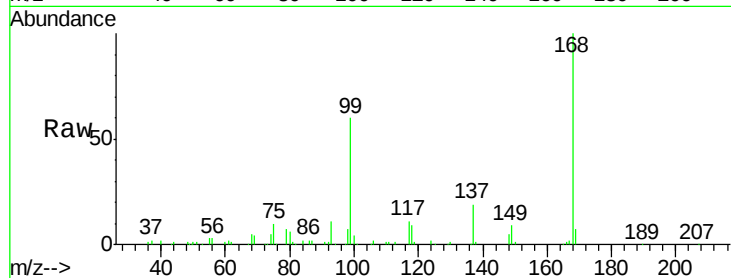
SPRE

Tot Ion:168 Resp: 184503

Ion Ratio Lower Upper

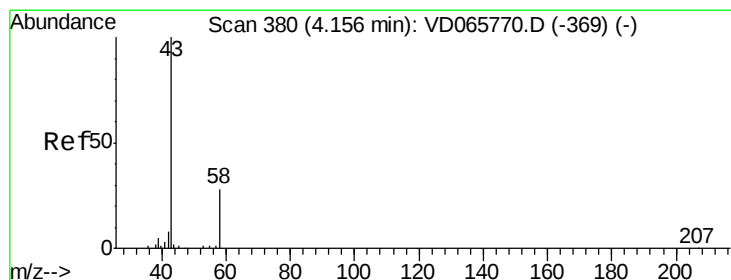
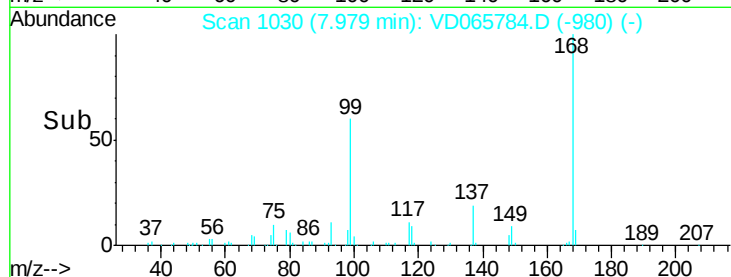
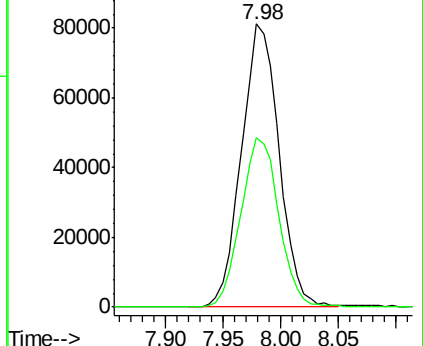
168 100

99 59.9 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: 17.624 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065784.D

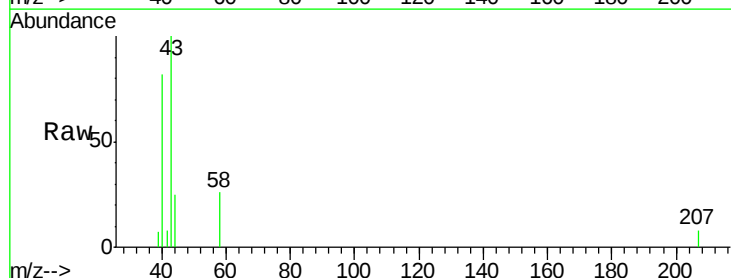
Acq: 08 Jun 2020 16:53

Tgt Ion: 43 Resp: 6061

Ion Ratio Lower Upper

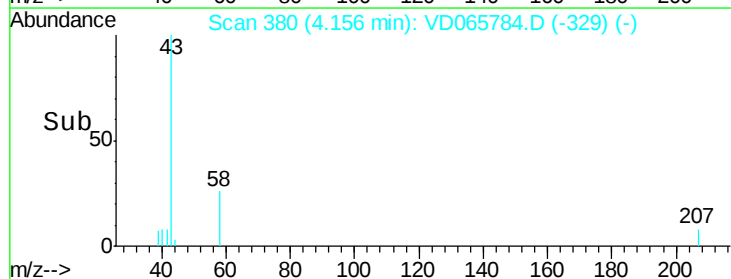
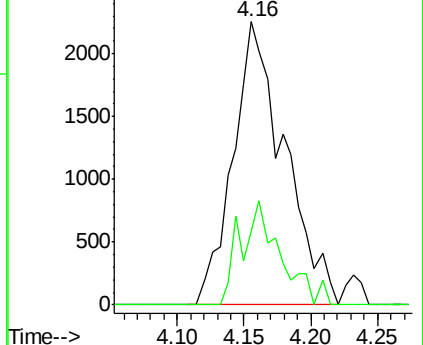
43 100

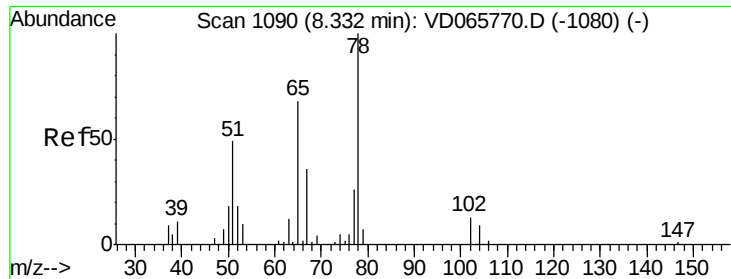
58 25.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

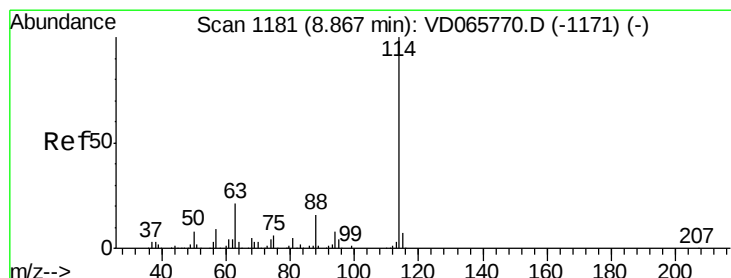
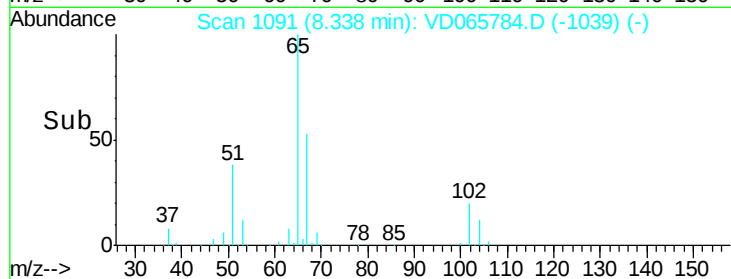
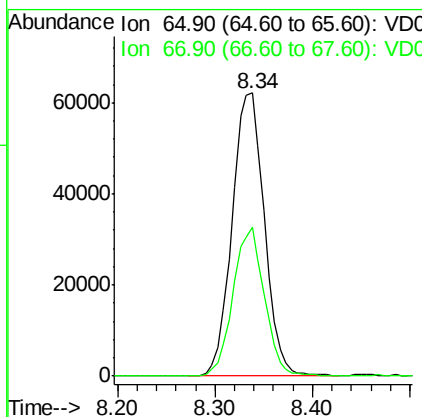
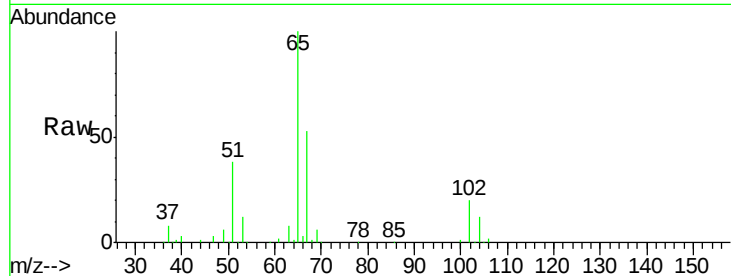




#33
 1,2-Dichloroethane-d4
 Concen: 78.485 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD065784.D
 Acq: 08 Jun 2020 16:53

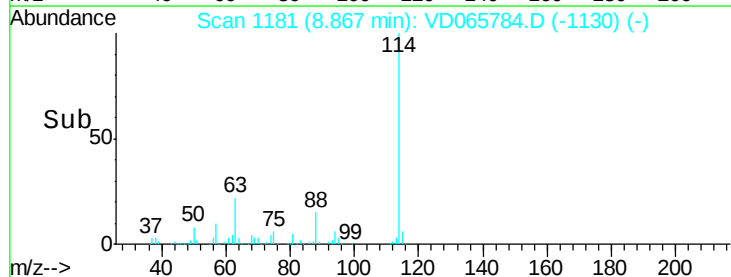
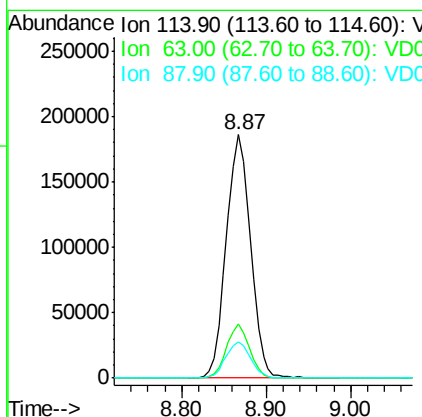
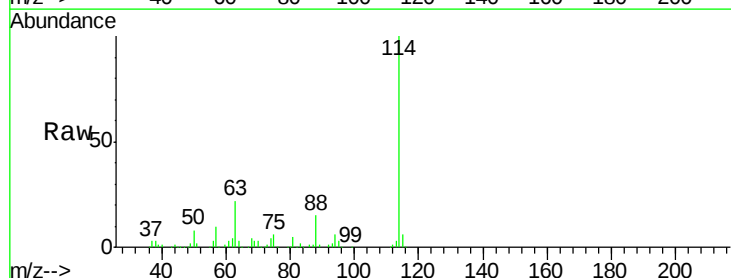
Instrument :
 MSVOA_D
 ClientSampleId :
 SPRE

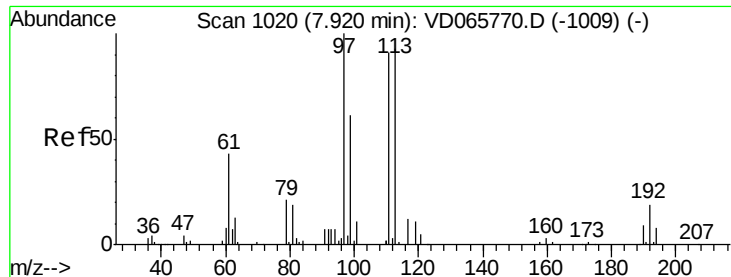
Tot Ion: 65 Resp: 143088
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065784.D
 Acq: 08 Jun 2020 16:53

Tgt Ion: 114 Resp: 370890
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 41.8
 88 14.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 54.959 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065784.D

Acq: 08 Jun 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

SPRE

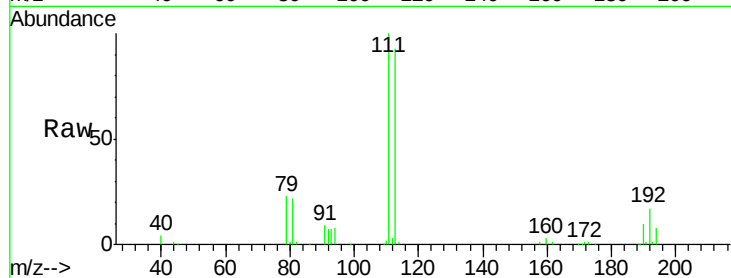
Tot Ion:113 Resp: 128757

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.0

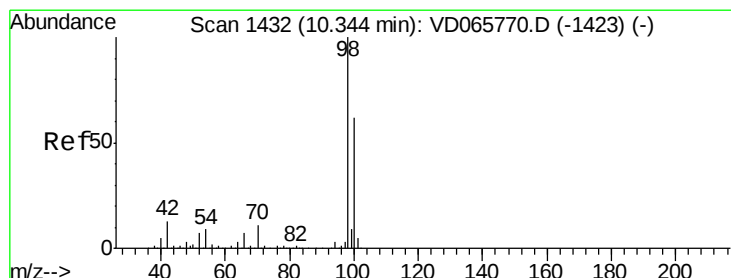
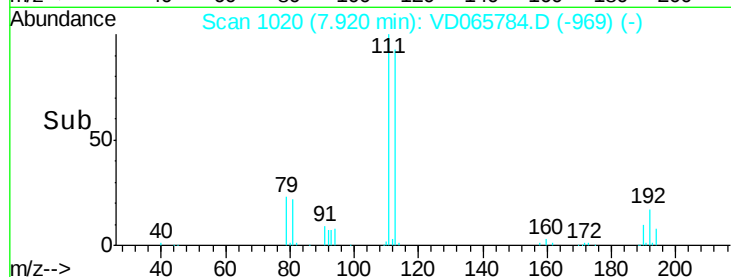
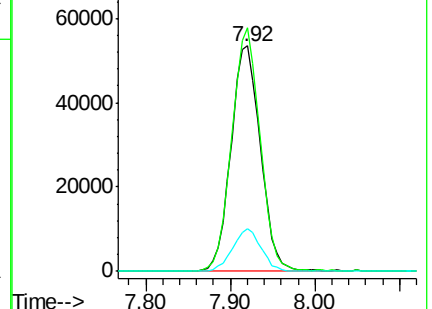
192 18.2 15.7 23.5



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: 52.922 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065784.D

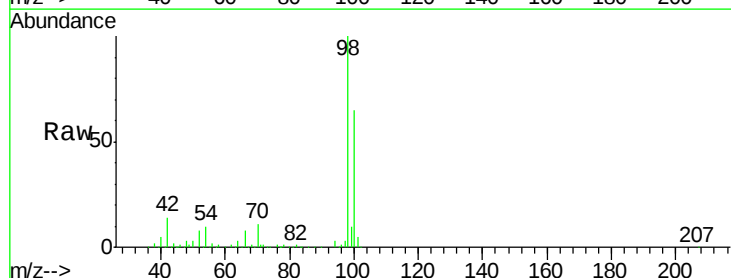
Acq: 08 Jun 2020 16:53

Tgt Ion: 98 Resp: 462321

Ion Ratio Lower Upper

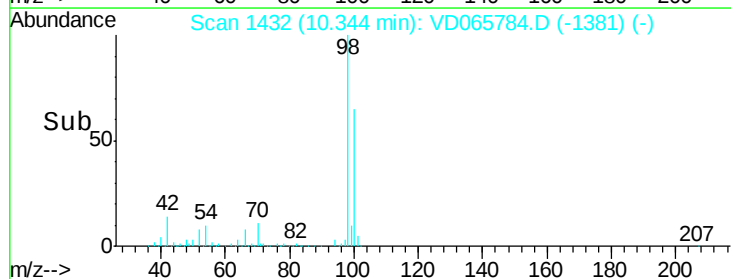
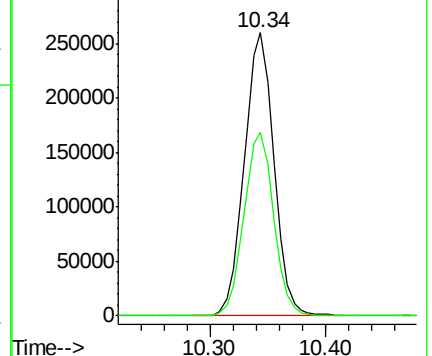
98 100

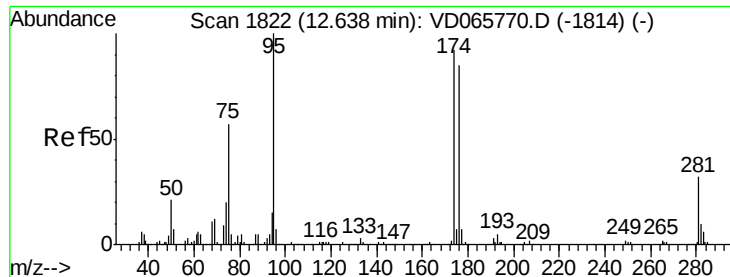
100 65.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.198 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065784.D

Acq: 08 Jun 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

SPRE

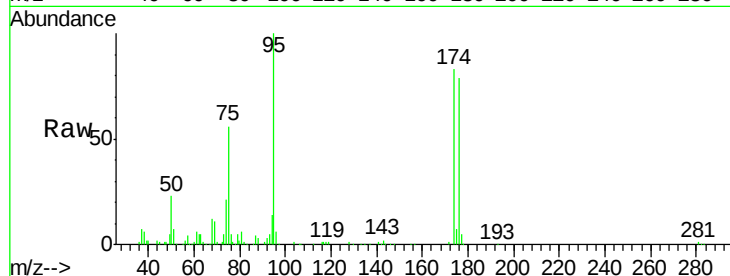
Tot Ion: 95 Resp: 151680

Ion Ratio Lower Upper

95 100

174 81.0 0.0 175.2

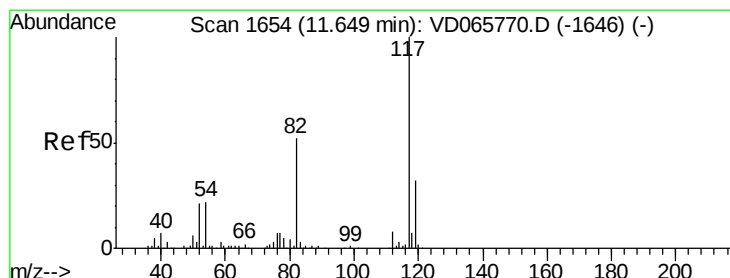
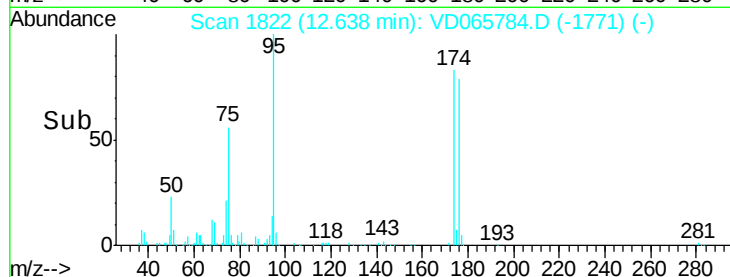
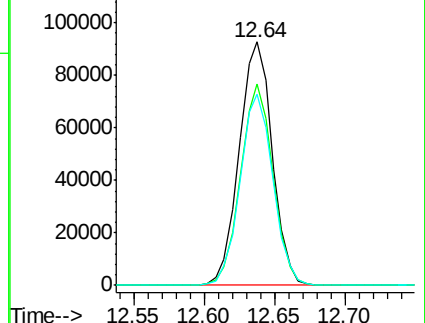
176 78.2 0.0 163.0



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065784.D

Acq: 08 Jun 2020 16:53

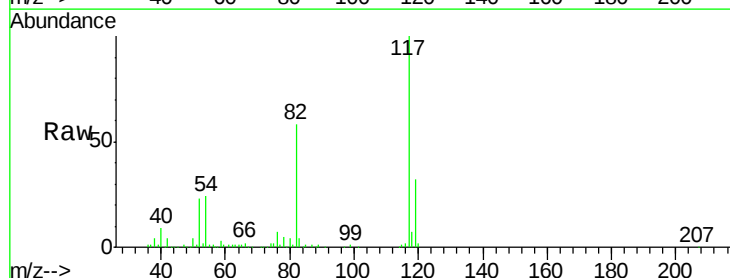
Tgt Ion: 117 Resp: 343746

Ion Ratio Lower Upper

117 100

82 57.9 41.9 62.9

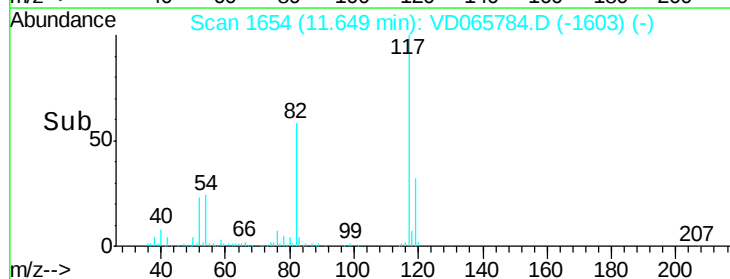
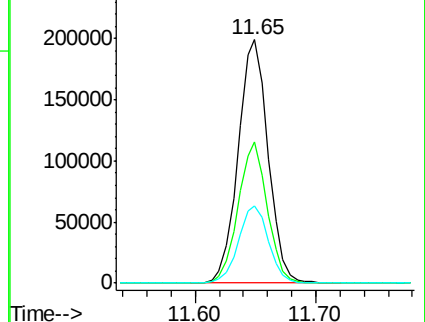
119 32.0 25.3 37.9

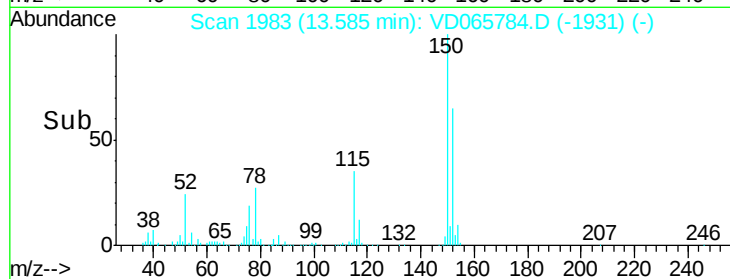
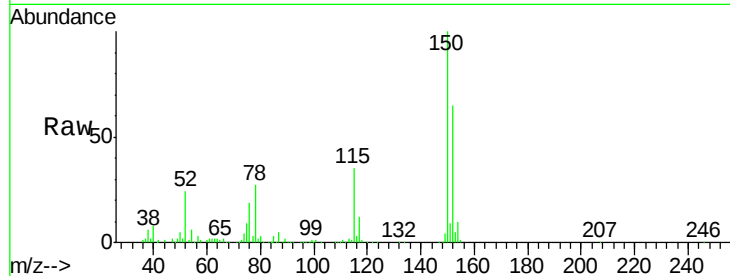
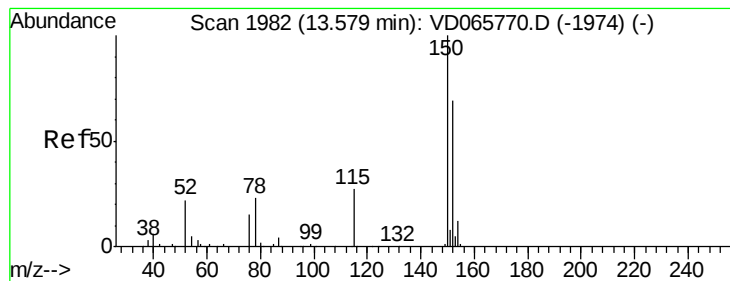


Abundance Ion 116.90 (116.60 to 117.60): VD065770.D (-1646) (-)

Ion 82.00 (81.70 to 82.70): VD065770.D (-1646) (-)

Ion 118.90 (118.60 to 119.60): VD065770.D (-1646) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD065784.D

Acq: 08 Jun 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

SPRE

Tot Ion:152 Resp: 160838

Ion Ratio Lower Upper

152 100

115 58.5 28.7 86.1

150 156.0 0.0 348.0

