

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067156.D
 Acq On : 07 Oct 2020 16:56
 Operator : VA/SY
 Sample : L4273-19
 Misc : 4.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10

Quant Time: Oct 08 08:15:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

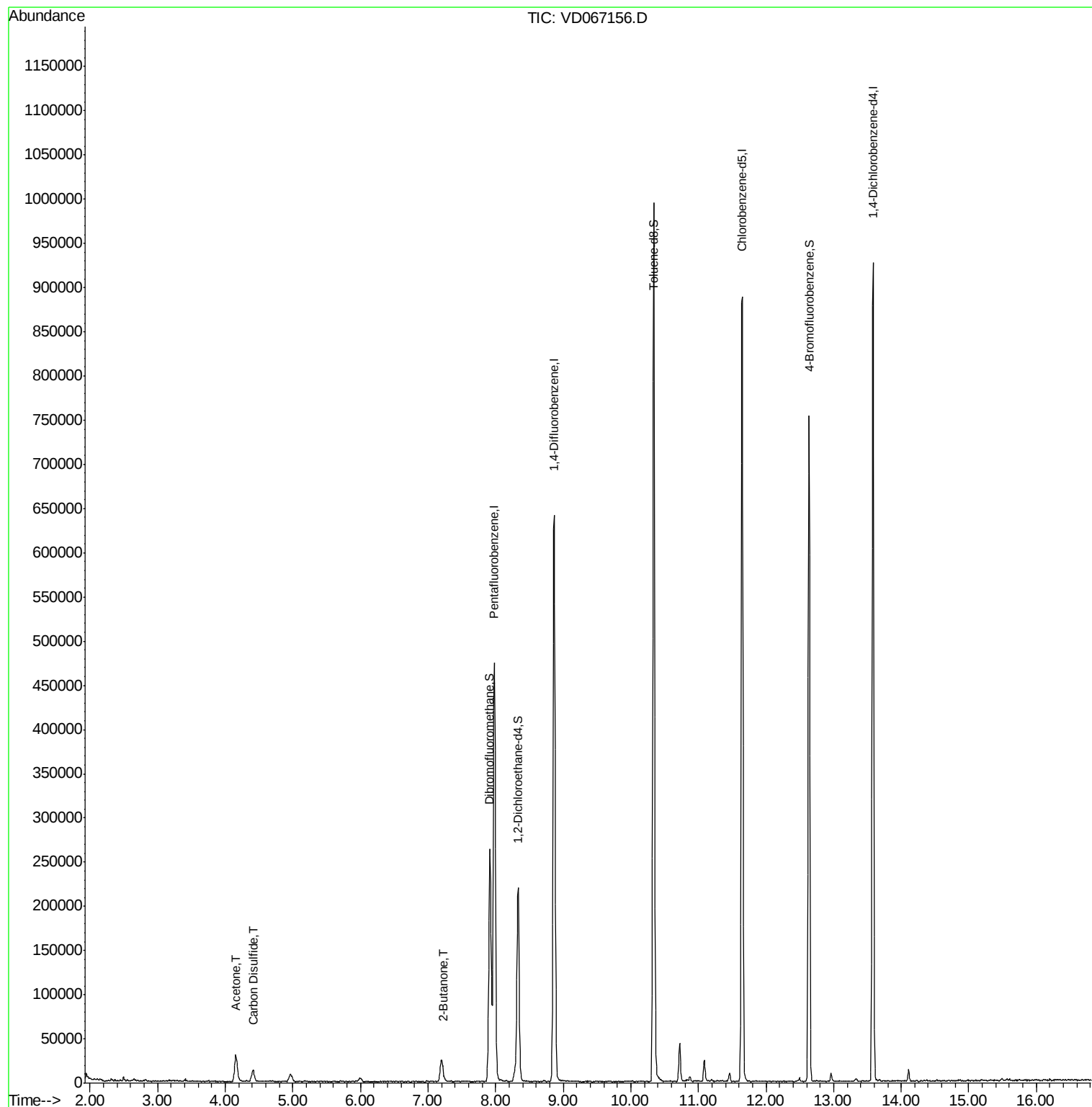
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	360151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	586528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	549592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	258565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	188975	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
35) Dibromofluoromethane	7.91	113	193252	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	10.34	98	682344	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.64	95	230038	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
Target Compounds						
16) Acetone	4.16	43	55954	105.666	ug/l	90
17) Carbon Disulfide	4.42	76	27291	2.619	ug/l #	90
25) 2-Butanone	7.22	43	8105	10.796	ug/l #	87

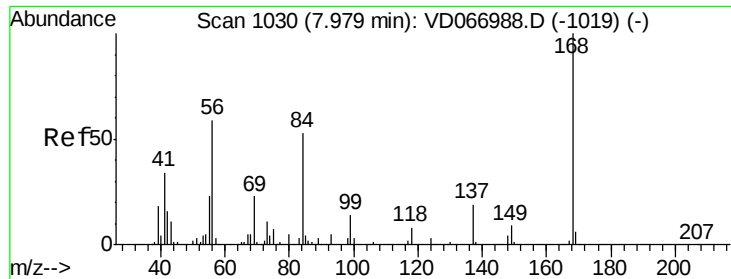
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100720\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067156.D

Acq: 07 Oct 2020 16:56

Instrument :

MSVOA_D

ClientSampleId :

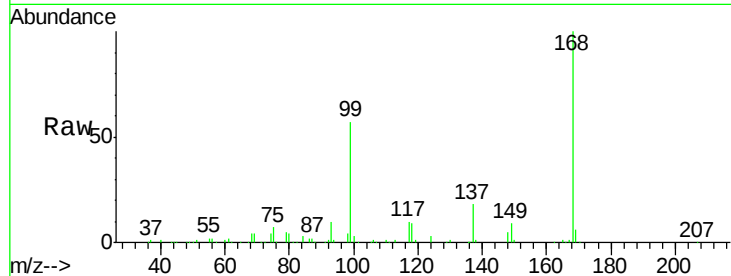
SB-10

Tot Ion:168 Resp: 360151

Ion Ratio Lower Upper

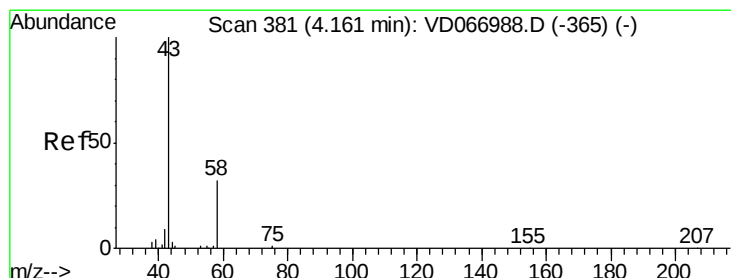
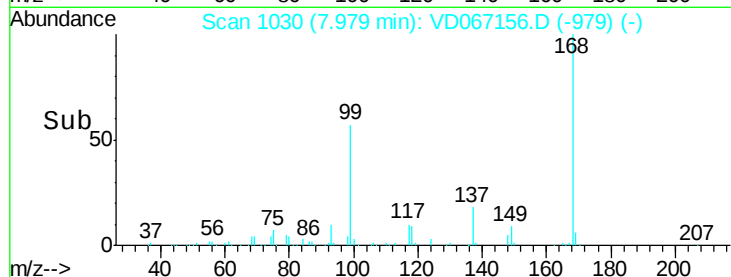
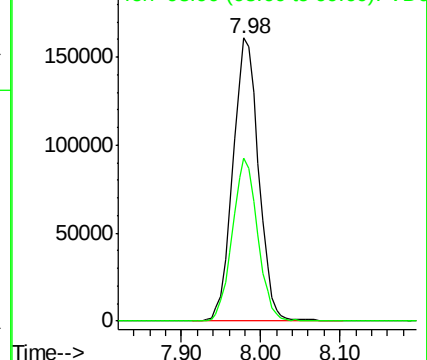
168 100

99 57.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 105.666 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067156.D

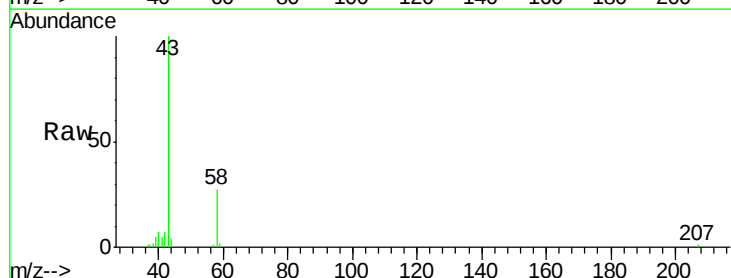
Acq: 07 Oct 2020 16:56

Tgt Ion: 43 Resp: 55954

Ion Ratio Lower Upper

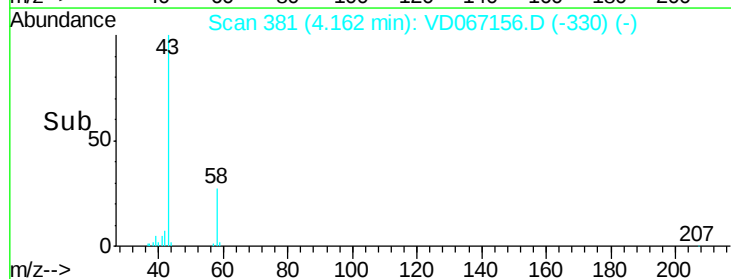
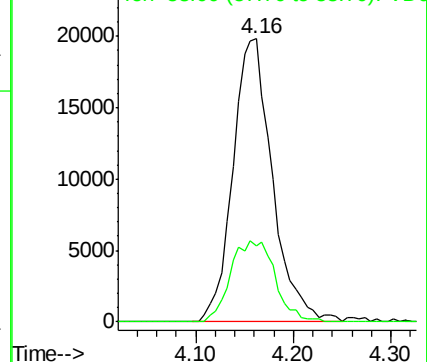
43 100

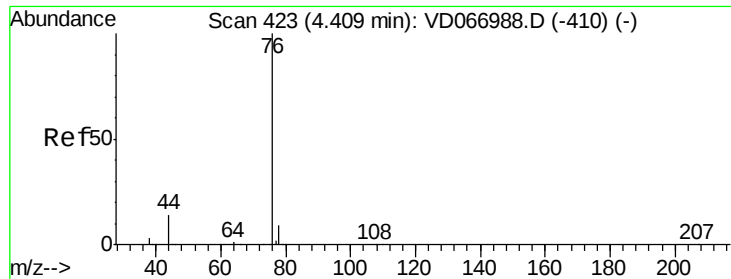
58 27.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

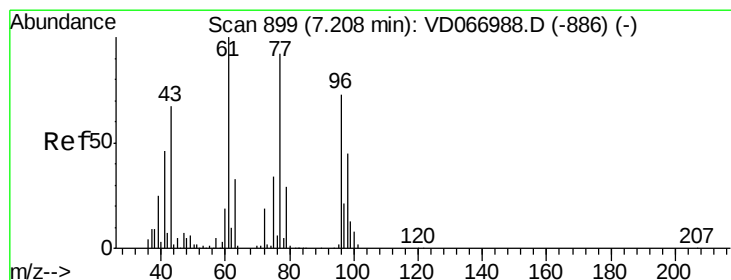
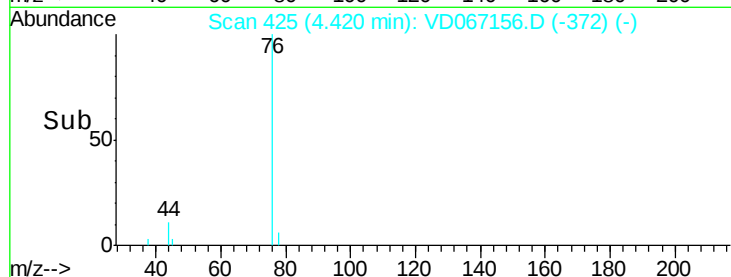
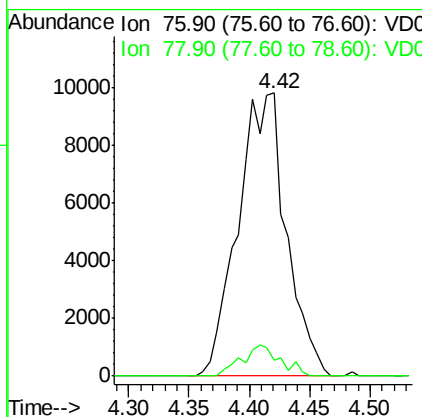
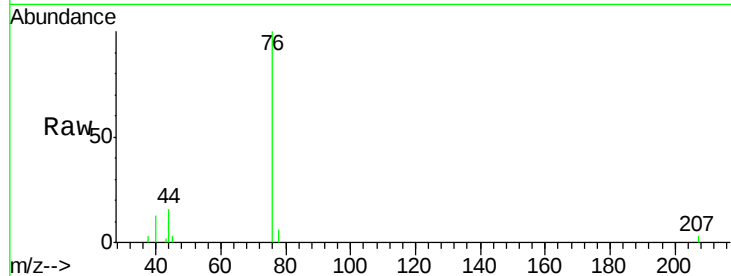




#17
Carbon Disulfide
Concen: 2.619 ug/l
RT: 4.42 min Scan# 425
Delta R.T. 0.01 min
Lab File: VD067156.D
Acq: 07 Oct 2020 16:56

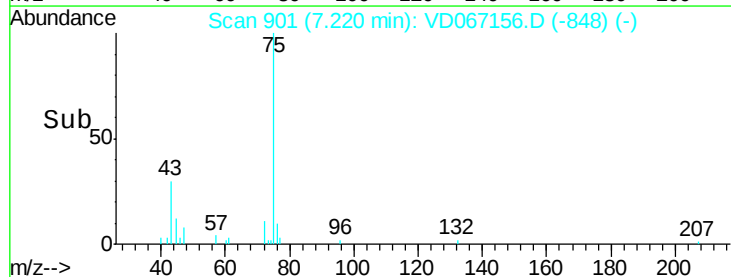
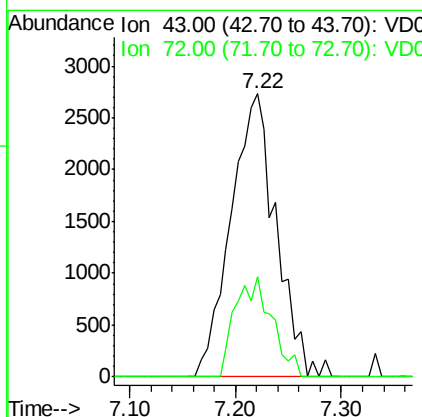
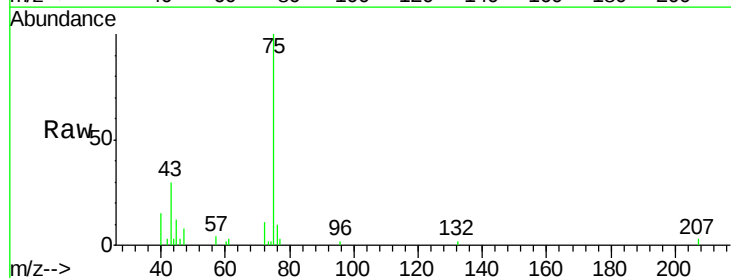
Instrument :
MSVOA_D
ClientSampled :
SB-10

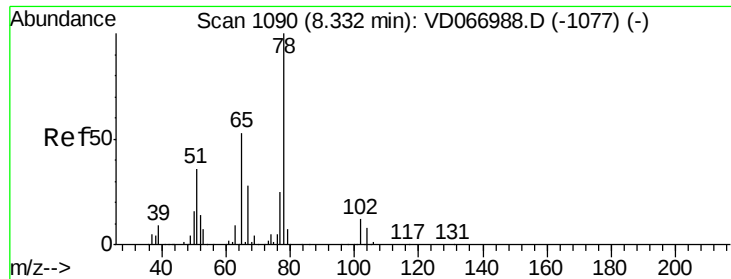
Tot Ion: 76 Resp: 27291
Ion Ratio Lower Upper
76 100
78 5.6 7.5 11.3#



#25
2-Butanone
Concen: 10.796 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD067156.D
Acq: 07 Oct 2020 16:56

Tgt Ion: 43 Resp: 8105
Ion Ratio Lower Upper
43 100
72 35.5 22.8 34.2#





#33

1,2-Dichloroethane-d4

Concen: 54.476 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067156.D

Acq: 07 Oct 2020 16:56

Instrument :

MSVOA_D

ClientSampleId :

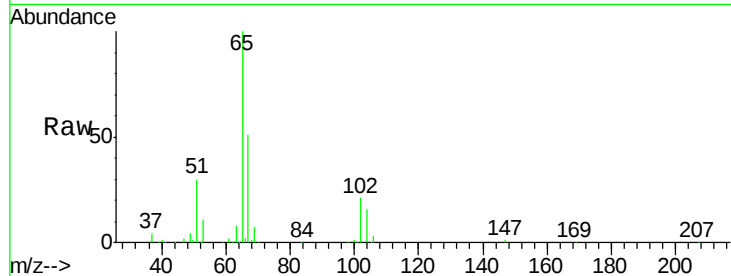
SB-10

Tot Ion: 65 Resp: 188975

Ion Ratio Lower Upper

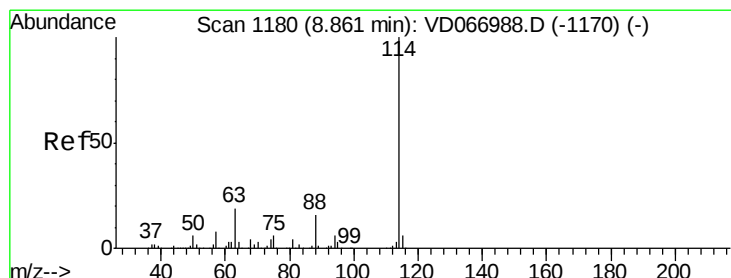
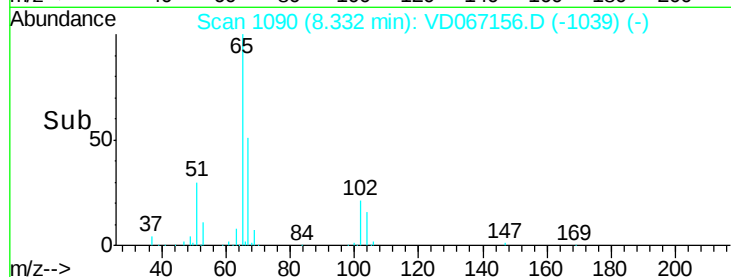
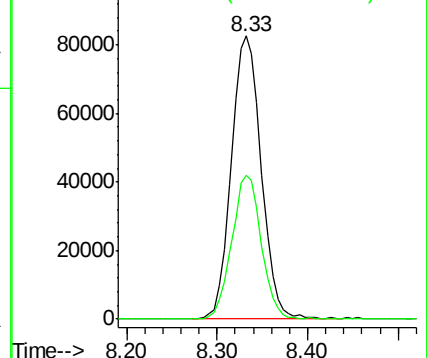
65 100

67 50.0 0.0 106.8



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. 0.01 min

Lab File: VD067156.D

Acq: 07 Oct 2020 16:56

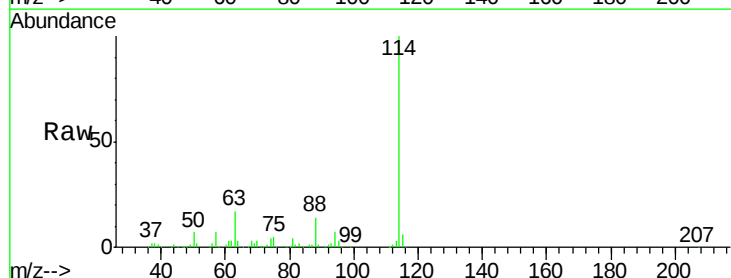
Tgt Ion: 114 Resp: 586528

Ion Ratio Lower Upper

114 100

63 16.7 0.0 38.4

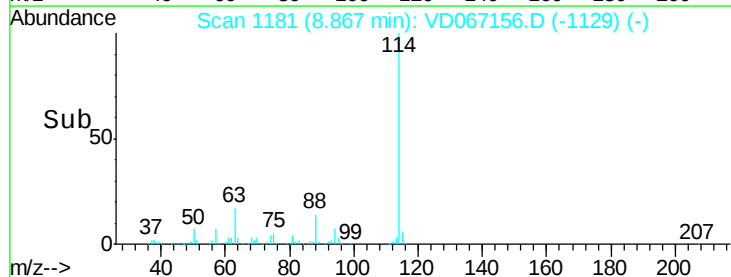
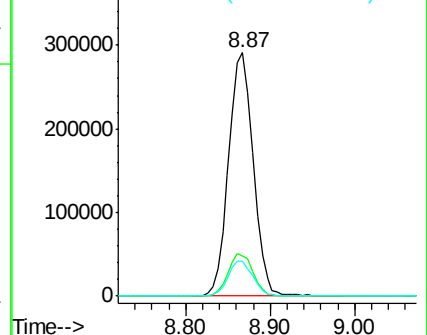
88 14.4 0.0 31.2

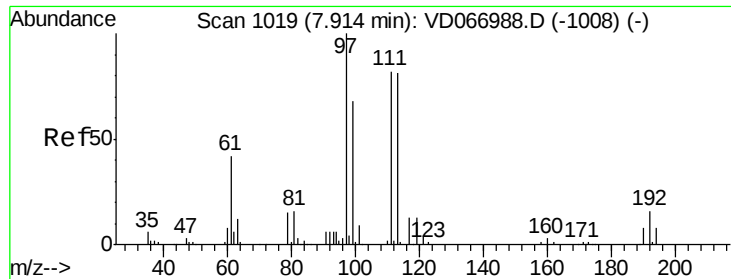


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

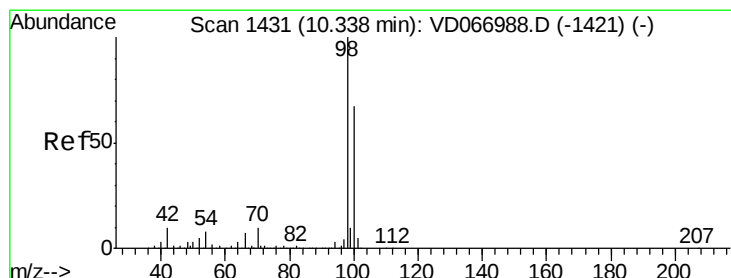
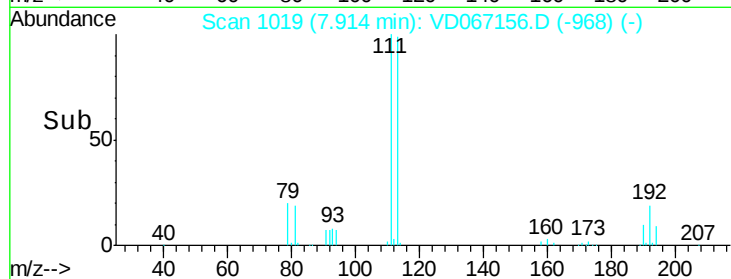
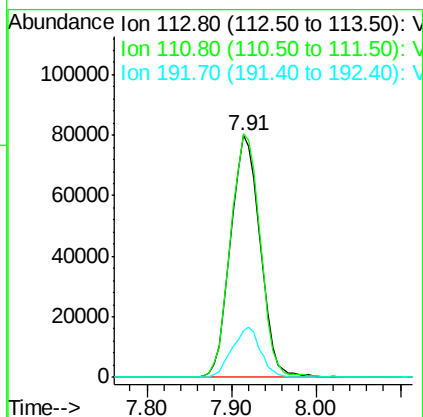
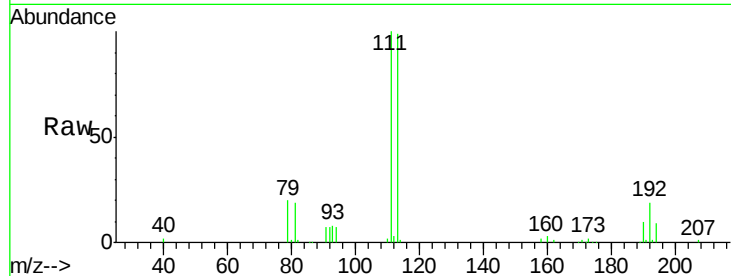




#35
 Dibromofluoromethane
 Concen: 50.328 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067156.D
 Acq: 07 Oct 2020 16:56

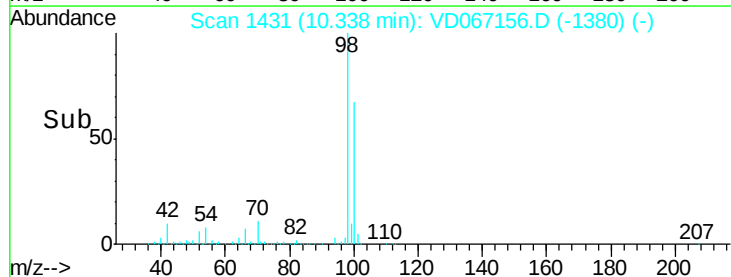
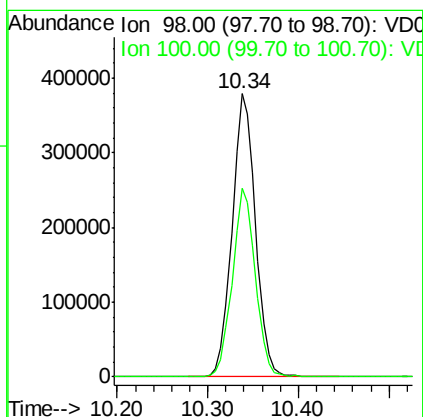
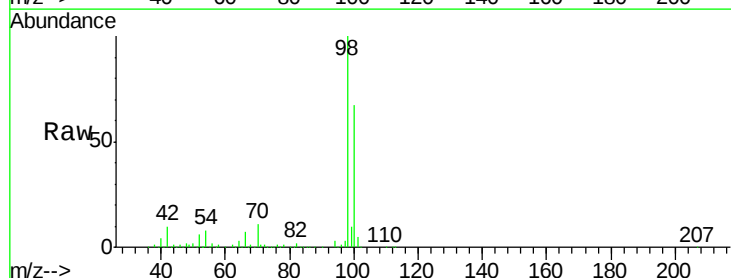
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10

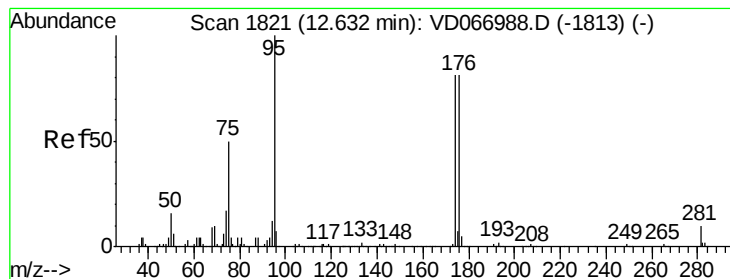
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.0	124.4
192	19.7	15.5	23.3



#50
 Toluene-d8
 Concen: 48.766 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067156.D
 Acq: 07 Oct 2020 16:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.8	79.2





#62

4-Bromofluorobenzene

Concen: 48.429 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067156.D

Acq: 07 Oct 2020 16:56

Instrument :

MSVOA_D

ClientSampleId :

SB-10

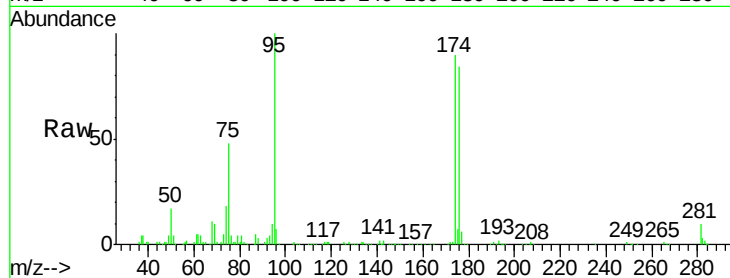
Tot Ion: 95 Resp: 230038

Ion Ratio Lower Upper

95 100

174 88.1 0.0 167.6

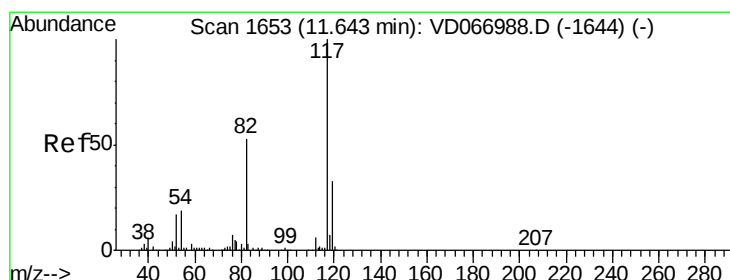
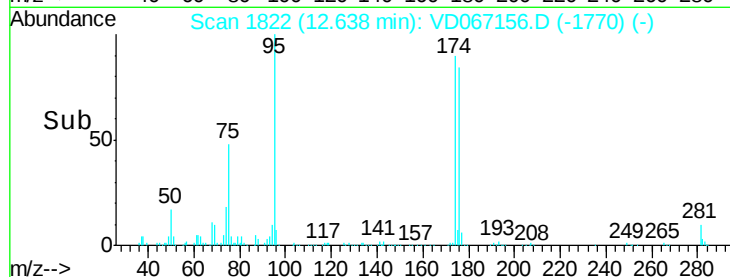
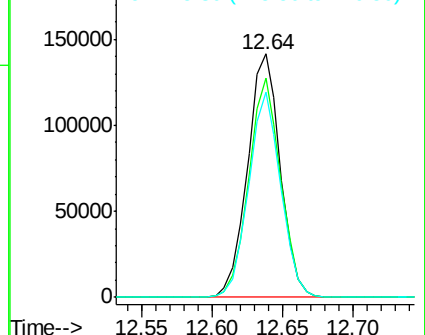
176 82.3 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD067156.D

Acq: 07 Oct 2020 16:56

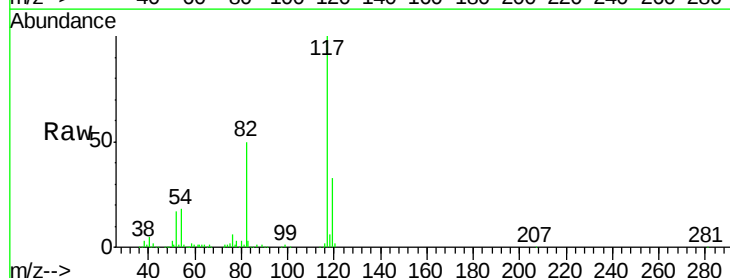
Tgt Ion: 117 Resp: 549592

Ion Ratio Lower Upper

117 100

82 50.4 42.6 63.8

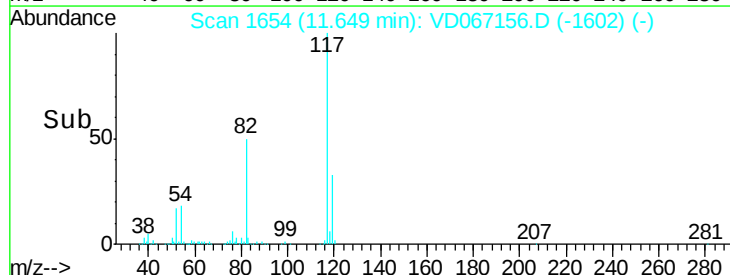
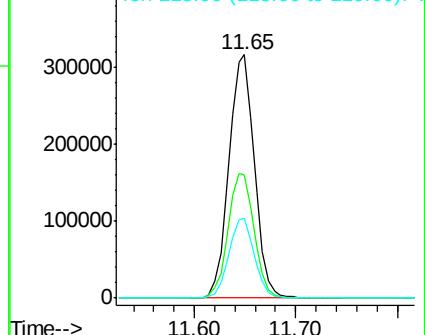
119 32.5 26.3 39.5

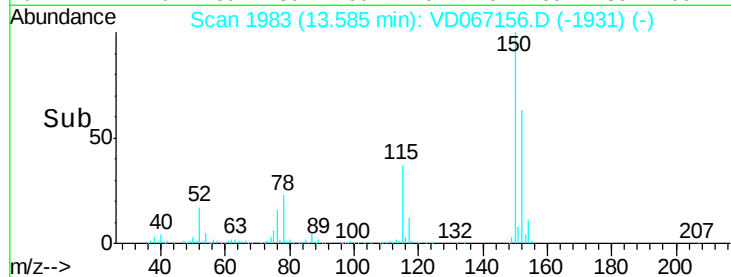
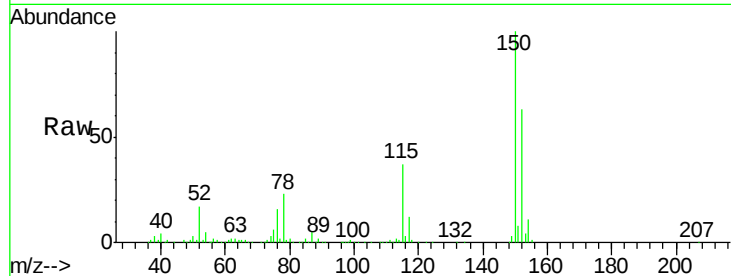
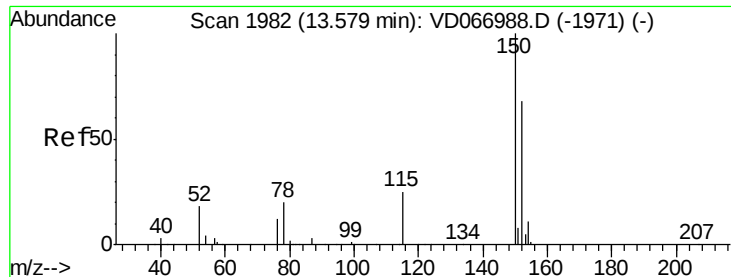


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1983

Delta R.T. 0.01 min

Lab File: VD067156.D

Acq: 07 Oct 2020 16:56

Instrument :

MSVOA_D

ClientSampleId :

SB-10

Tot Ion:152 Resp: 258565

Ion Ratio Lower Upper

152 100

115 58.0 29.6 88.8

150 156.7 0.0 344.8

