

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066652.D
 Acq On : 11 Sep 2020 16:57
 Operator : VA/SY
 Sample : L3981-03
 Misc : 2.48G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B17-7-9

Quant Time: Sep 12 01:23:47 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

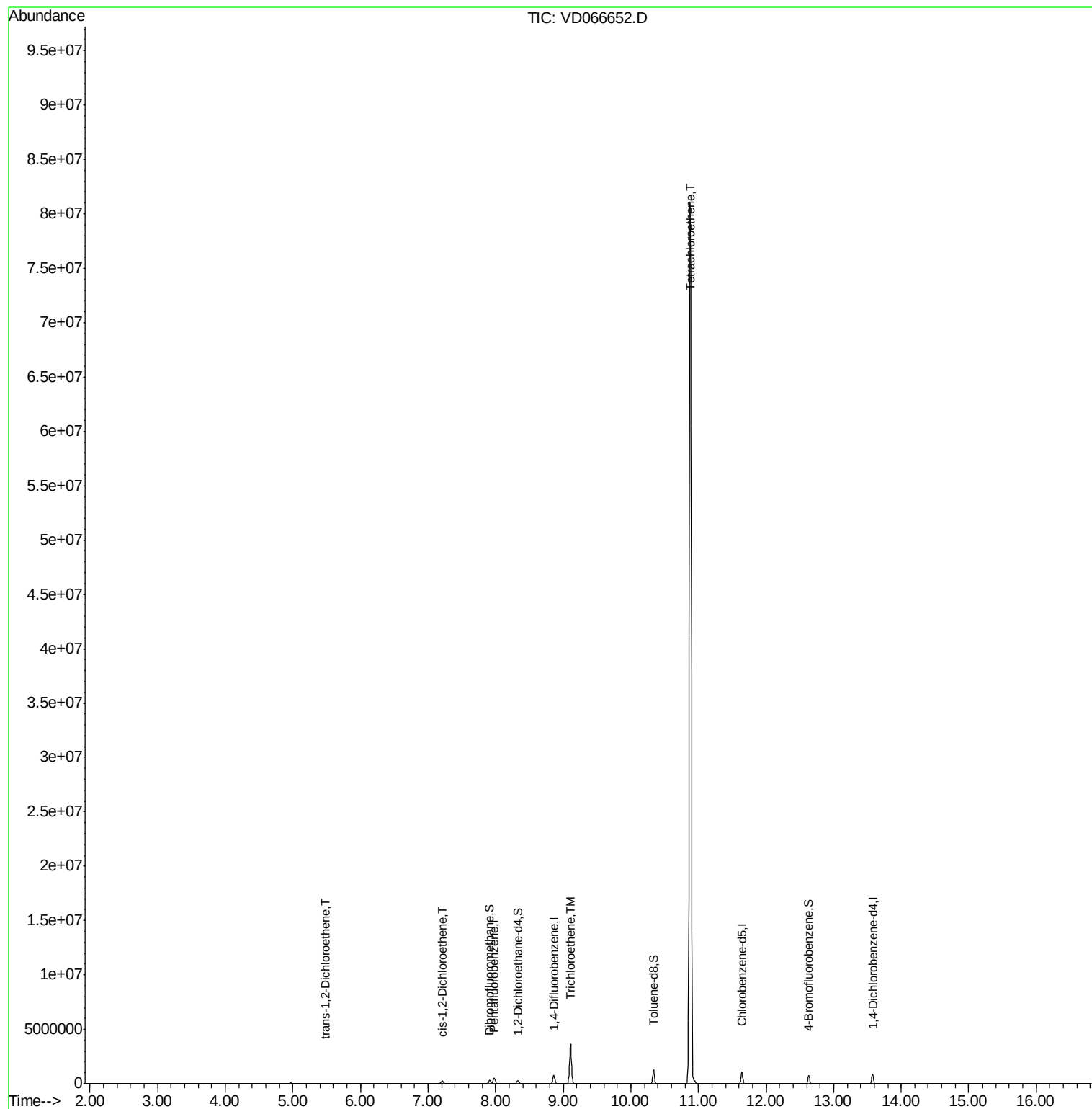
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	371088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	656143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	600320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	219224	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	236878	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
35) Dibromofluoromethane	7.91	113	230727	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
50) Toluene-d8	10.34	98	808967	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.63	95	244241	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
Target Compounds						
21) trans-1,2-Dichloroethene	5.48	96	7939	1.788	ug/l #	79
27) cis-1,2-Dichloroethene	7.21	96	130986	27.435	ug/l	90
44) Trichloroethene	9.11	130	1269171	258.718	ug/l	93
64) Tetrachloroethene	10.87	164	19580081	4844.185	ug/l #	88

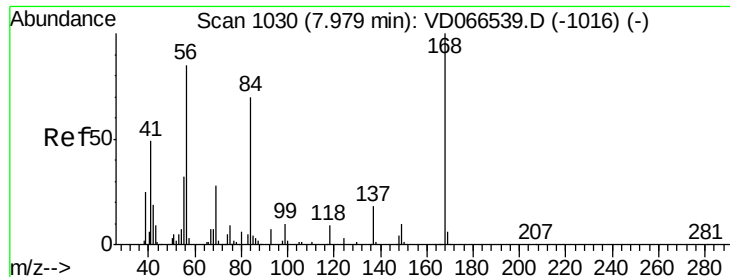
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091120\
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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: VD066652.D

Acq: 11 Sep 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

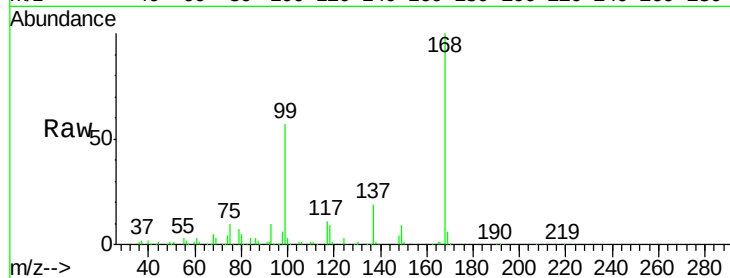
B17-7-9

Tot Ion:168 Resp: 371088

Ion Ratio Lower Upper

168 100

99 56.8 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

200000

150000

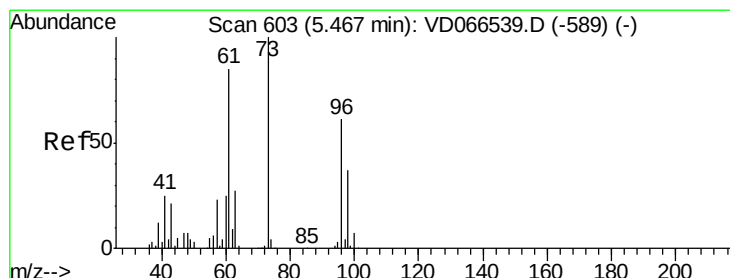
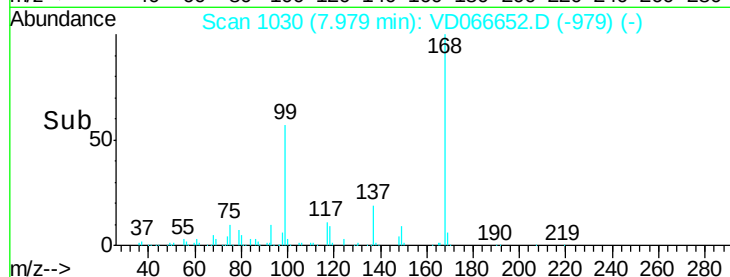
100000

50000

0

7.90 8.00 8.10

Time-->



#21

trans-1,2-Dichloroethene

Concen: 1.788 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD066652.D

Acq: 11 Sep 2020 16:57

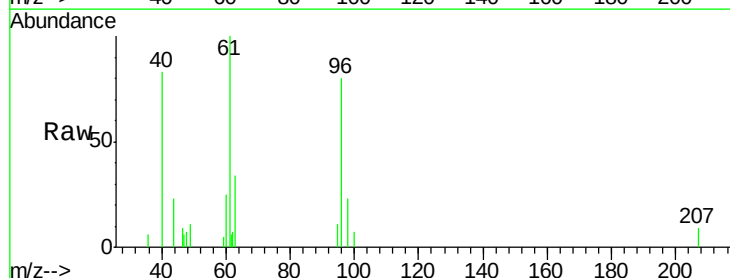
Tgt Ion: 96 Resp: 7939

Ion Ratio Lower Upper

96 100

61 125.2 112.1 168.1

98 28.2 48.6 72.8#



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

5000

4000

3000

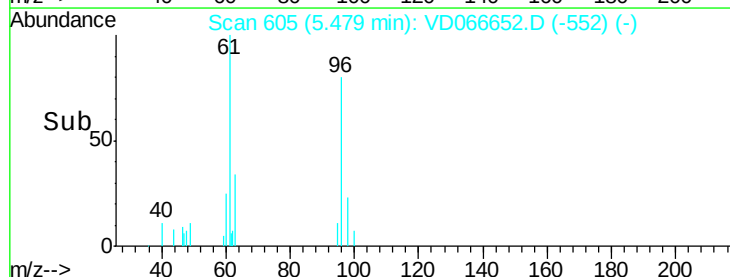
2000

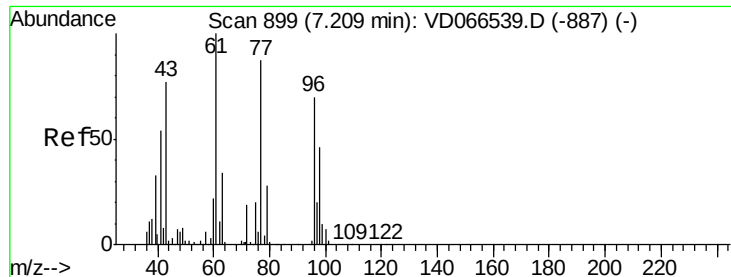
1000

0

5.35 5.40 5.45 5.50 5.55

Time-->



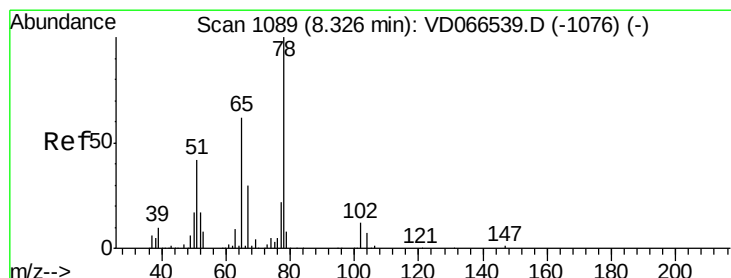
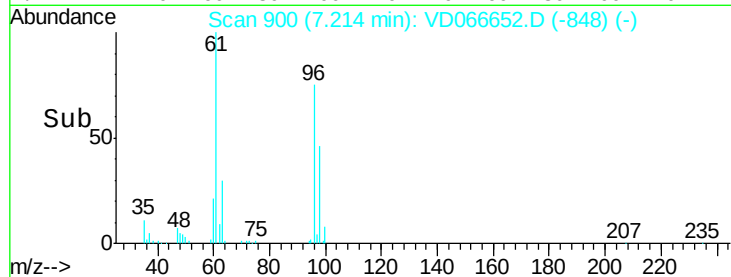
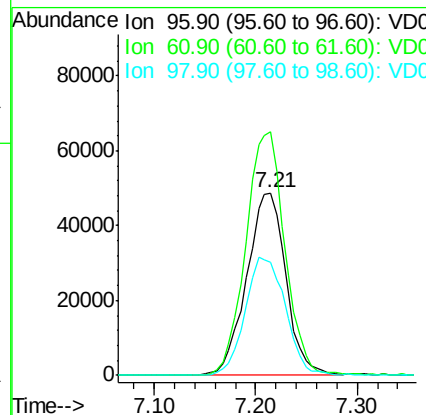
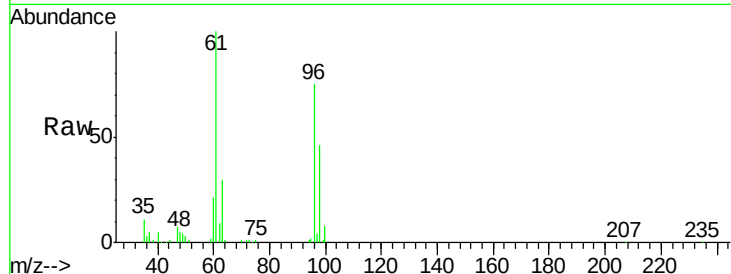


#27

cis-1,2-Dichloroethene
 Concen: 27.435 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066652.D
 Acq: 11 Sep 2020 16:57

Instrument :
 MSVOA_D
 ClientSampleId :
 B17-7-9

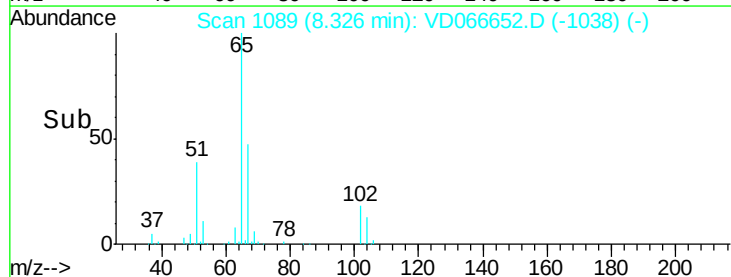
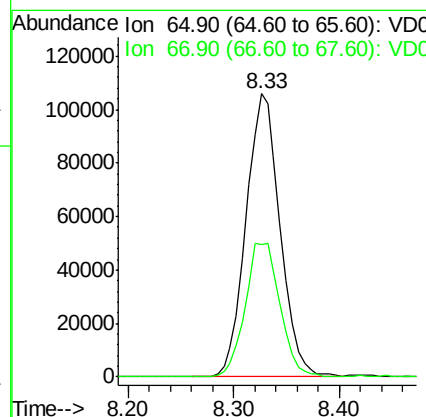
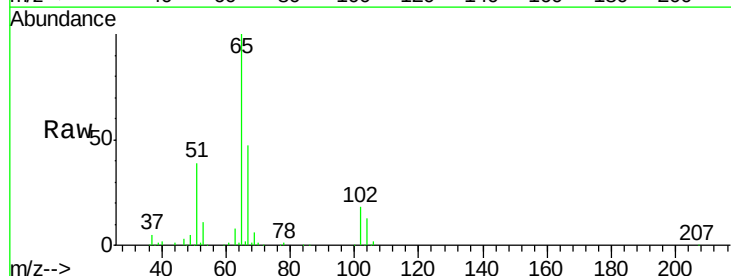
Tot Ion	96	Resp	130986
Ion	Ratio	Lower	Upper
96	100		
61	133.3	0.0	301.0
98	66.6	0.0	129.8

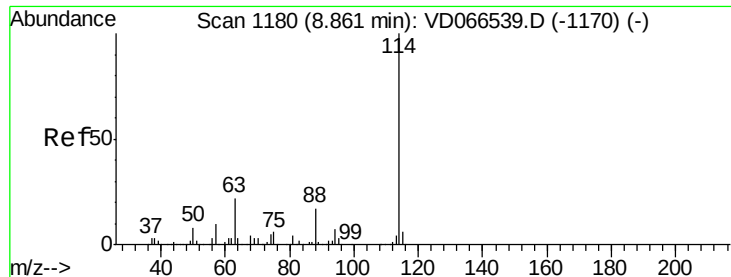


#33

1,2-Dichloroethane-d4
 Concen: 52.759 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066652.D
 Acq: 11 Sep 2020 16:57

Tgt Ion	65	Resp	236878
Ion	Ratio	Lower	Upper
65	100		
67	48.5	0.0	102.8

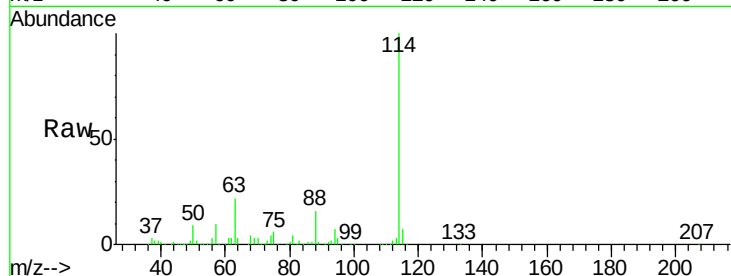




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066652.D
 Acq: 11 Sep 2020 16:57

Instrument :
 MSVOA_D
 ClientSampleId :
 B17-7-9

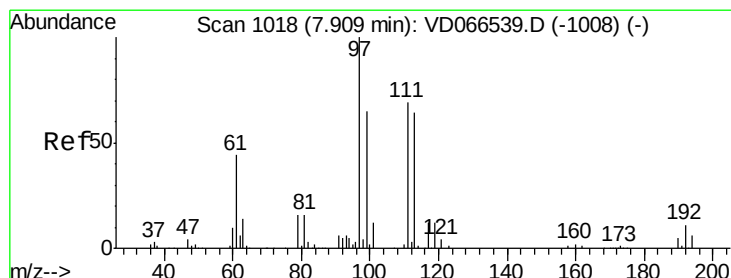
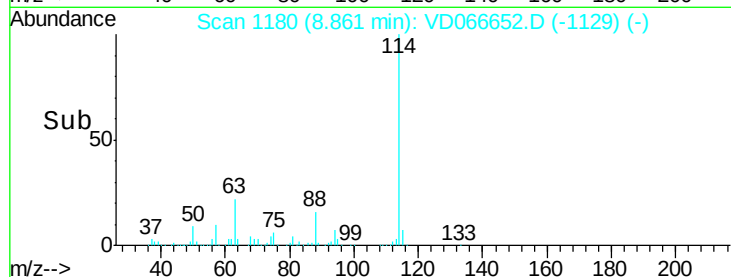
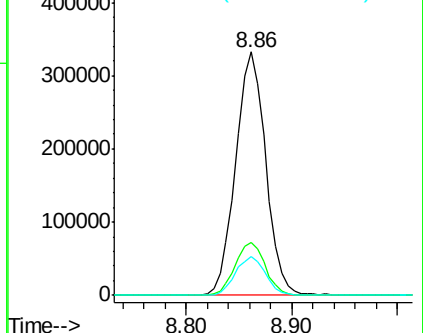
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.2
88	15.8	0.0	33.2



Abundance Ion 113.90 (113.60 to 114.60): V

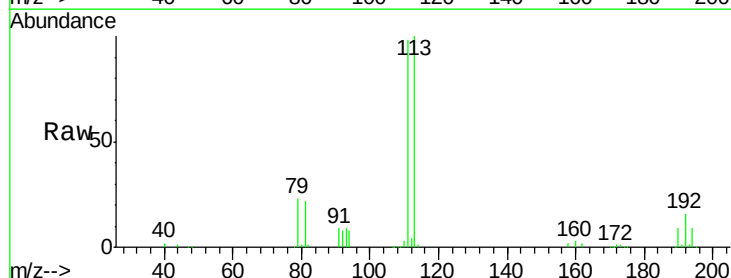
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 52.125 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066652.D
 Acq: 11 Sep 2020 16:57

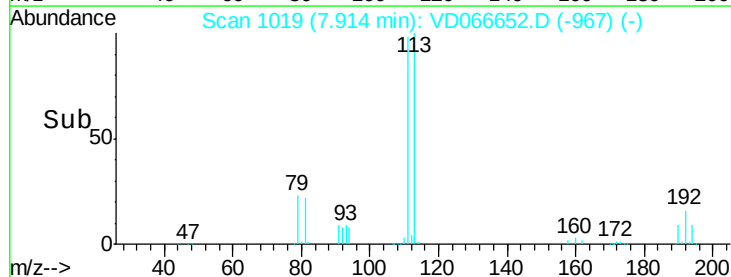
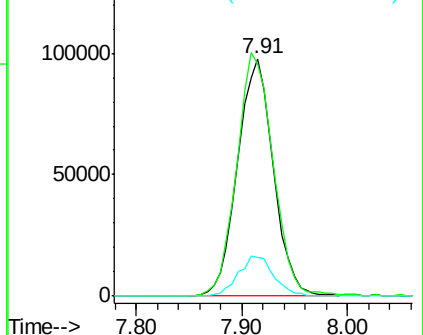
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.2	124.8
192	16.9	13.7	20.5

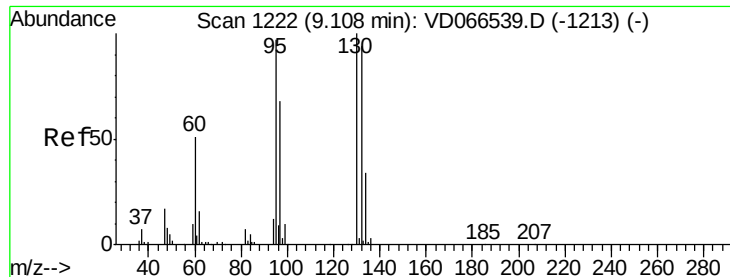


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 258.718 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066652.D

Acq: 11 Sep 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

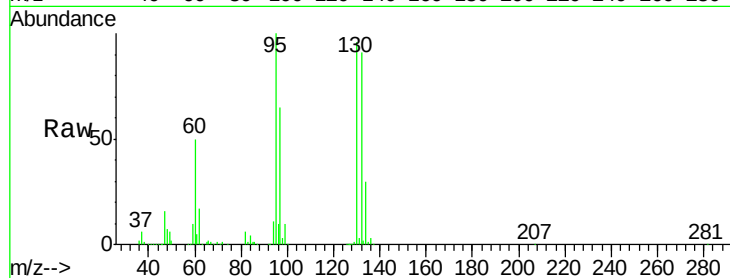
B17-7-9

Tot Ion:130 Resp: 1269171

Ion Ratio Lower Upper

130 100

95 104.1 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

9.11

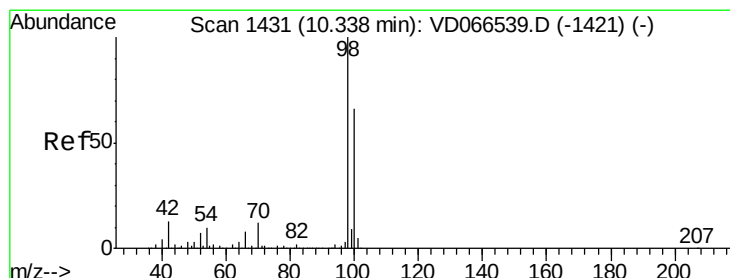
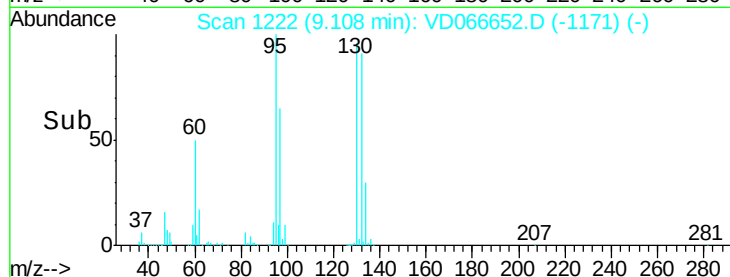
600000

400000

200000

0

Time-->



#50

Toluene-d8

Concen: 51.134 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066652.D

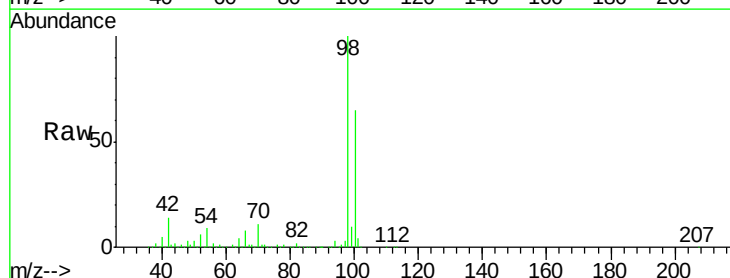
Acq: 11 Sep 2020 16:57

Tgt Ion: 98 Resp: 808967

Ion Ratio Lower Upper

98 100

100 65.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

500000

400000

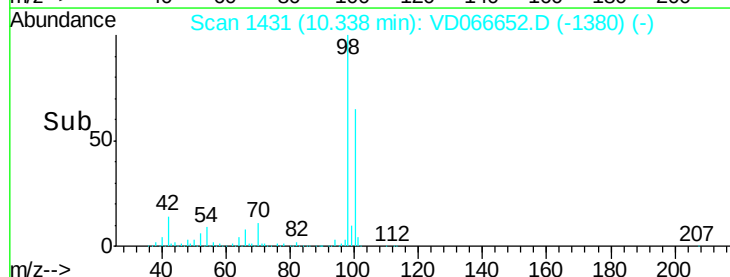
300000

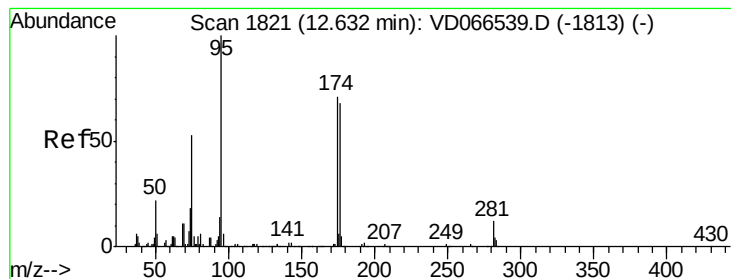
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 46.558 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066652.D

Acq: 11 Sep 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

B17-7-9

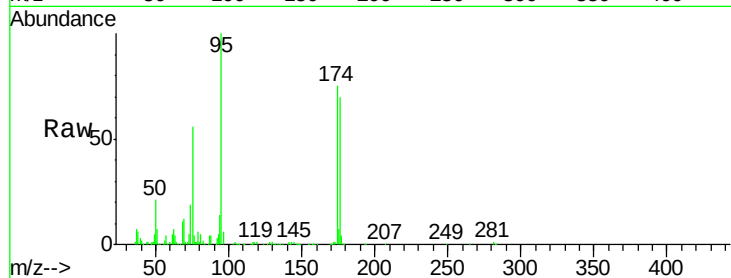
Tot Ion: 95 Resp: 244241

Ion Ratio Lower Upper

95 100

174 75.4 0.0 155.8

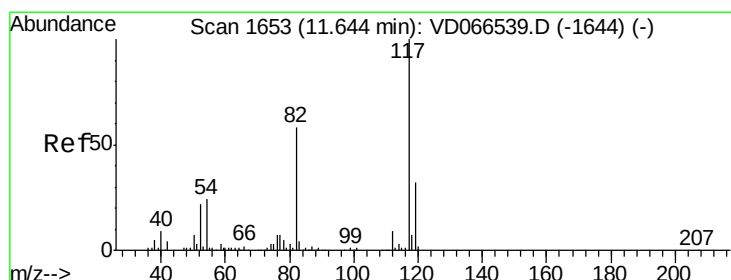
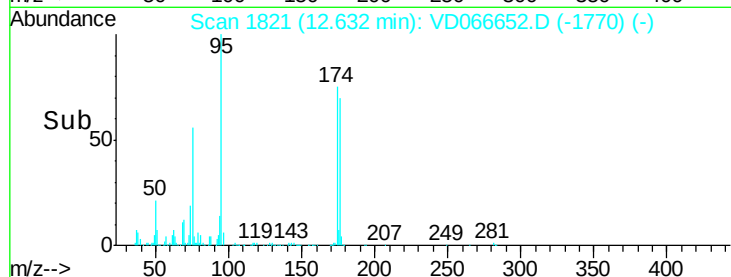
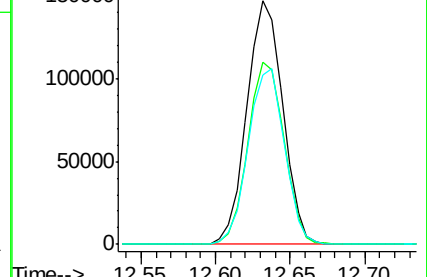
176 73.0 0.0 148.6



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: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066652.D

Acq: 11 Sep 2020 16:57

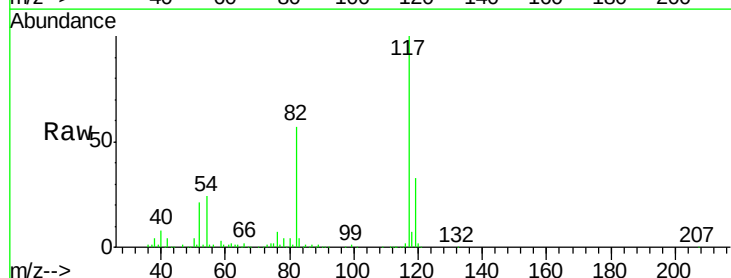
Tgt Ion: 117 Resp: 600320

Ion Ratio Lower Upper

117 100

82 56.7 46.2 69.2

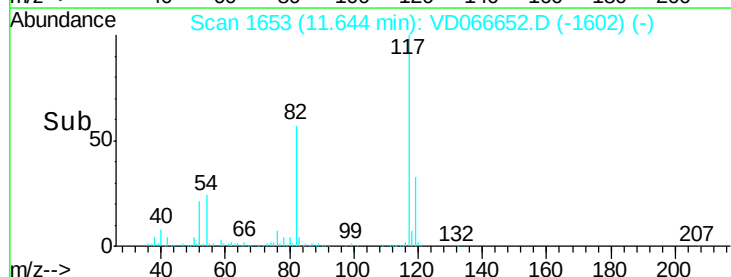
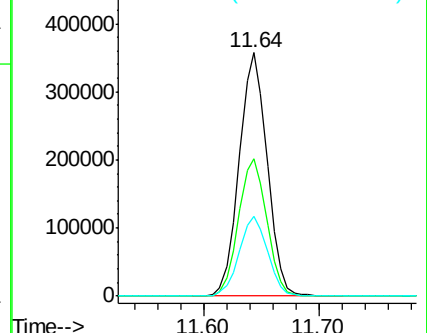
119 32.7 25.8 38.8

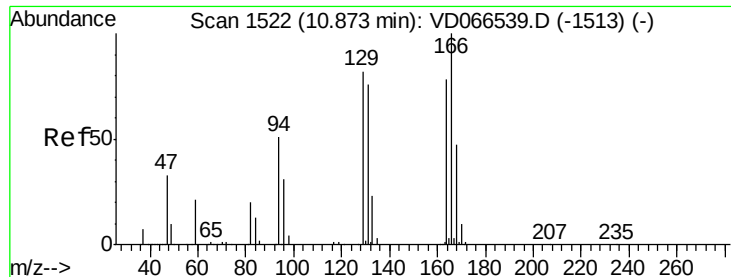


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

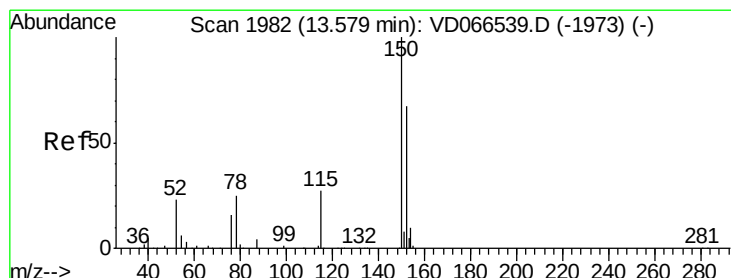
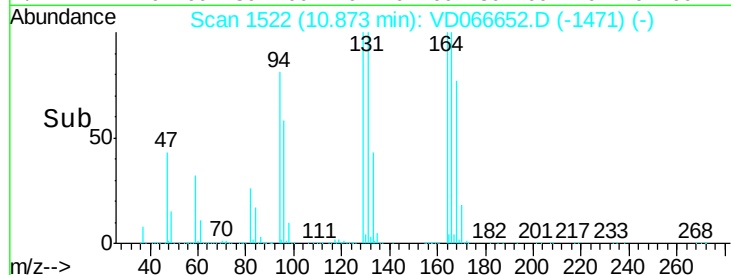
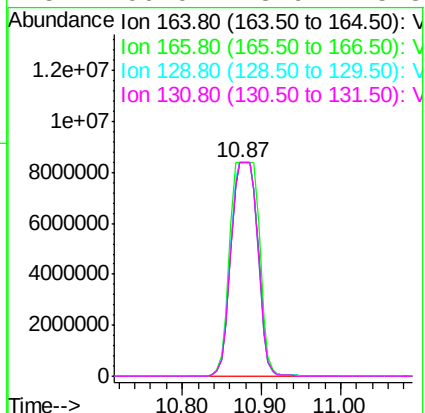
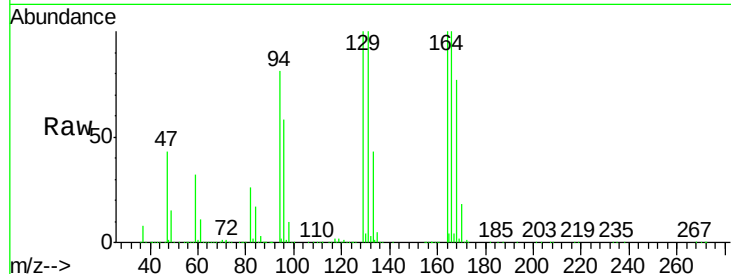




#64
Tetrachloroethene
Concen: 4844.185 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066652.D
Acq: 11 Sep 2020 16:57

Instrument :
MSVOA_D
ClientSampleId :
B17-7-9

Tot Ion:164 Resp:19580081
Ion Ratio Lower Upper
164 100
166 100.0 103.2 154.8#
129 100.0 84.5 126.7
131 100.0 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: VD066652.D
Acq: 11 Sep 2020 16:57

Tgt Ion:152 Resp: 219224
Ion Ratio Lower Upper
152 100
115 61.9 30.4 91.2
150 157.8 0.0 345.8

