

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066651.D
 Acq On : 11 Sep 2020 16:29
 Operator : VA/SY
 Sample : L3981-02
 Misc : 11.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B17-4-6

Quant Time: Sep 12 01:18:27 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

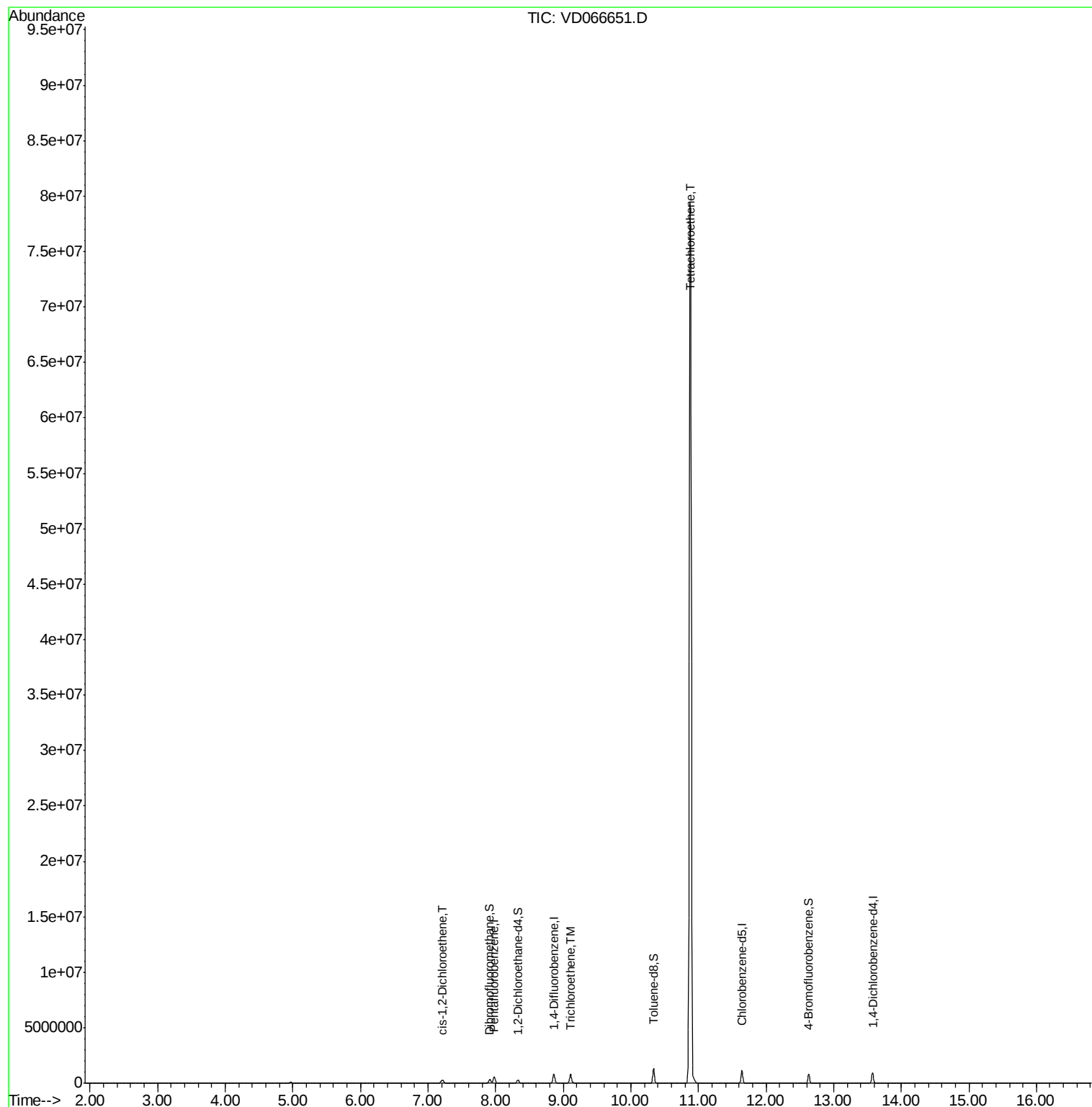
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	379168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	664339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	607429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	228176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	239170	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
35) Dibromofluoromethane	7.91	113	231413	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
50) Toluene-d8	10.34	98	822455	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.63	95	254611	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
Target Compounds						
27) cis-1,2-Dichloroethene	7.21	96	169515	34.749	ug/l	89
44) Trichloroethene	9.11	130	285471	57.475	ug/l	100
64) Tetrachloroethene	10.87	164	19284901	4715.317	ug/l #	88

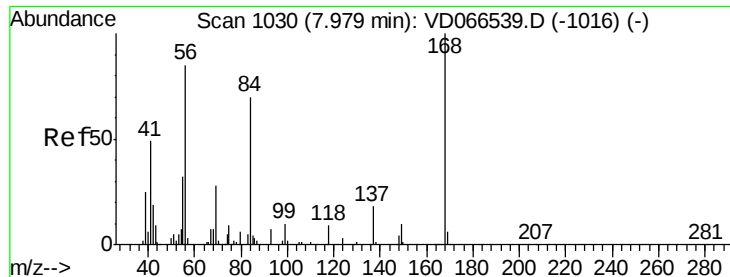
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066651.D

Acq: 11 Sep 2020 16:29

Instrument :

MSVOA_D

ClientSampleId :

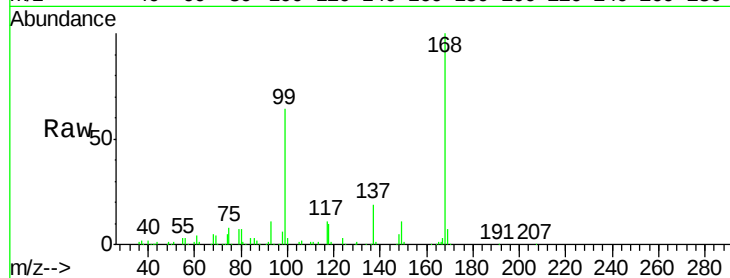
B17-4-6

Tot Ion:168 Resp: 379168

Ion Ratio Lower Upper

168 100

99 64.0 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

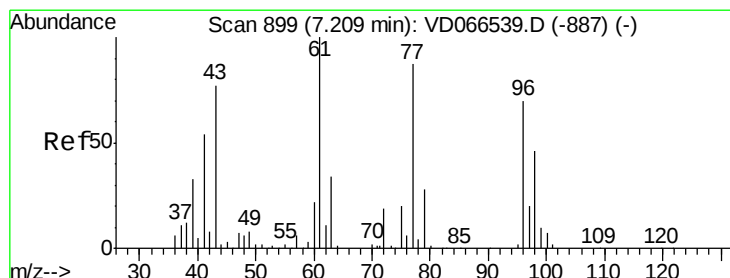
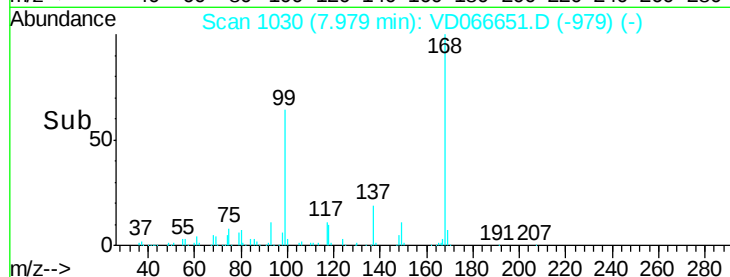
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 34.749 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066651.D

Acq: 11 Sep 2020 16:29

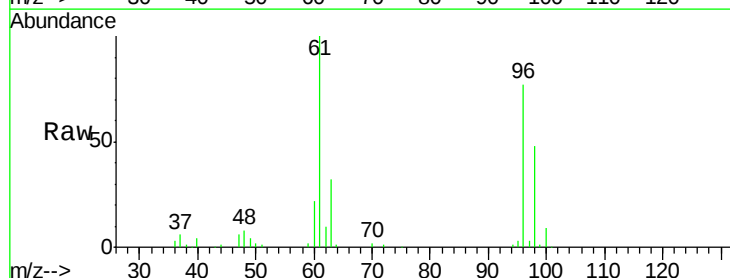
Tgt Ion: 96 Resp: 169515

Ion Ratio Lower Upper

96 100

61 131.0 0.0 301.0

98 65.5 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

7.21

100000

80000

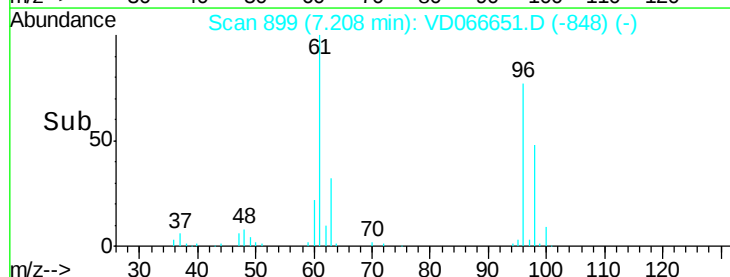
60000

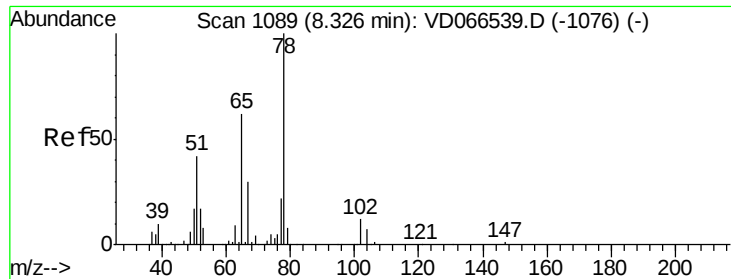
40000

20000

0

Time-->

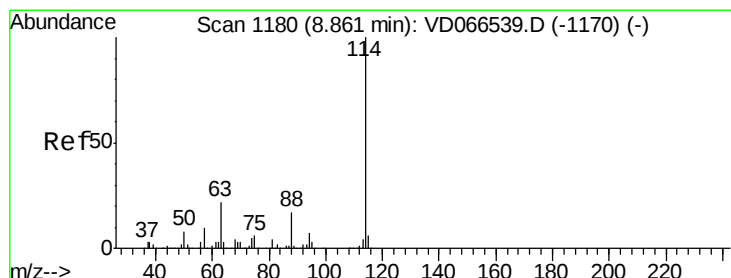
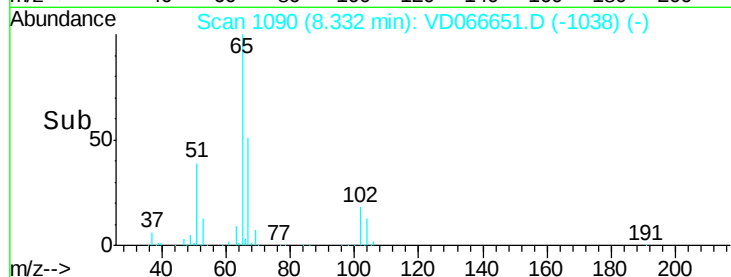
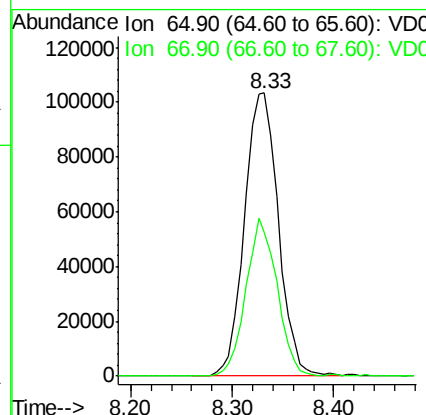
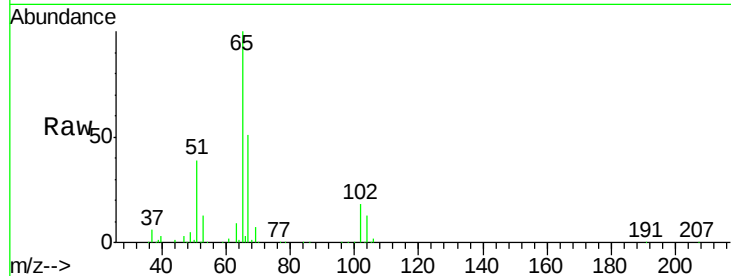




#33
 1,2-Dichloroethane-d4
 Concen: 52.134 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: VD066651.D
 Acq: 11 Sep 2020 16:29

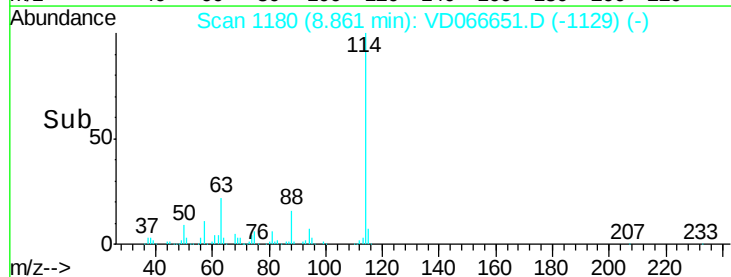
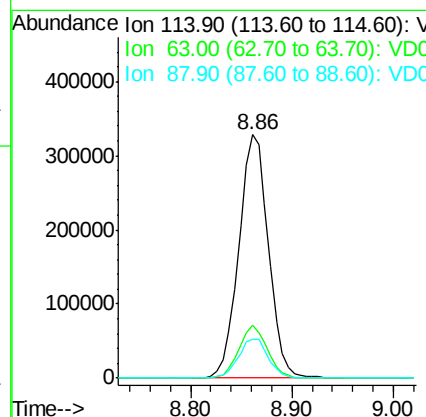
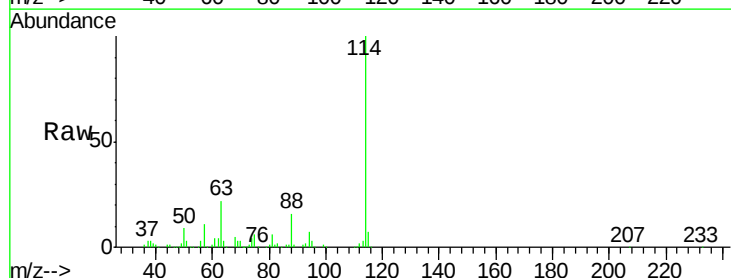
Instrument :
 MSVOA_D
 ClientSampleId :
 B17-4-6

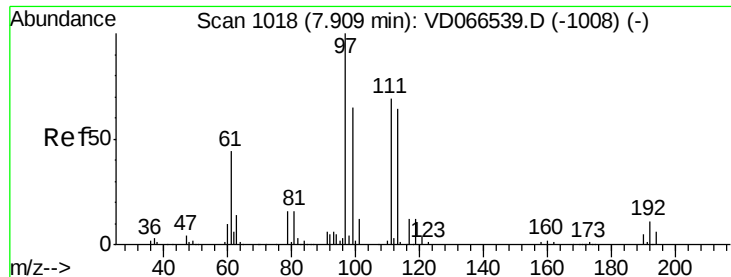
Tot Ion: 65 Resp: 239170
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066651.D
 Acq: 11 Sep 2020 16:29

Tgt Ion: 114 Resp: 664339
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 16.2 0.0 33.2

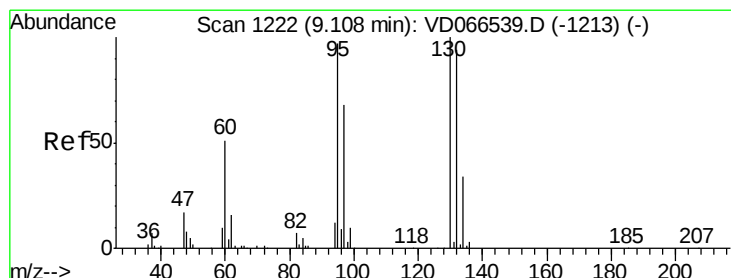
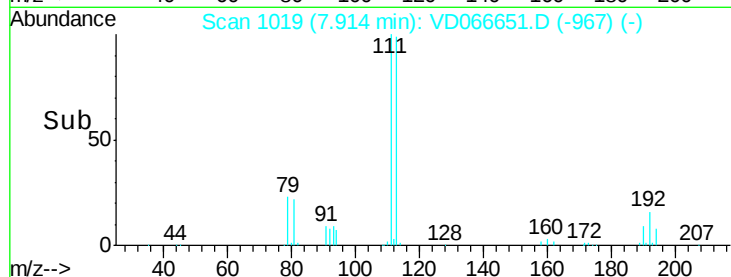
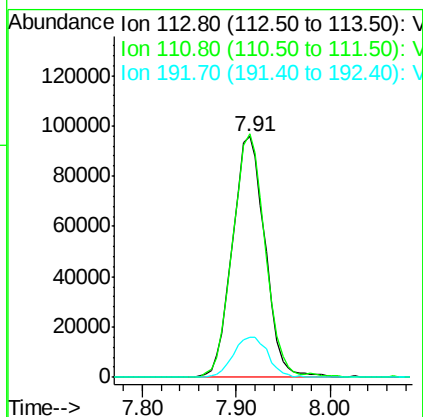
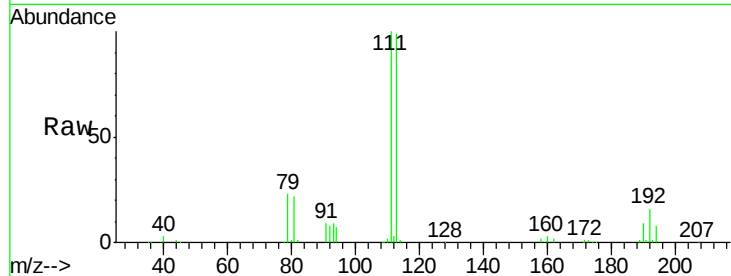




#35
Dibromofluoromethane
Concen: 51.635 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066651.D
Acq: 11 Sep 2020 16:29

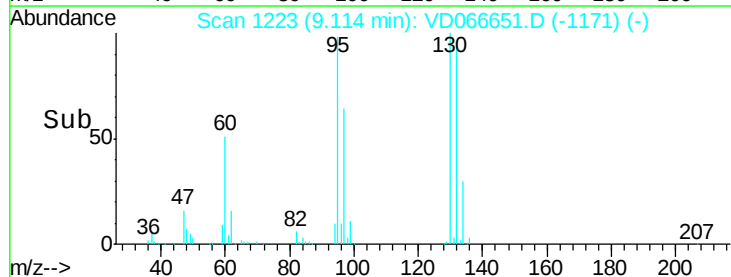
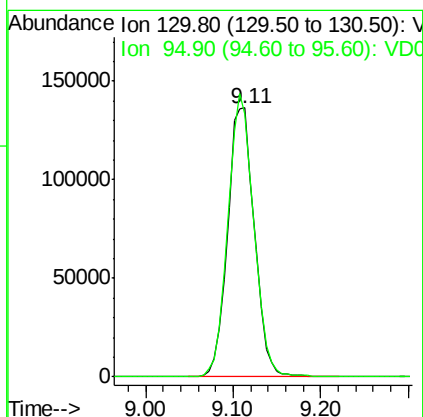
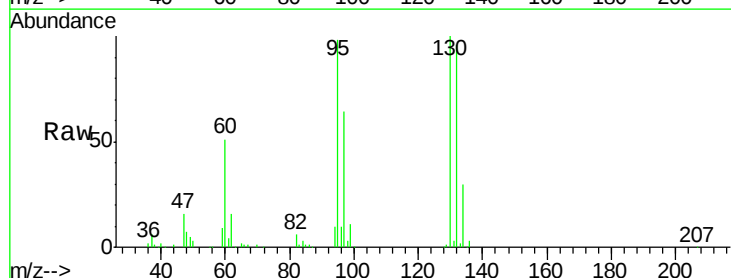
Instrument :
MSVOA_D
ClientSampleId :
B17-4-6

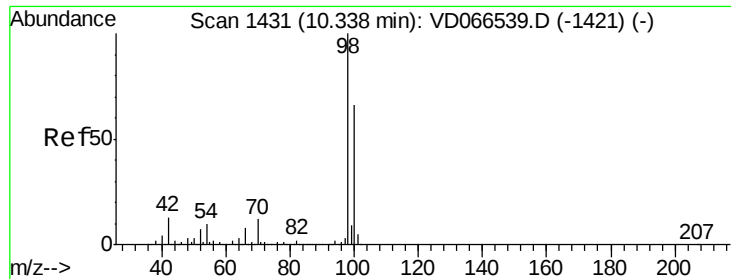
Tot Ion:113 Resp: 231413
Ion Ratio Lower Upper
113 100
111 99.9 83.2 124.8
192 17.6 13.7 20.5



#44
Trichloroethene
Concen: 57.475 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VD066651.D
Acq: 11 Sep 2020 16:29

Tgt Ion:130 Resp: 285471
Ion Ratio Lower Upper
130 100
95 97.7 0.0 194.4





#50

Toluene-d8

Concen: 51.345 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066651.D

Acq: 11 Sep 2020 16:29

Instrument :

MSVOA_D

ClientSampled :

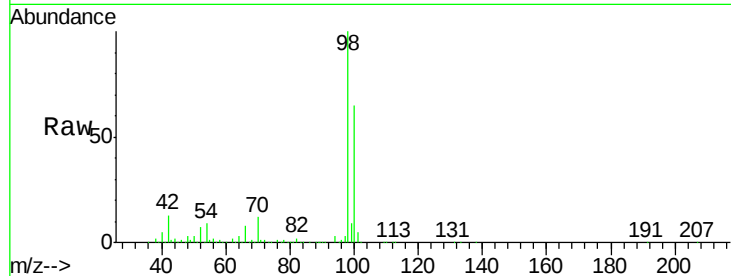
B17-4-6

Tot Ion: 98 Resp: 822455

Ion Ratio Lower Upper

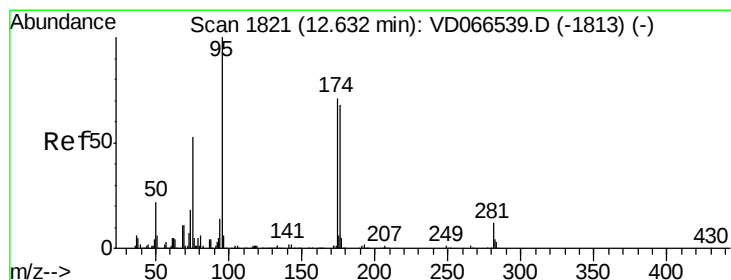
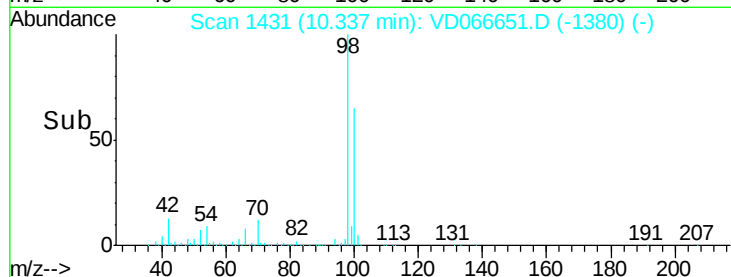
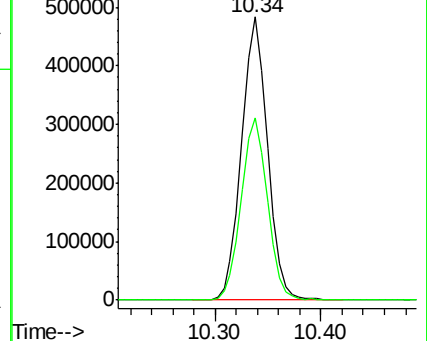
98 100

100 65.7 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: 47.936 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066651.D

Acq: 11 Sep 2020 16:29

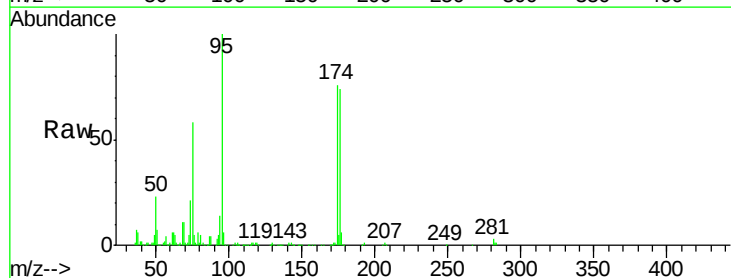
Tgt Ion: 95 Resp: 254611

Ion Ratio Lower Upper

95 100

174 75.2 0.0 155.8

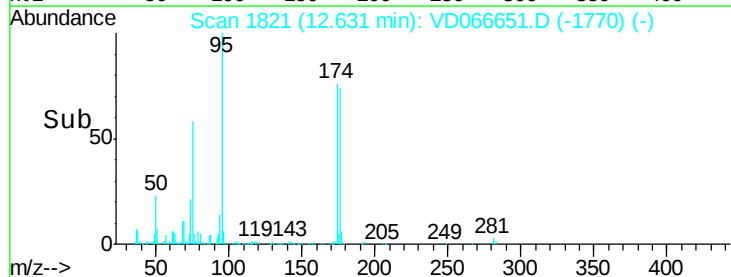
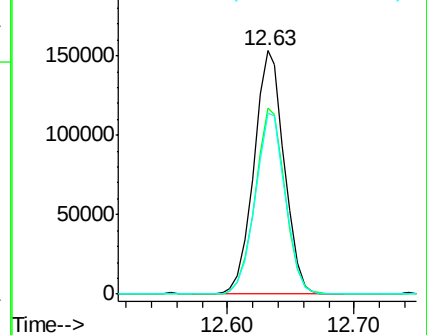
176 73.8 0.0 148.6

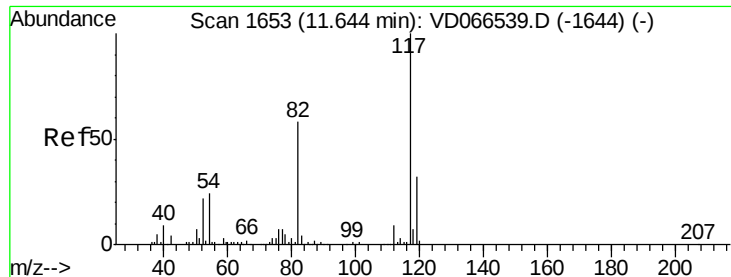


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

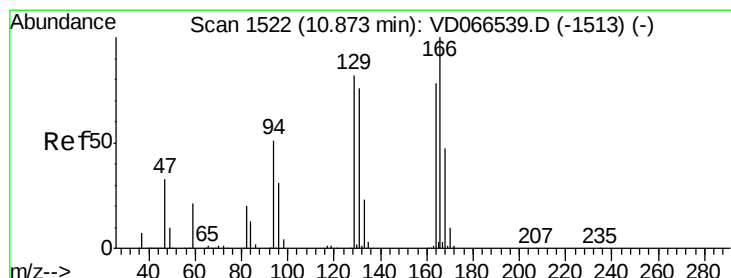
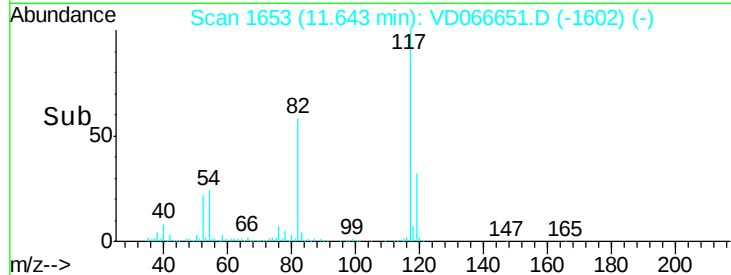
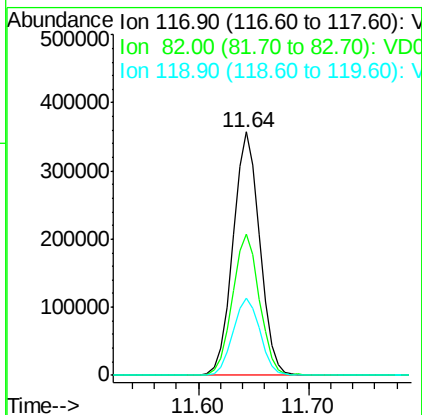
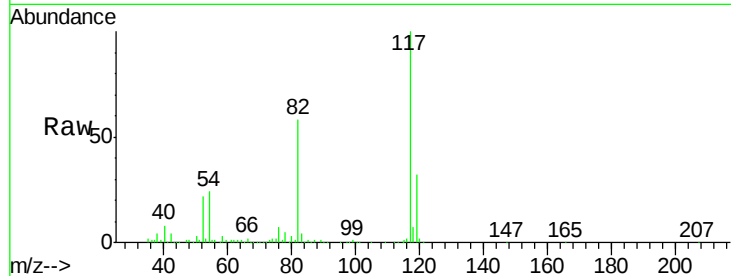




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066651.D
Acq: 11 Sep 2020 16:29

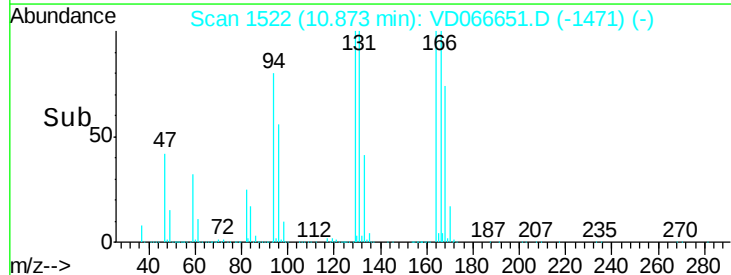
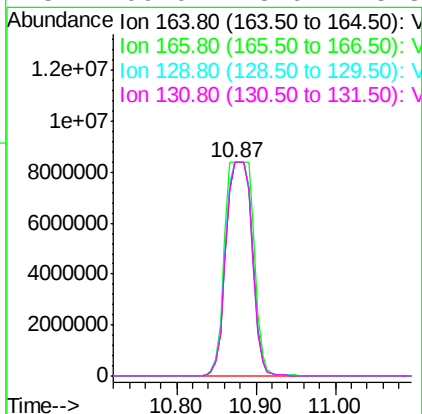
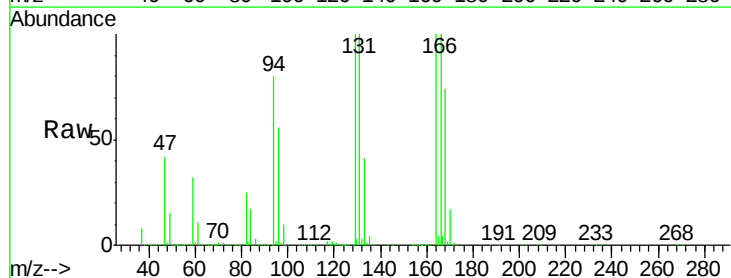
Instrument :
MSVOA_D
ClientSampleId :
B17-4-6

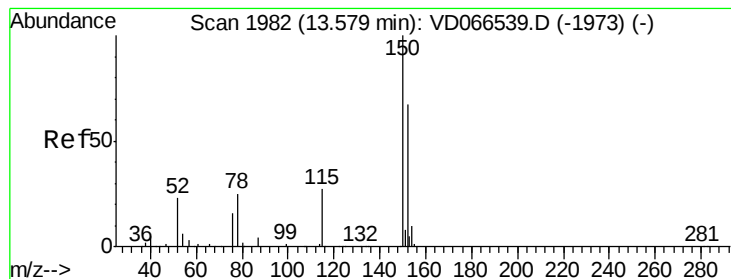
Tot Ion:117 Resp: 607429
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.2
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 4715.317 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066651.D
Acq: 11 Sep 2020 16:29

Tgt Ion:164 Resp:19284901
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: VD066651.D

Acq: 11 Sep 2020 16:29

Instrument :

MSVOA_D

ClientSampleId :

B17-4-6

Tot Ion:152 Resp: 228176

Ion Ratio Lower Upper

152 100

115 62.4 30.4 91.2

150 161.6 0.0 345.8

