

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067136.D
 Acq On : 07 Oct 2020 05:31
 Operator : VA/SY
 Sample : L4273-09
 Misc : 4.76G/5.00ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5

Quant Time: Oct 07 06:21:24 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

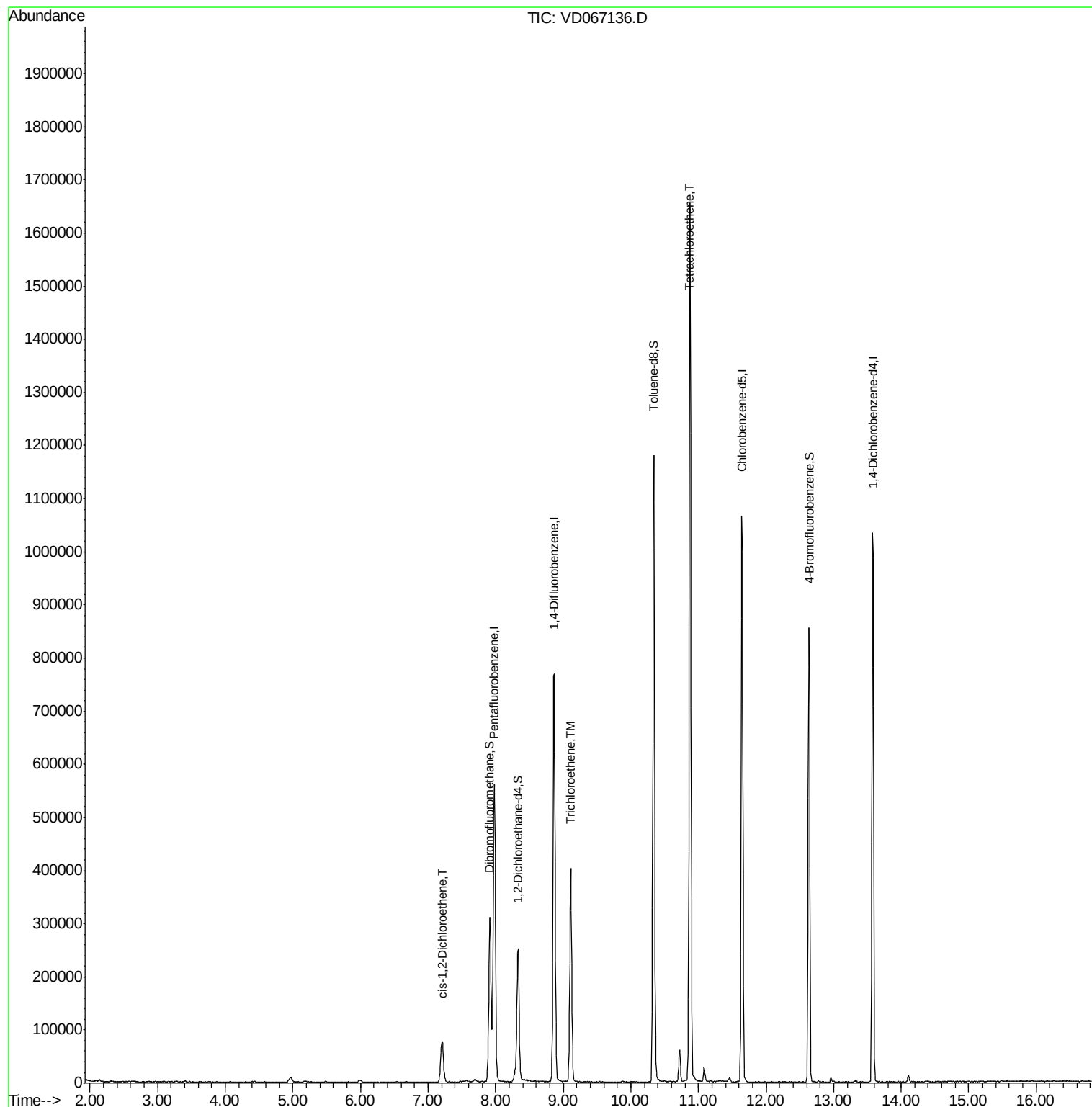
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	427655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	692655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	646585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	292714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	212438	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
35) Dibromofluoromethane	7.92	113	226690	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	10.34	98	813834	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.64	95	267511	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
Target Compounds						
27) cis-1,2-Dichloroethene	7.21	96	37592	7.672	ug/l	86
44) Trichloroethene	9.11	130	157955	29.497	ug/l	93
64) Tetrachloroethene	10.88	164	405577	86.281	ug/l	94

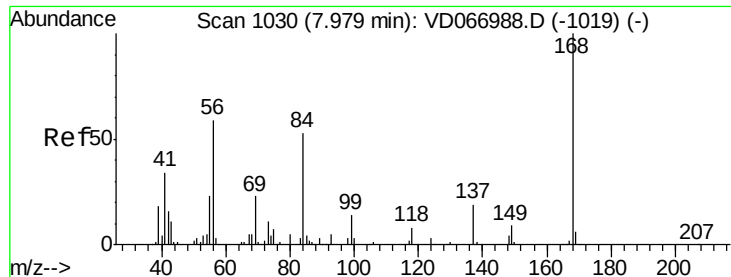
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100620\
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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: VD067136.D

Acq: 07 Oct 2020 05:31

Instrument :

MSVOA_D

ClientSampleId :

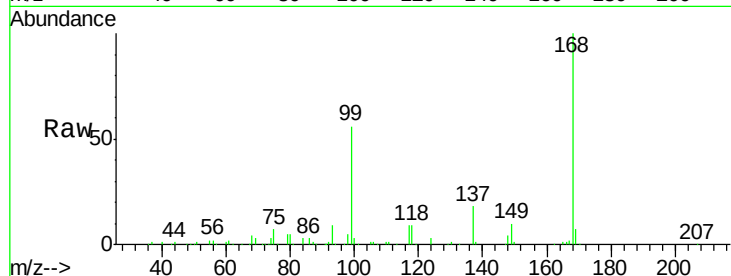
SB-5

Tot Ion:168 Resp: 427655

Ion Ratio Lower Upper

168 100

99 56.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

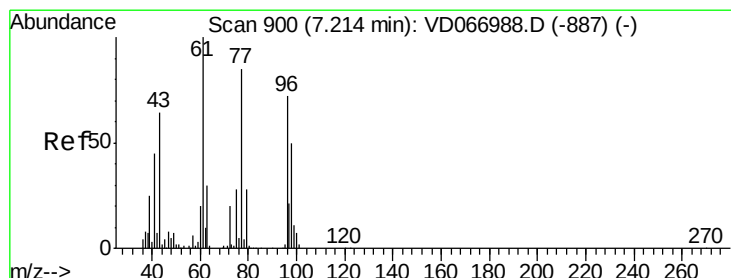
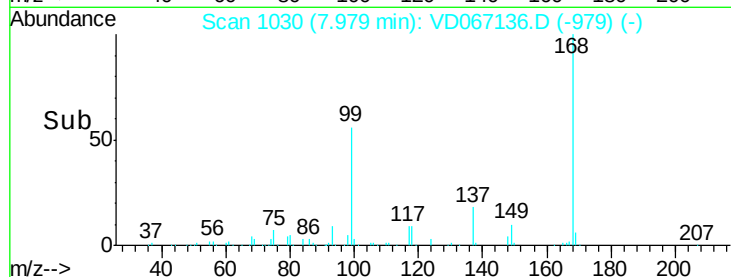
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 7.672 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067136.D

Acq: 07 Oct 2020 05:31

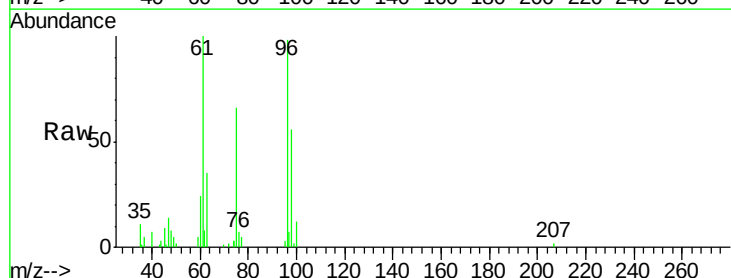
Tgt Ion: 96 Resp: 37592

Ion Ratio Lower Upper

96 100

61 111.8 0.0 269.2

98 62.6 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

20000

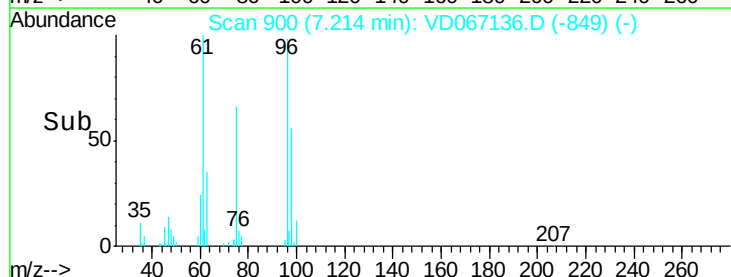
15000

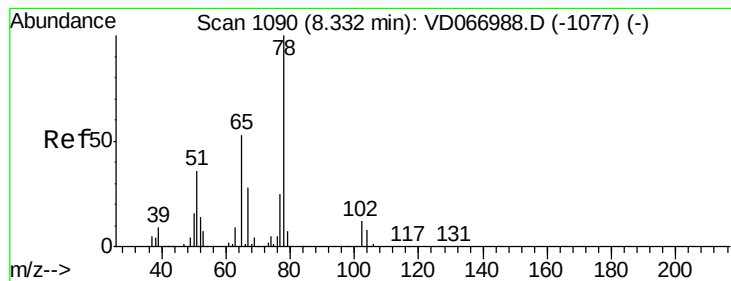
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.573 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067136.D

Acq: 07 Oct 2020 05:31

Instrument :

MSVOA_D

ClientSampled :

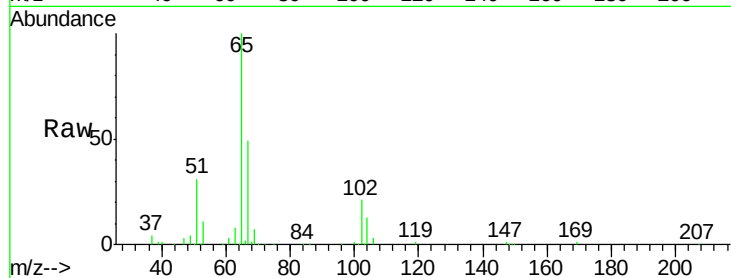
SB-5

Tot Ion: 65 Resp: 212438

Ion Ratio Lower Upper

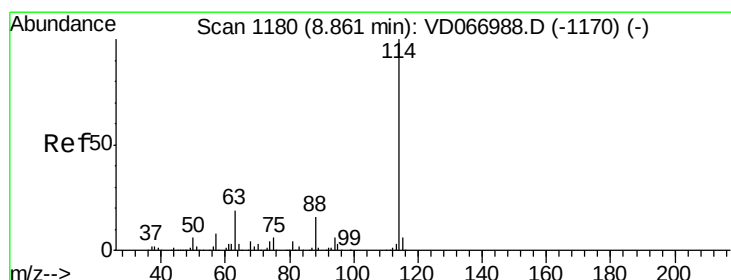
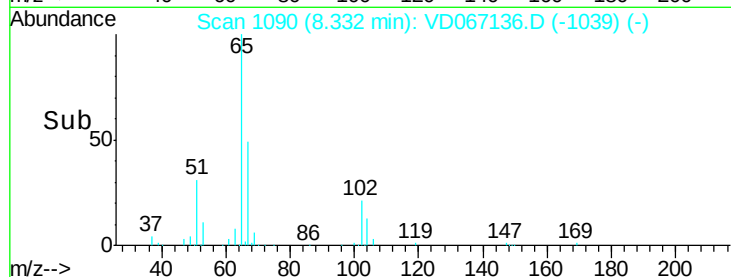
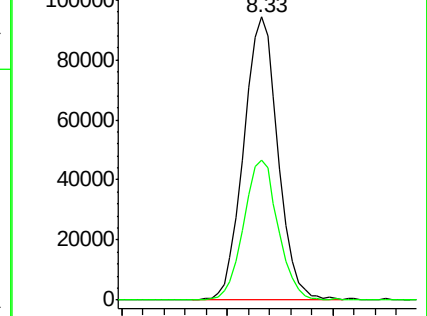
65 100

67 49.6 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: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067136.D

Acq: 07 Oct 2020 05:31

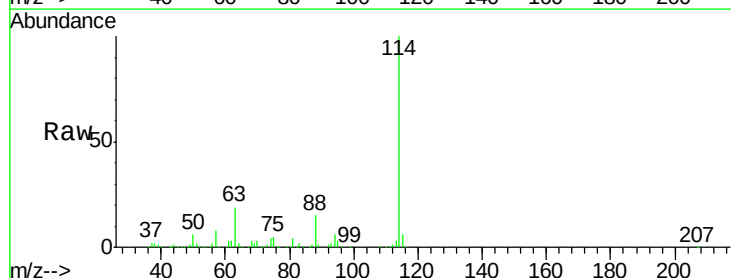
Tgt Ion: 114 Resp: 692655

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

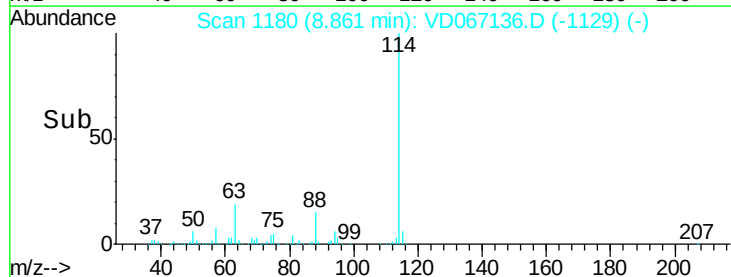
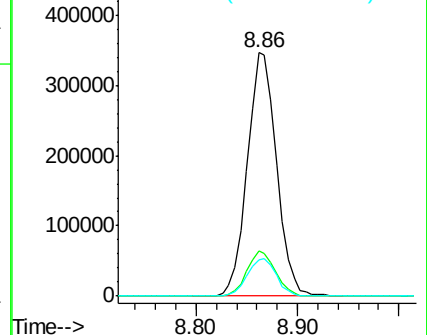
88 14.9 0.0 31.2

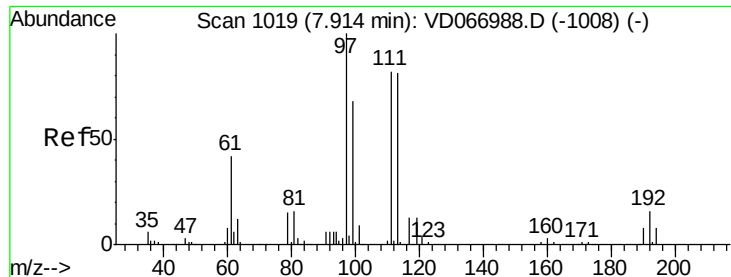


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

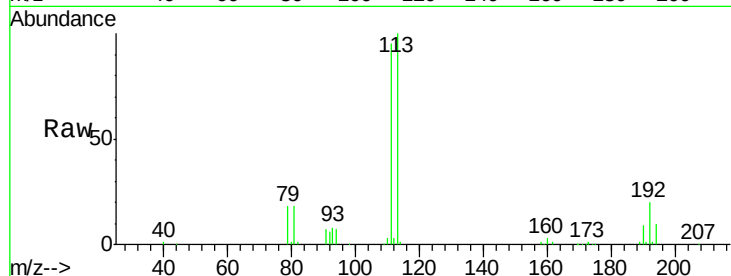




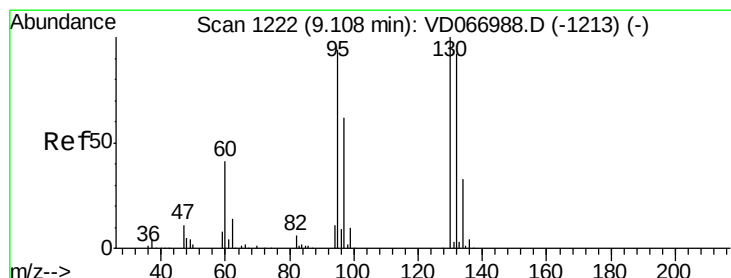
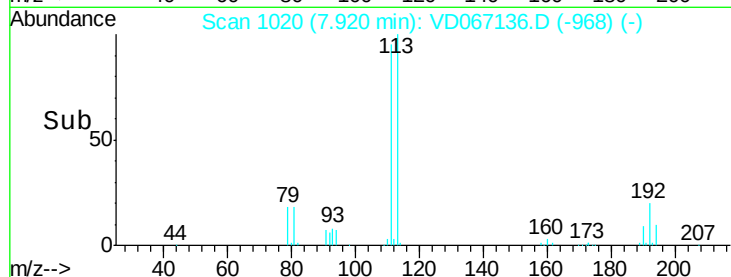
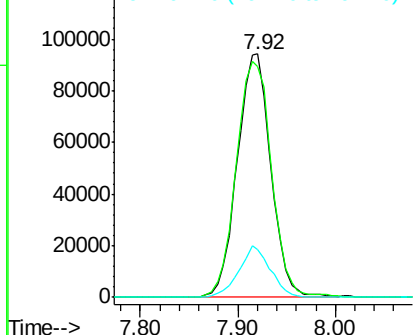
#35
 Dibromofluoromethane
 Concen: 49.990 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067136.D
 Acq: 07 Oct 2020 05:31

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5

Tot Ion:113 Resp: 226690
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.0 124.4
 192 19.8 15.5 23.3

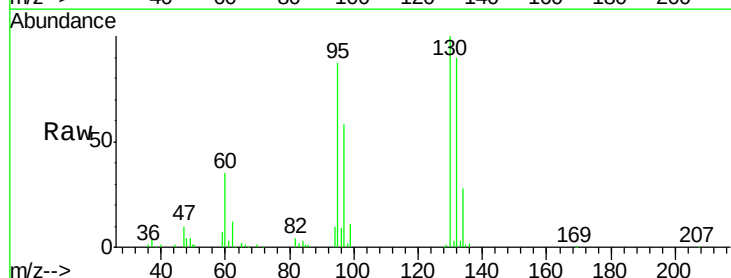


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

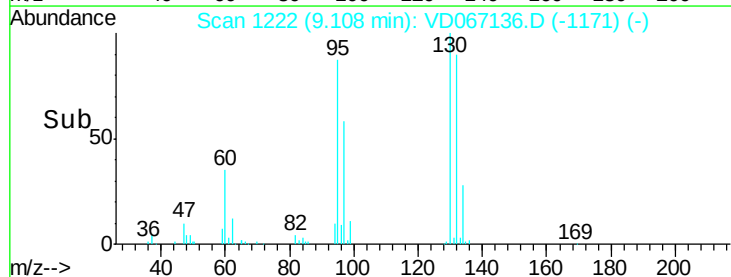
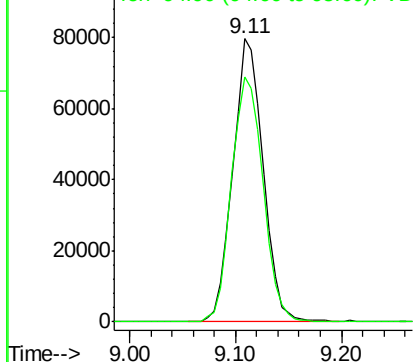


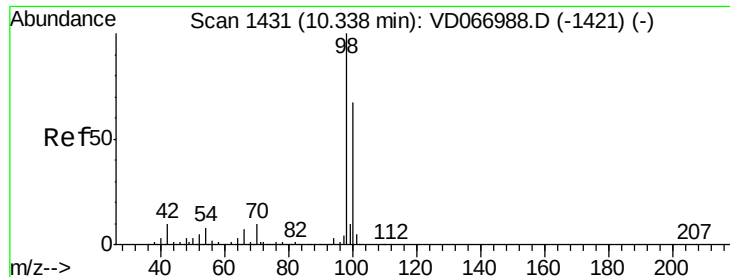
#44
 Trichloroethene
 Concen: 29.497 ug/l
 RT: 9.11 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: VD067136.D
 Acq: 07 Oct 2020 05:31

Tgt Ion:130 Resp: 157955
 Ion Ratio Lower Upper
 130 100
 95 86.7 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V

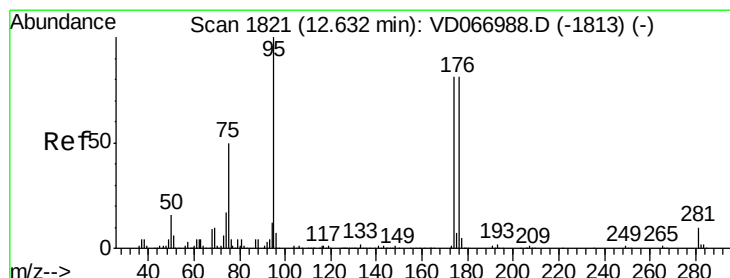
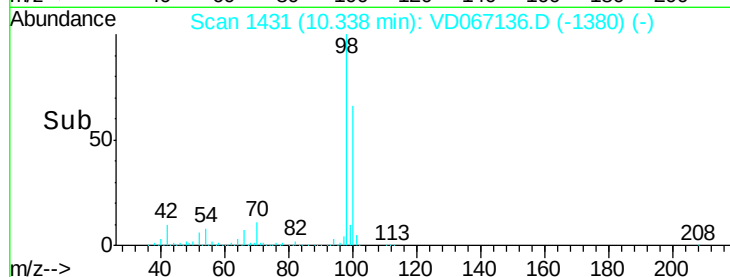
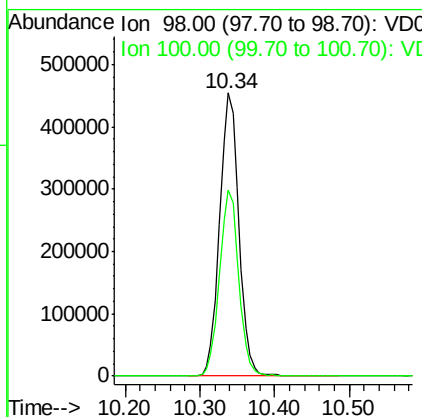
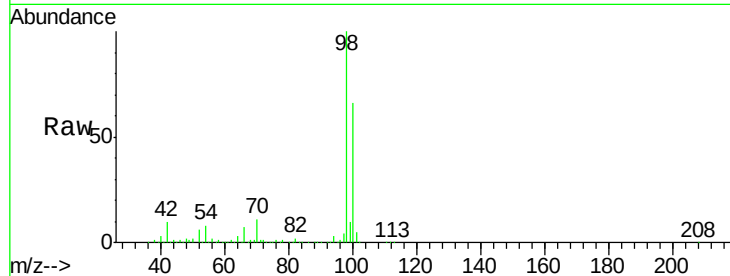




#50
Toluene-d8
Concen: 49.252 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067136.D
Acq: 07 Oct 2020 05:31

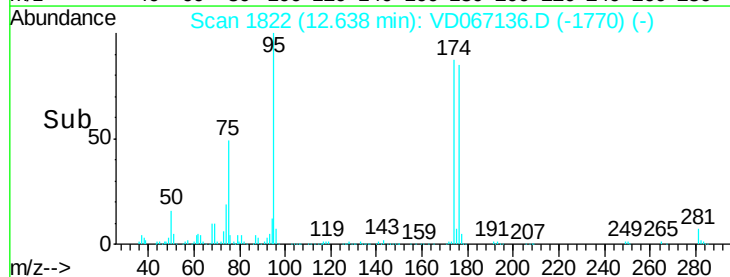
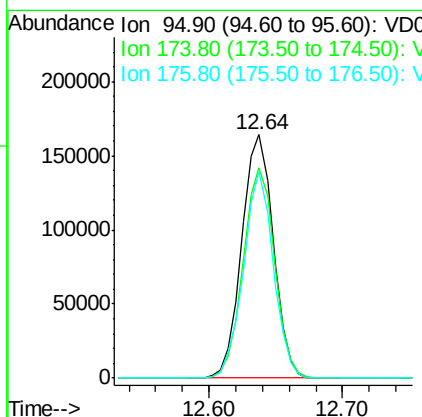
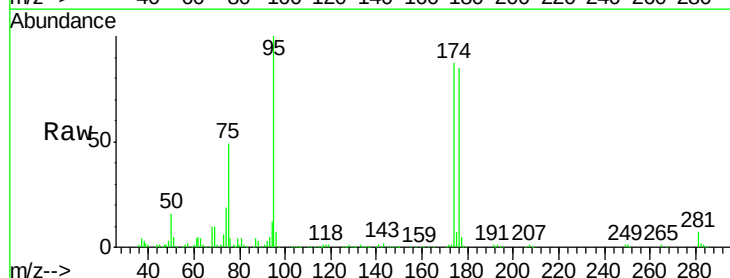
Instrument :
MSVOA_D
ClientSampled :
SB-5

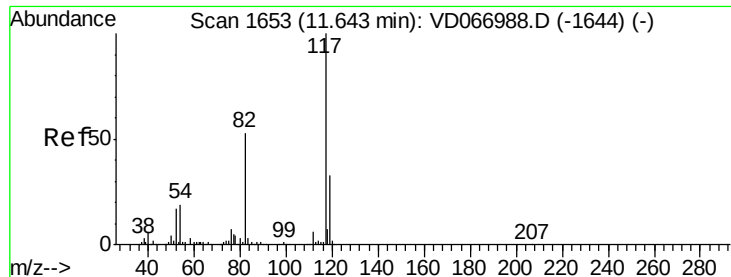
Tot Ion: 98 Resp: 813834
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.689 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067136.D
Acq: 07 Oct 2020 05:31

Tgt Ion: 95 Resp: 267511
Ion Ratio Lower Upper
95 100
174 86.3 0.0 167.6
176 80.3 0.0 162.4

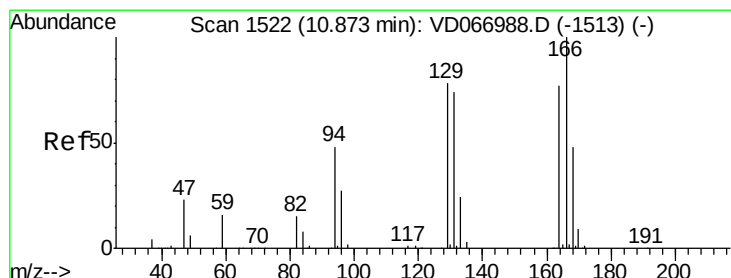
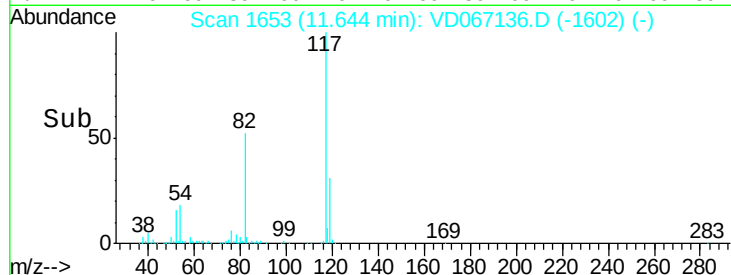
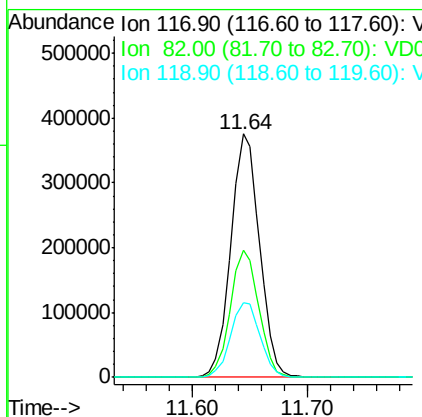
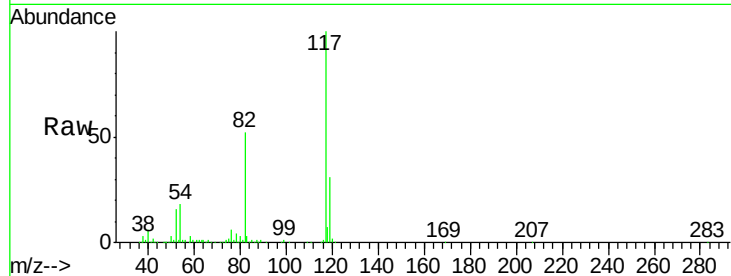




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067136.D
Acq: 07 Oct 2020 05:31

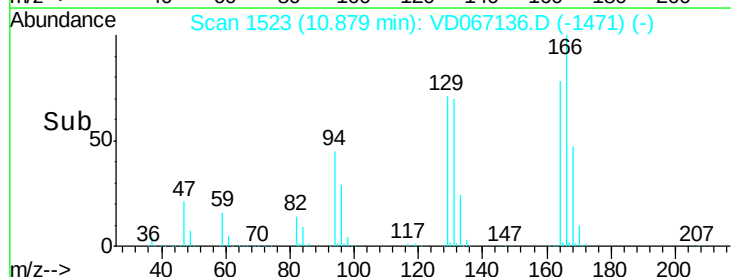
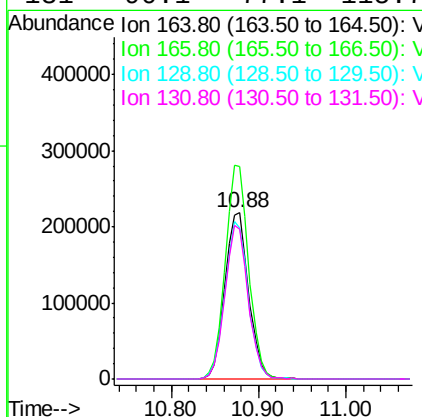
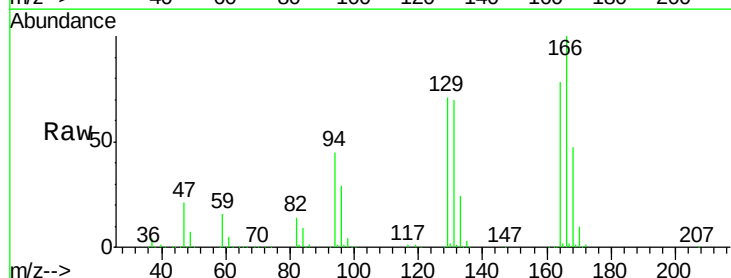
Instrument :
MSVOA_D
ClientSampleId :
SB-5

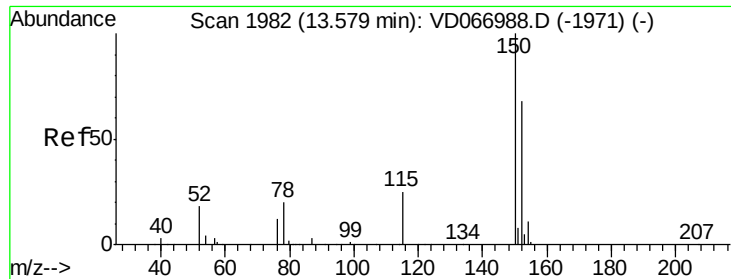
Tot Ion:117 Resp: 646585
Ion Ratio Lower Upper
117 100
82 52.3 42.6 63.8
119 30.7 26.3 39.5



#64
Tetrachloroethene
Concen: 86.281 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD067136.D
Acq: 07 Oct 2020 05:31

Tgt Ion:164 Resp: 405577
Ion Ratio Lower Upper
164 100
166 128.3 104.4 156.6
129 90.8 81.3 121.9
131 90.1 77.1 115.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067136.D

Acq: 07 Oct 2020 05:31

Instrument :

MSVOA_D

ClientSampleId :

SB-5

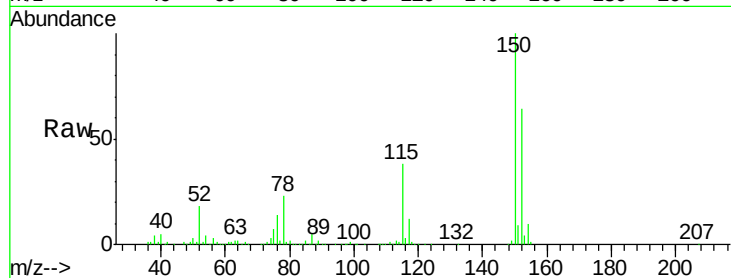
Tot Ion:152 Resp: 292714

Ion Ratio Lower Upper

152 100

115 59.2 29.6 88.8

150 155.6 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

