

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
 Data File : VD065779.D
 Acq On : 08 Jun 2020 14:36
 Operator : VA/SY
 Sample : L2924-01
 Misc : 5.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP

Quant Time: Jun 09 07:02:20 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

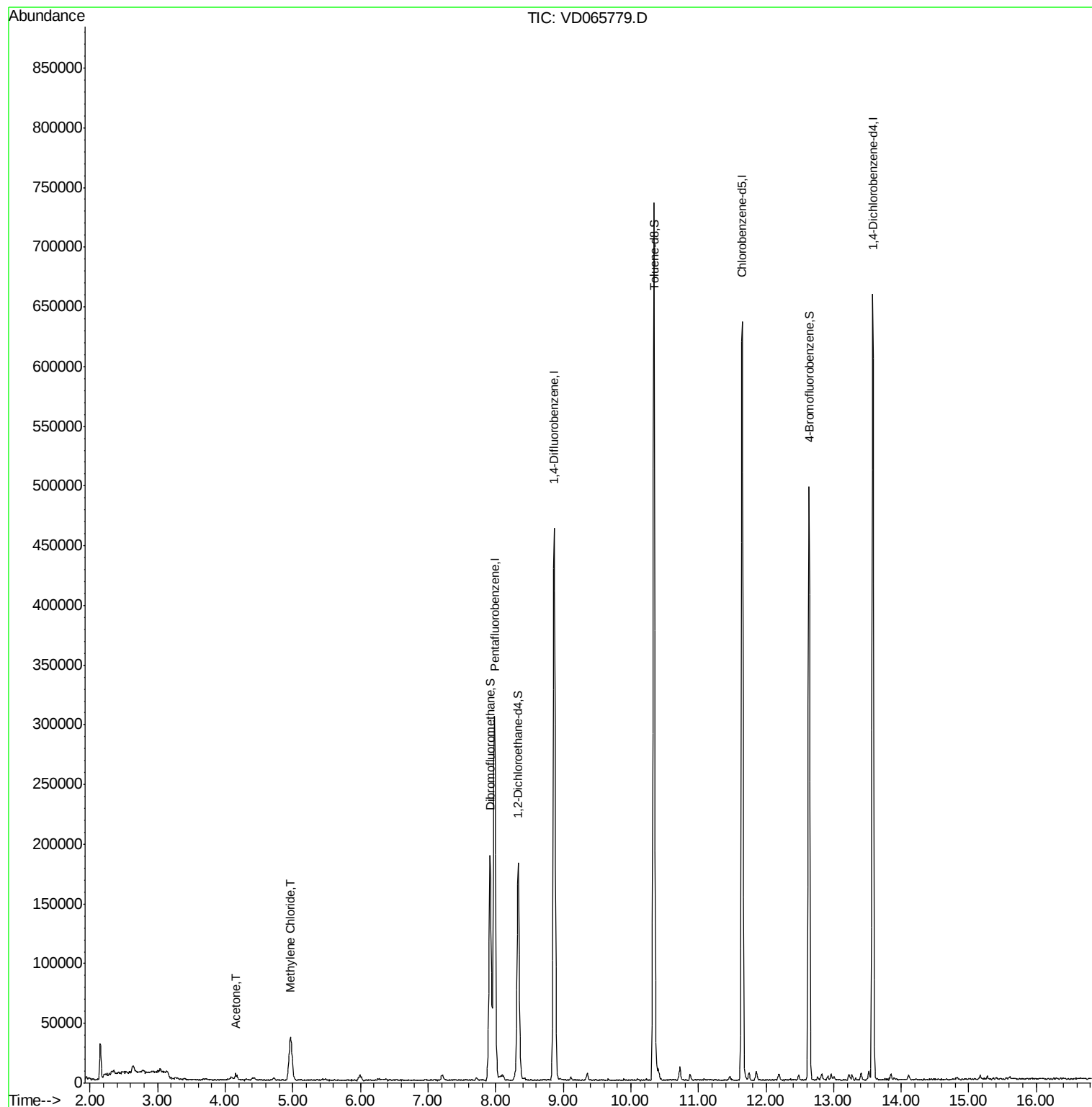
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	224817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	389029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	357476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	164652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	143856	64.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.52%	
35) Dibromofluoromethane	7.92	113	131987	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
50) Toluene-d8	10.34	98	483269	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.64	95	156119	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
Target Compounds						
16) Acetone	4.16	43	9438	22.523	ug/l #	89
20) Methylene Chloride	4.97	84	27524	8.692	ug/l	93

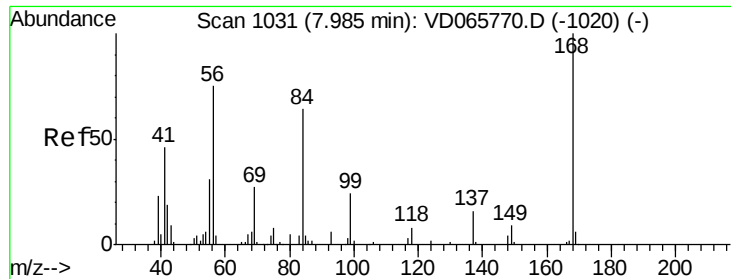
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065779.D

Acq: 08 Jun 2020 14:36

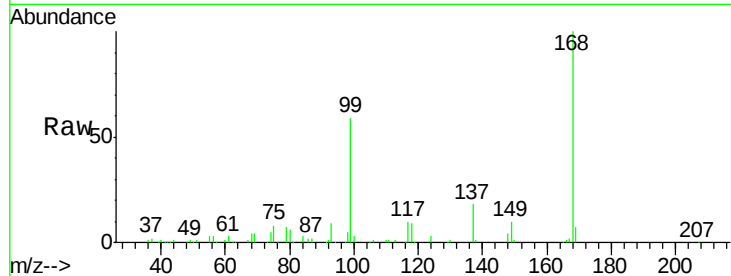
Instrument :
MSVOA_D
ClientSampleId :
SP

Tot Ion:168 Resp: 224817

Ion Ratio Lower Upper

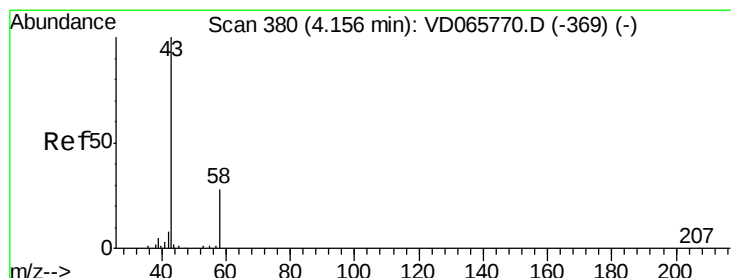
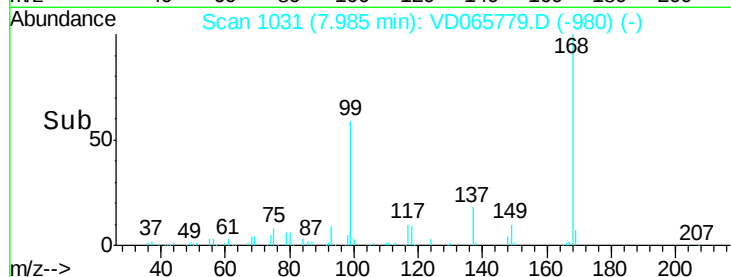
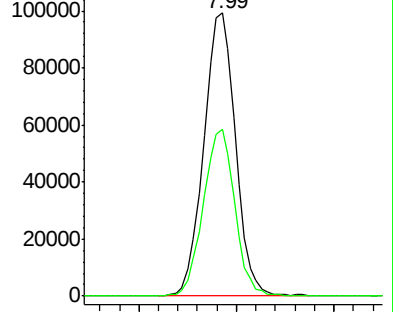
168 100

99 59.0 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: 22.523 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065779.D

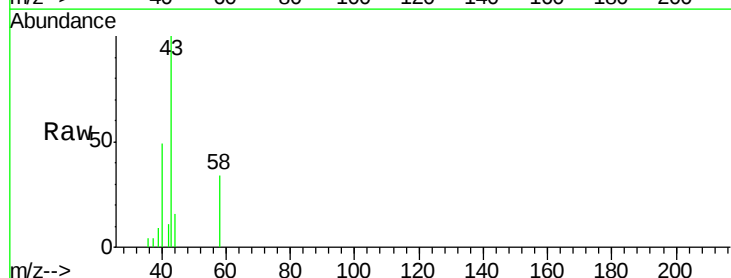
Acq: 08 Jun 2020 14:36

Tgt Ion: 43 Resp: 9438

Ion Ratio Lower Upper

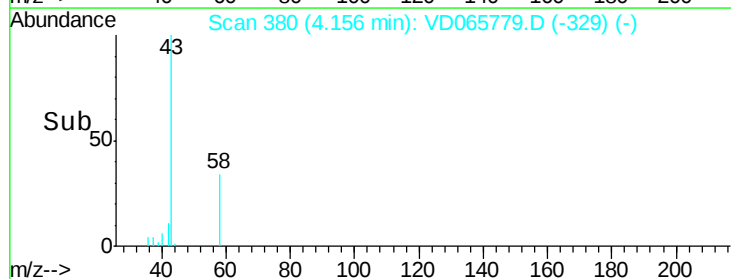
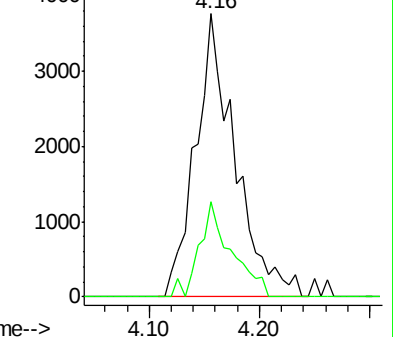
43 100

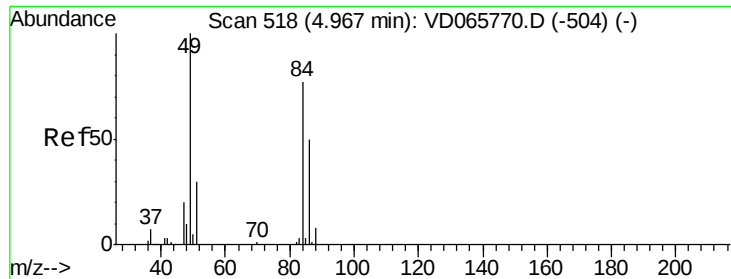
58 33.8 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

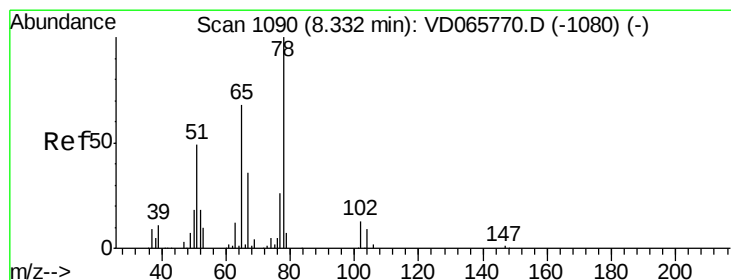
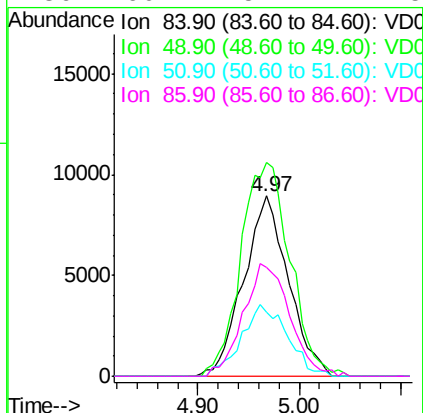
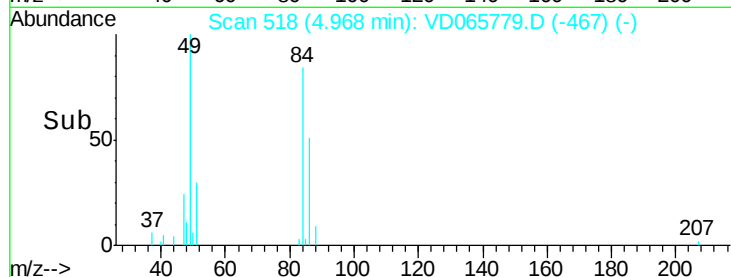
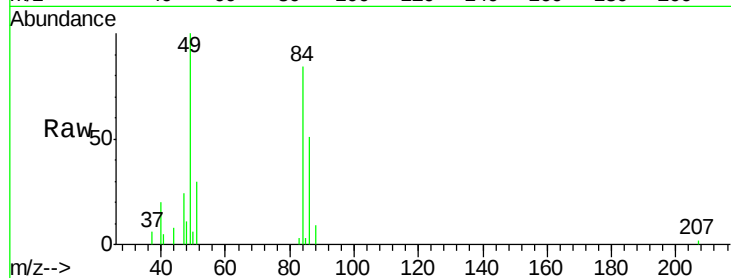




#20
Methvlene Chloride
Concen: 8.692 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065779.D
Acq: 08 Jun 2020 14:36

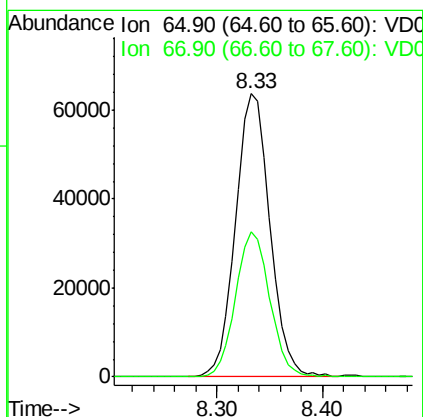
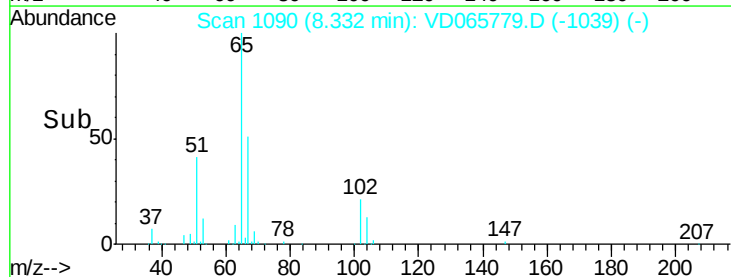
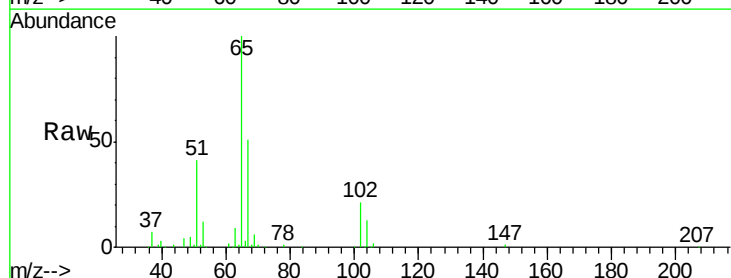
Instrument :
MSVOA_D
ClientSampled :
SP

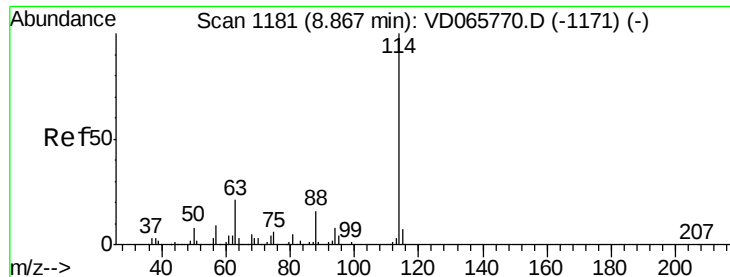
Tot Ion: 84 Resp: 27524
Ion Ratio Lower Upper
84 100
49 118.7 103.4 155.0
51 35.9 31.4 47.2
86 60.7 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 64.756 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD065779.D
Acq: 08 Jun 2020 14:36

Tgt Ion: 65 Resp: 143856
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.6

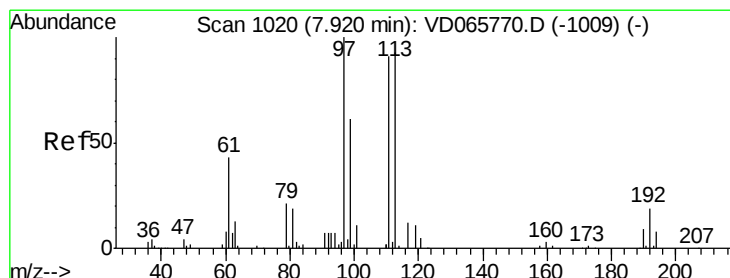
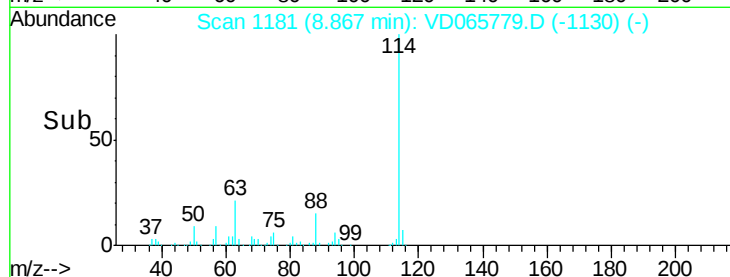
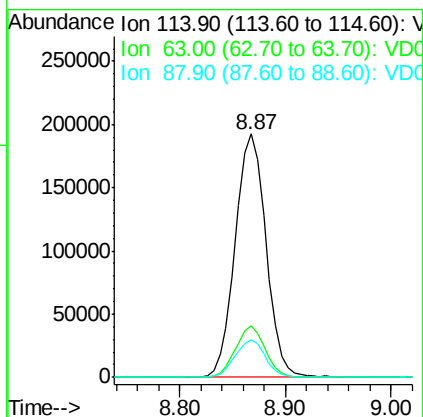
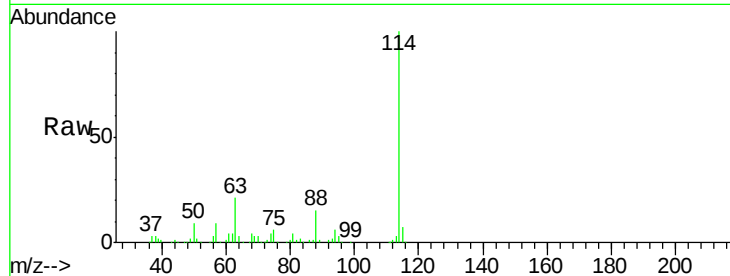




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065779.D
 Acq: 08 Jun 2020 14:36

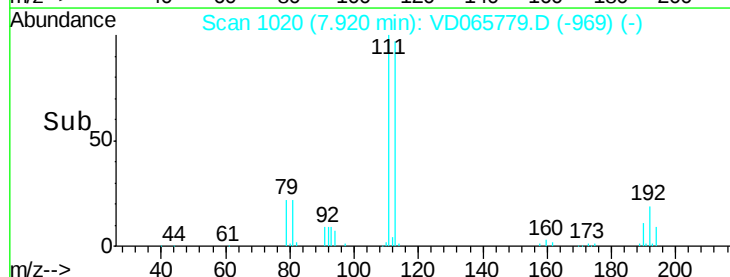
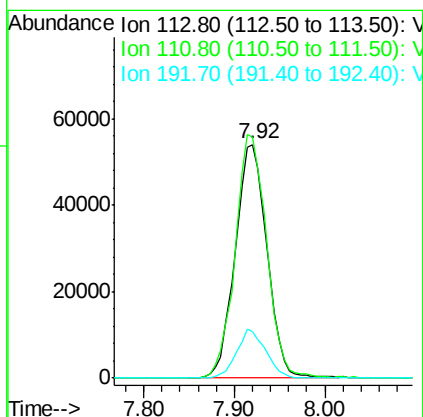
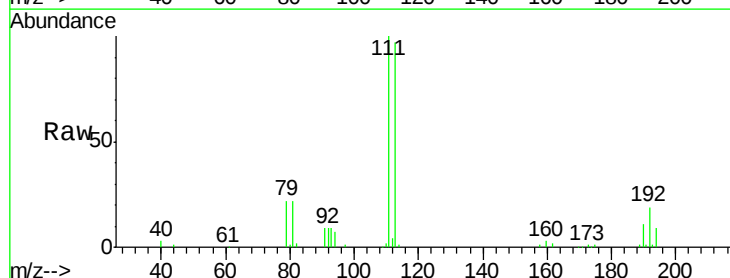
Instrument :
 MSVOA_D
 ClientSampleId :
 SP

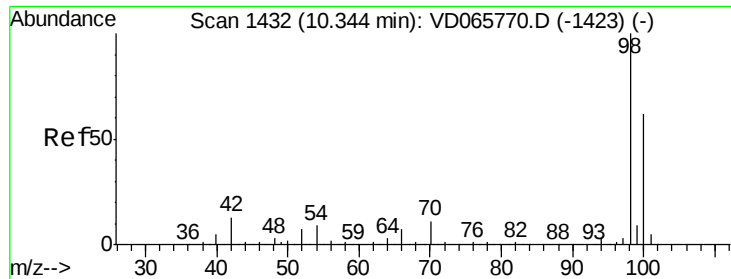
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.8
88	15.2	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 53.711 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065779.D
 Acq: 08 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.0
192	19.3	15.7	23.5





#50

Toluene-d8

Concen: 52.741 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065779.D

Acq: 08 Jun 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

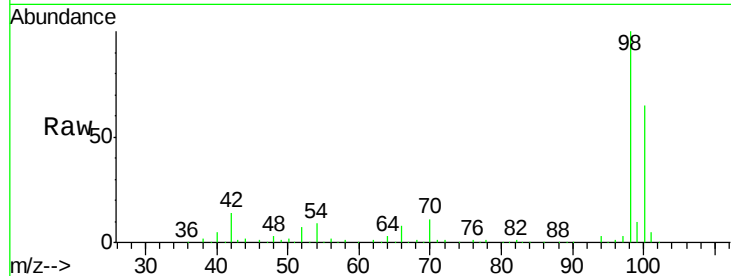
SP

Tot Ion: 98 Resp: 483269

Ion Ratio Lower Upper

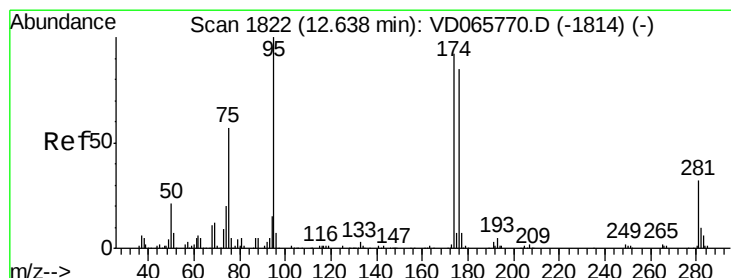
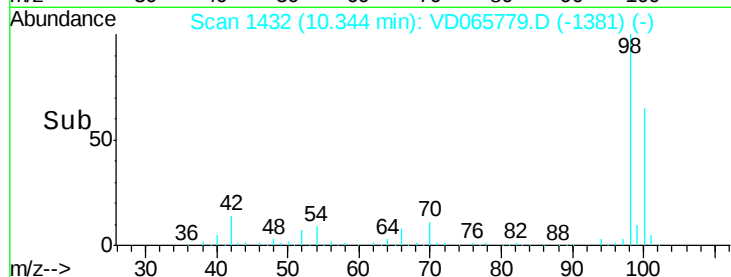
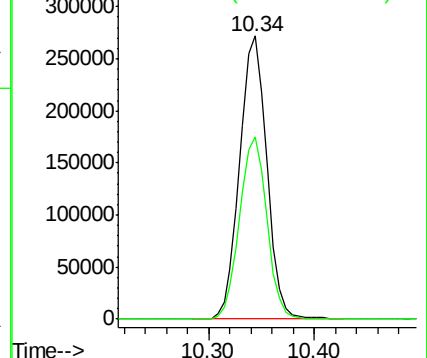
98 100

100 64.7 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: 50.239 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065779.D

Acq: 08 Jun 2020 14:36

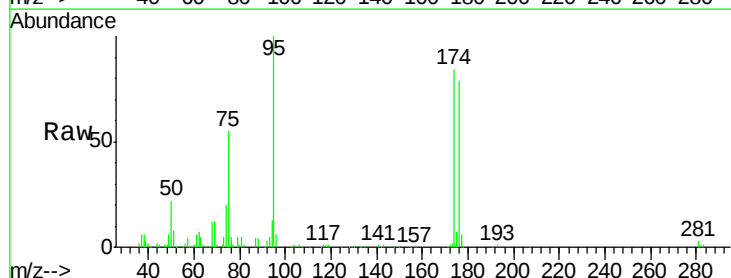
Tgt Ion: 95 Resp: 156119

Ion Ratio Lower Upper

95 100

174 81.8 0.0 175.2

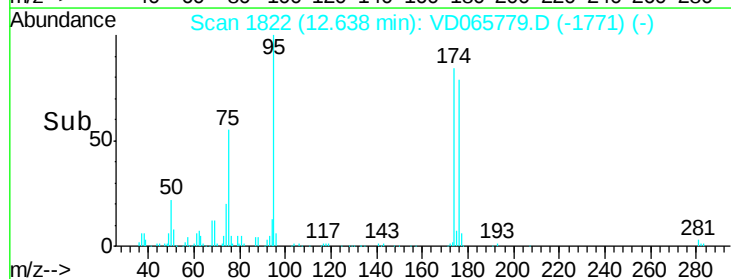
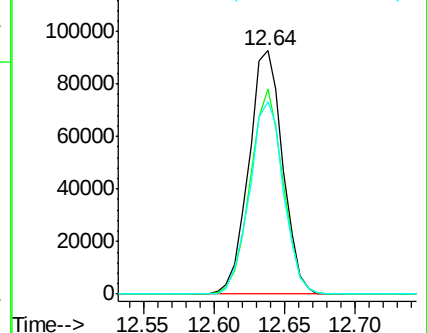
176 79.2 0.0 163.0

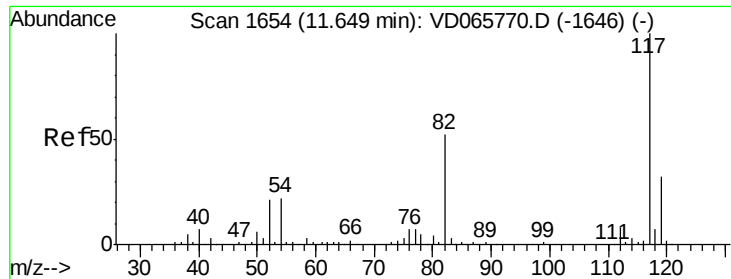


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

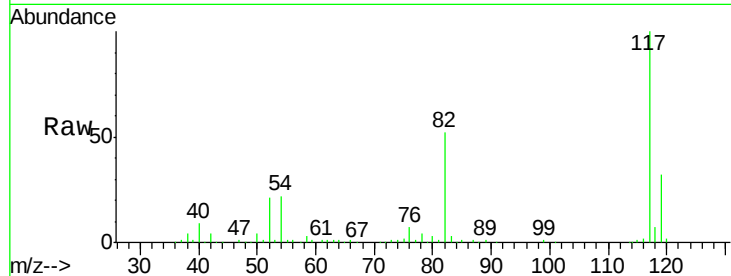




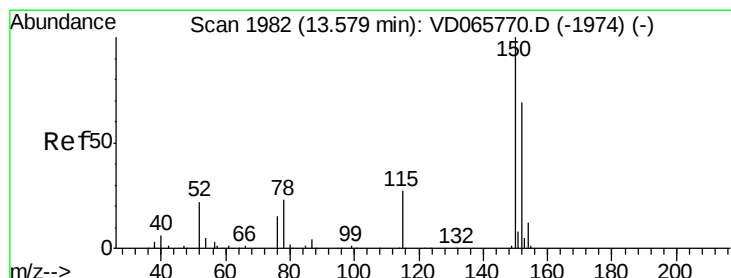
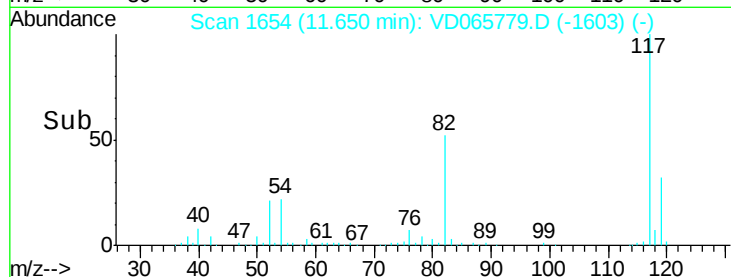
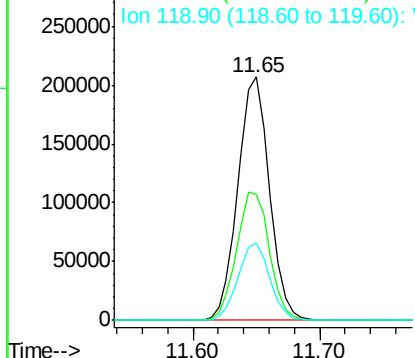
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065779.D
Acq: 08 Jun 2020 14:36

Instrument :
MSVOA_D
ClientSampled :
SP

Tot Ion:117 Resp: 357476
Ion Ratio Lower Upper
117 100
82 52.0 41.9 62.9
119 31.6 25.3 37.9

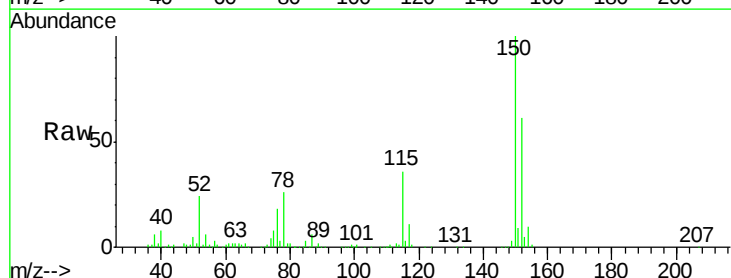


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065779.D
Acq: 08 Jun 2020 14:36

Tgt Ion:152 Resp: 164652
Ion Ratio Lower Upper
152 100
115 57.9 28.7 86.1
150 156.6 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

