

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067200.D
 Acq On : 08 Oct 2020 17:48
 Operator : VA/SY
 Sample : L4329-02
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1A

Quant Time: Oct 09 03:38:19 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

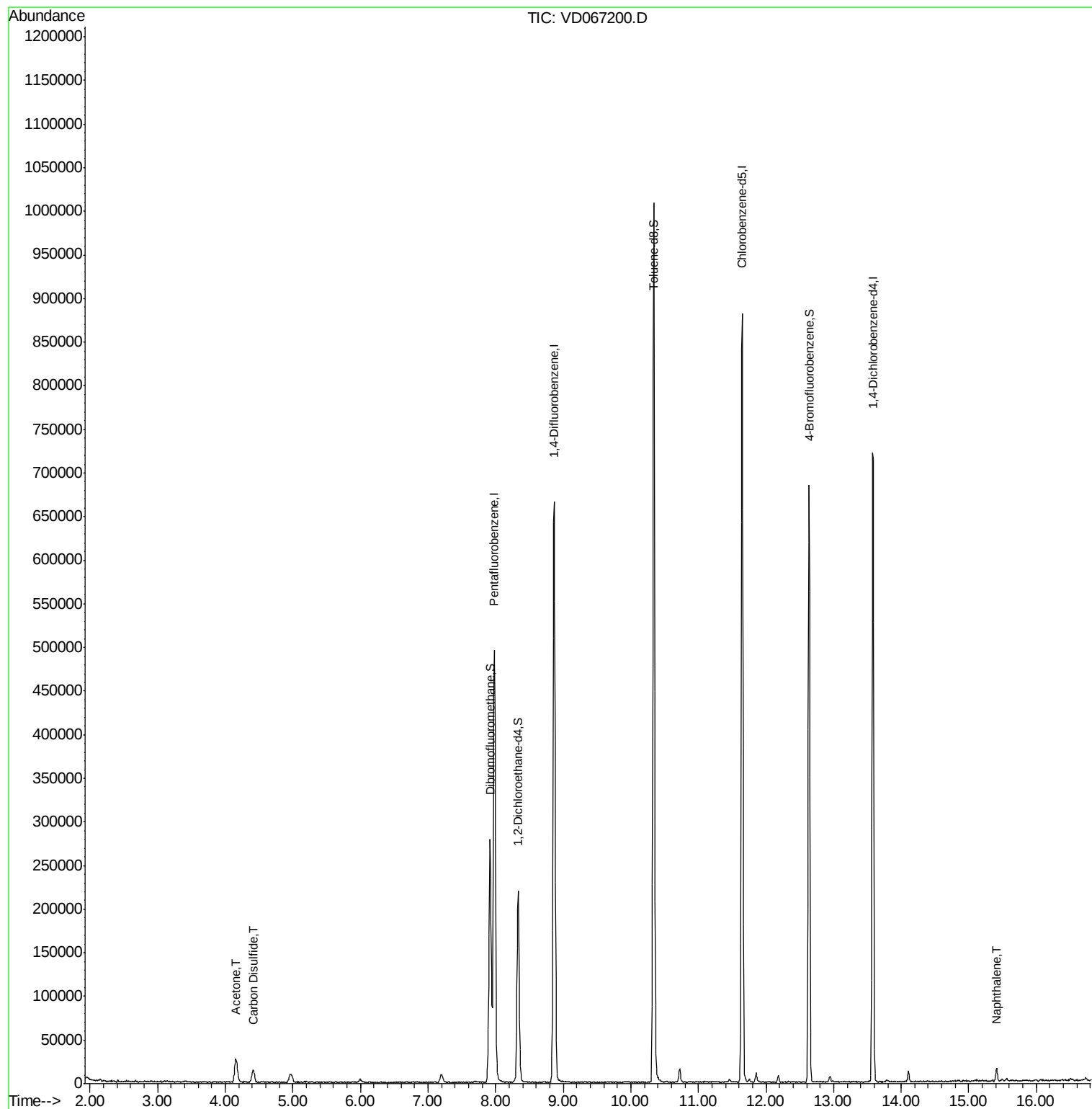
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	372775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	600608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	534832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	205102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	186217	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
35) Dibromofluoromethane	7.92	113	193763	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
50) Toluene-d8	10.34	98	697959	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.64	95	206614	42.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.96%	
Target Compounds						
16) Acetone	4.16	43	50174	91.542	ug/l #	88
17) Carbon Disulfide	4.41	76	30860	2.862	ug/l	97
95) Naphthalene	15.41	128	11836	1.918	ug/l #	93

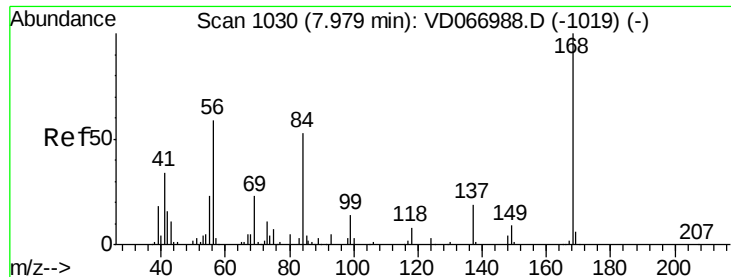
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067200.D

Acq: 08 Oct 2020 17:48

Instrument :

MSVOA_D

ClientSampled :

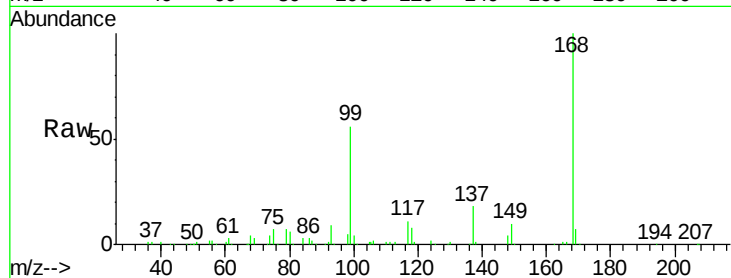
S-1A

Tot Ion:168 Resp: 372775

Ion Ratio Lower Upper

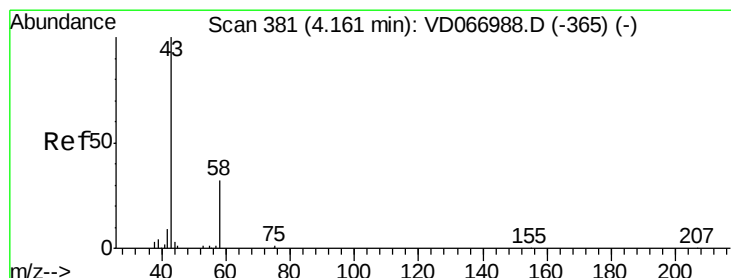
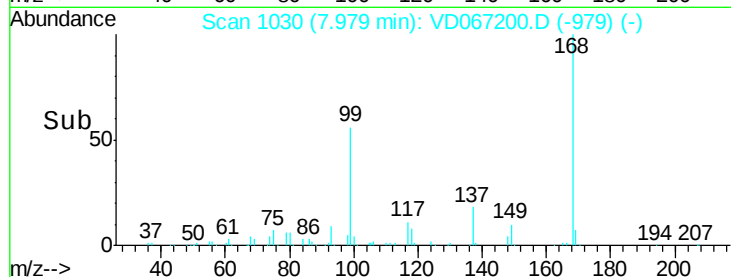
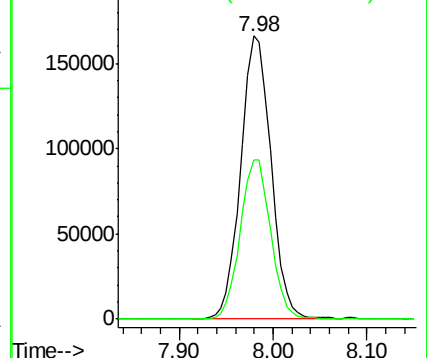
168 100

99 56.1 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: 91.542 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067200.D

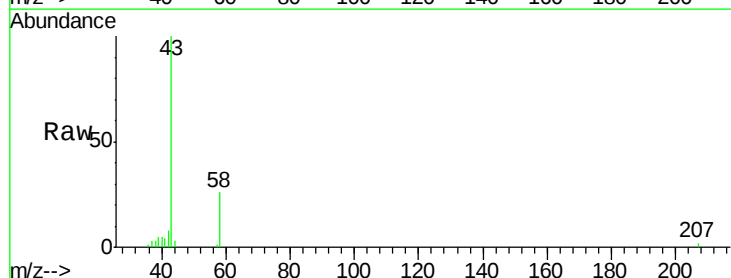
Acq: 08 Oct 2020 17:48

Tgt Ion: 43 Resp: 50174

Ion Ratio Lower Upper

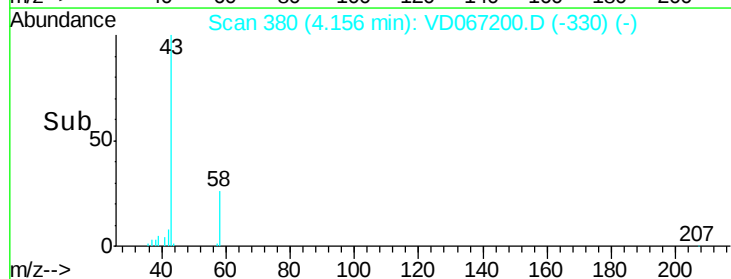
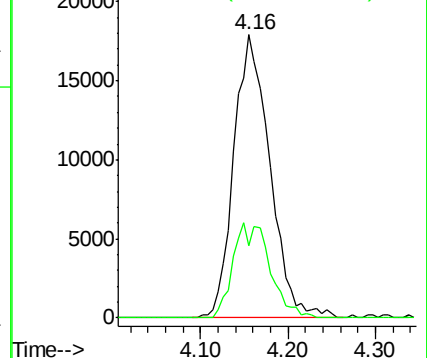
43 100

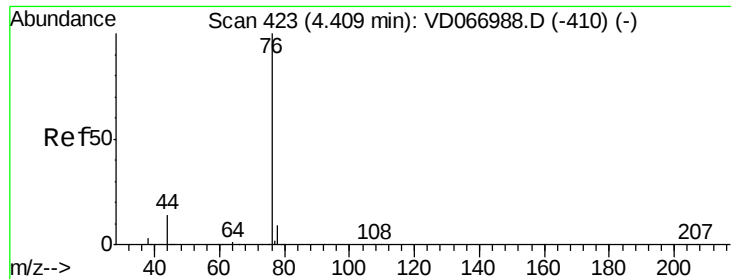
58 25.6 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

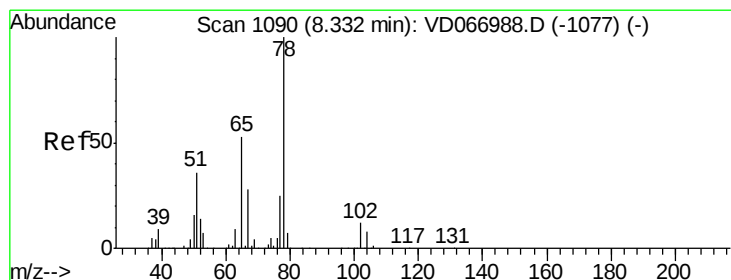
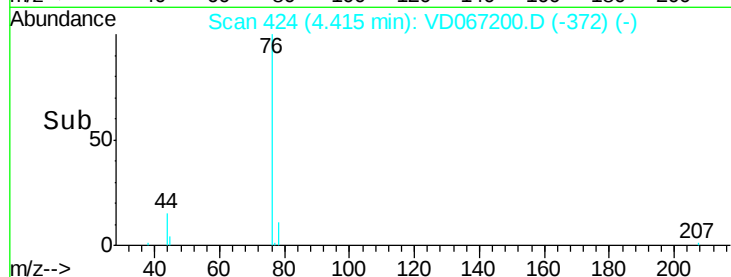
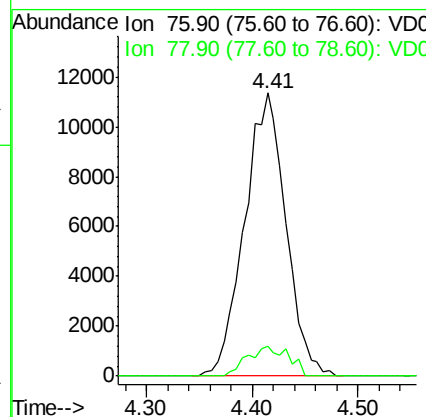
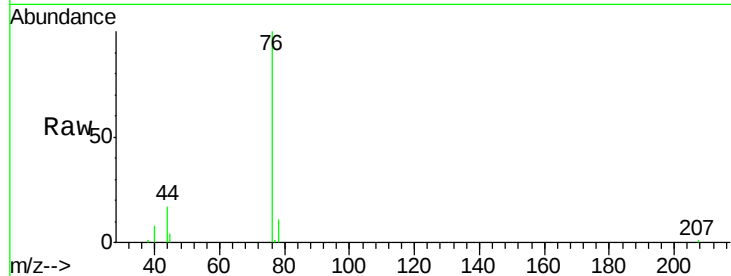




#17
Carbon Disulfide
Concen: 2.862 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067200.D
Acq: 08 Oct 2020 17:48

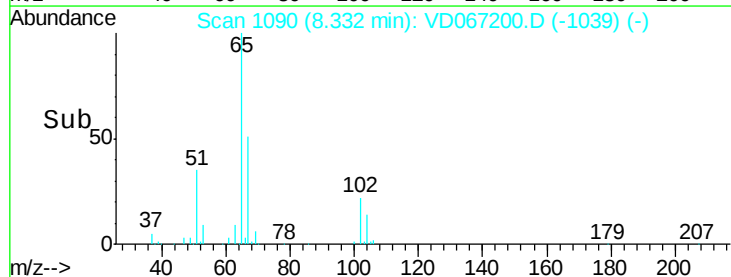
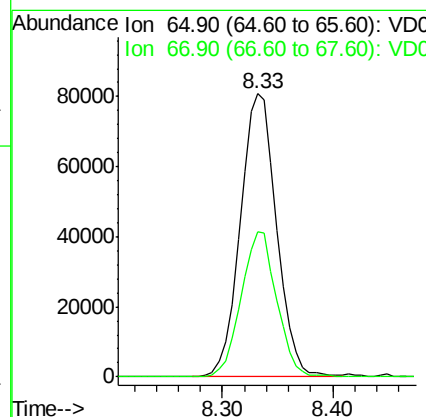
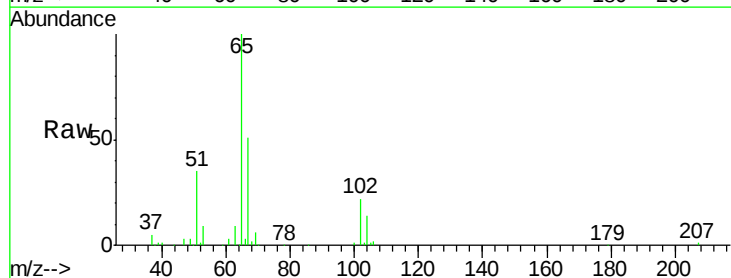
Instrument :
MSVOA_D
ClientSampled :
S-1A

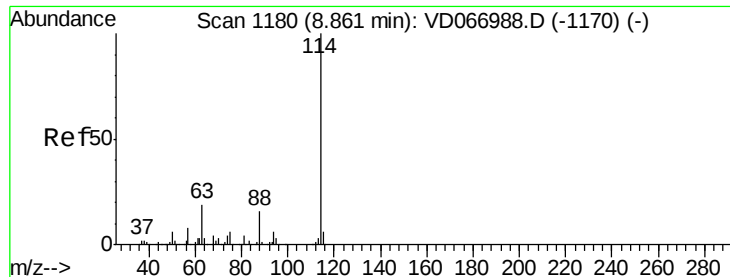
Tot Ion: 76 Resp: 30860
Ion Ratio Lower Upper
76 100
78 10.6 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 51.863 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067200.D
Acq: 08 Oct 2020 17:48

Tgt Ion: 65 Resp: 186217
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.8

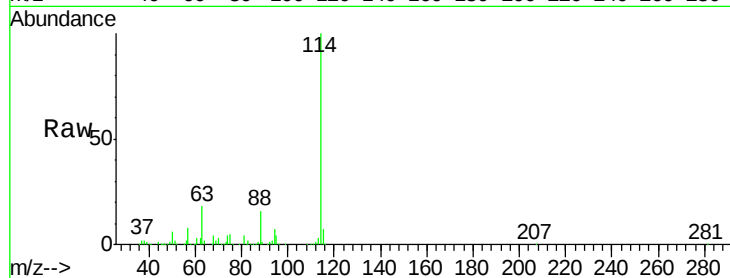




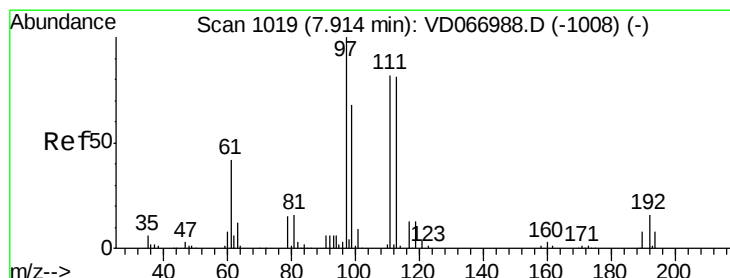
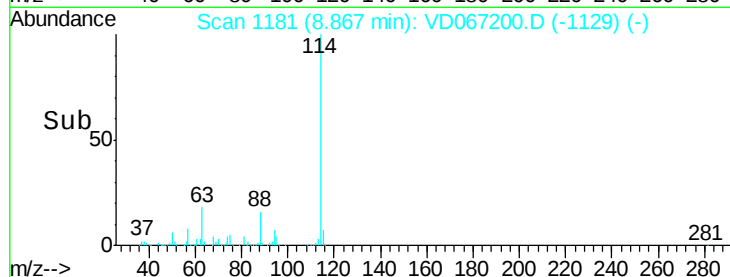
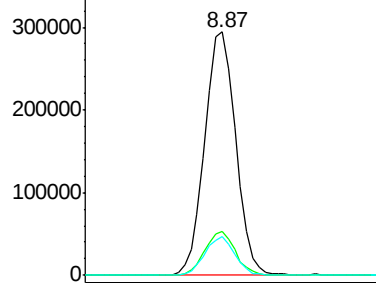
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VD067200.D
Acq: 08 Oct 2020 17:48

Instrument :
MSVOA_D
ClientSampleId :
S-1A

Tot Ion:114 Resp: 600608
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.4
88 15.7 0.0 31.2

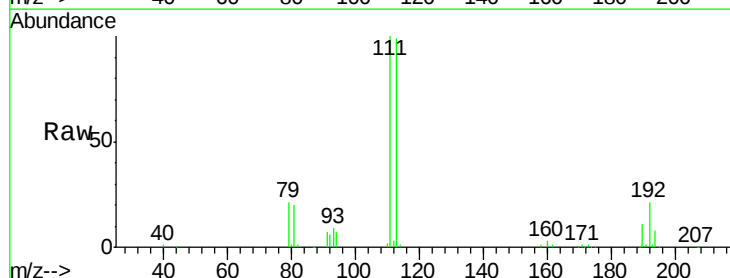


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

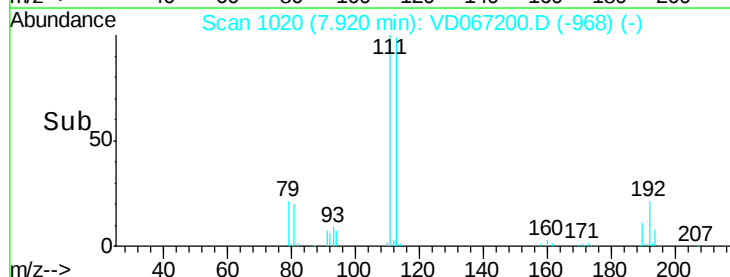
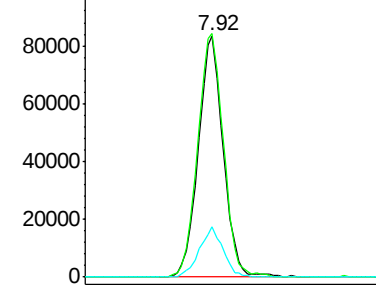


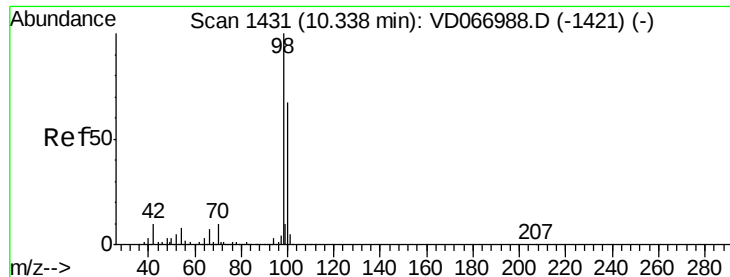
#35
Dibromofluoromethane
Concen: 49.278 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067200.D
Acq: 08 Oct 2020 17:48

Tgt Ion:113 Resp: 193763
Ion Ratio Lower Upper
113 100
111 103.9 83.0 124.4
192 19.7 15.5 23.3



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: 48.713 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067200.D

Acq: 08 Oct 2020 17:48

Instrument :

MSVOA_D

ClientSampleId :

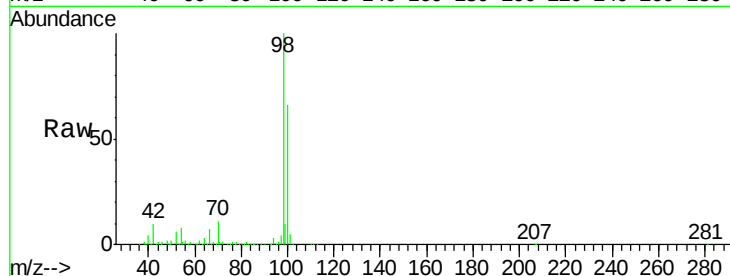
S-1A

Tot Ion: 98 Resp: 697959

Ion Ratio Lower Upper

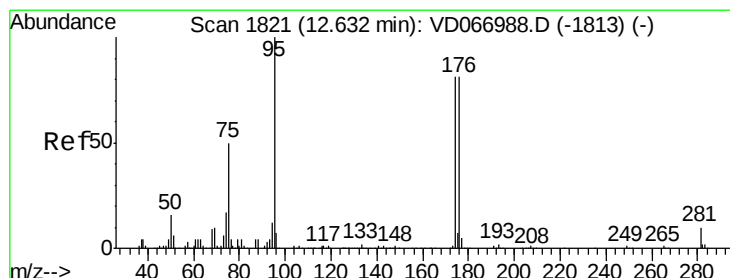
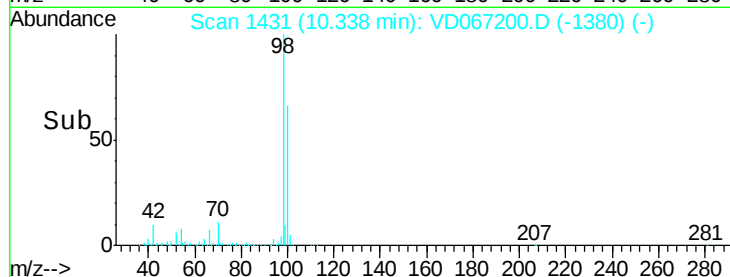
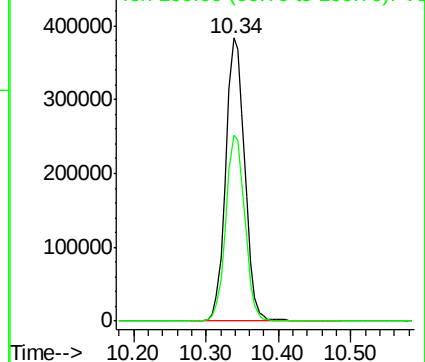
98 100

100 65.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 42.478 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067200.D

Acq: 08 Oct 2020 17:48

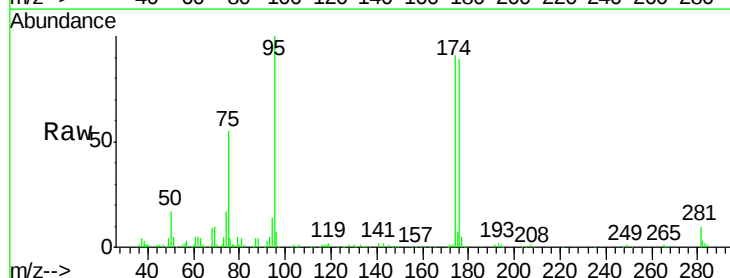
Tgt Ion: 95 Resp: 206614

Ion Ratio Lower Upper

95 100

174 87.7 0.0 167.6

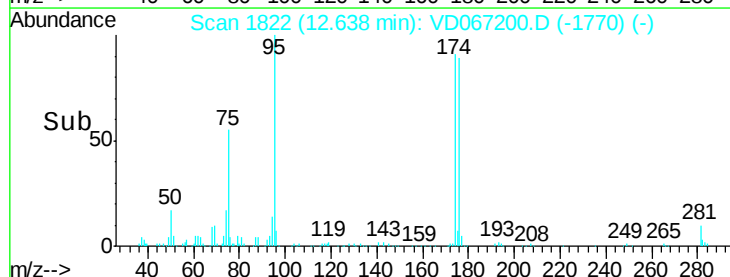
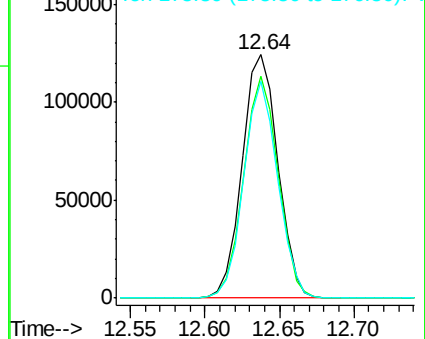
176 84.4 0.0 162.4

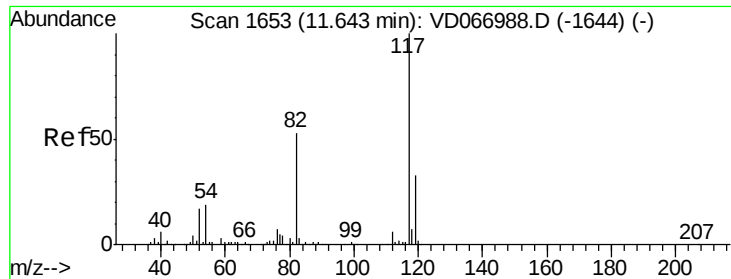


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

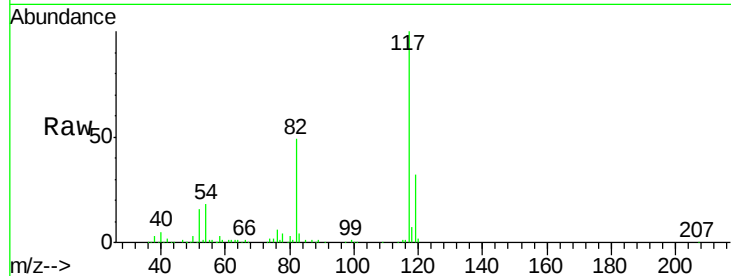




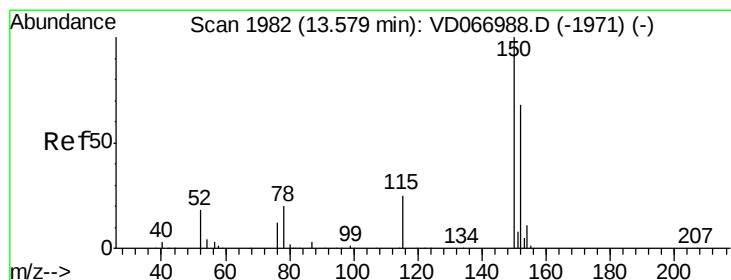
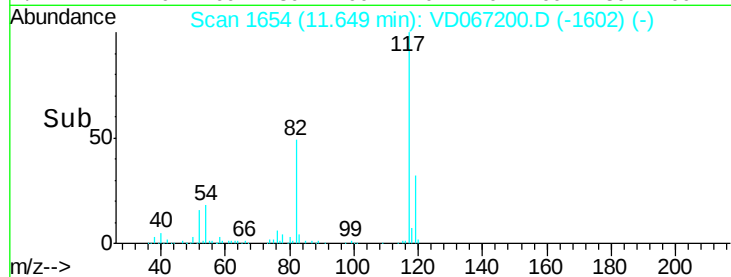
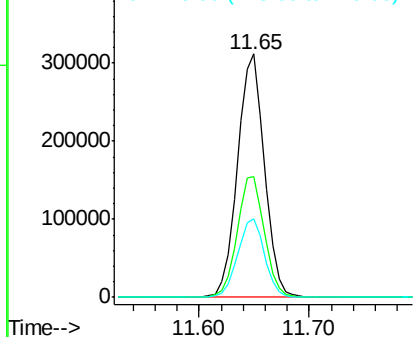
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067200.D
Acq: 08 Oct 2020 17:48

Instrument :
MSVOA_D
ClientSampleId :
S-1A

Tot Ion:117 Resp: 534832
Ion Ratio Lower Upper
117 100
82 49.4 42.6 63.8
119 32.4 26.3 39.5

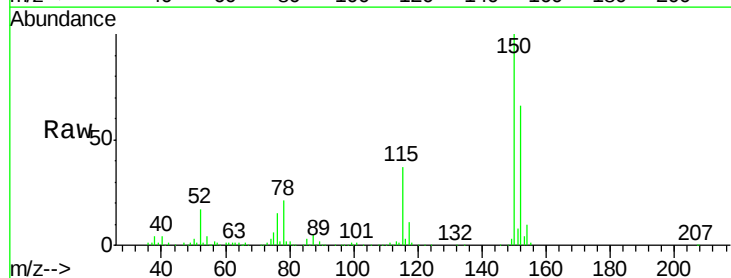


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

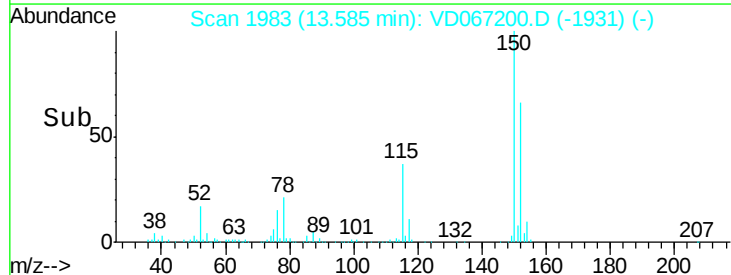
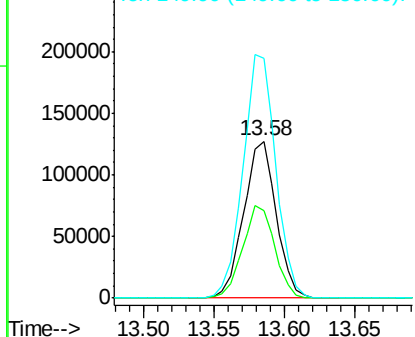


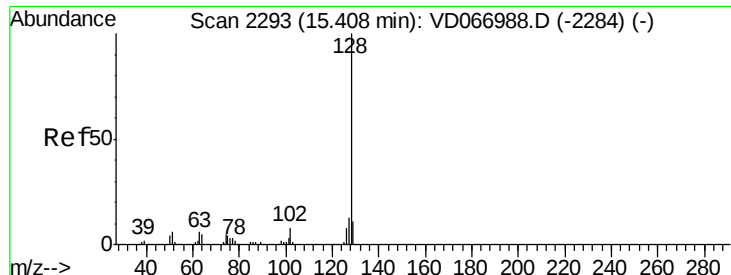
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067200.D
Acq: 08 Oct 2020 17:48

Tgt Ion:152 Resp: 205102
Ion Ratio Lower Upper
152 100
115 58.7 29.6 88.8
150 156.4 0.0 344.8



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





#95

Naphthalene

Concen: 1.918 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD067200.D

Acq: 08 Oct 2020 17:48

Instrument :

MSVOA_D

ClientSampleId :

S-1A

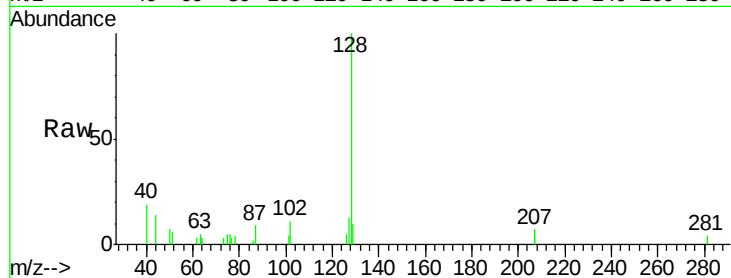
Tot Ion:128 Resp: 11836

Ion Ratio Lower Upper

128 100

127 16.2 10.3 15.5#

129 13.2 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

