

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066280.D
 Acq On : 18 Aug 2020 16:15
 Operator : VA/SY
 Sample : L3500-01
 Misc : 6.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-081420

Quant Time: Aug 19 07:02:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

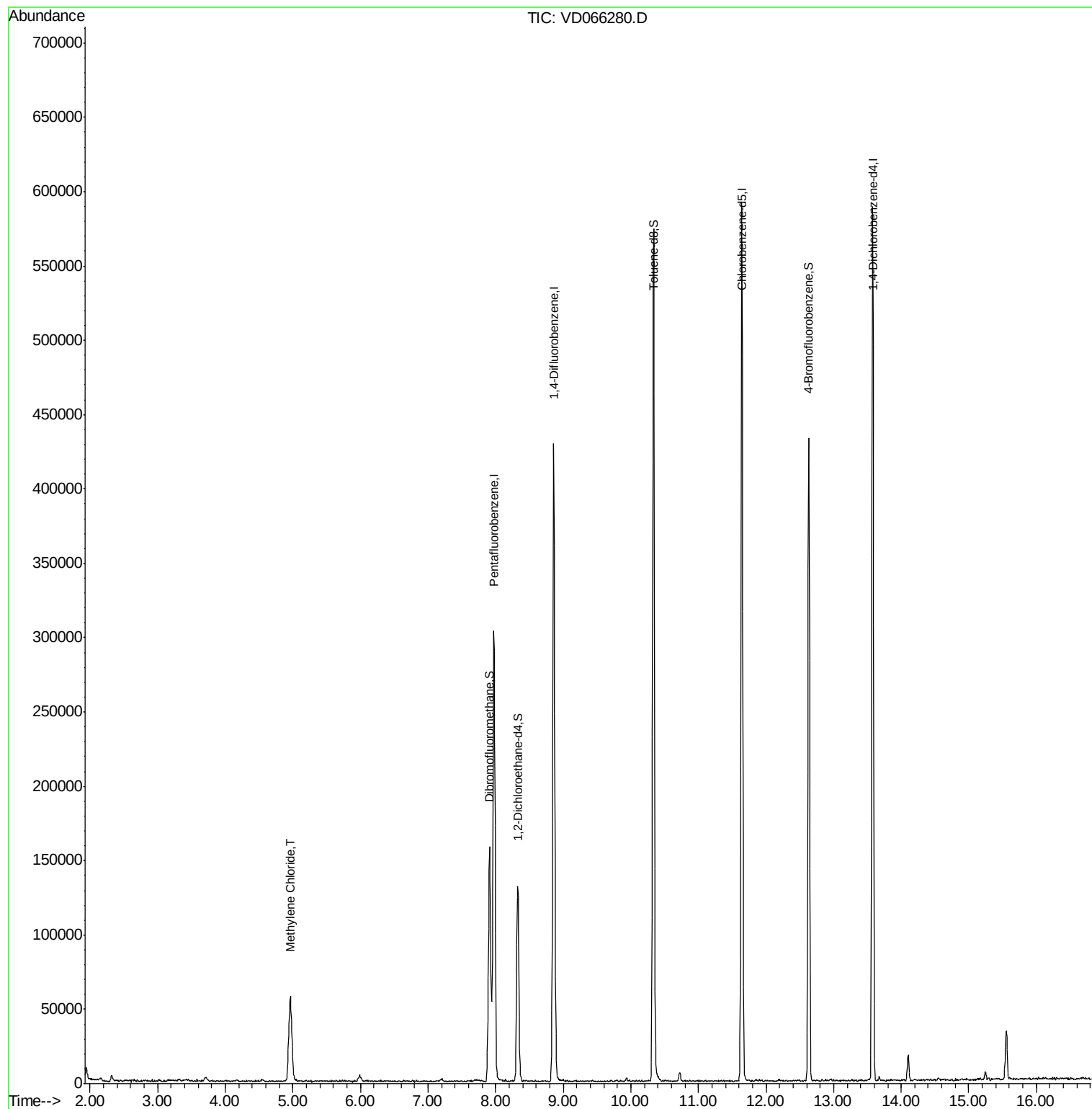
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	229972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	369694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	341121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	164121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	111369	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
35) Dibromofluoromethane	7.91	113	112208	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
50) Toluene-d8	10.34	98	390826	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
62) 4-Bromofluorobenzene	12.63	95	132590	42.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.12%	
Target Compounds						
20) Methylene Chloride	4.97	84	45249	17.177	ug/l	Qvalue 95

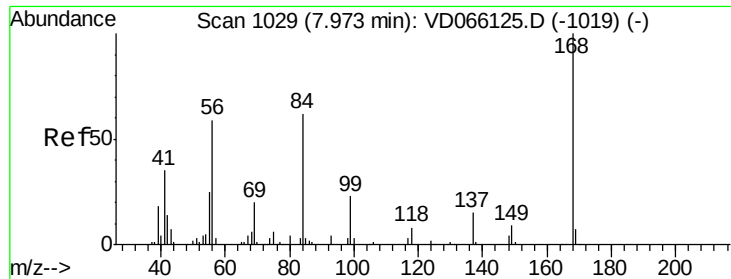
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066280.D

Acq: 18 Aug 2020 16:15

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MSVOA_D

ClientSampleId :

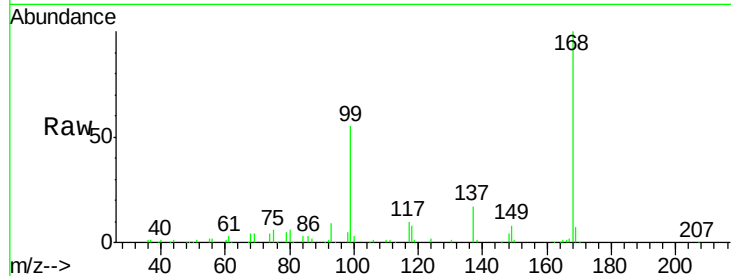
CL-02-081420

Tot Ion:168 Resp: 229972

Ion Ratio Lower Upper

168 100

99 54.9 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

120000

100000

80000

60000

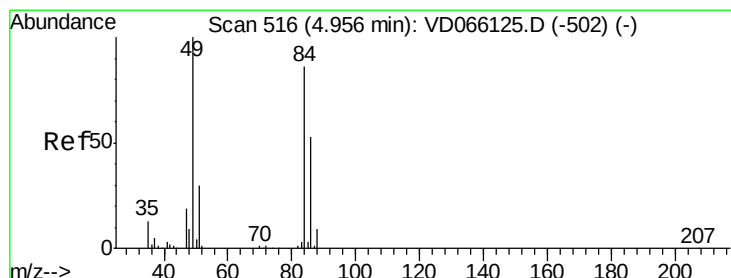
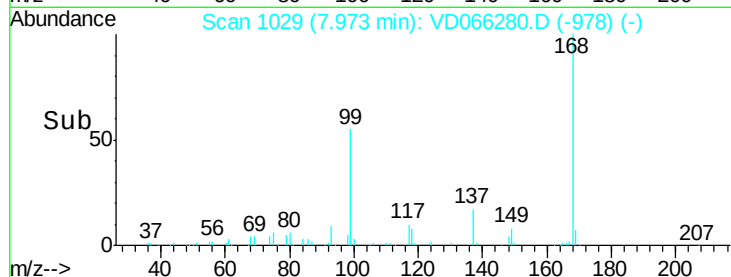
40000

20000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 17.177 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066280.D

Acq: 18 Aug 2020 16:15

Tgt Ion: 84 Resp: 45249

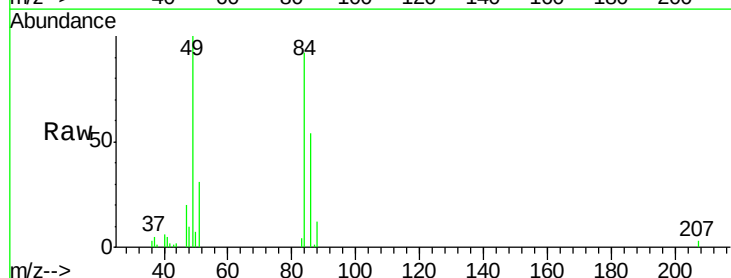
Ion Ratio Lower Upper

84 100

49 109.3 93.5 140.3

51 34.0 28.2 42.4

86 59.0 49.5 74.3



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

25000

20000

15000

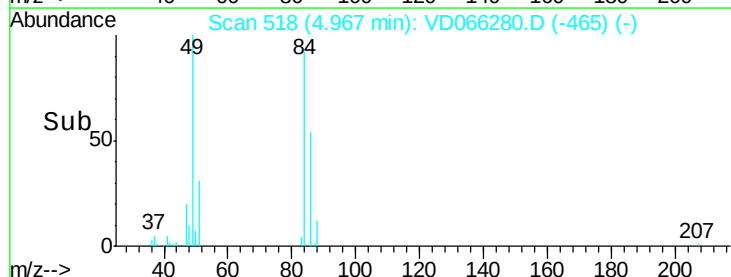
10000

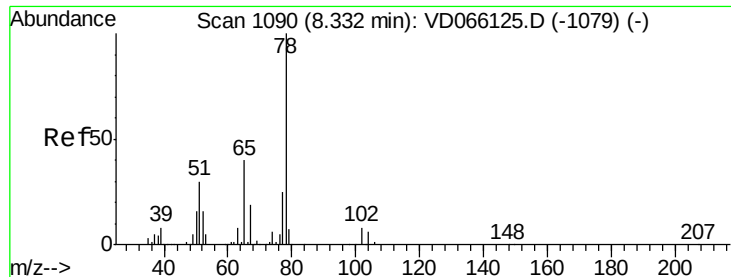
5000

0

Time-->

4.90 5.00 5.10

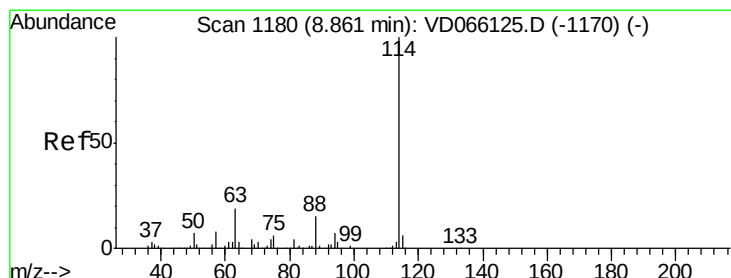
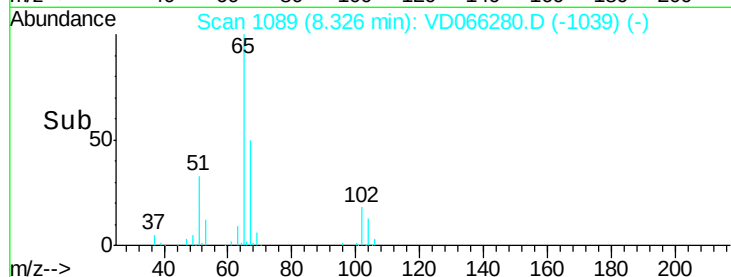
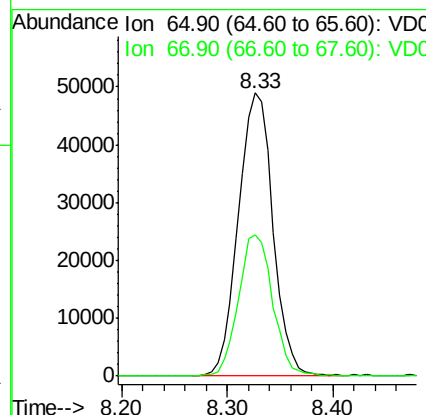
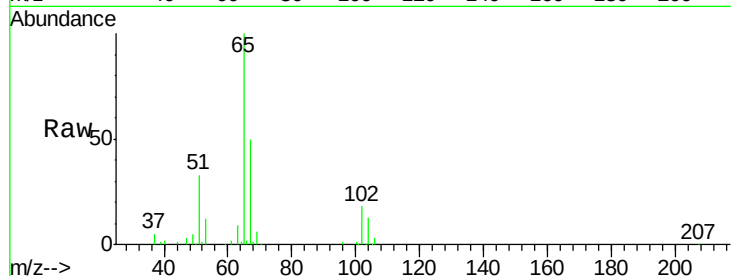




#33
 1,2-Dichloroethane-d4
 Concen: 54.281 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066280.D
 Acq: 18 Aug 2020 16:15

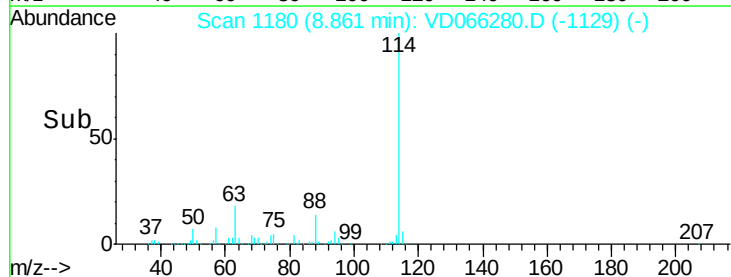
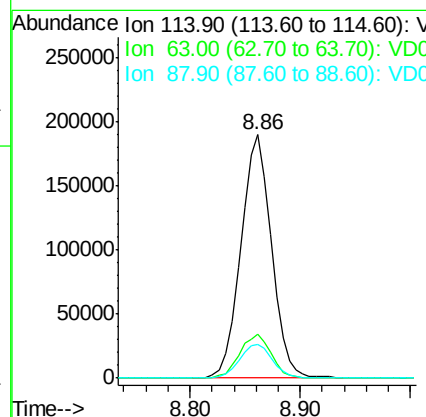
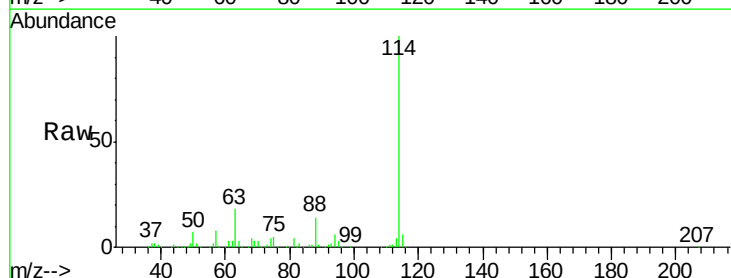
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-081420

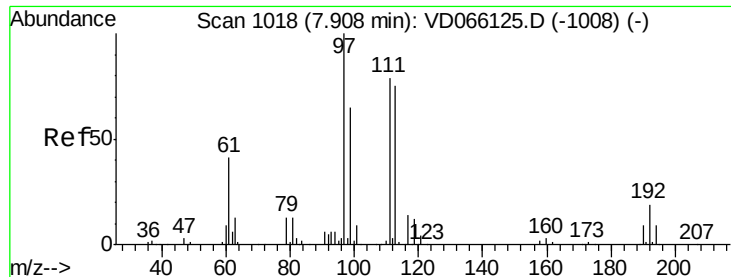
Tot Ion: 65 Resp: 111369
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066280.D
 Acq: 18 Aug 2020 16:15

Tgt Ion: 114 Resp: 369694
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.6
 88 13.8 0.0 30.0

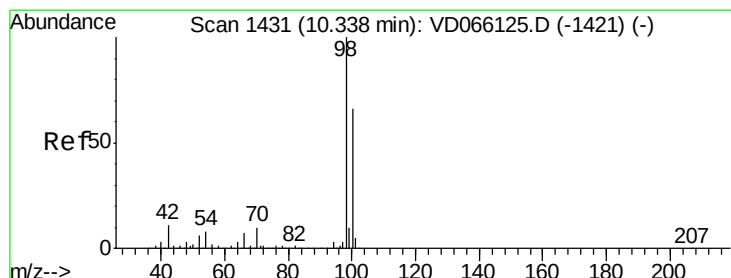
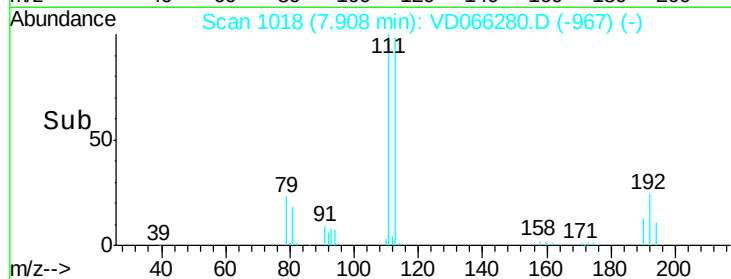
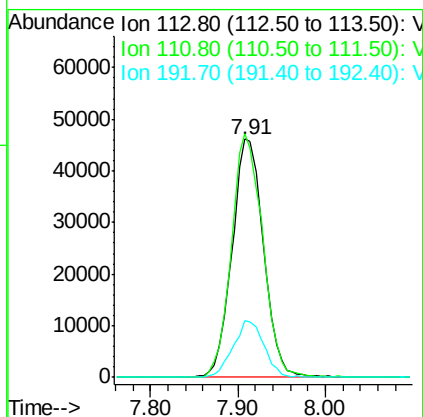
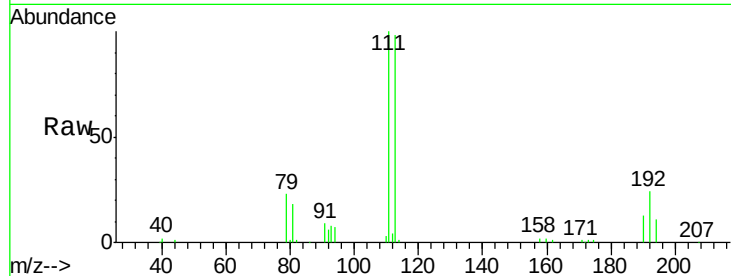




#35
 Dibromofluoromethane
 Concen: 47.912 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066280.D
 Acq: 18 Aug 2020 16:15

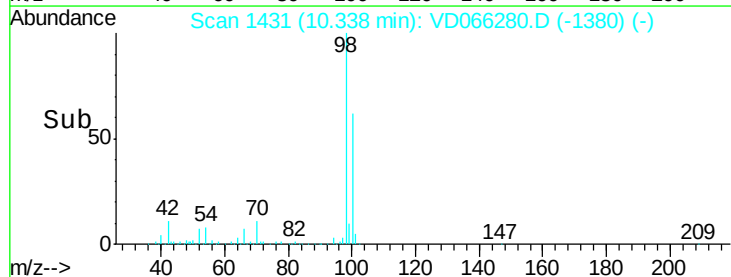
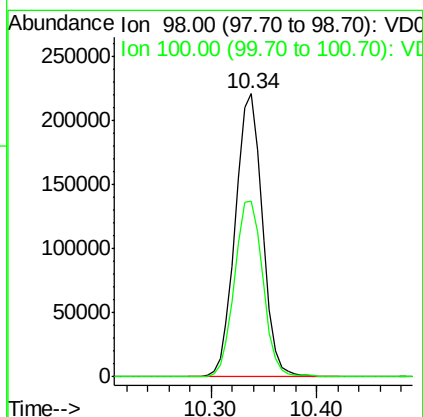
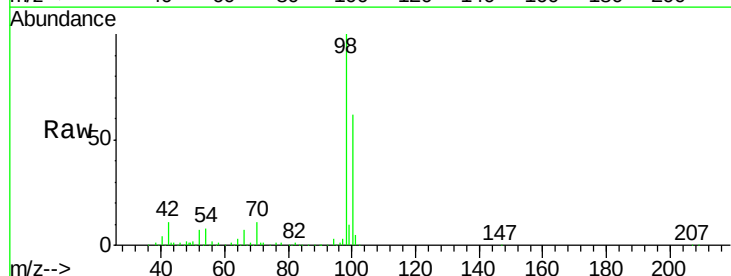
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-081420

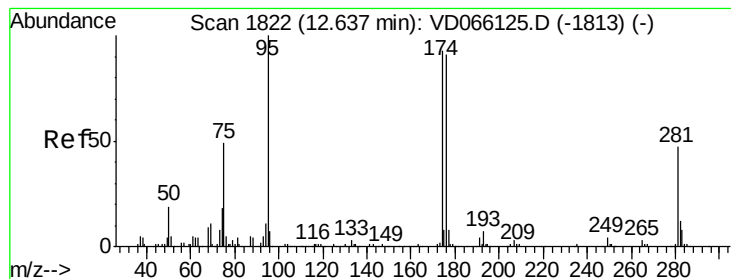
Tot Ion:113 Resp: 112208
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.7 121.1
 192 23.3 18.4 27.6



#50
 Toluene-d8
 Concen: 45.222 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066280.D
 Acq: 18 Aug 2020 16:15

Tgt Ion: 98 Resp: 390826
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 42.561 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066280.D

Acq: 18 Aug 2020 16:15

Instrument :

MSVOA_D

ClientSampleId :

CL-02-081420

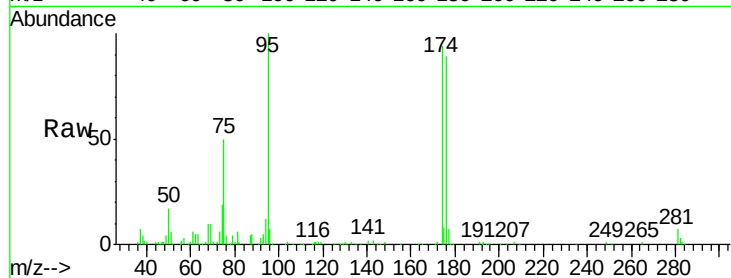
Tot Ion: 95 Resp: 132590

Ion Ratio Lower Upper

95 100

174 92.6 0.0 180.8

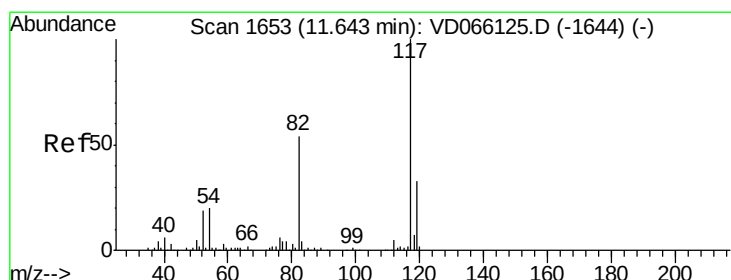
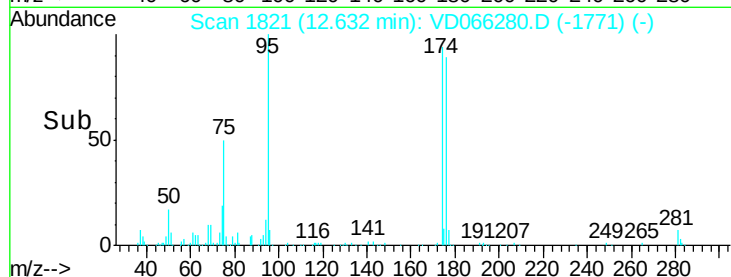
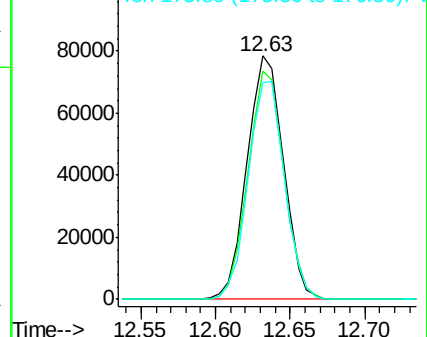
176 89.1 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066280.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD066280.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD066280.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066280.D

Acq: 18 Aug 2020 16:15

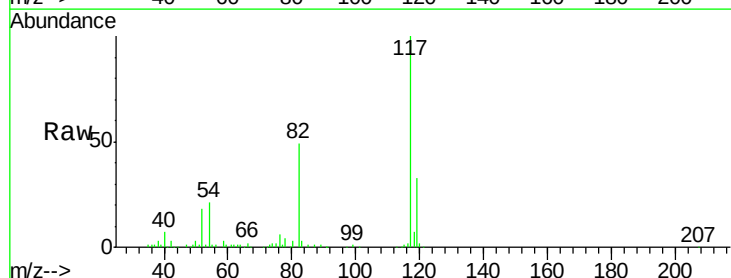
Tgt Ion: 117 Resp: 341121

Ion Ratio Lower Upper

117 100

82 49.4 43.0 64.4

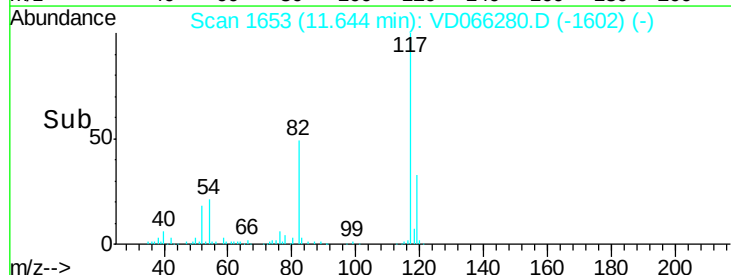
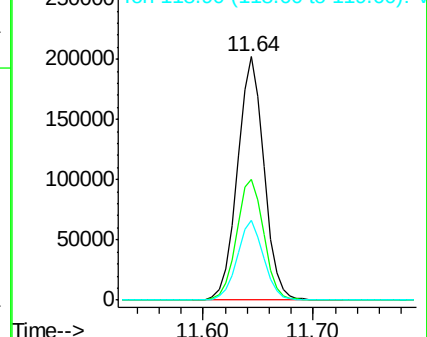
119 32.9 26.1 39.1

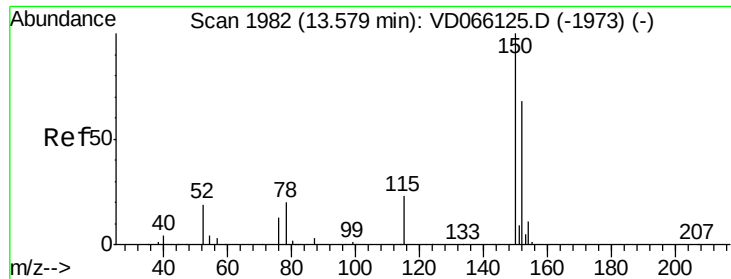


Abundance Ion 116.90 (116.60 to 117.60): VD066280.D (-1602) (-)

Ion 82.00 (81.70 to 82.70): VD066280.D (-1602) (-)

Ion 118.90 (118.60 to 119.60): VD066280.D (-1602) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD066280.D
 Acq: 18 Aug 2020 16:15

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-081420

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.0	83.9
150	156.9	0.0	346.4

