

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066691.D
 Acq On : 15 Sep 2020 01:11
 Operator : VA/SY
 Sample : L3981-11
 Misc : 12.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B20-4-6

Quant Time: Sep 15 03:40:34 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

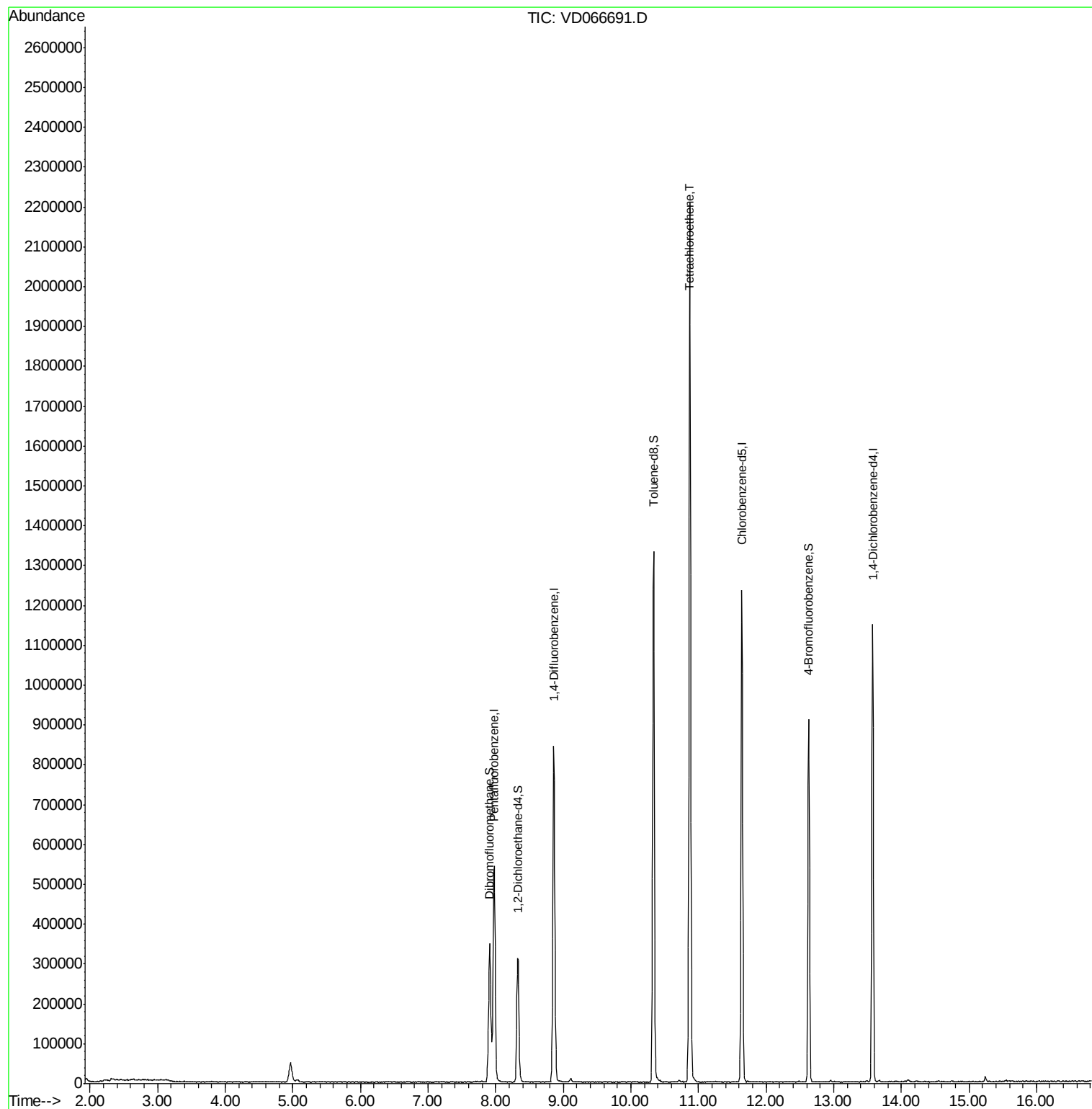
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	363922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	694894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	670692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	278397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	257472	58.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.96%	
35) Dibromofluoromethane	7.91	113	243436	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
50) Toluene-d8	10.34	98	857525	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.63	95	279485	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
Target Compounds						
64) Tetrachloroethene	10.87	164	473982	104.961	ug/l	Qvalue 99

(#) = 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: VD066691.D

Acq: 15 Sep 2020 01:11

Instrument :

MSVOA_D

ClientSampleId :

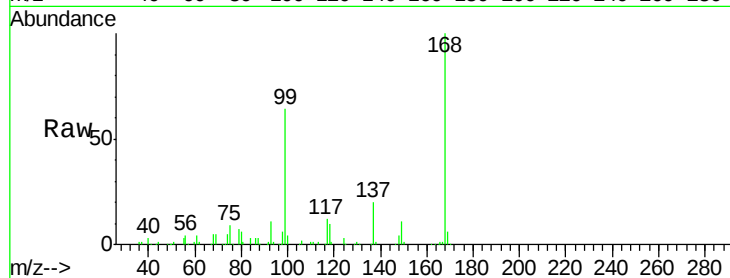
B20-4-6

Tot Ion:168 Resp: 363922

Ion Ratio Lower Upper

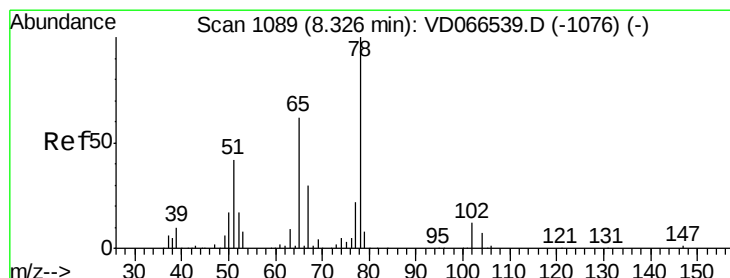
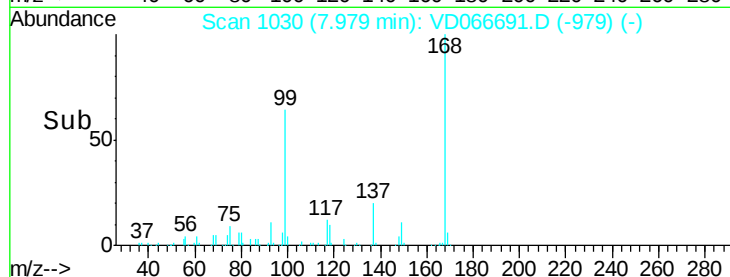
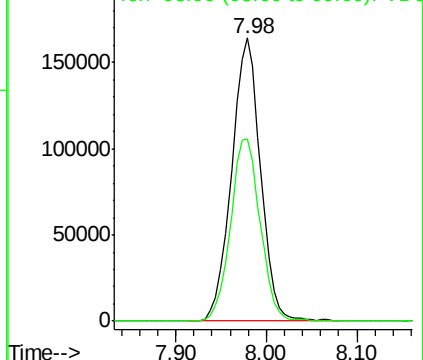
168 100

99 64.4 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 58.475 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VD066691.D

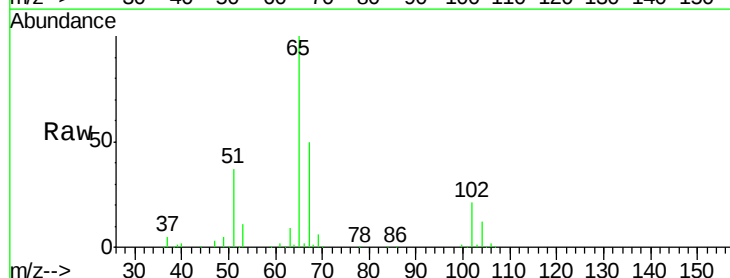
Acq: 15 Sep 2020 01:11

Tgt Ion: 65 Resp: 257472

Ion Ratio Lower Upper

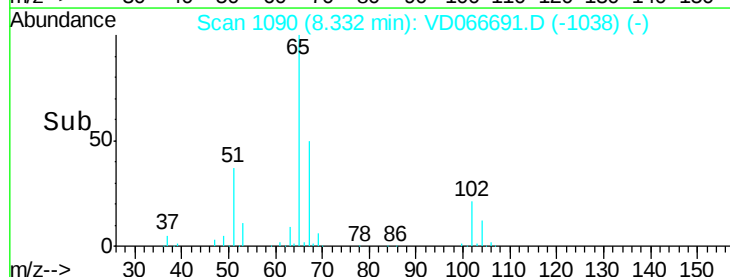
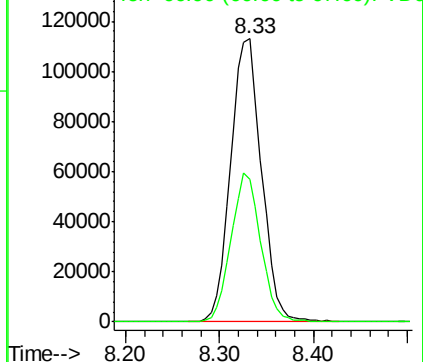
65 100

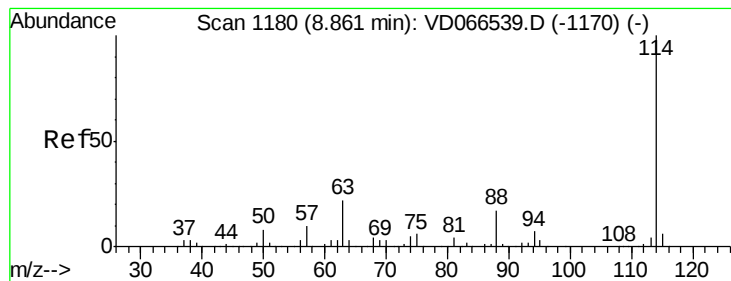
67 50.8 0.0 102.8



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: VD066691.D

Acq: 15 Sep 2020 01:11

Instrument :

MSVOA_D

ClientSampleId :

B20-4-6

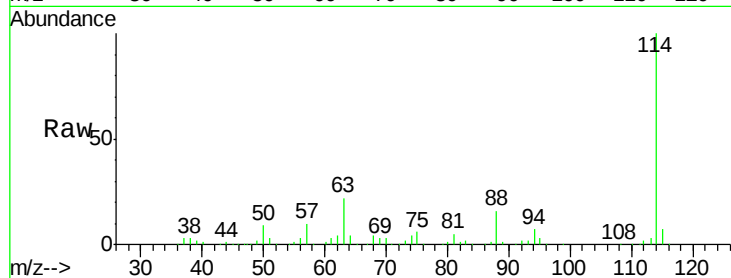
Tot Ion:114 Resp: 694894

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

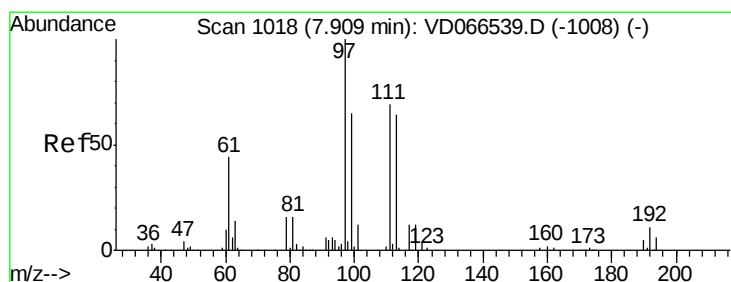
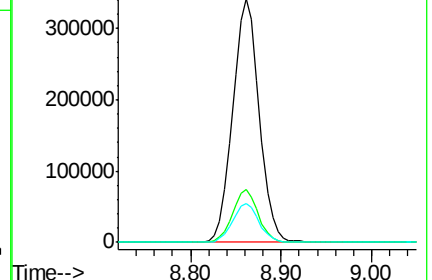
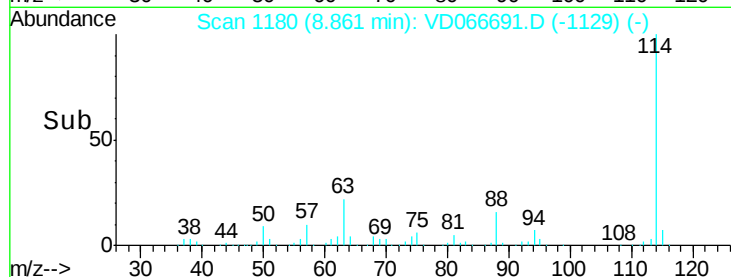
88 15.8 0.0 33.2



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: 51.929 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066691.D

Acq: 15 Sep 2020 01:11

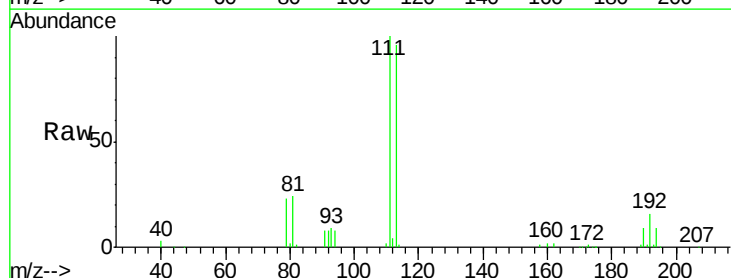
Tgt Ion:113 Resp: 243436

Ion Ratio Lower Upper

113 100

111 103.2 83.2 124.8

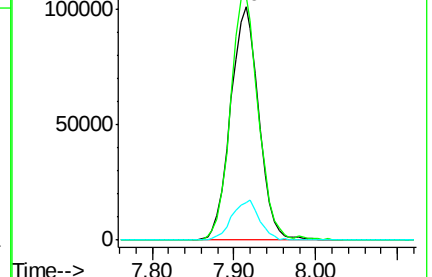
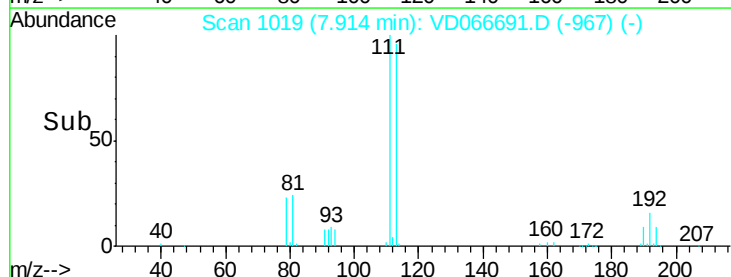
192 16.9 13.7 20.5

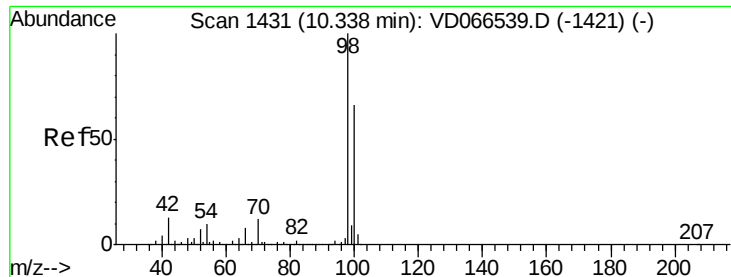


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.180 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066691.D

Acq: 15 Sep 2020 01:11

Instrument :

MSVOA_D

ClientSampleId :

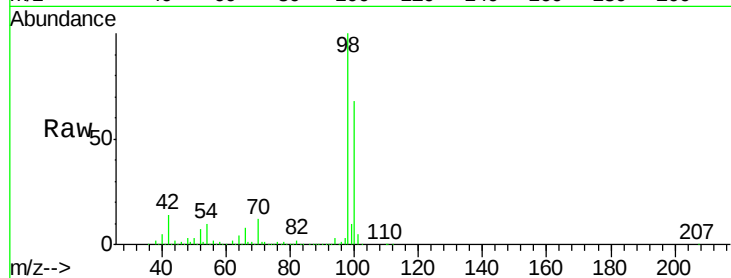
B20-4-6

Tot Ion: 98 Resp: 857525

Ion Ratio Lower Upper

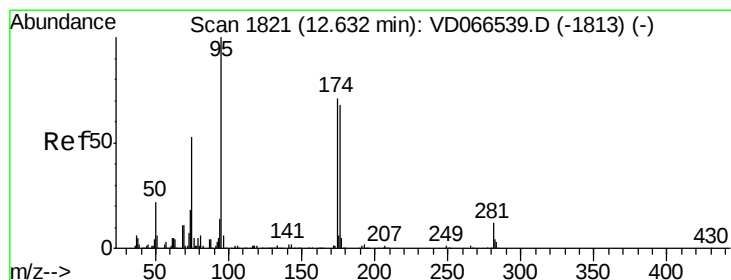
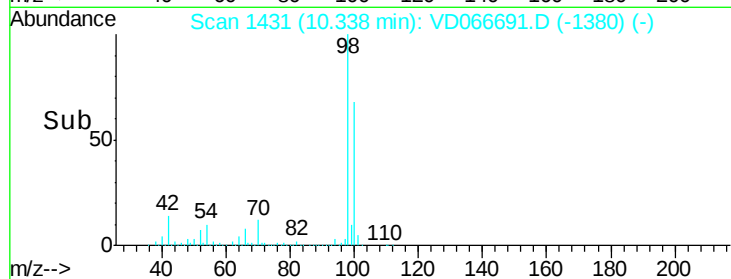
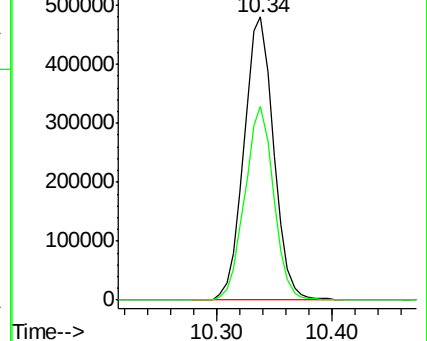
98 100

100 66.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.305 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066691.D

Acq: 15 Sep 2020 01:11

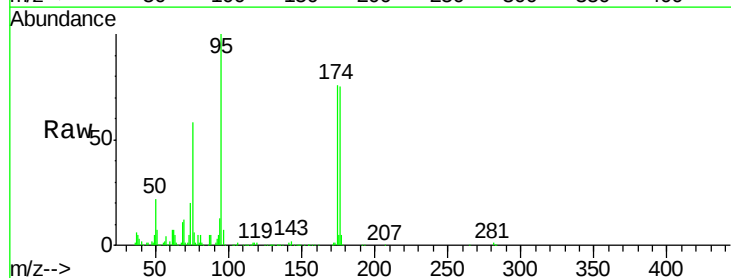
Tgt Ion: 95 Resp: 279485

Ion Ratio Lower Upper

95 100

174 76.3 0.0 155.8

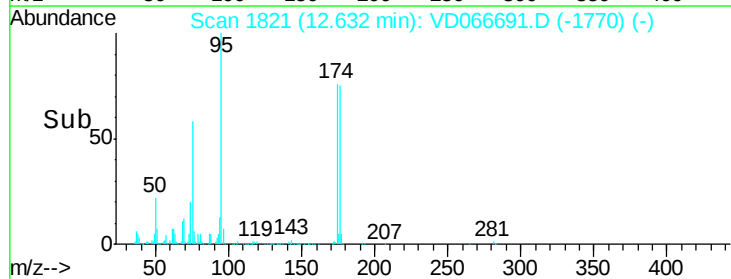
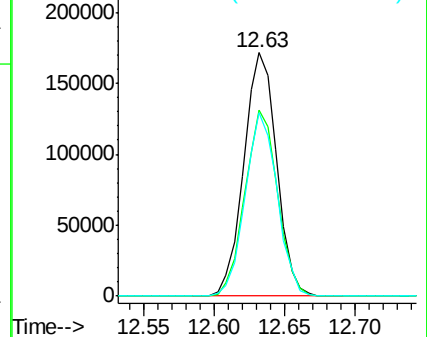
176 73.5 0.0 148.6

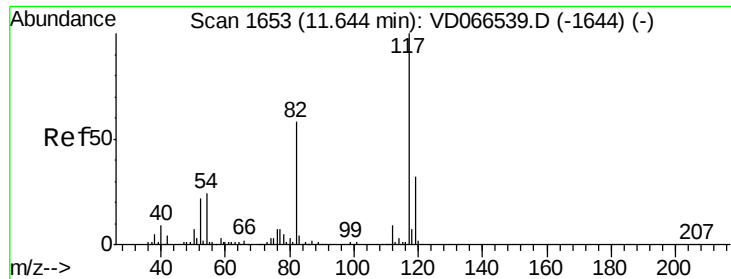


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

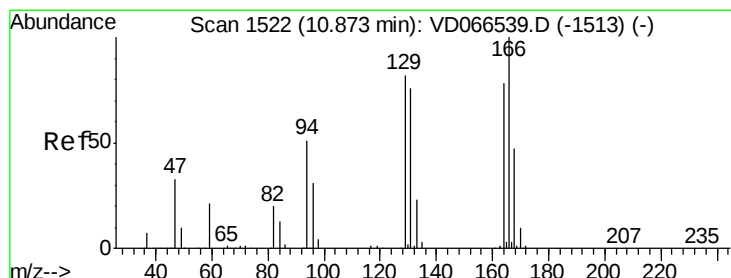
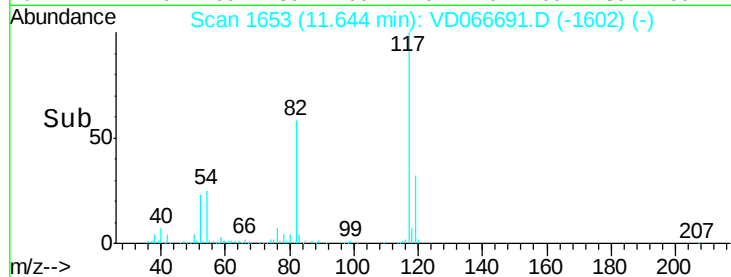
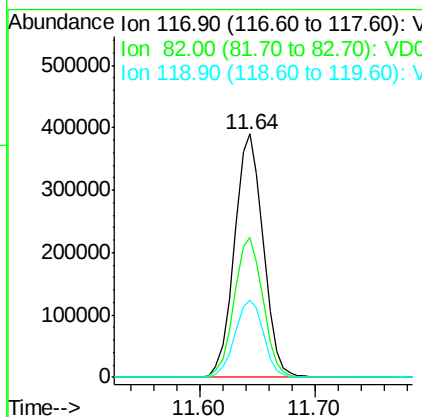
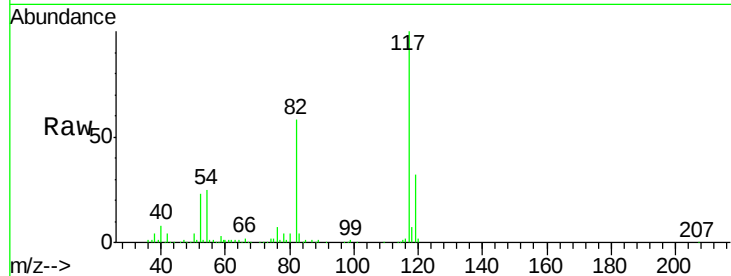




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066691.D
Acq: 15 Sep 2020 01:11

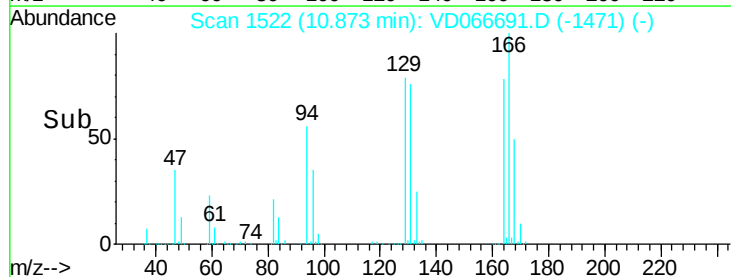
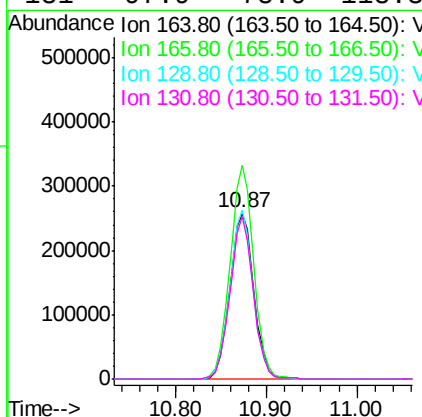
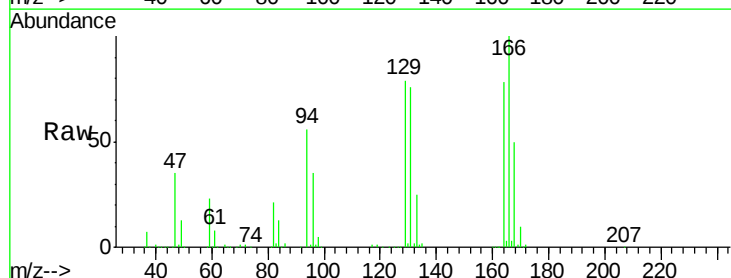
Instrument :
MSVOA_D
ClientSampled :
B20-4-6

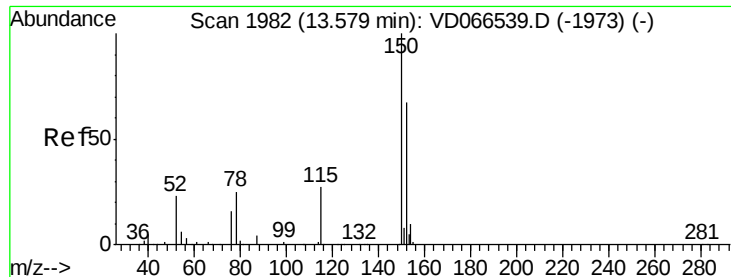
Tot Ion:117 Resp: 670692
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.2
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 104.961 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066691.D
Acq: 15 Sep 2020 01:11

Tgt Ion:164 Resp: 473982
Ion Ratio Lower Upper
164 100
166 129.0 103.2 154.8
129 102.2 84.5 126.7
131 97.9 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: VD066691.D

Acq: 15 Sep 2020 01:11

Instrument :

MSVOA_D

ClientSampleId :

B20-4-6

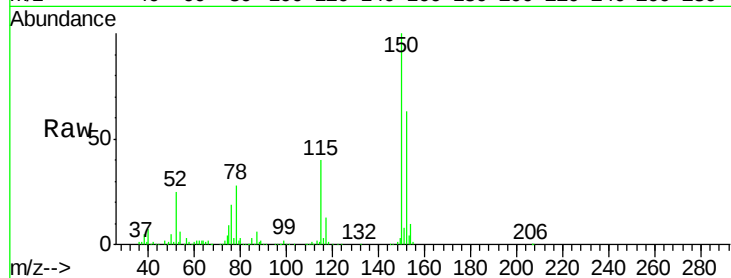
Tot Ion:152 Resp: 278397

Ion Ratio Lower Upper

152 100

115 61.3 30.4 91.2

150 158.9 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

