

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066659.D
 Acq On : 11 Sep 2020 20:09
 Operator : VA/SY
 Sample : L3981-10
 Misc : 13.23G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B20-0-2

Quant Time: Sep 12 02:03:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

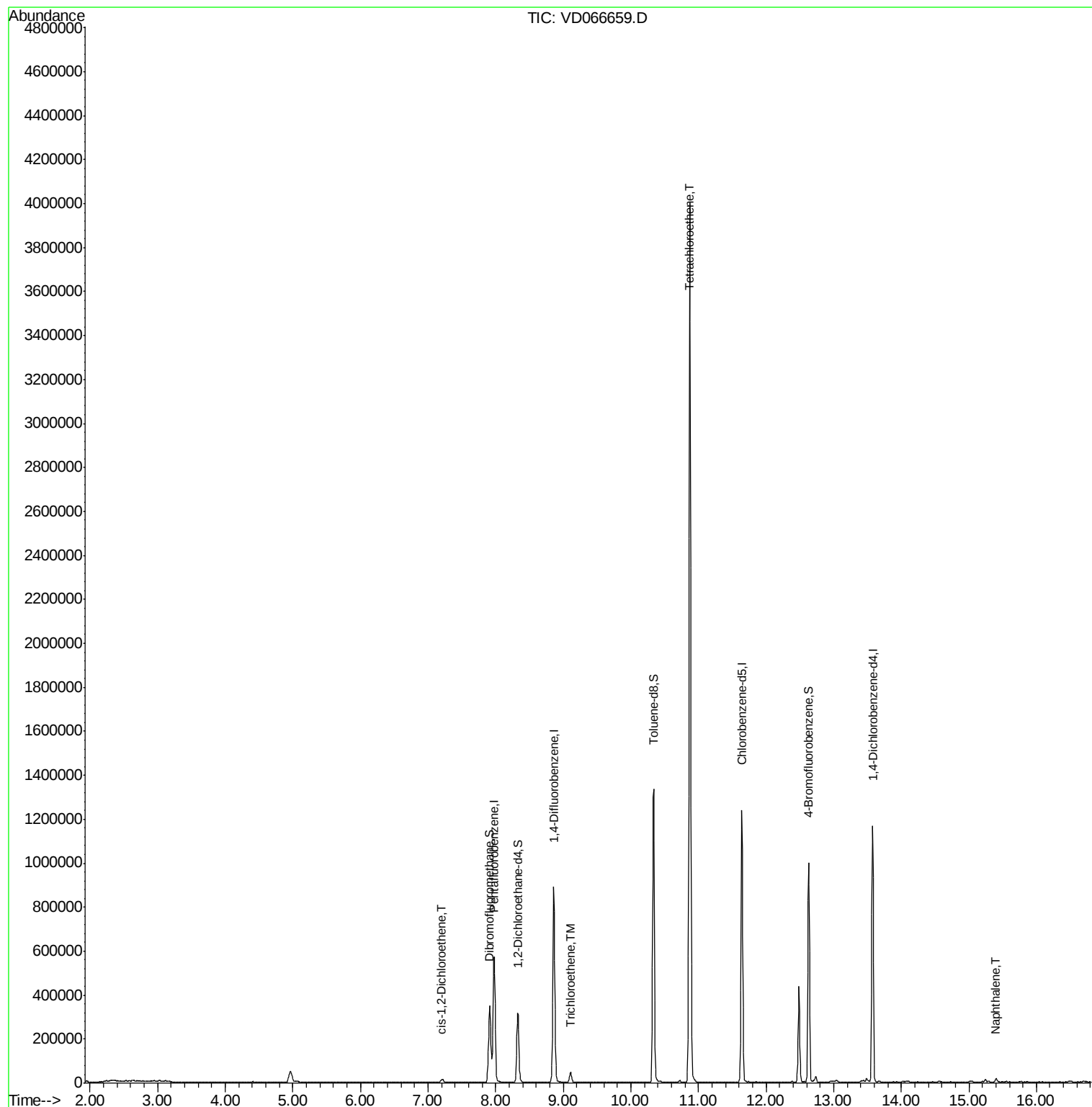
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	392937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	712860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	674024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293269	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	255592	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
35) Dibromofluoromethane	7.91	113	246352	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
50) Toluene-d8	10.34	98	879580	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.63	95	312090	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
Target Compounds						
27) cis-1,2-Dichloroethene	7.21	96	9033	1.787	ug/l	81
44) Trichloroethene	9.11	130	16754	3.144	ug/l	86
64) Tetrachloroethene	10.87	164	856295	188.685	ug/l	95
95) Naphthalene	15.41	128	13011	1.477	ug/l #	95

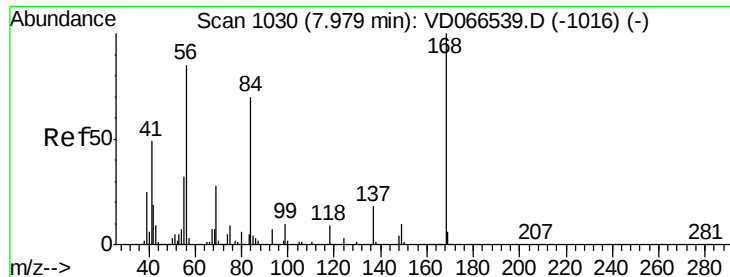
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 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: VD066659.D

Acq: 11 Sep 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

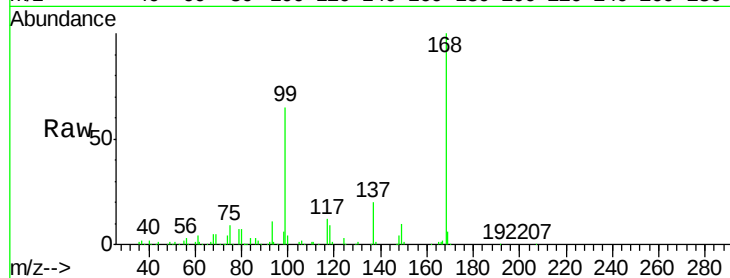
B20-0-2

Tot Ion:168 Resp: 392937

Ion Ratio Lower Upper

168 100

99 64.9 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

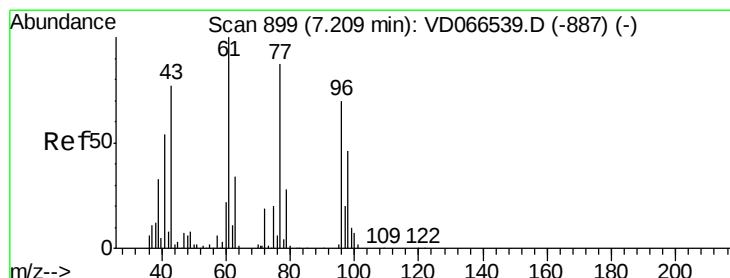
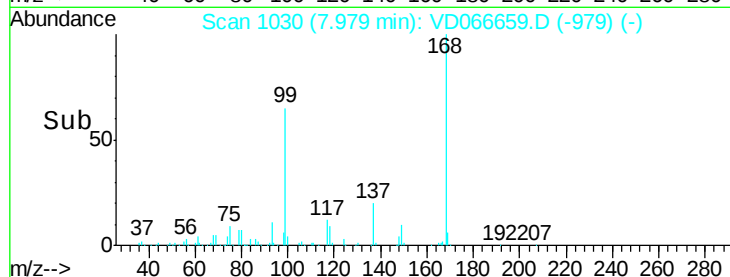
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.787 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066659.D

Acq: 11 Sep 2020 20:09

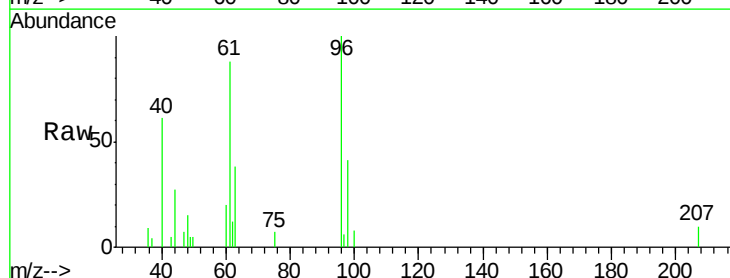
Tgt Ion: 96 Resp: 9033

Ion Ratio Lower Upper

96 100

61 116.6 0.0 301.0

98 67.2 0.0 129.8



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

6000

5000

4000

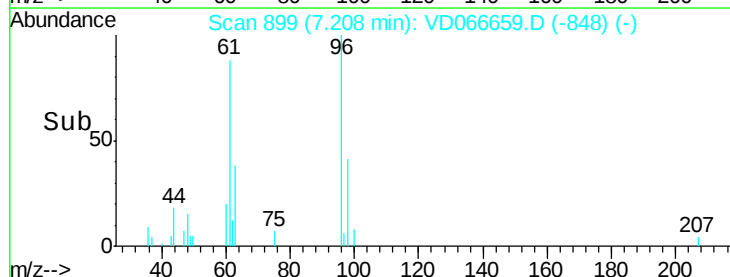
3000

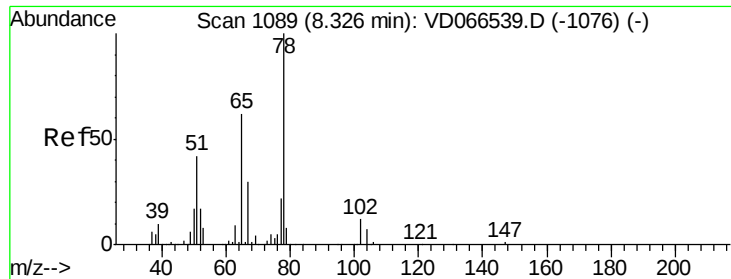
2000

1000

0

Time-->

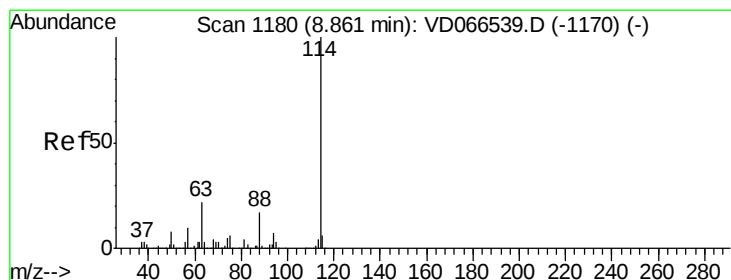
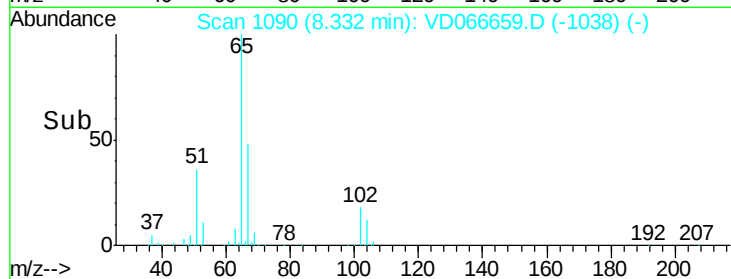
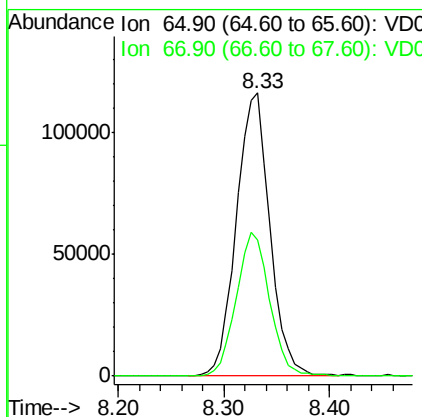
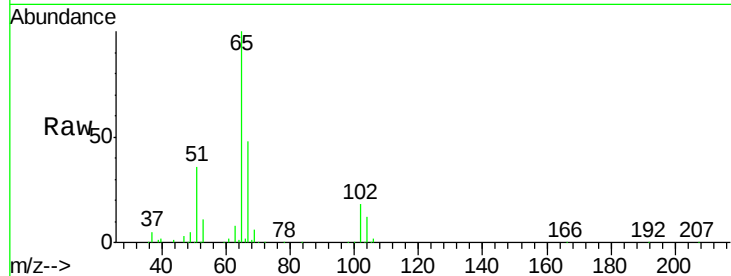




#33
 1,2-Dichloroethane-d4
 Concen: 53.762 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: VD066659.D
 Acq: 11 Sep 2020 20:09

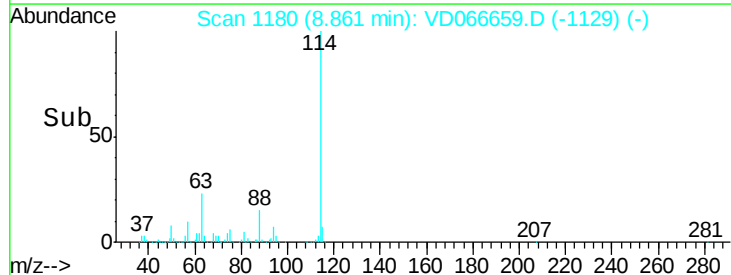
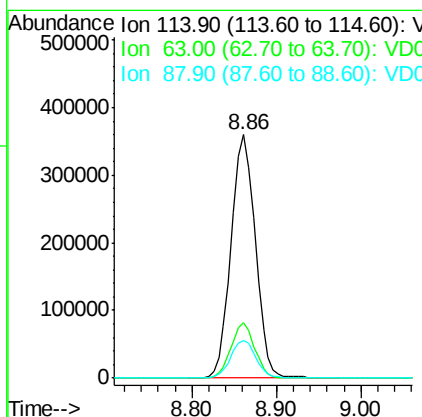
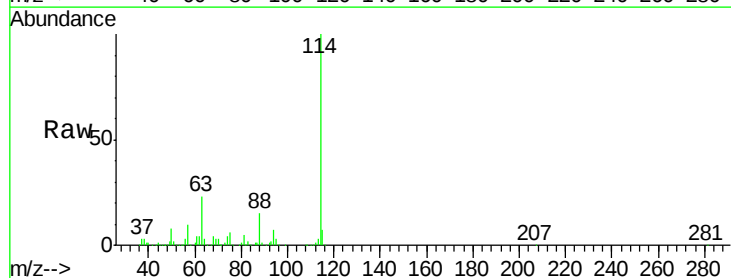
Instrument :
 MSVOA_D
 ClientSampled :
 B20-0-2

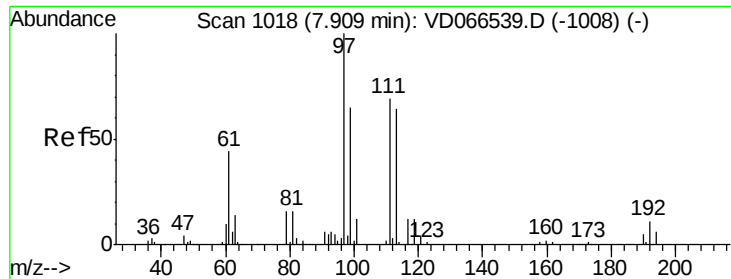
Tot Ion: 65 Resp: 255592
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066659.D
 Acq: 11 Sep 2020 20:09

Tgt Ion: 114 Resp: 712860
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.2
 88 15.4 0.0 33.2

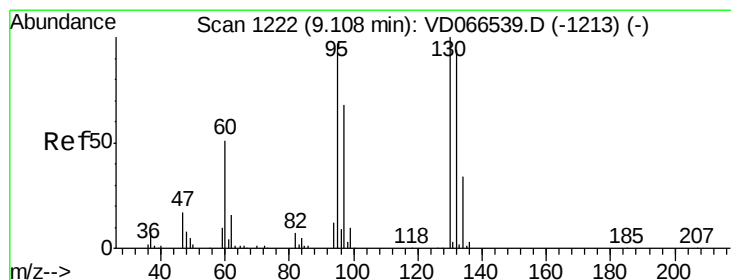
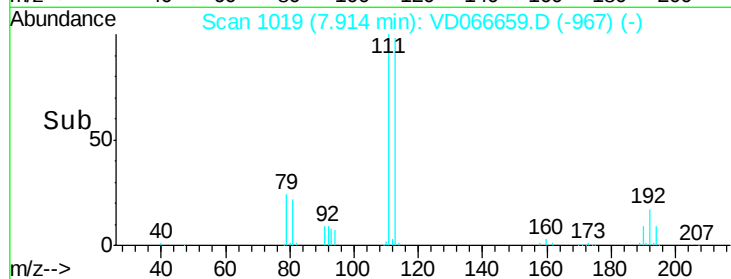
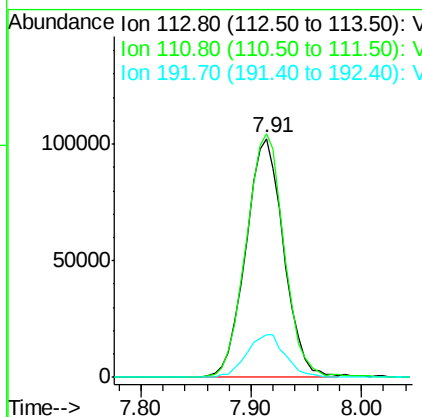
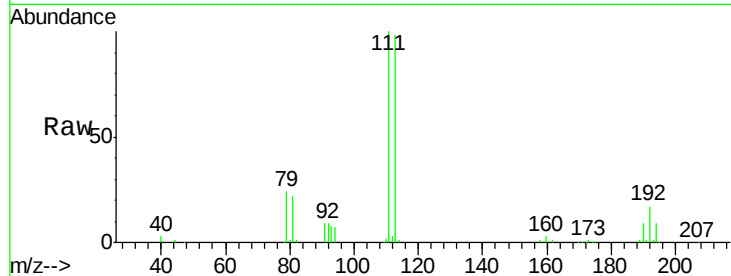




#35
Dibromofluoromethane
Concen: 51.227 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066659.D
Acq: 11 Sep 2020 20:09

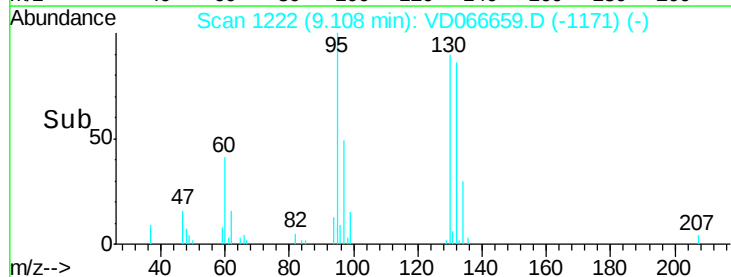
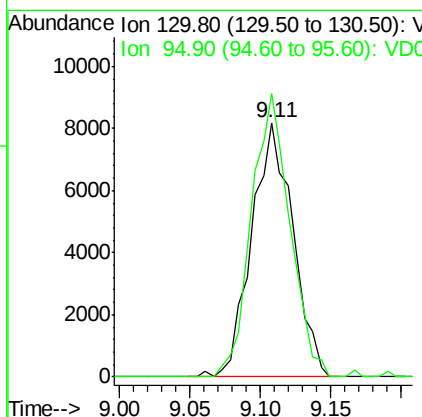
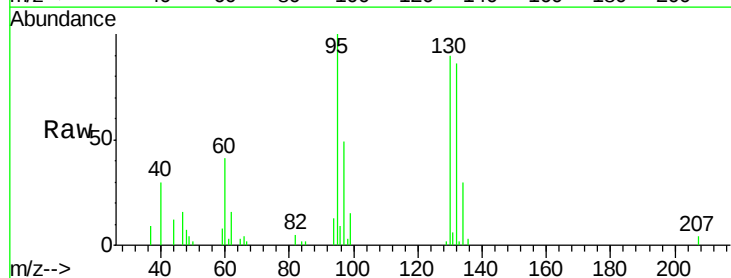
Instrument :
MSVOA_D
ClientSampleId :
B20-0-2

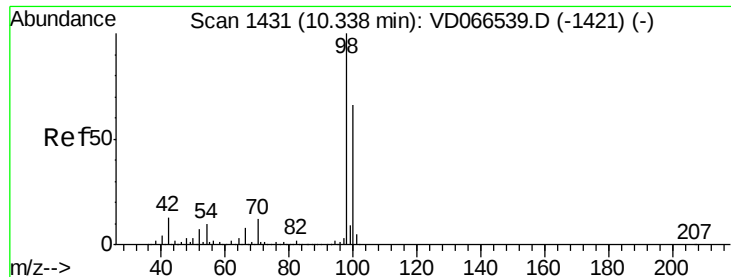
Tot Ion:113 Resp: 246352
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 18.0 13.7 20.5



#44
Trichloroethene
Concen: 3.144 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066659.D
Acq: 11 Sep 2020 20:09

Tgt Ion:130 Resp: 16754
Ion Ratio Lower Upper
130 100
95 111.3 0.0 194.4

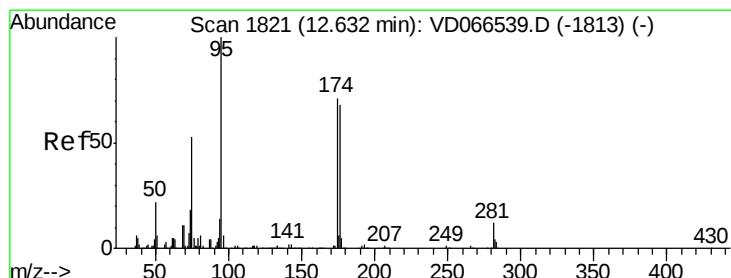
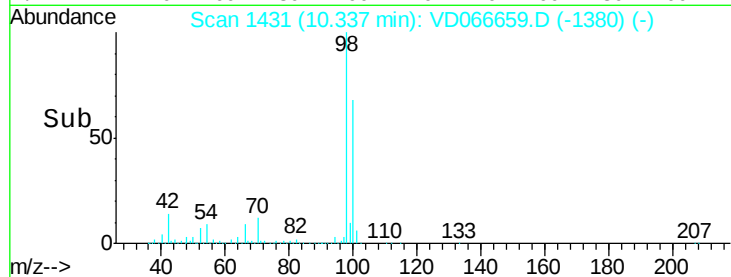
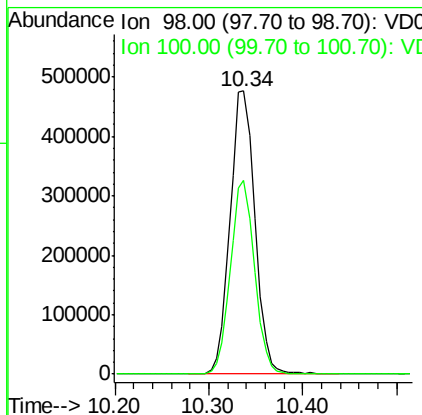
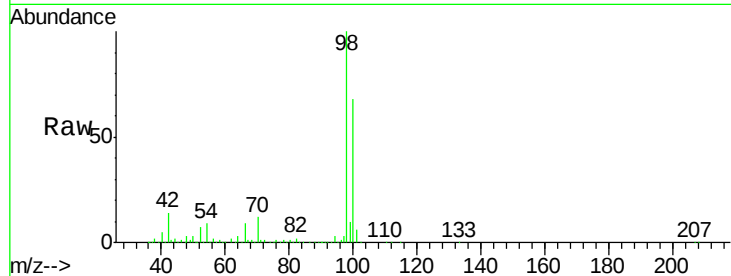




#50
Toluene-d8
Concen: 51.174 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066659.D
Acq: 11 Sep 2020 20:09

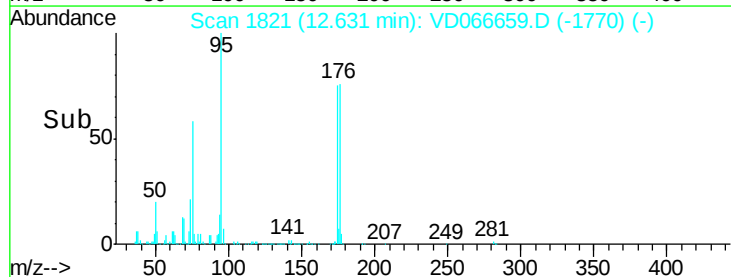
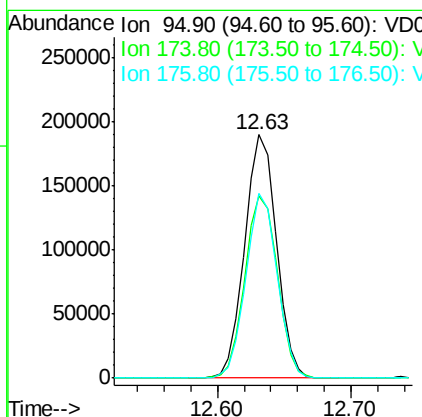
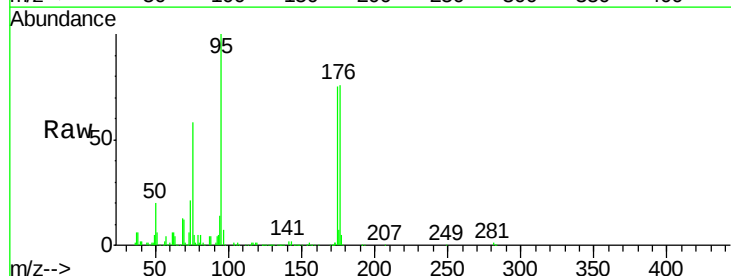
Instrument :
MSVOA_D
ClientSampleId :
B20-0-2

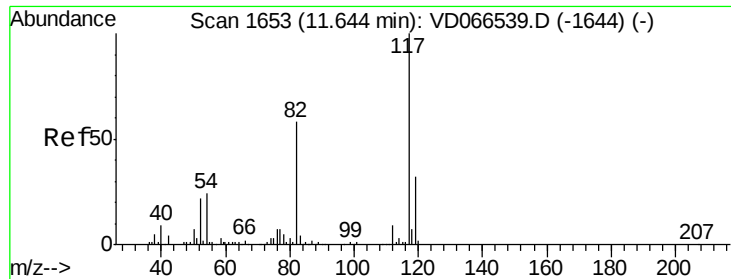
Tot Ion: 98 Resp: 879580
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 54.758 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066659.D
Acq: 11 Sep 2020 20:09

Tgt Ion: 95 Resp: 312090
Ion Ratio Lower Upper
95 100
174 76.5 0.0 155.8
176 74.4 0.0 148.6

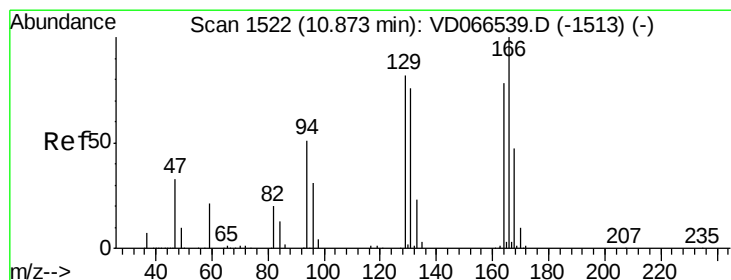
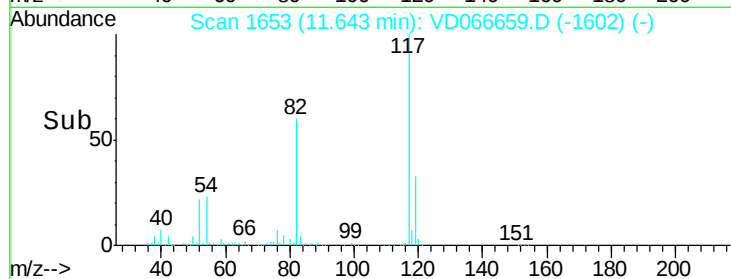
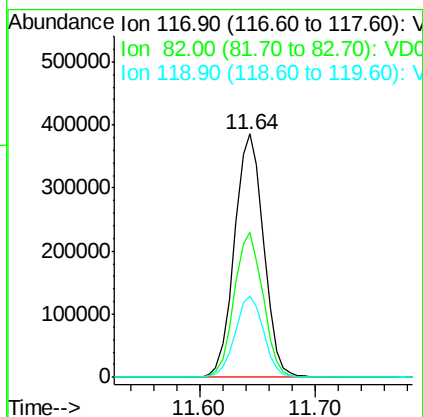
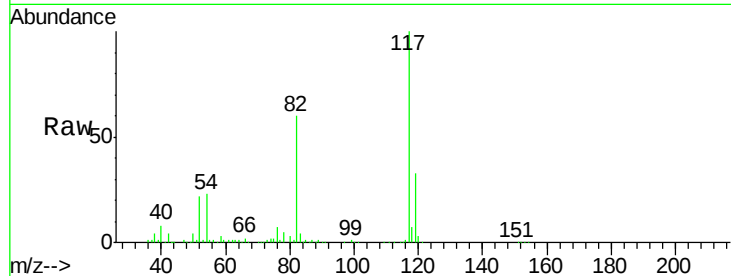




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066659.D
Acq: 11 Sep 2020 20:09

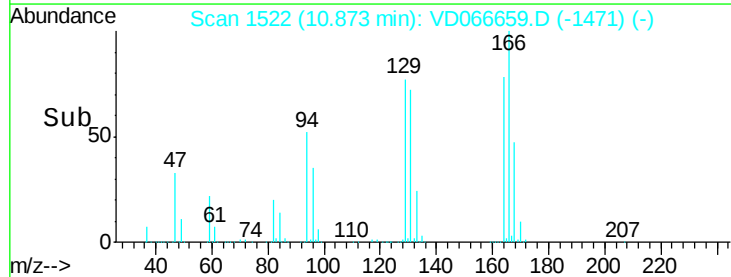
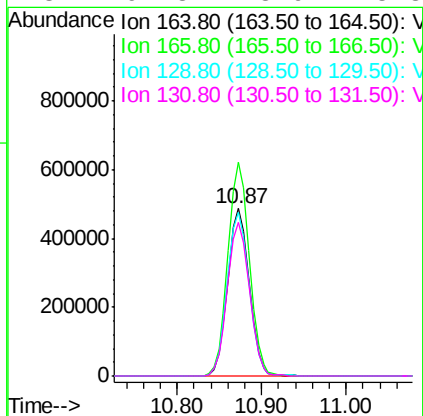
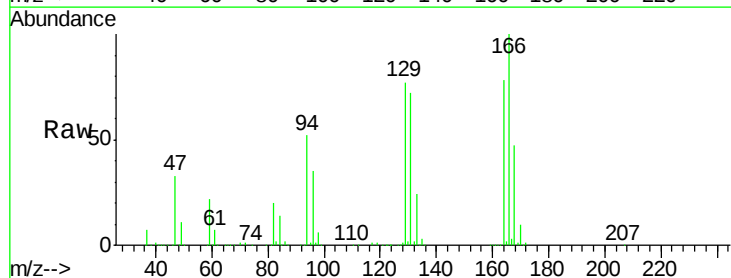
Instrument :
MSVOA_D
ClientSampleId :
B20-0-2

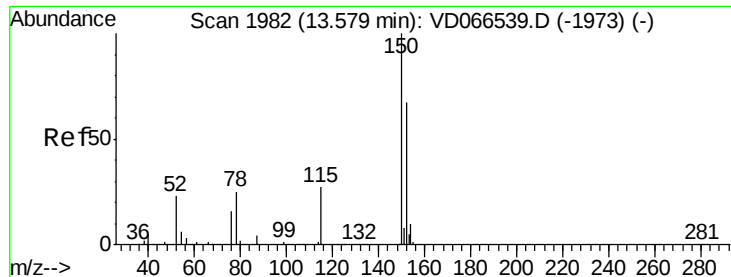
Tot Ion:117 Resp: 674024
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.2
119 33.0 25.8 38.8



#64
Tetrachloroethene
Concen: 188.685 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066659.D
Acq: 11 Sep 2020 20:09

Tgt Ion:164 Resp: 856295
Ion Ratio Lower Upper
164 100
166 127.5 103.2 154.8
129 97.7 84.5 126.7
131 91.8 78.9 118.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066659.D

Acq: 11 Sep 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

B20-0-2

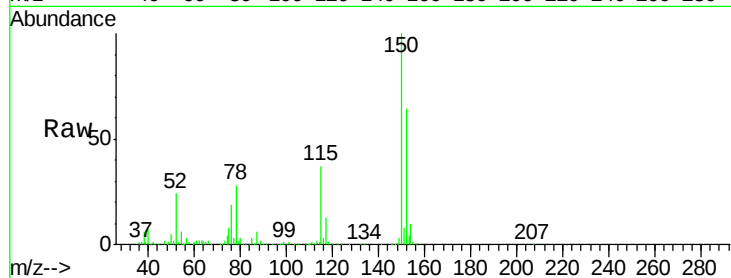
Tot Ion:152 Resp: 293269

Ion Ratio Lower Upper

152 100

115 60.8 30.4 91.2

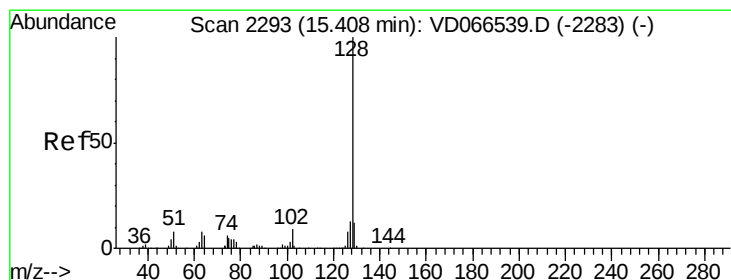
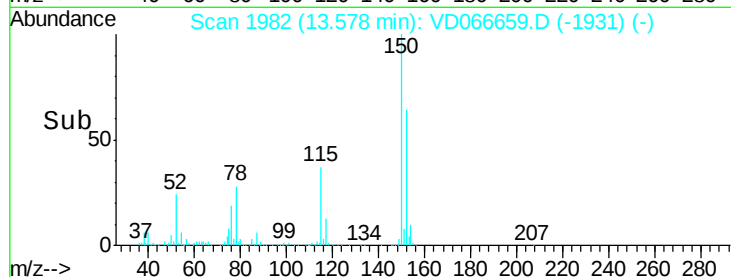
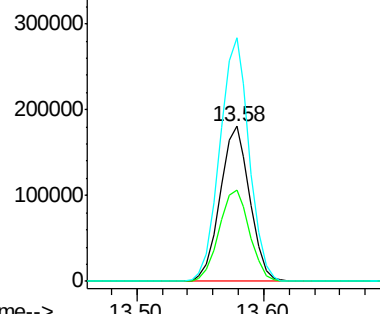
150 155.8 0.0 345.8



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: 1.477 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066659.D

Acq: 11 Sep 2020 20:09

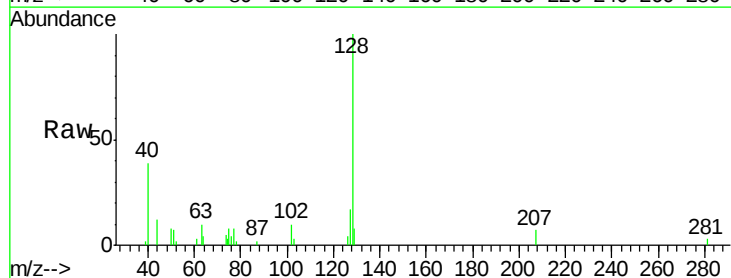
Tgt Ion:128 Resp: 13011

Ion Ratio Lower Upper

128 100

127 16.3 10.7 16.1#

129 12.5 9.1 13.7



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

