

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\
 Data File : VD065891.D
 Acq On : 29 Jun 2020 17:23
 Operator : VA/SY
 Sample : L3157-02
 Misc : 7.59G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-D19

Quant Time: Jun 30 05:09:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

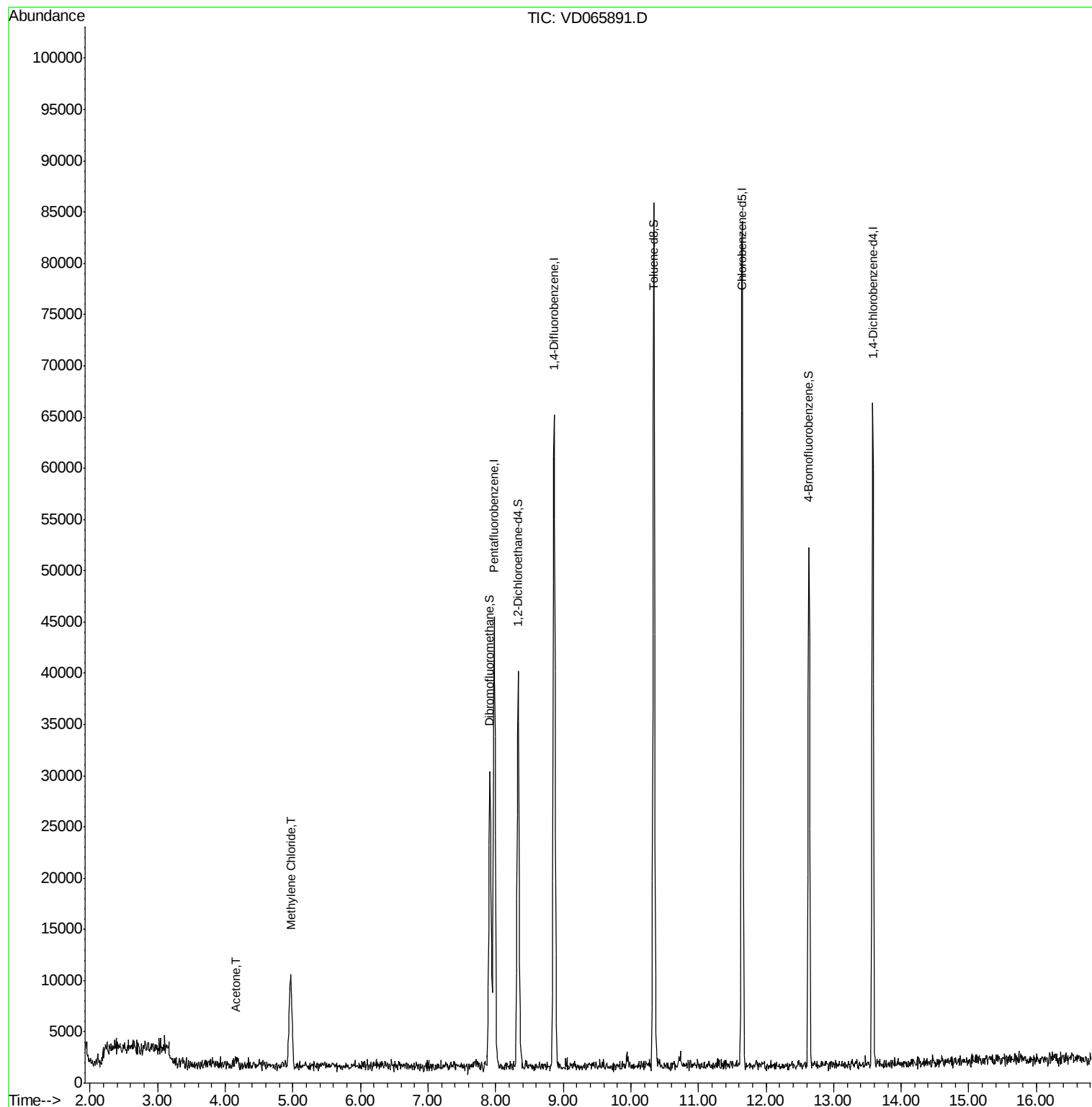
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	30704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	53050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	46941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	15657	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	30098	94.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	188.72%	
35) Dibromofluoromethane	7.91	113	21088	64.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.62%	
50) Toluene-d8	10.34	98	56895	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
62) 4-Bromofluorobenzene	12.64	95	16473	40.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.54%	
Target Compounds						
16) Acetone	4.16	43	1297	20.753	ug/l #	85
20) Methylene Chloride	4.97	84	6628	16.723	ug/l	95

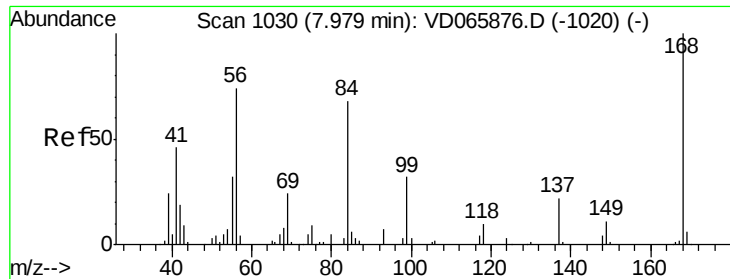
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065891.D

Acq: 29 Jun 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

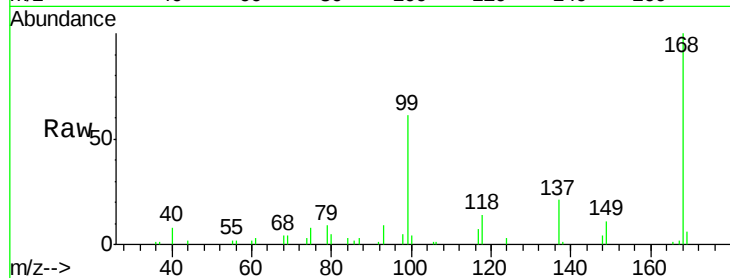
MH-D19

Tot Ion:168 Resp: 30704

Ion Ratio Lower Upper

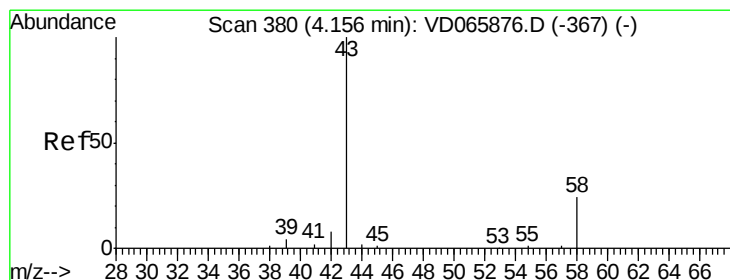
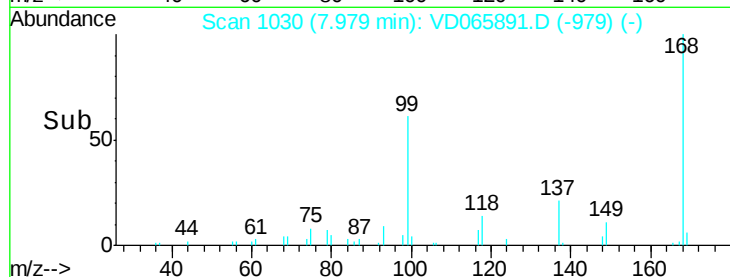
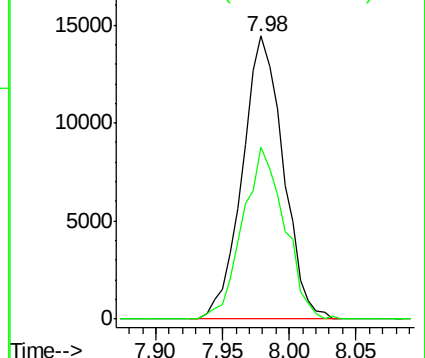
168 100

99 61.0 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 20.753 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065891.D

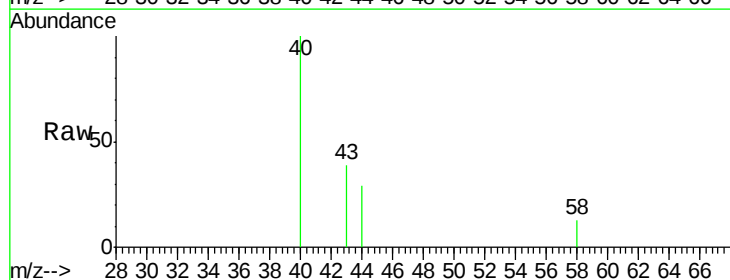
Acq: 29 Jun 2020 17:23

Tgt Ion: 43 Resp: 1297

Ion Ratio Lower Upper

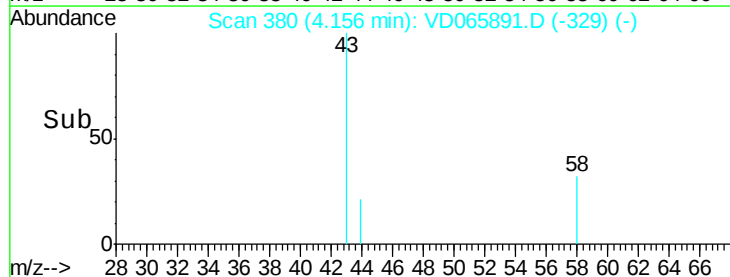
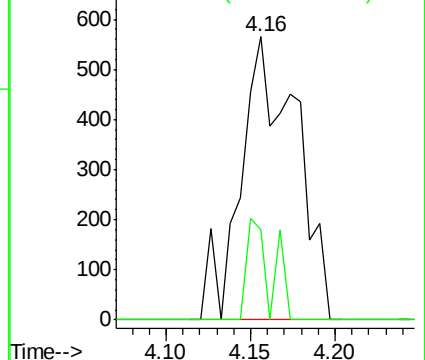
43 100

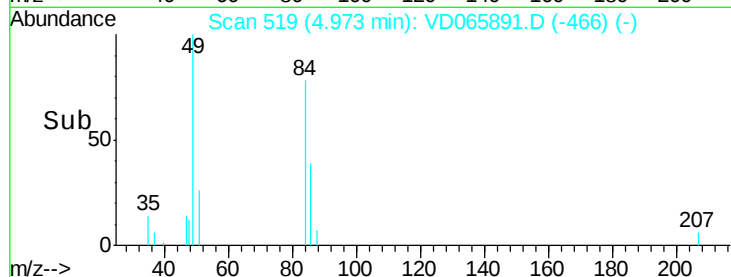
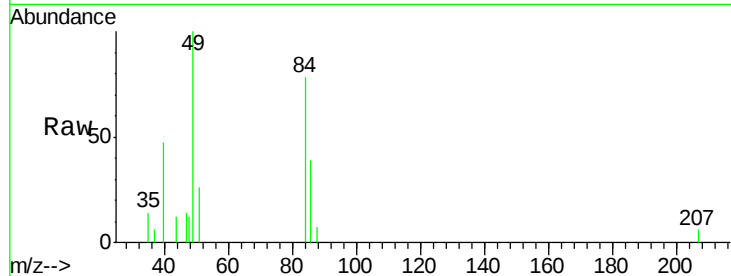
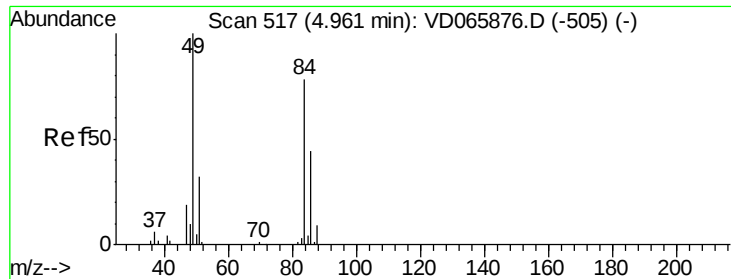
58 31.7 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

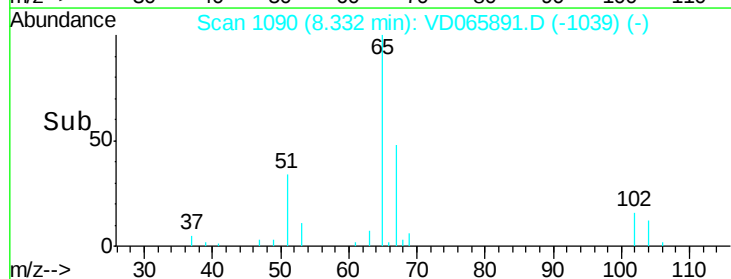
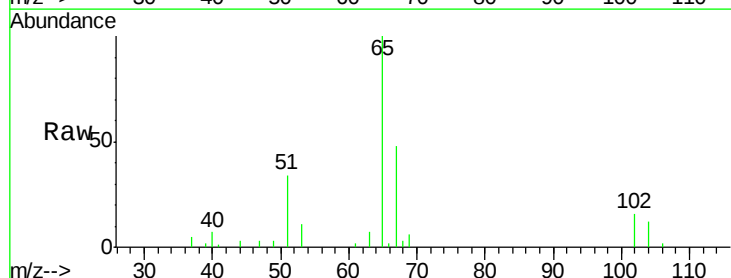
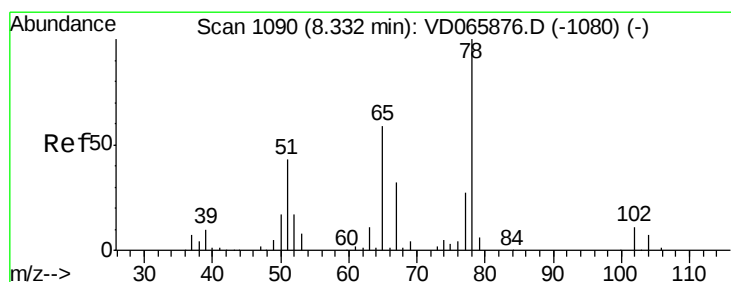
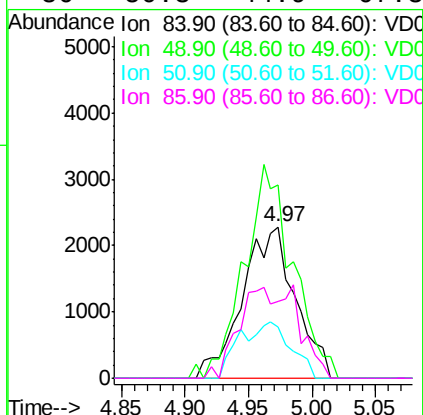




#20
Methylene Chloride
Concen: 16.723 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065891.D
Acq: 29 Jun 2020 17:23

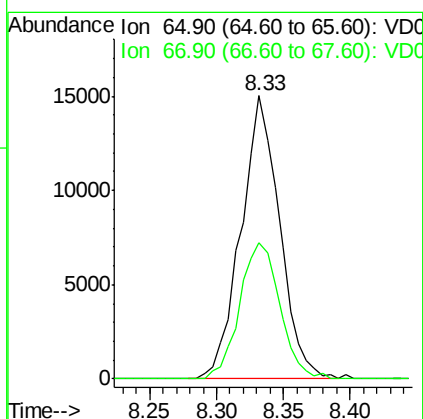
Instrument :
MSVOA_D
ClientSampleID :
MH-D19

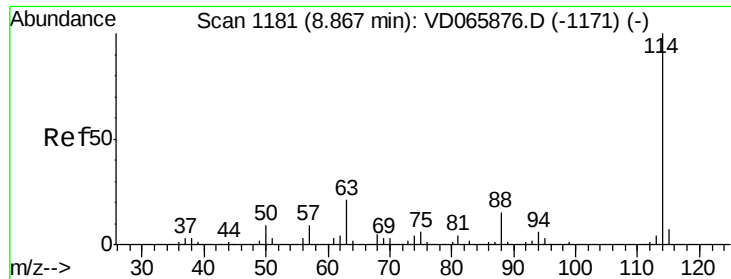
Tot Ion: 84 Resp: 6628
Ion Ratio Lower Upper
84 100
49 127.7 103.0 154.6
51 33.7 32.7 49.1
86 50.3 44.9 67.3



#33
1,2-Dichloroethane-d4
Concen: 94.356 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD065891.D
Acq: 29 Jun 2020 17:23

Tgt Ion: 65 Resp: 30098
Ion Ratio Lower Upper
65 100
67 49.9 0.0 103.0

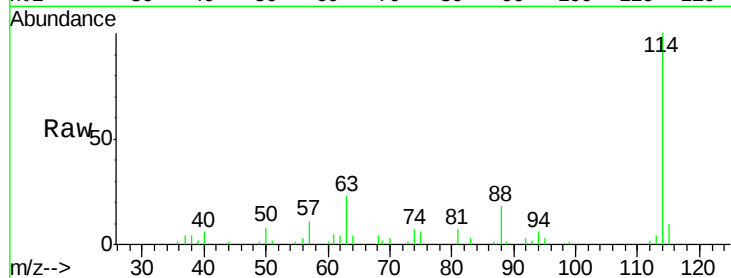




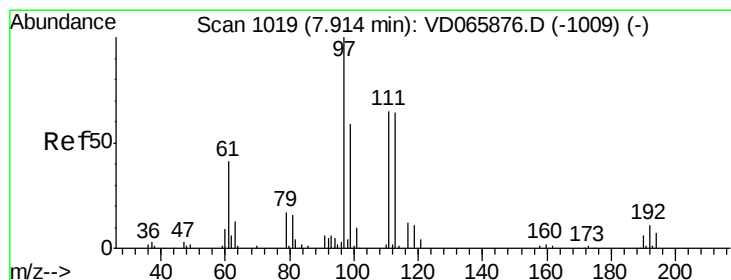
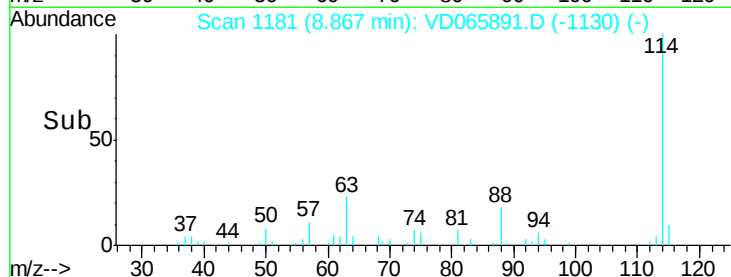
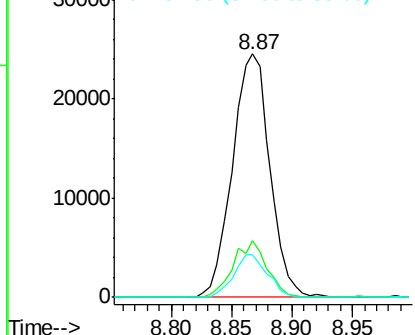
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065891.D
 Acq: 29 Jun 2020 17:23

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-D19

Tot Ion:114 Resp: 53050
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 42.6
 88 17.7 0.0 29.0

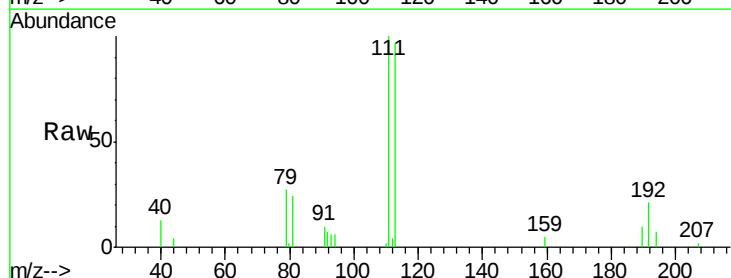


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

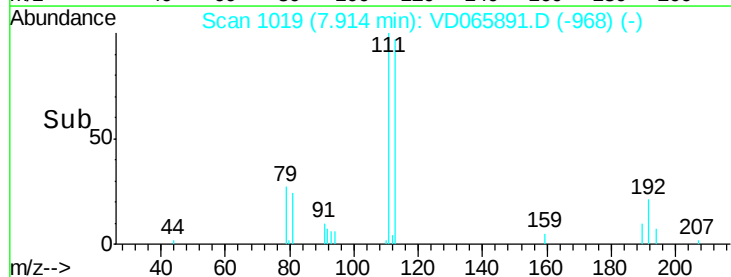
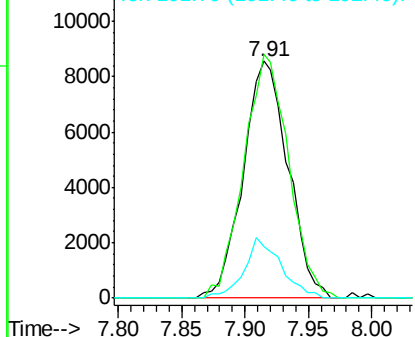


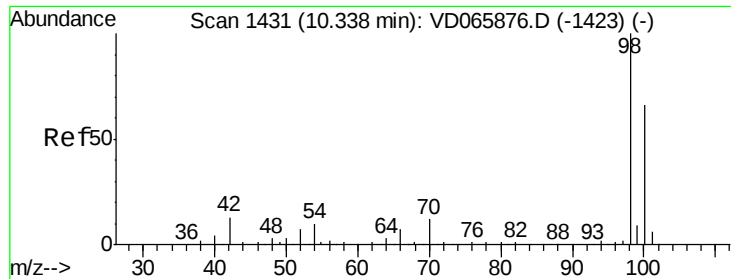
#35
 Dibromofluoromethane
 Concen: 64.311 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD065891.D
 Acq: 29 Jun 2020 17:23

Tgt Ion:113 Resp: 21088
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.0 121.6
 192 20.9 15.2 22.8



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: 46.126 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD065891.D

Acq: 29 Jun 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

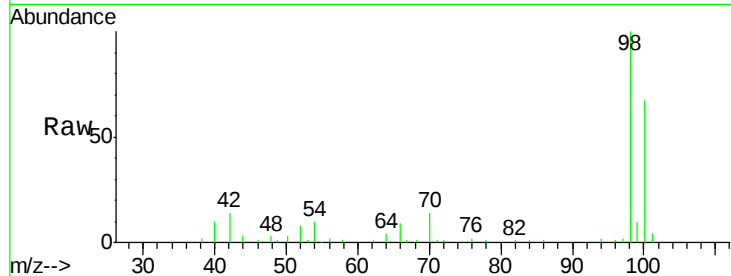
MH-D19

Tot Ion: 98 Resp: 56895

Ion Ratio Lower Upper

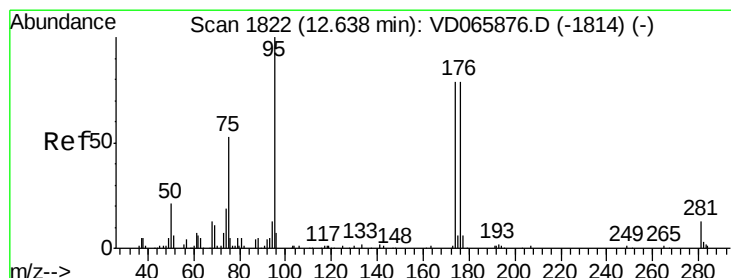
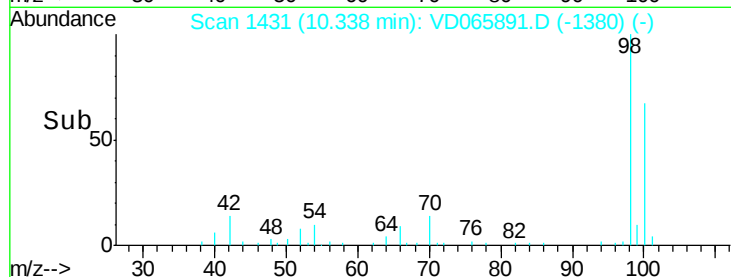
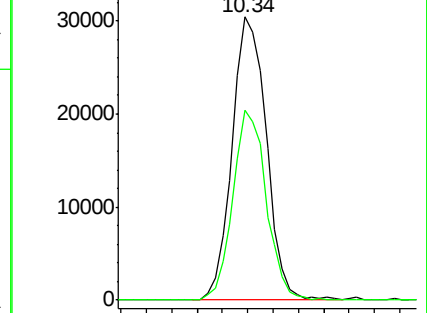
98 100

100 65.2 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 40.766 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065891.D

Acq: 29 Jun 2020 17:23

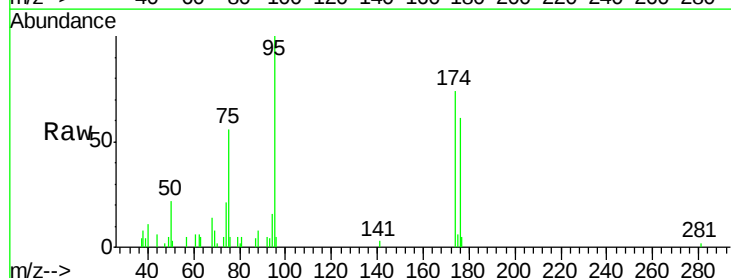
Tgt Ion: 95 Resp: 16473

Ion Ratio Lower Upper

95 100

174 78.5 0.0 158.4

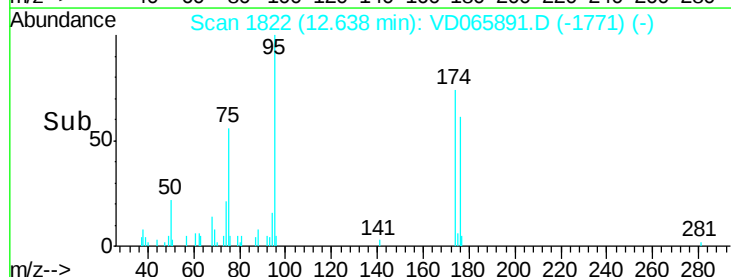
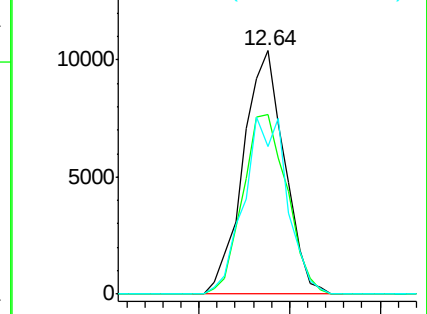
176 76.0 0.0 156.0

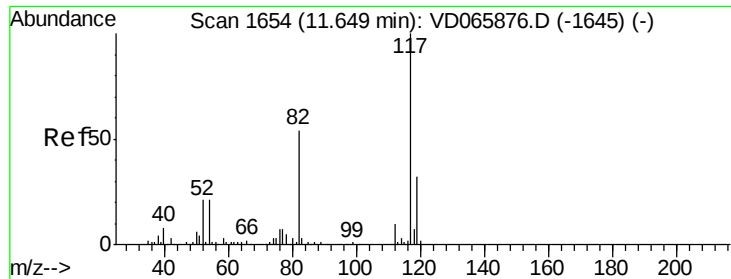


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

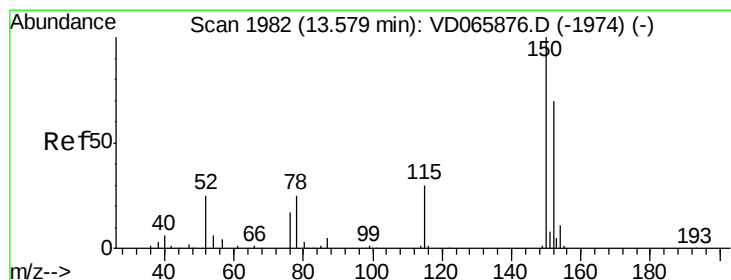
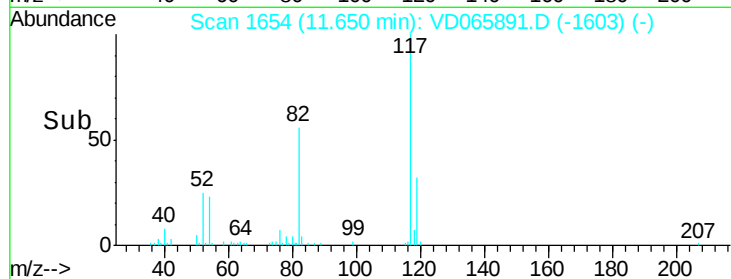
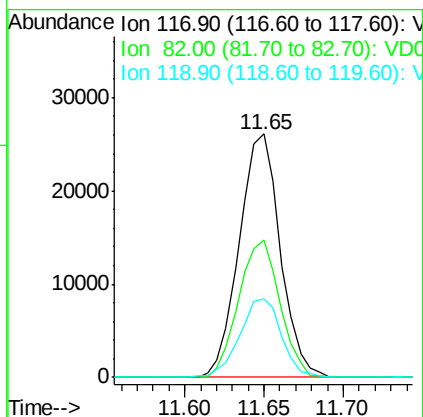
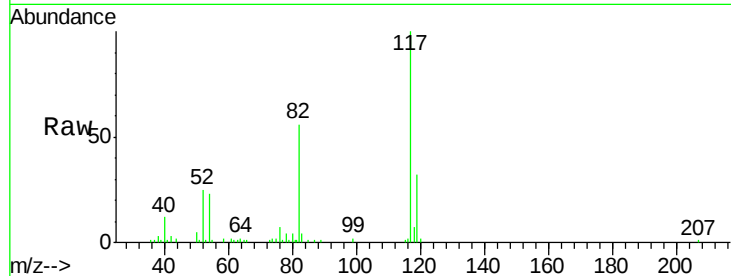




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065891.D
Acq: 29 Jun 2020 17:23

Instrument :
MSVOA_D
ClientSampleId :
MH-D19

Tot Ion:117 Resp: 46941
Ion Ratio Lower Upper
117 100
82 56.3 43.6 65.4
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065891.D
Acq: 29 Jun 2020 17:23

Tgt Ion:152 Resp: 15657
Ion Ratio Lower Upper
152 100
115 59.2 29.7 89.1
150 157.8 0.0 346.2

