

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061220\
 Data File : VD065792.D
 Acq On : 12 Jun 2020 13:17
 Operator : VA/SY
 Sample : L3001-01
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAD

Quant Time: Jun 13 03:20:13 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

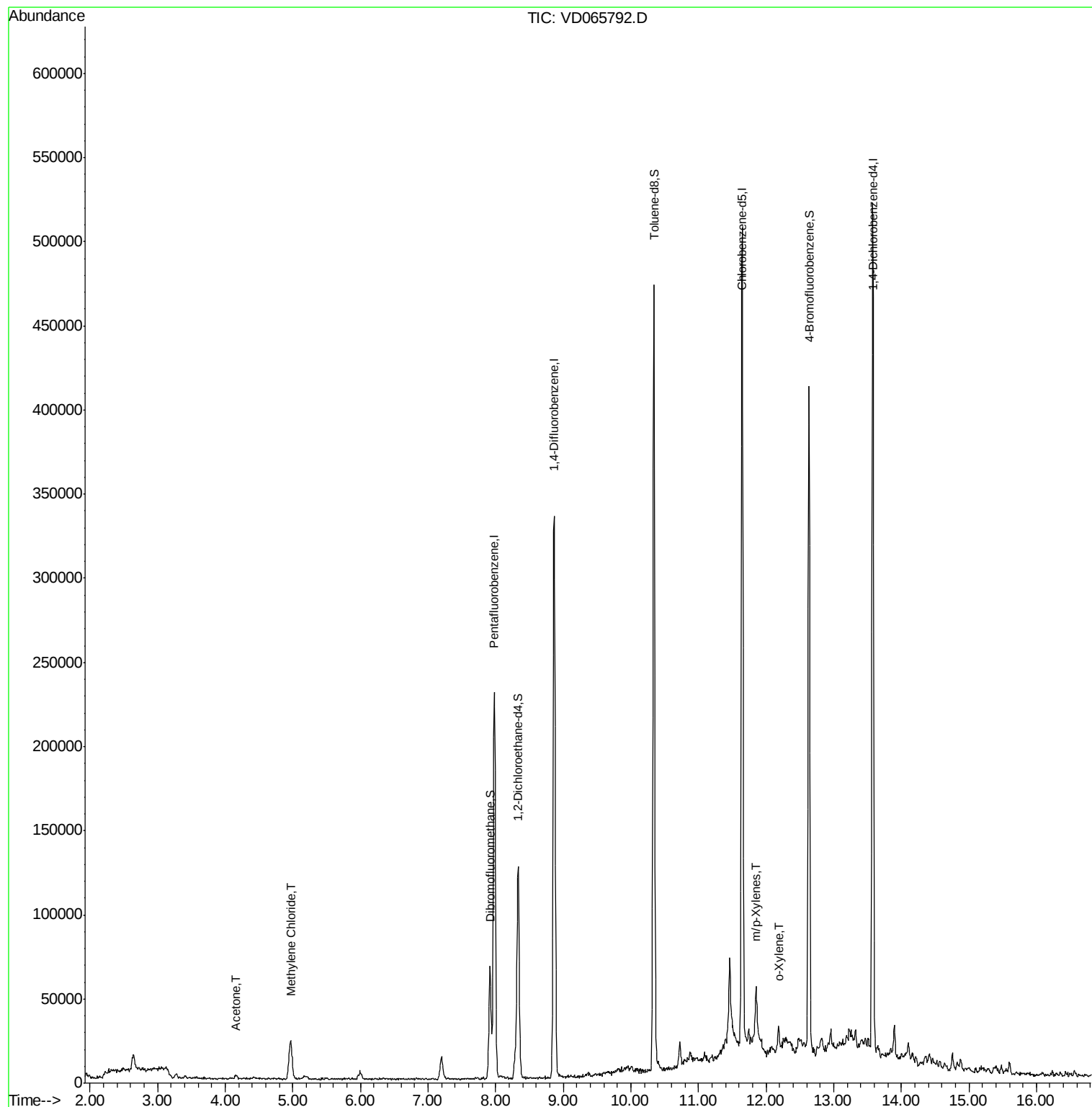
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	169749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	284207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	275576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	129118	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	102635	61.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.38%	
35) Dibromofluoromethane	7.91	113	45787	25.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.00%	
50) Toluene-d8	10.34	98	320184	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	12.64	95	115753	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
Target Compounds						
16) Acetone	4.16	43	3912	12.364	ug/l	98
20) Methylene Chloride	4.97	84	17252	6.386	ug/l	93
68) m/p-Xylenes	11.86	106	8833	2.386	ug/l	100
69) o-Xylene	12.18	106	4423	1.325	ug/l	90

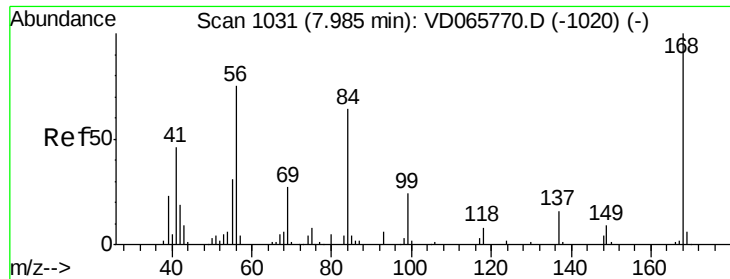
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061220\
Data File : VD065792.D
Acq On : 12 Jun 2020 13:17
Operator : VA/SY
Sample : L3001-01
Misc : 5.04G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
PAD

Quant Time: Jun 13 03:20:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065792.D

Acq: 12 Jun 2020 13:17

Instrument :

MSVOA_D

ClientSampleId :

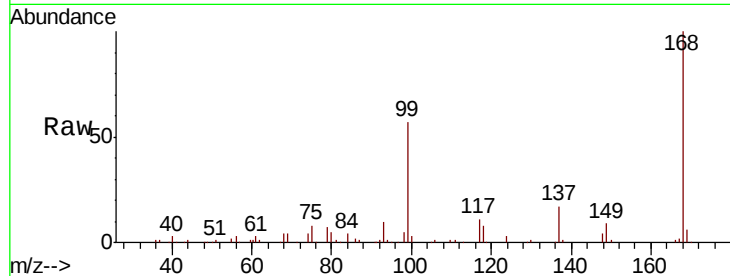
PAD

Tot Ion:168 Resp: 169749

Ion Ratio Lower Upper

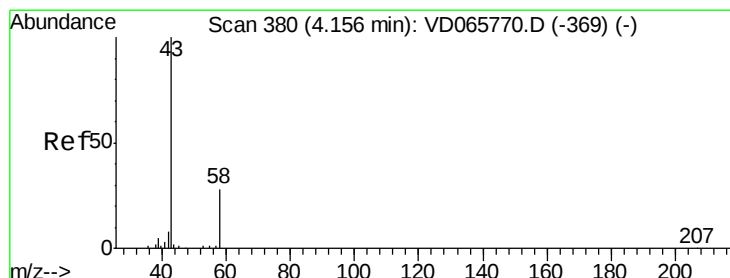
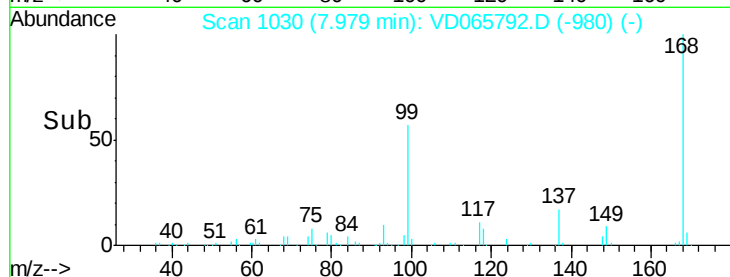
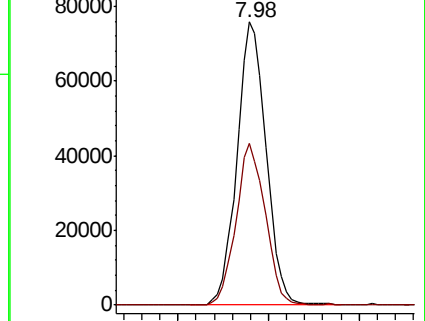
168 100

99 57.2 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: 12.364 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065792.D

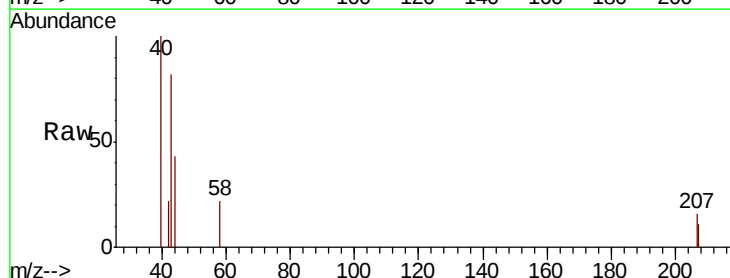
Acq: 12 Jun 2020 13:17

Tgt Ion: 43 Resp: 3912

Ion Ratio Lower Upper

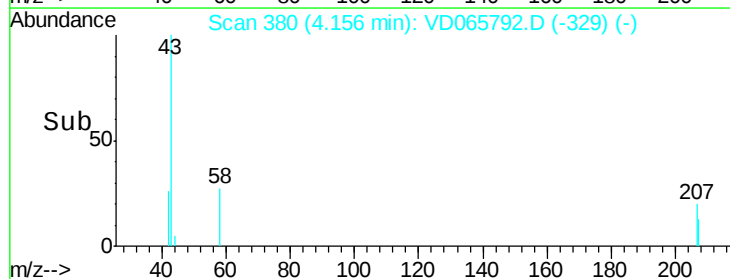
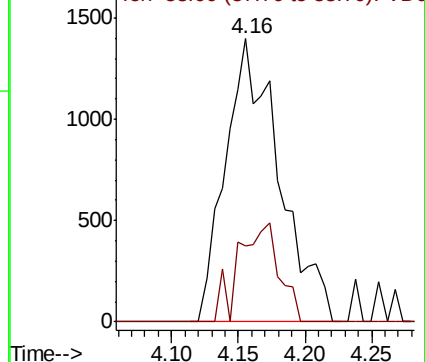
43 100

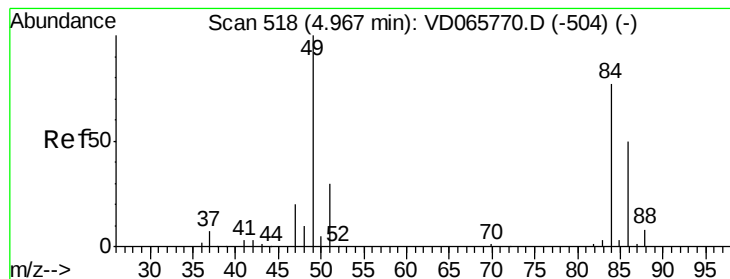
58 26.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#20

Methylene Chloride

Concen: 6.386 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD065792.D

Acq: 12 Jun 2020 13:17

Instrument :

MSVOA_D

ClientSampleId :

PAD

Tot Ion: 84 Resp: 17252

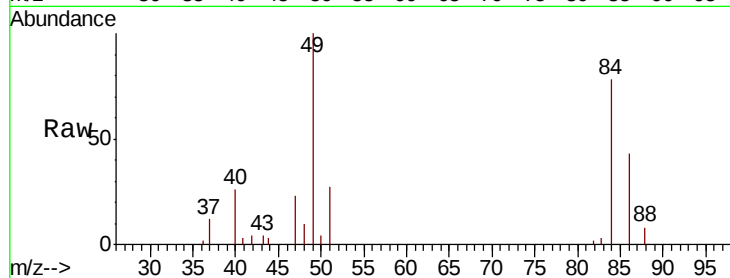
Ion Ratio Lower Upper

84 100

49 124.5 103.4 155.0

51 34.9 31.4 47.2

86 55.1 51.7 77.5

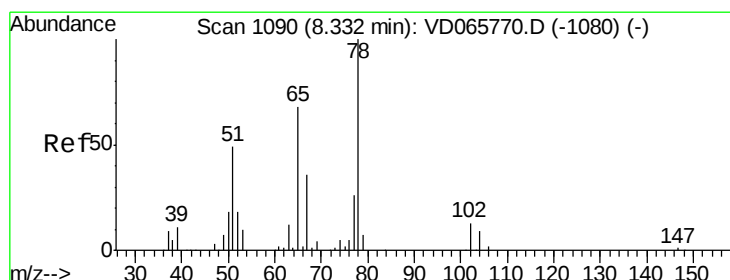
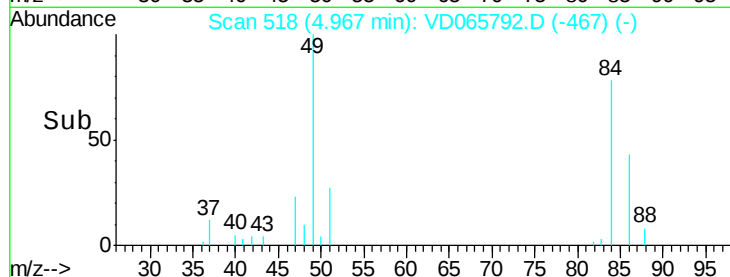
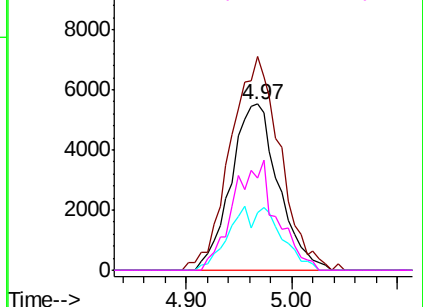


Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 61.189 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065792.D

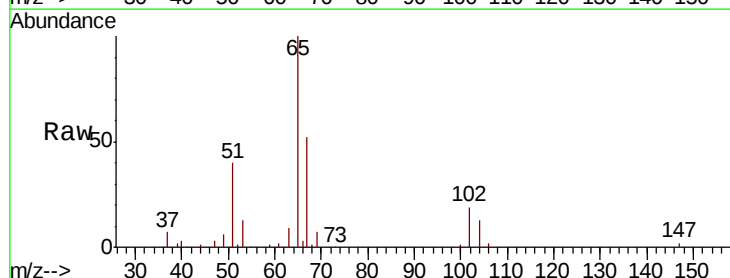
Acq: 12 Jun 2020 13:17

Tgt Ion: 65 Resp: 102635

Ion Ratio Lower Upper

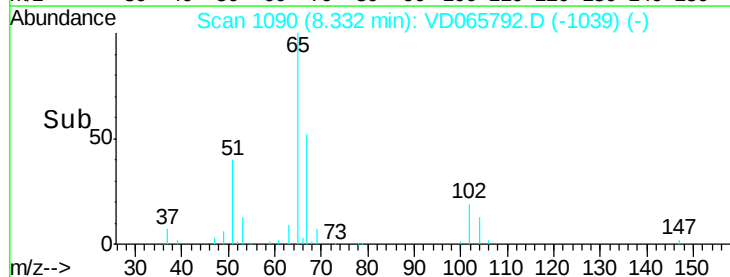
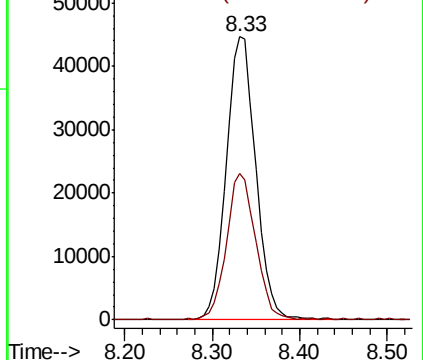
65 100

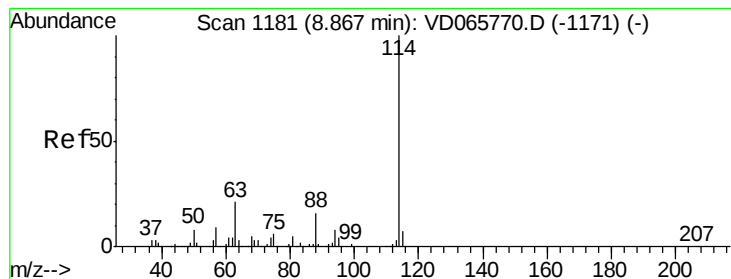
67 51.1 0.0 103.6



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: VD065792.D

Acq: 12 Jun 2020 13:17

Instrument :

MSVOA_D

ClientSampleId :

PAD

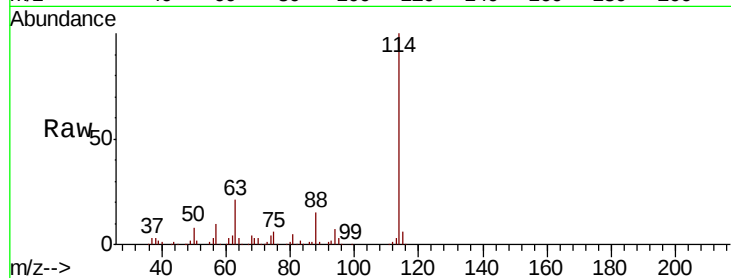
Tot Ion:114 Resp: 284207

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.8

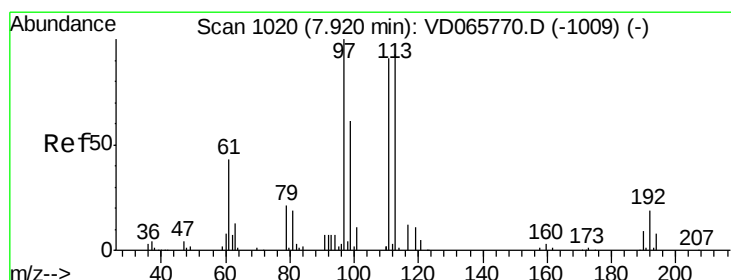
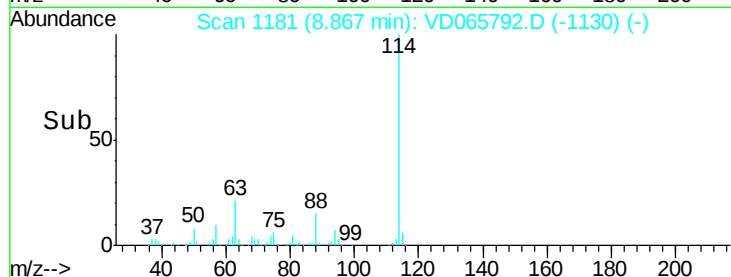
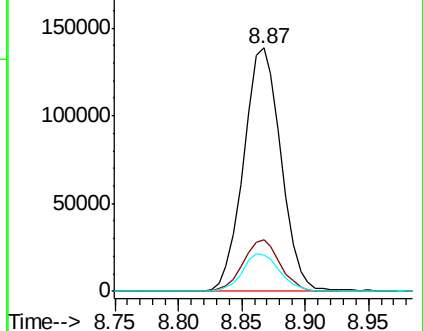
88 14.8 0.0 32.0



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: 25.505 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065792.D

Acq: 12 Jun 2020 13:17

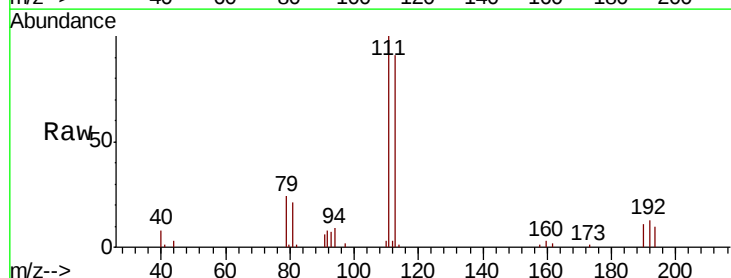
Tgt Ion:113 Resp: 45787

Ion Ratio Lower Upper

113 100

111 106.0 83.4 125.0

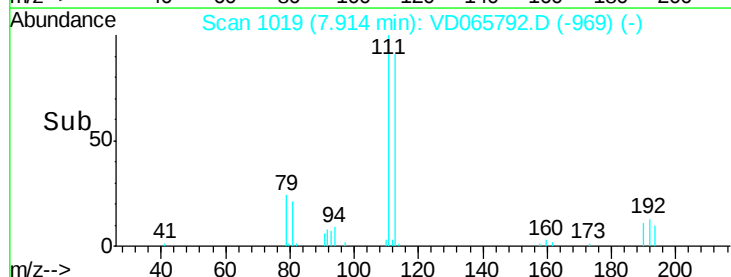
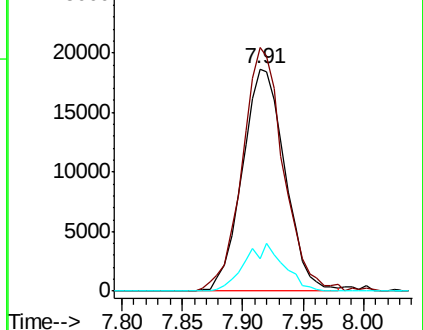
192 19.7 15.7 23.5

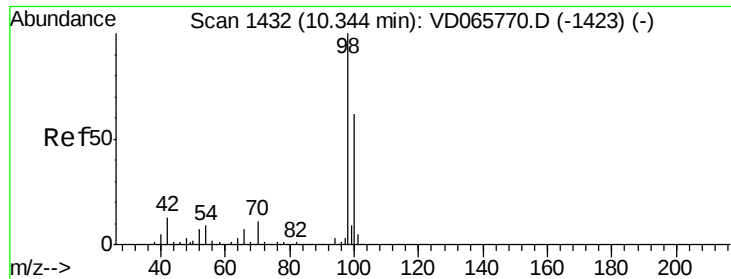


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.830 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065792.D

Acq: 12 Jun 2020 13:17

Instrument :

MSVOA_D

ClientSampleId :

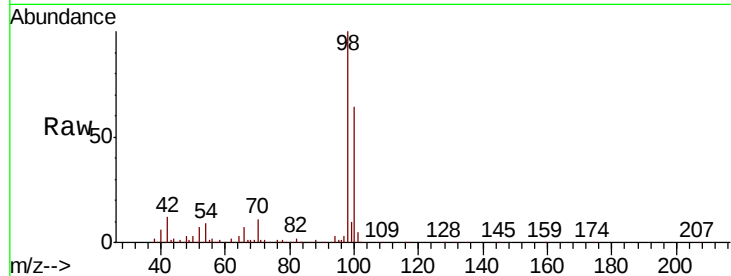
PAD

Tot Ion: 98 Resp: 320184

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

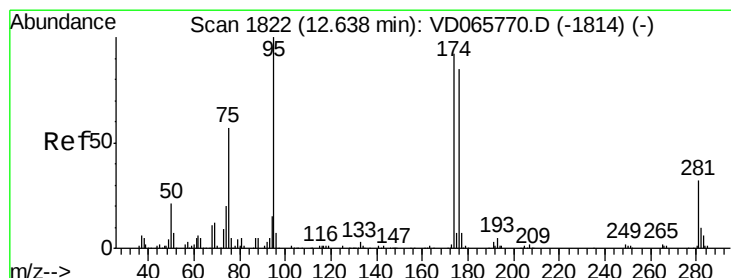
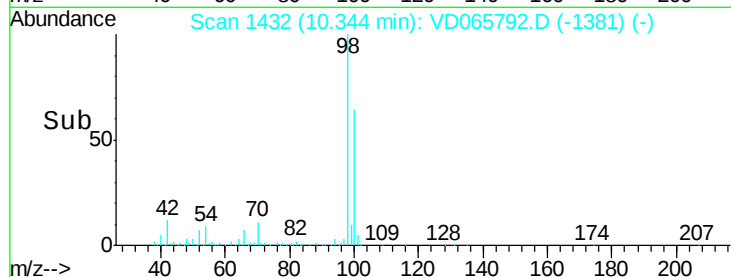
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 50.987 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065792.D

Acq: 12 Jun 2020 13:17

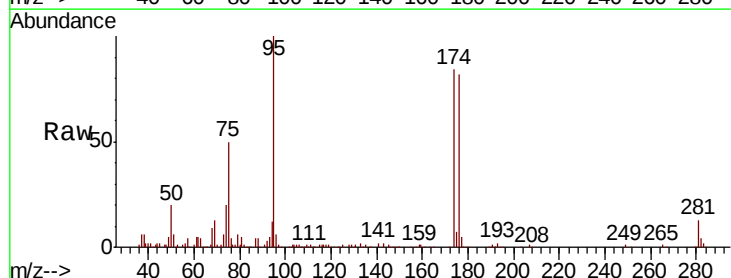
Tgt Ion: 95 Resp: 115753

Ion Ratio Lower Upper

95 100

174 85.2 0.0 175.2

176 79.0 0.0 163.0



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

100000

80000

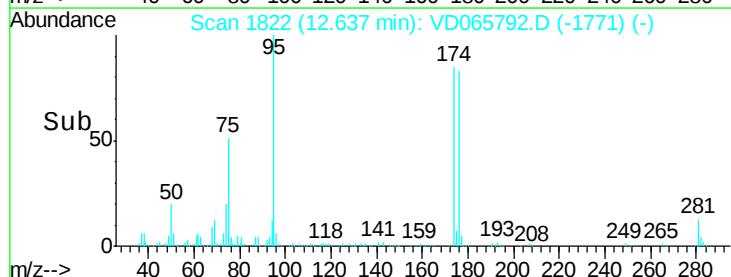
60000

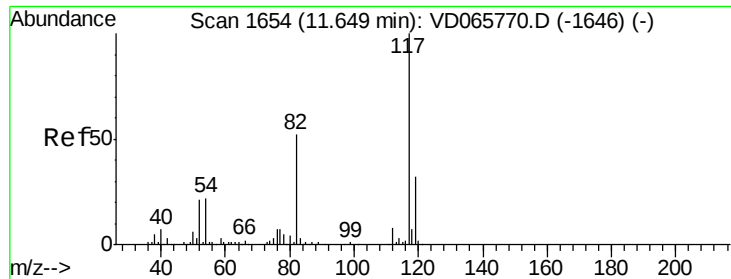
40000

20000

0

Time--> 12.60 12.70

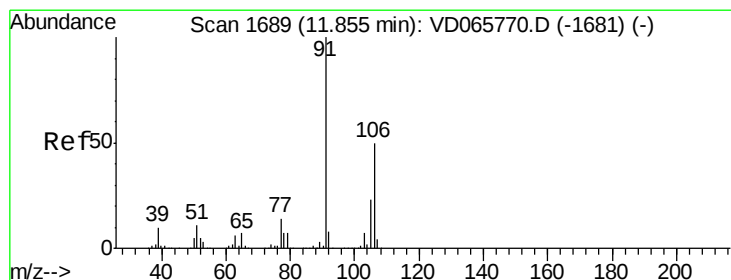
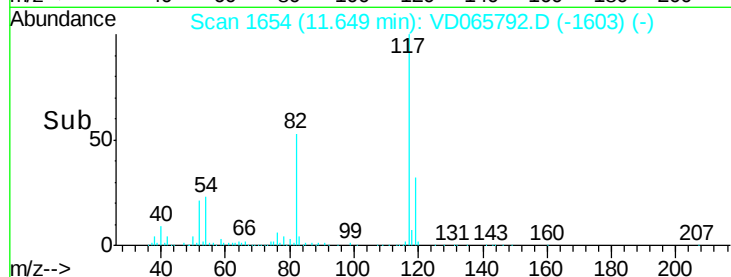
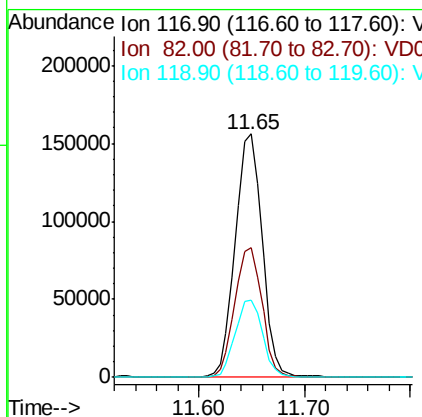
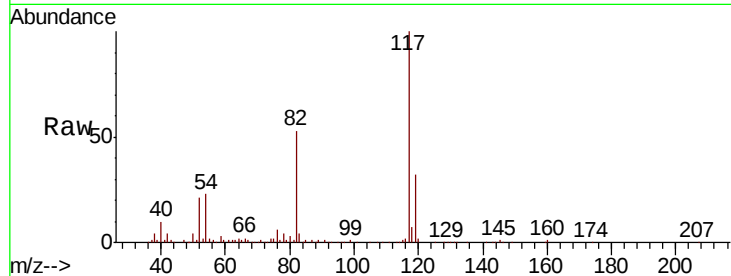




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065792.D
Acq: 12 Jun 2020 13:17

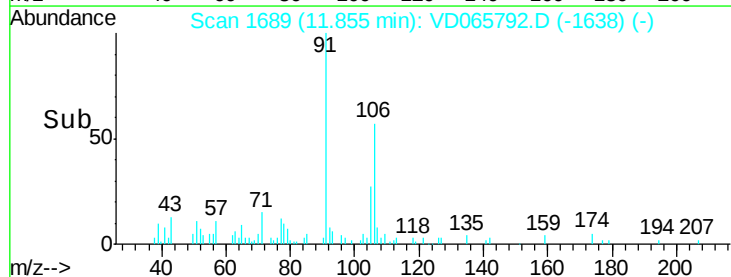
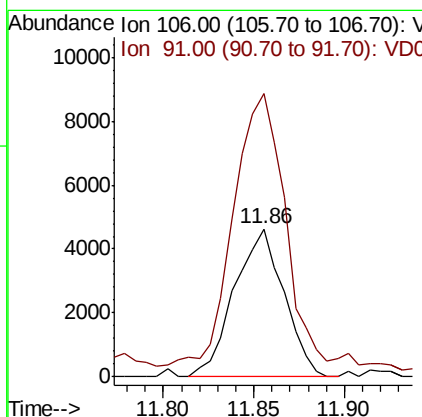
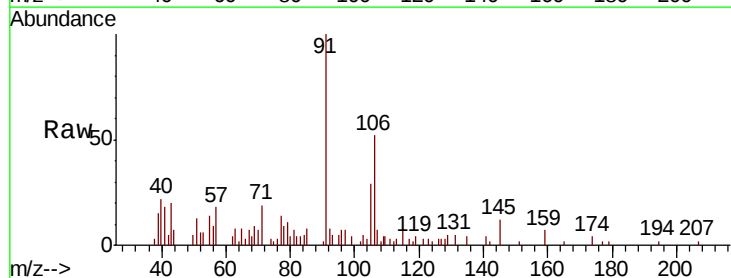
Instrument :
MSVOA_D
ClientSampleId :
PAD

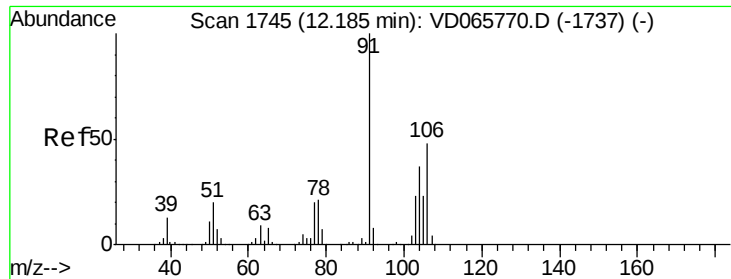
Tot Ion:117 Resp: 275576
Ion Ratio Lower Upper
117 100
82 53.3 41.9 62.9
119 31.8 25.3 37.9



#68
m/p-Xylenes
Concen: 2.386 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065792.D
Acq: 12 Jun 2020 13:17

Tgt Ion:106 Resp: 8833
Ion Ratio Lower Upper
106 100
91 198.8 159.4 239.2

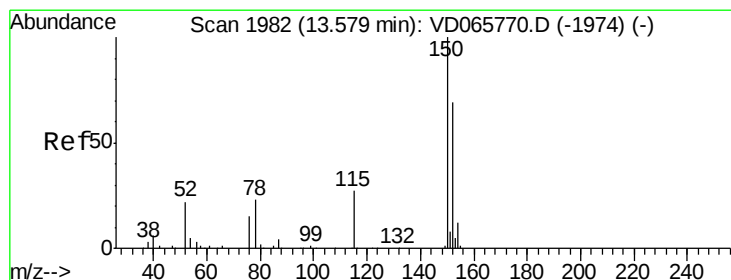
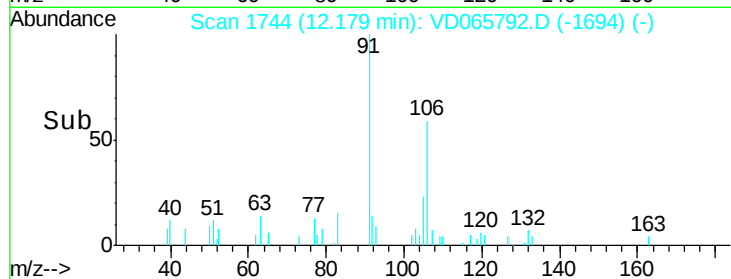
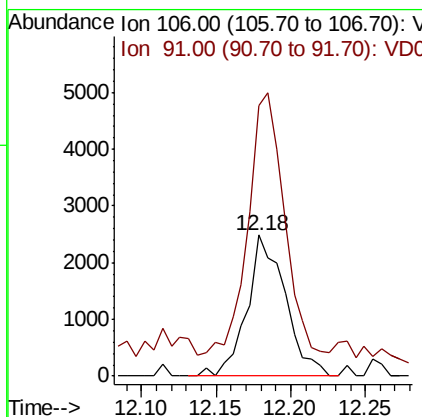
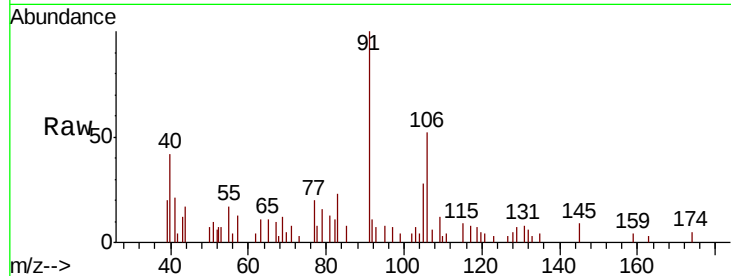




#69
o-Xylene
Concen: 1.325 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.01 min
Lab File: VD065792.D
Acq: 12 Jun 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
PAD

Tot Ion:106 Resp: 4423
Ion Ratio Lower Upper
106 100
91 195.0 105.3 315.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065792.D
Acq: 12 Jun 2020 13:17

Tgt Ion:152 Resp: 129118
Ion Ratio Lower Upper
152 100
115 56.5 28.7 86.1
150 154.0 0.0 348.0

