

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061220\
 Data File : VD065794.D
 Acq On : 12 Jun 2020 14:13
 Operator : VA/SY
 Sample : L3001-01
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAD

Quant Time: Jun 13 03:18:38 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

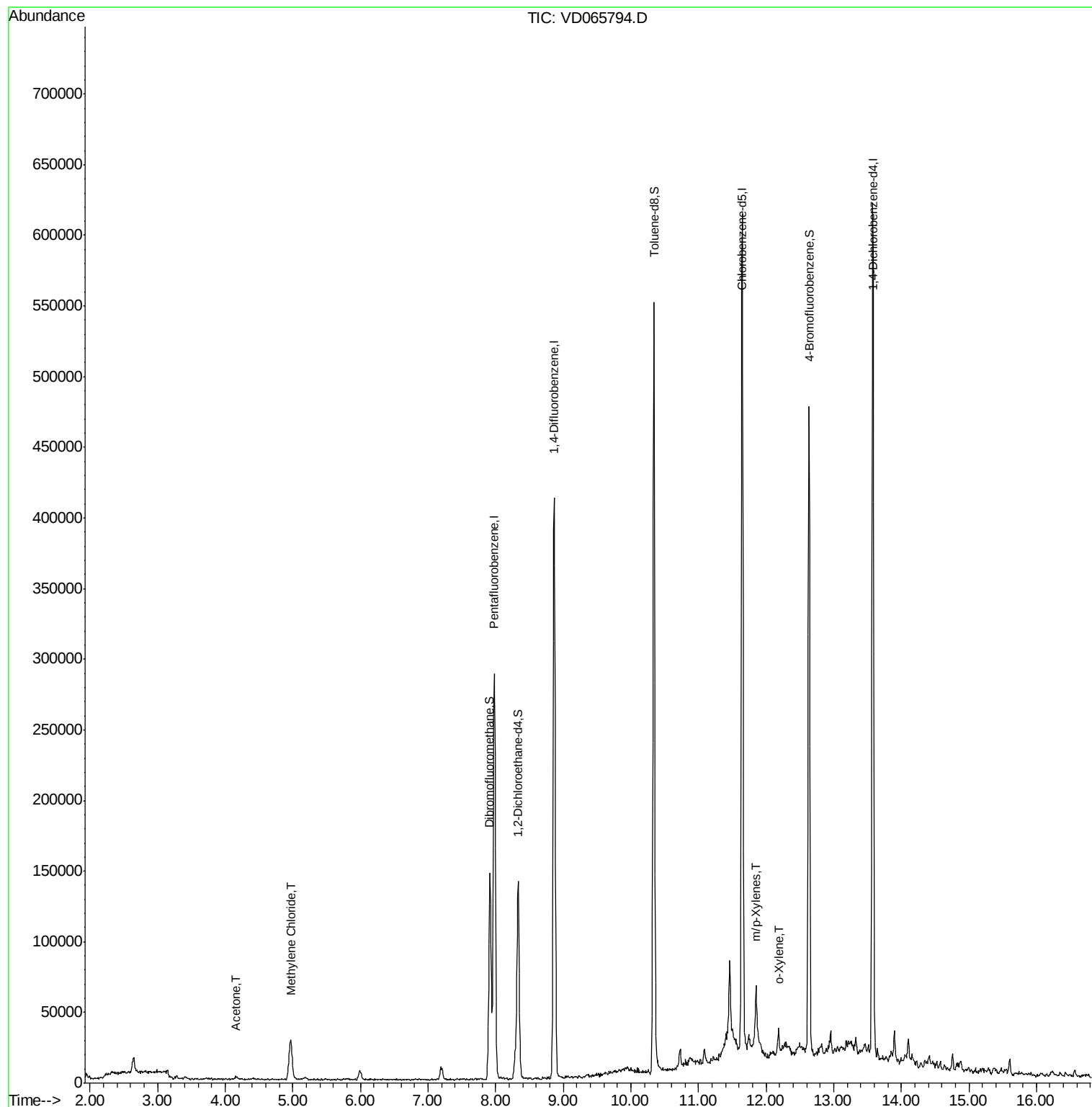
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	218304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	353692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	328832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	157431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	113120	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
35) Dibromofluoromethane	7.91	113	102929	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
50) Toluene-d8	10.34	98	367486	44.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.22%	
62) 4-Bromofluorobenzene	12.64	95	130612	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
Target Compounds						
16) Acetone	4.16	43	3480	8.552	ug/l #	73
20) Methylene Chloride	4.97	84	21936	6.259	ug/l	94
68) m/p-Xylenes	11.85	106	10666	2.415	ug/l	91
69) o-Xylene	12.18	106	4589	1.152	ug/l	83

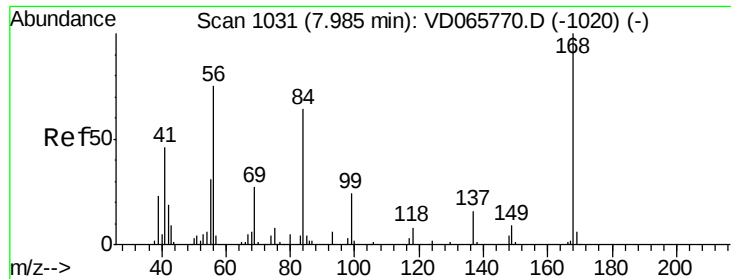
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061220\
Data File : VD065794.D
Acq On : 12 Jun 2020 14:13
Operator : VA/SY
Sample : L3001-01
Misc : 5.01G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
PAD

Quant Time: Jun 13 03:18:38 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: VD065794.D

Acq: 12 Jun 2020 14:13

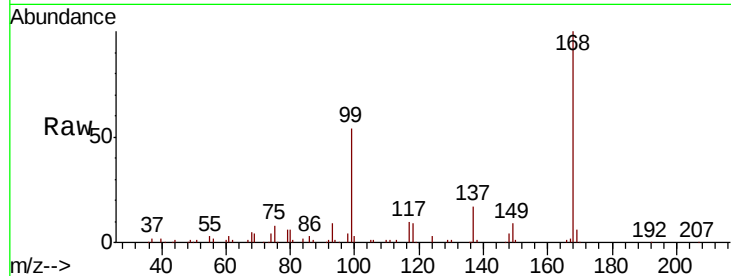
Instrument :
MSVOA_D
ClientSampleId :
PAD

Tot Ion:168 Resp: 218304

Ion Ratio Lower Upper

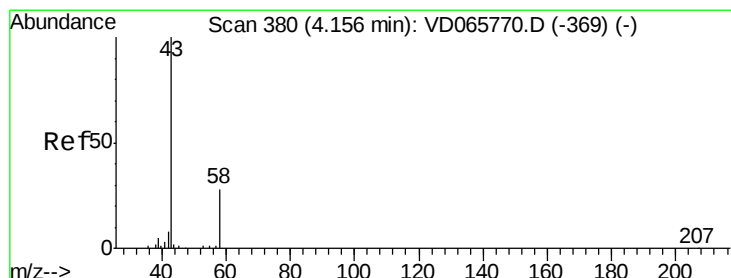
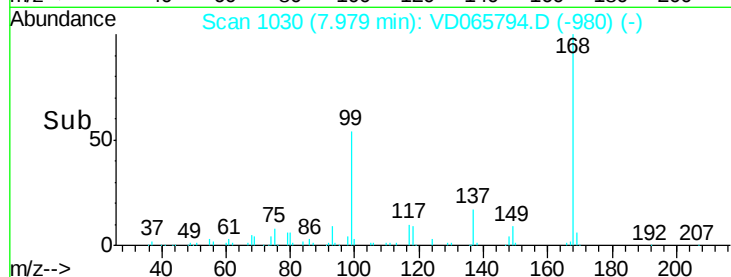
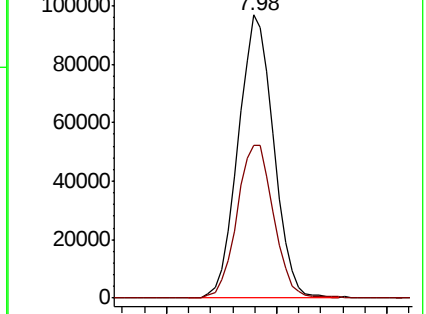
168 100

99 53.9 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: 8.552 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065794.D

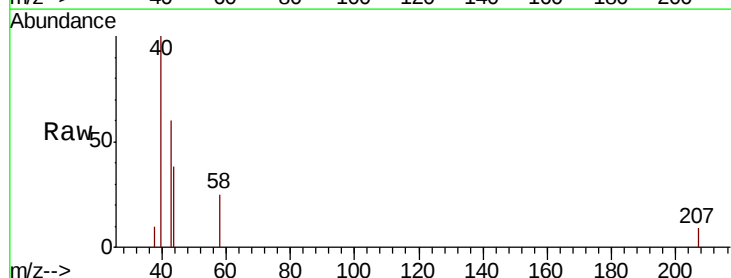
Acq: 12 Jun 2020 14:13

Tgt Ion: 43 Resp: 3480

Ion Ratio Lower Upper

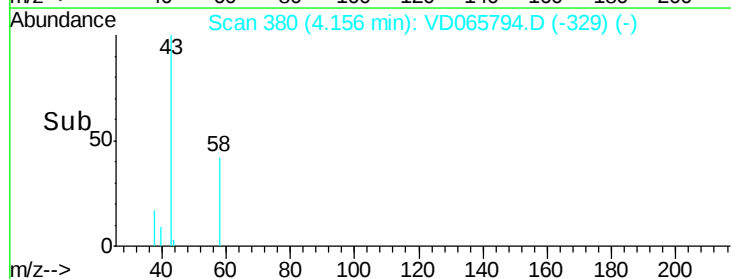
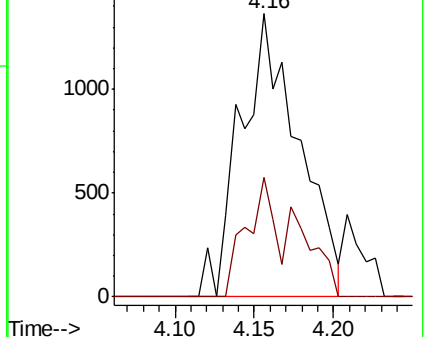
43 100

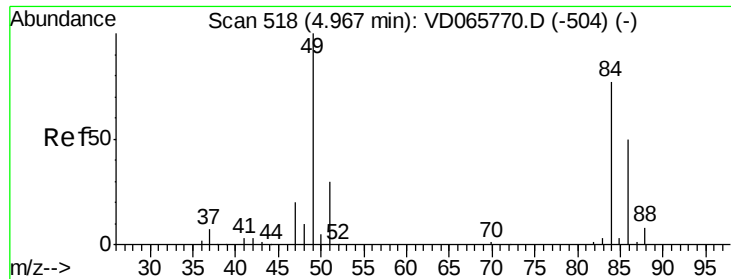
58 42.3 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

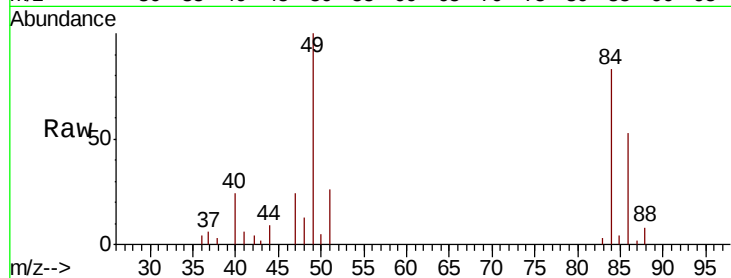




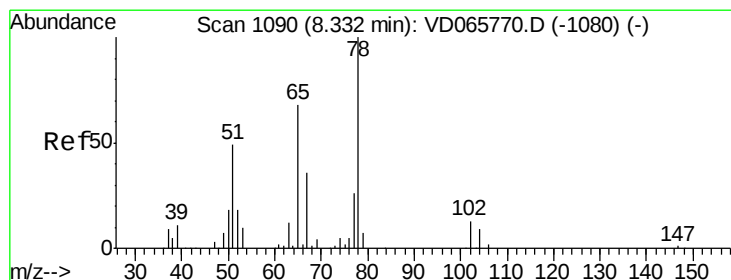
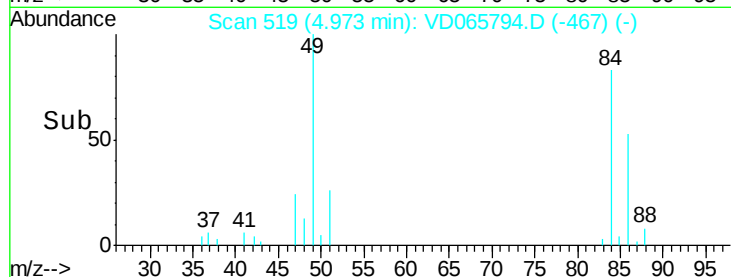
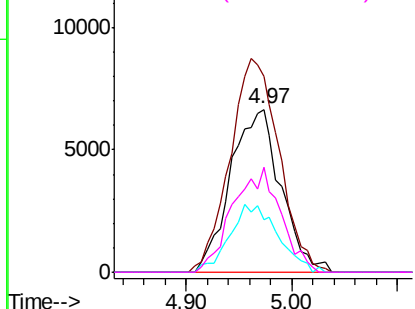
#20
Methylene Chloride
Concen: 6.259 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065794.D
Acq: 12 Jun 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
PAD

Tot Ion: 84 Resp: 21936
Ion Ratio Lower Upper
84 100
49 120.5 103.4 155.0
51 31.9 31.4 47.2
86 64.4 51.7 77.5

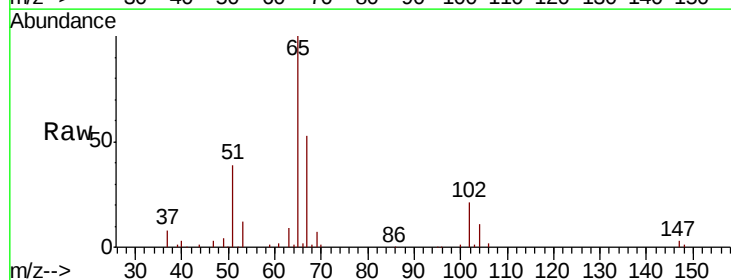


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

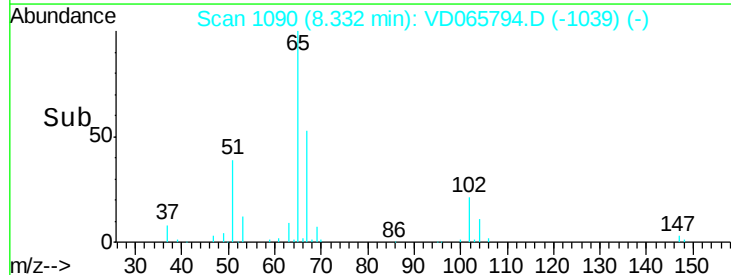
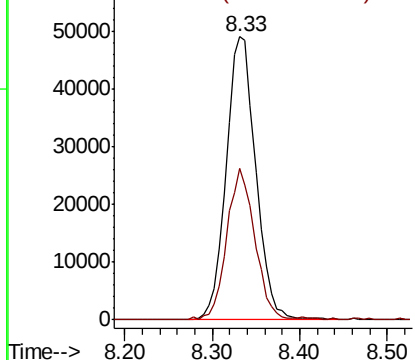


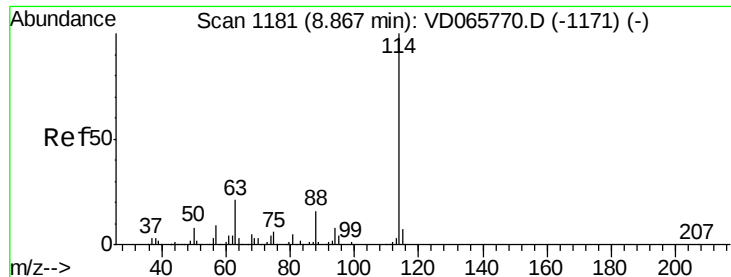
#33
1,2-Dichloroethane-d4
Concen: 52.440 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD065794.D
Acq: 12 Jun 2020 14:13

Tgt Ion: 65 Resp: 113120
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

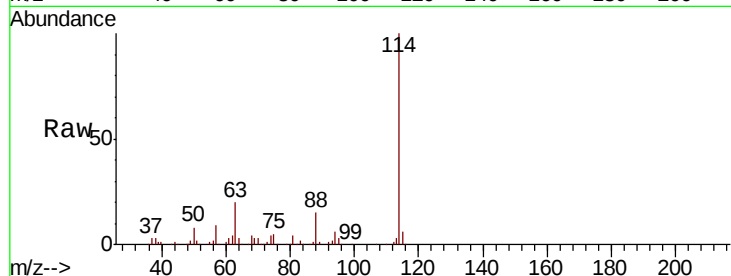




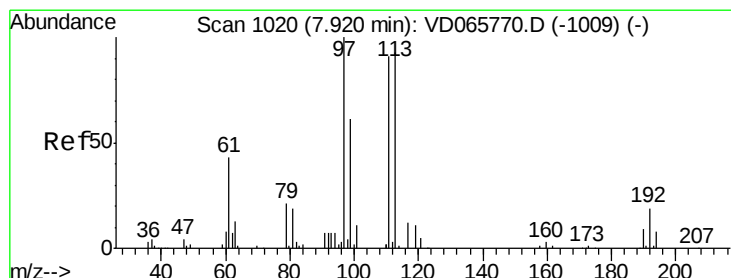
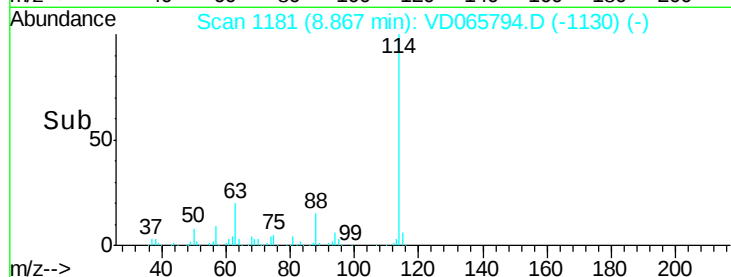
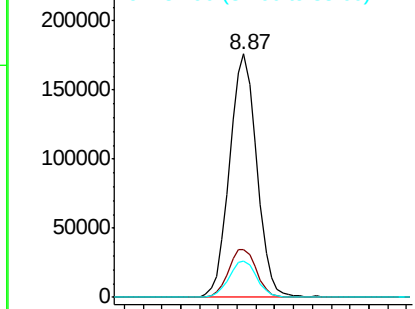
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065794.D
 Acq: 12 Jun 2020 14:13

Instrument :
 MSVOA_D
 ClientSampleId :
 PAD

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.8
88	15.1	0.0	32.0

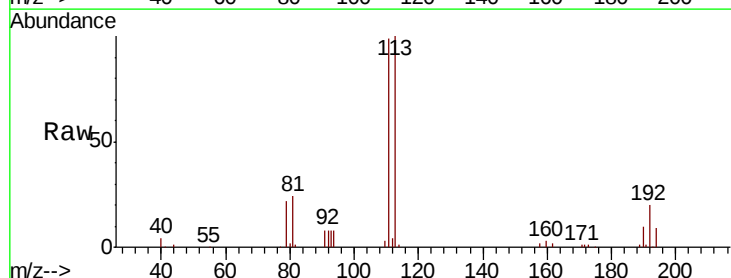


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

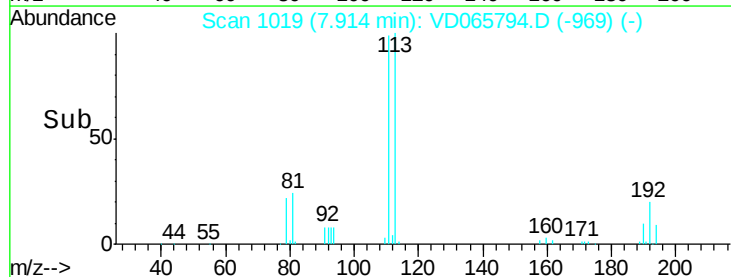
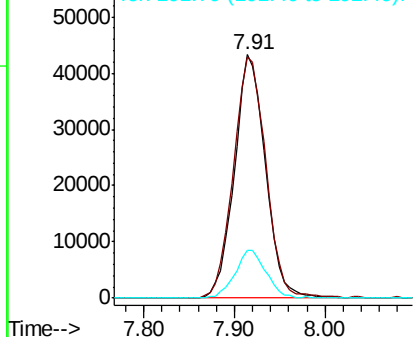


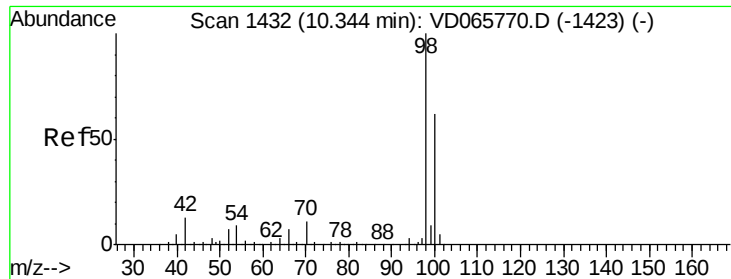
#35
 Dibromofluoromethane
 Concen: 46.071 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065794.D
 Acq: 12 Jun 2020 14:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.4	125.0
192	19.6	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: 44.112 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065794.D

Acq: 12 Jun 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

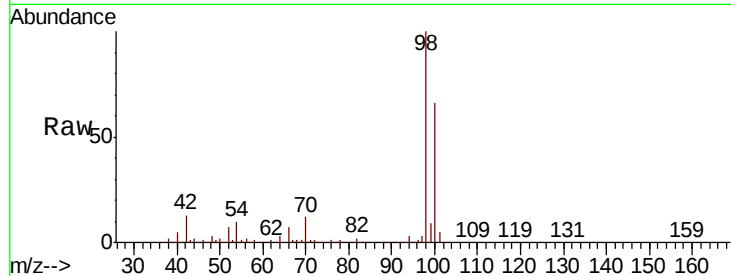
PAD

Tot Ion: 98 Resp: 367486

Ion Ratio Lower Upper

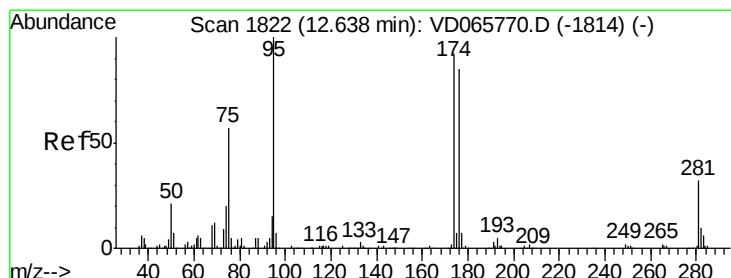
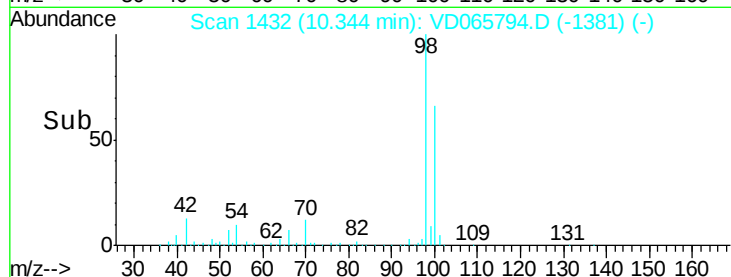
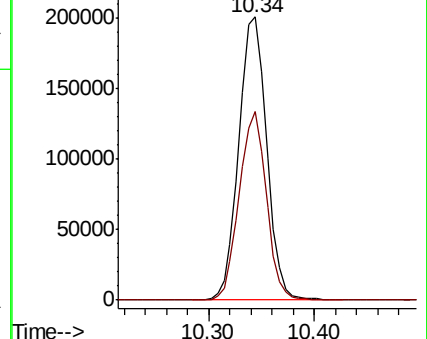
98 100

100 64.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 46.230 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065794.D

Acq: 12 Jun 2020 14:13

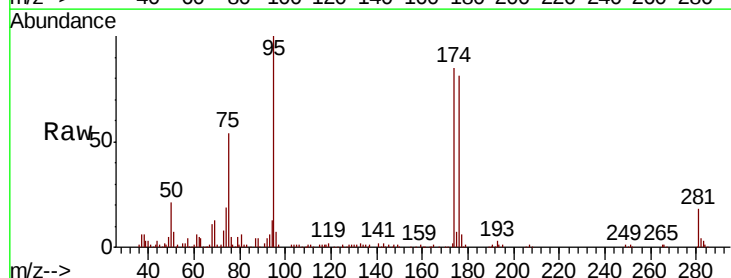
Tgt Ion: 95 Resp: 130612

Ion Ratio Lower Upper

95 100

174 83.6 0.0 175.2

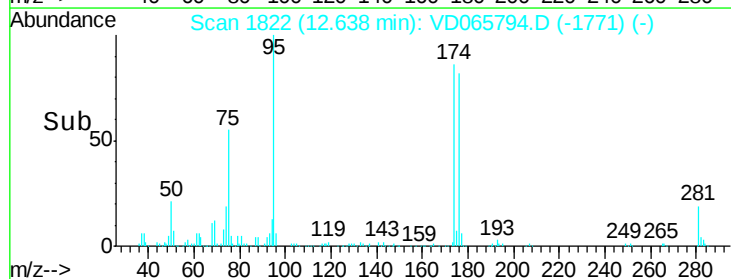
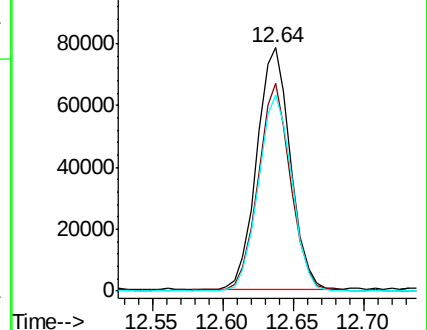
176 80.7 0.0 163.0

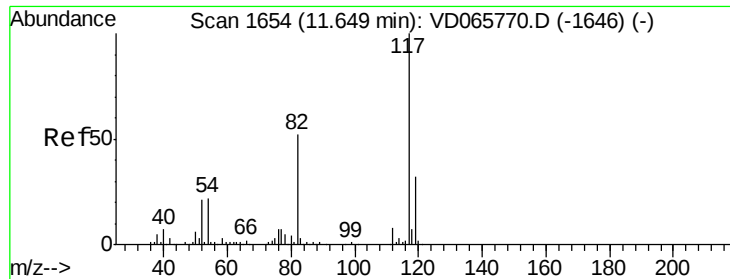


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

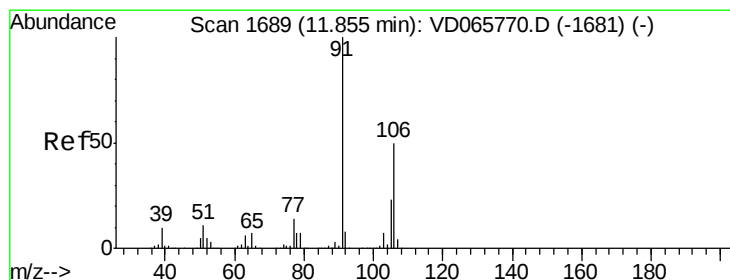
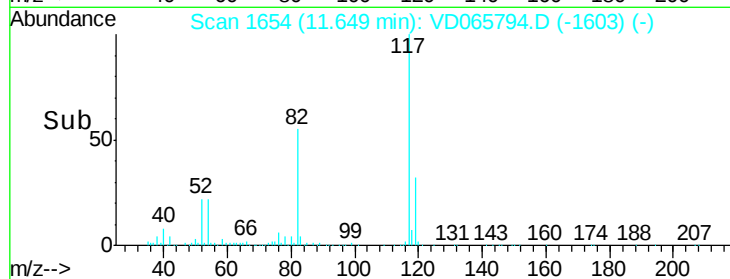
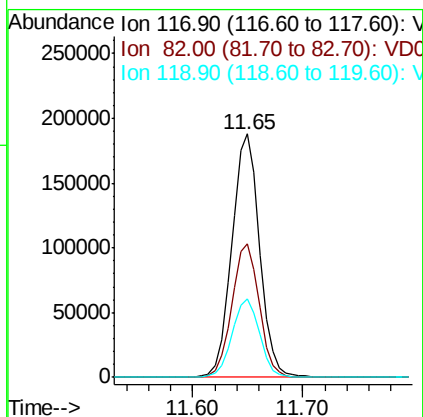
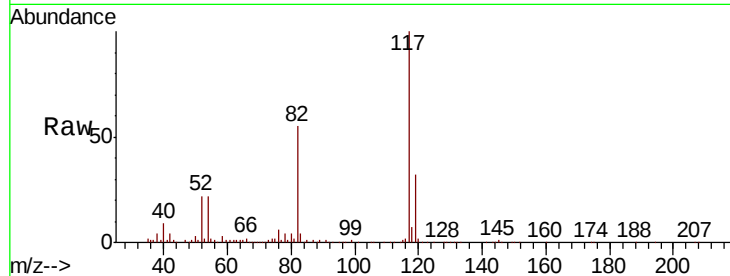




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065794.D
Acq: 12 Jun 2020 14:13

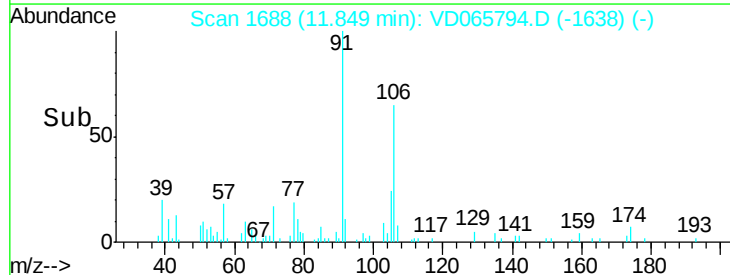
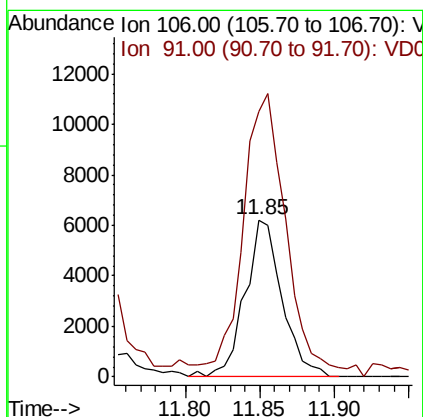
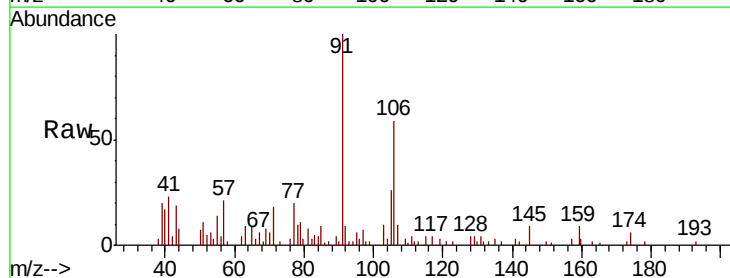
Instrument :
MSVOA_D
ClientSampleId :
PAD

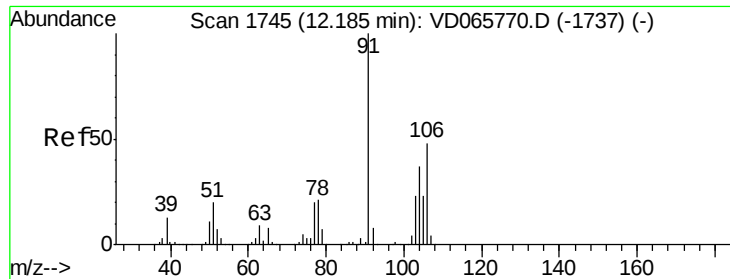
Tot Ion:117 Resp: 328832
Ion Ratio Lower Upper
117 100
82 55.0 41.9 62.9
119 32.2 25.3 37.9



#68
m/p-Xylenes
Concen: 2.415 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD065794.D
Acq: 12 Jun 2020 14:13

Tgt Ion:106 Resp: 10666
Ion Ratio Lower Upper
106 100
91 212.4 159.4 239.2

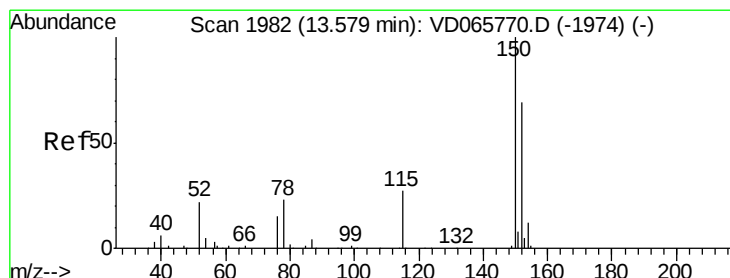
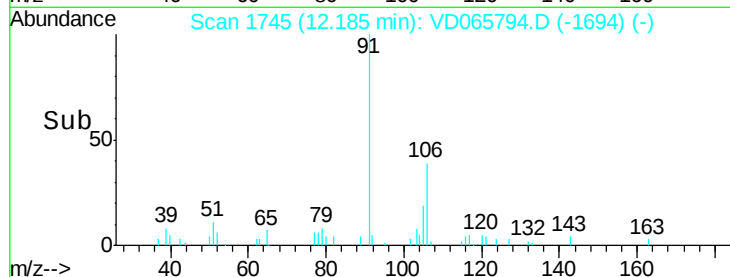
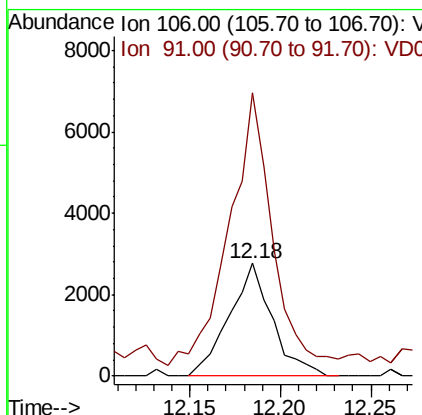
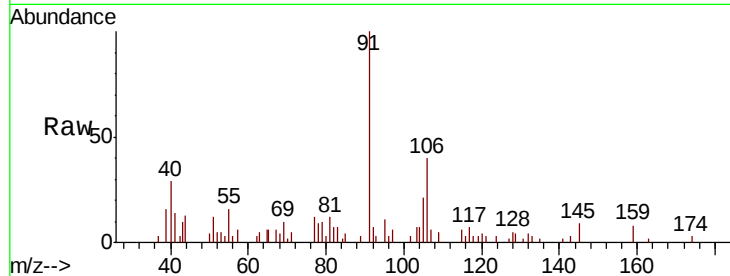




#69
o-Xylene
Concen: 1.152 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065794.D
Acq: 12 Jun 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
PAD

Tot Ion:106 Resp: 4589
Ion Ratio Lower Upper
106 100
91 236.9 105.3 315.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065794.D
Acq: 12 Jun 2020 14:13

Tgt Ion:152 Resp: 157431
Ion Ratio Lower Upper
152 100
115 59.3 28.7 86.1
150 153.3 0.0 348.0

