

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066167.D
 Acq On : 10 Aug 2020 16:29
 Operator : VA/SY
 Sample : L3594-05
 Misc : 6.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Aug 11 05:44:20 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

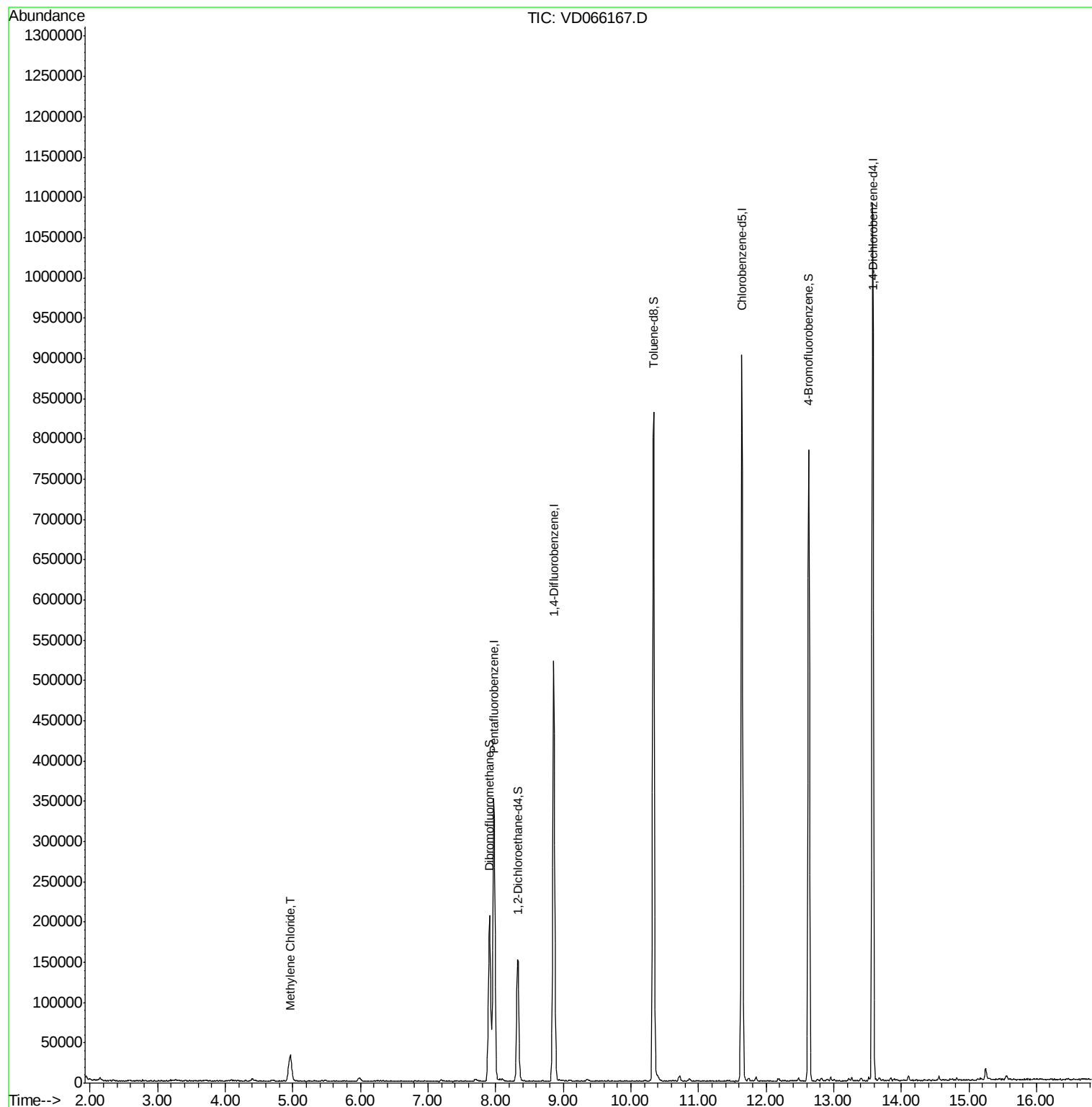
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	273909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	460478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	530356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293084	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	122932	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
35) Dibromofluoromethane	7.91	113	145092	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	10.34	98	573456	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.63	95	255002	65.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.44%	
Target Compounds						
20) Methylene Chloride	4.96	84	26443	5.808	ug/l	Qvalue 90

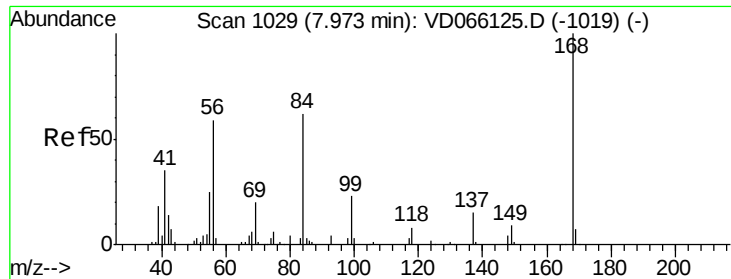
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

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MSVOA_D

ClientSampleId :

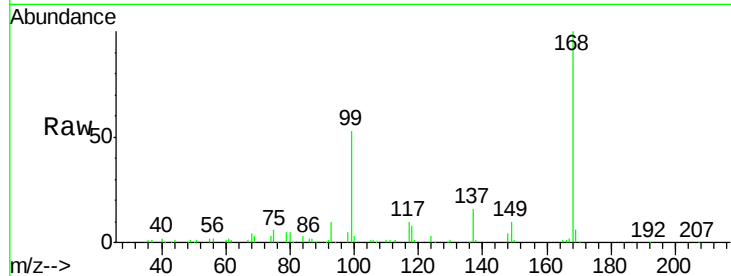
TP-2

Tot Ion:168 Resp: 273909

Ion Ratio Lower Upper

168 100

99 52.6 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

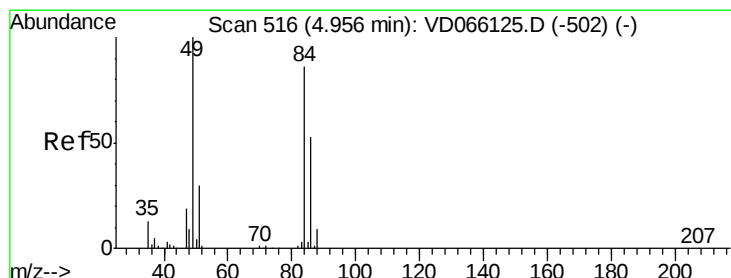
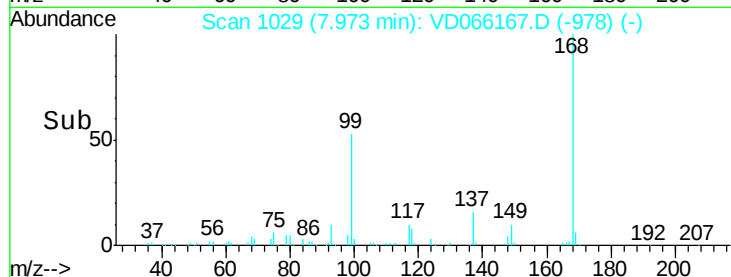
7.97

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.808 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066167.D

Acq: 10 Aug 2020 16:29

Tgt Ion: 84 Resp: 26443

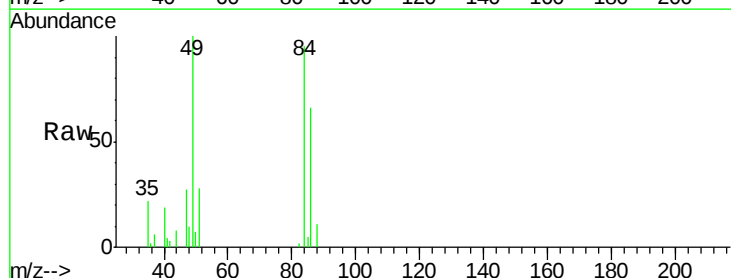
Ion Ratio Lower Upper

84 100

49 105.1 93.5 140.3

51 29.8 28.2 42.4

86 69.4 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

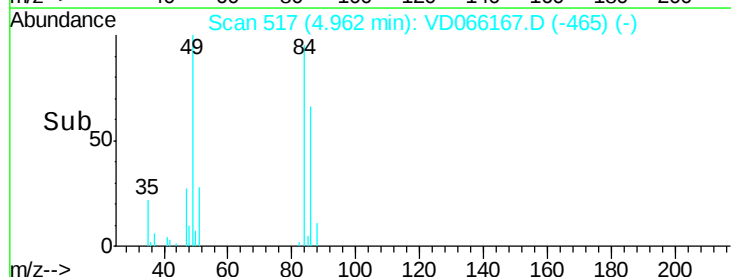
4.96

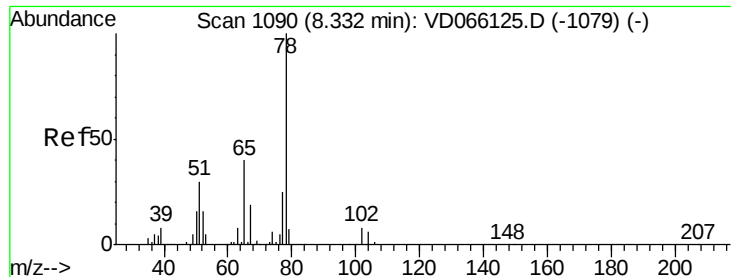
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.306 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066167.D

Acq: 10 Aug 2020 16:29

Instrument :

MSVOA_D

ClientSampleId :

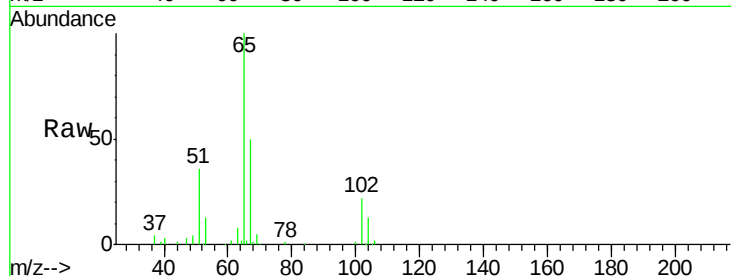
TP-2

Tot Ion: 65 Resp: 122932

Ion Ratio Lower Upper

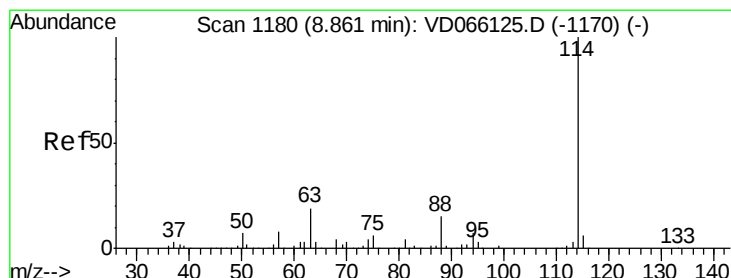
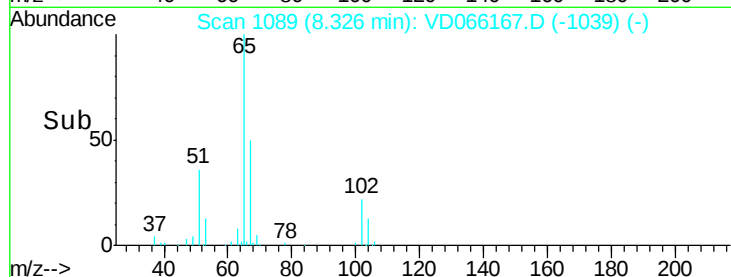
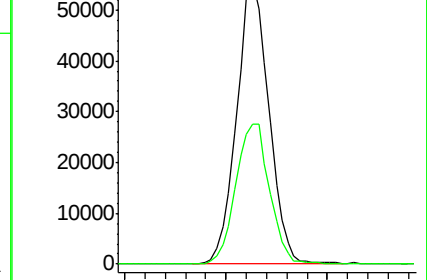
65 100

67 51.9 0.0 104.6



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: VD066167.D

Acq: 10 Aug 2020 16:29

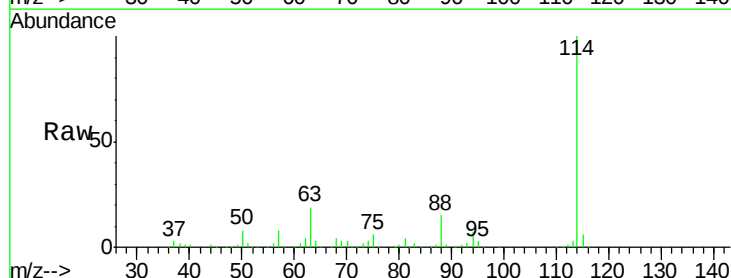
Tgt Ion: 114 Resp: 460478

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

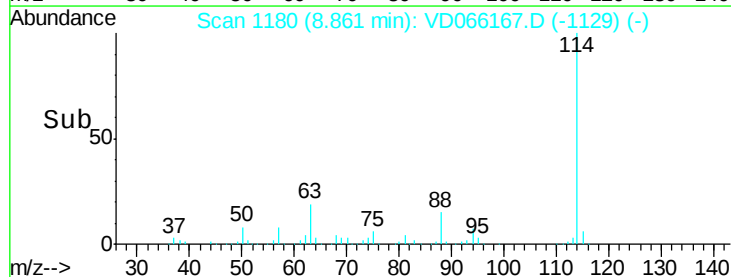
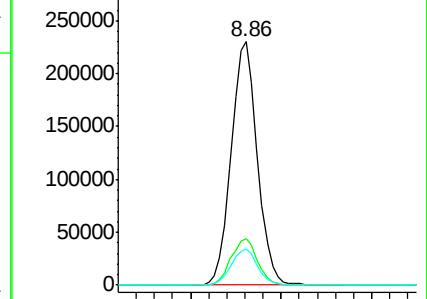
88 14.9 0.0 30.0

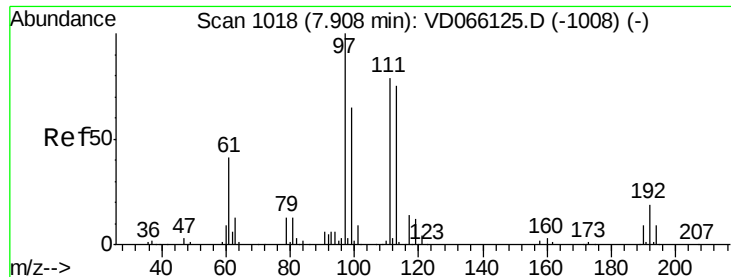


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

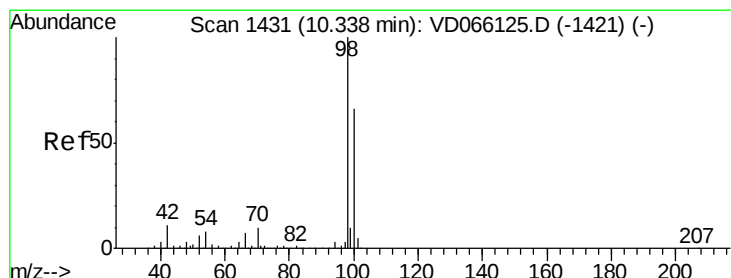
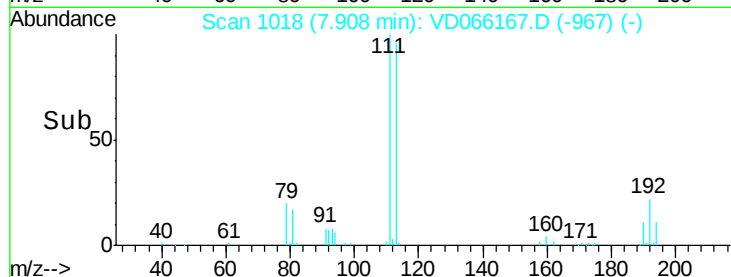
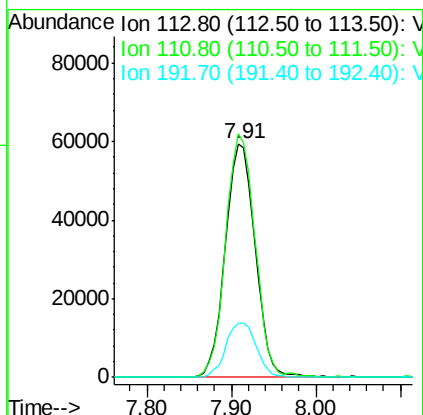
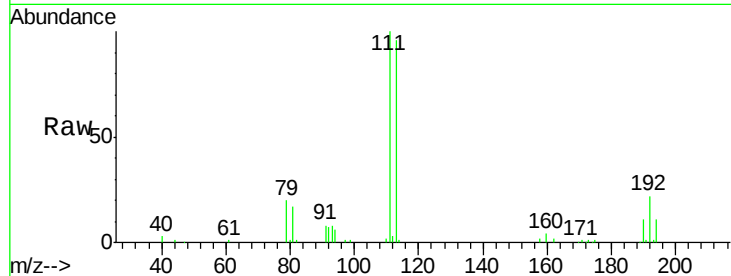




#35
 Dibromofluoromethane
 Concen: 49.739 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066167.D
 Acq: 10 Aug 2020 16:29

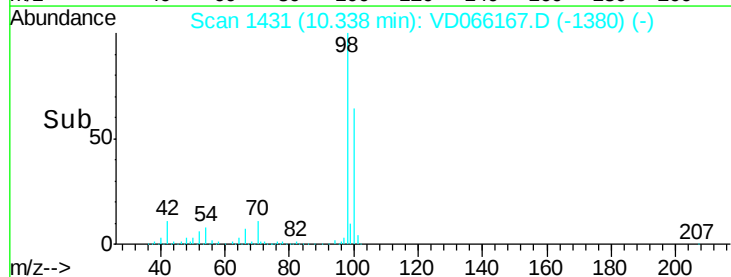
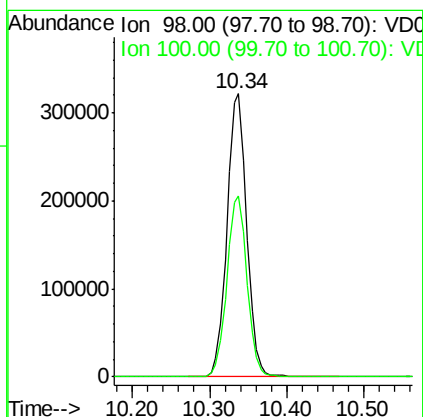
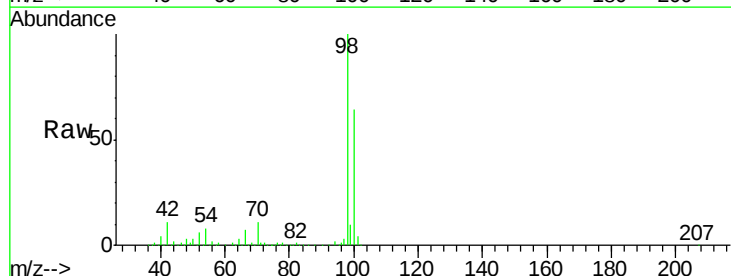
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

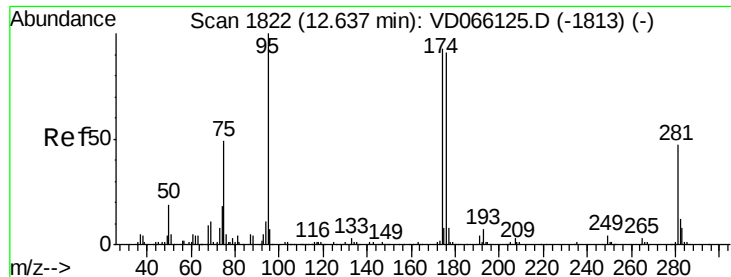
Tot Ion:113 Resp: 145092
 Ion Ratio Lower Upper
 113 100
 111 102.9 80.7 121.1
 192 23.7 18.4 27.6



#50
 Toluene-d8
 Concen: 53.272 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066167.D
 Acq: 10 Aug 2020 16:29

Tgt Ion: 98 Resp: 573456
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.6 78.8

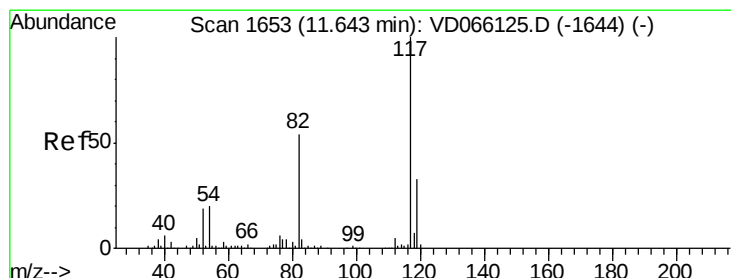
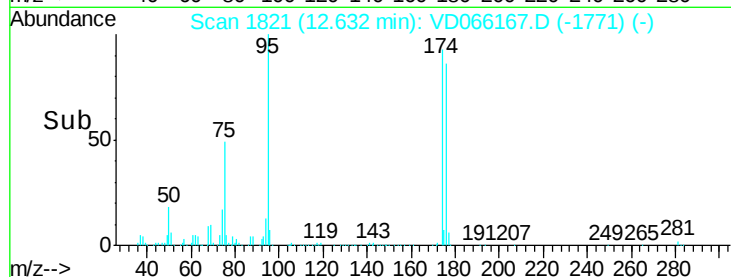
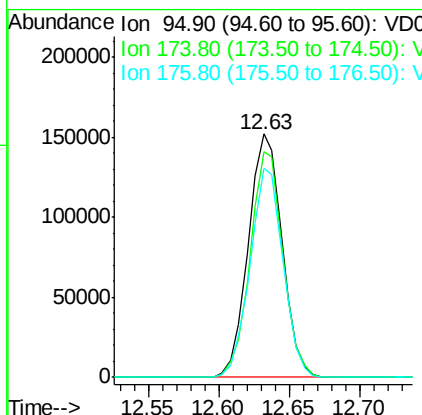
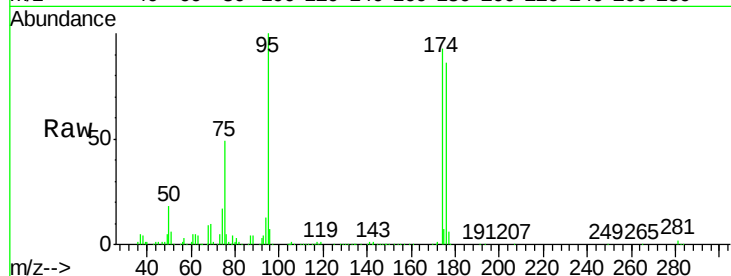




#62
4-Bromofluorobenzene
Concen: 65.718 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066167.D
Acq: 10 Aug 2020 16:29

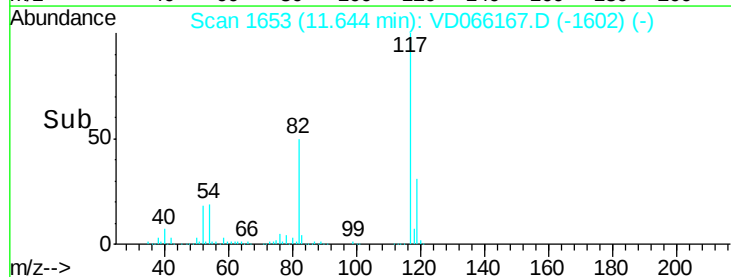
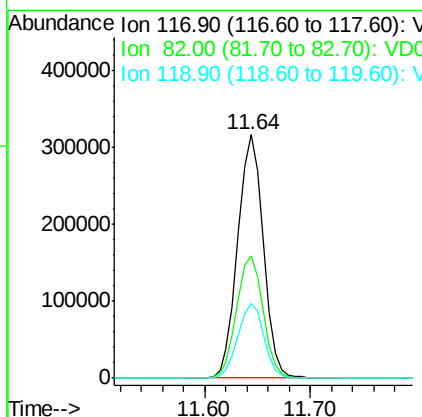
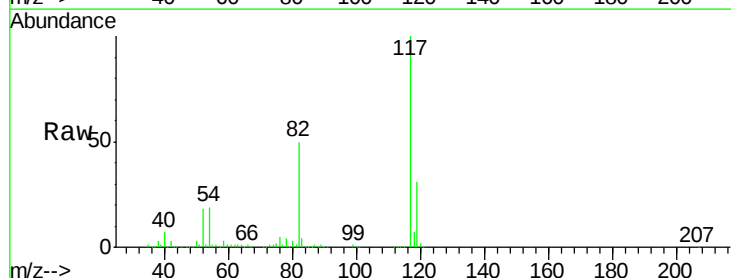
Instrument :
MSVOA_D
ClientSampleId :
TP-2

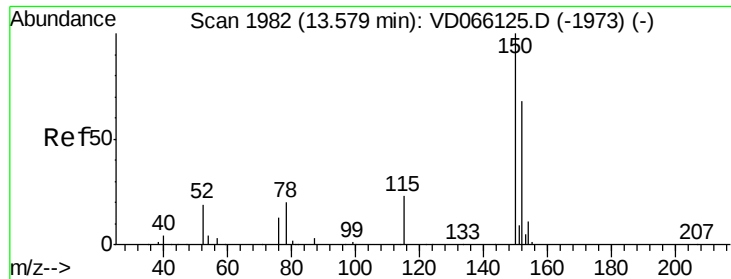
Tot Ion: 95 Resp: 255002
Ion Ratio Lower Upper
95 100
174 90.3 0.0 180.8
176 84.3 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066167.D
Acq: 10 Aug 2020 16:29

Tgt Ion: 117 Resp: 530356
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.4
119 30.9 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066167.D

Acq: 10 Aug 2020 16:29

Instrument :

MSVOA_D

ClientSampleId :

TP-2

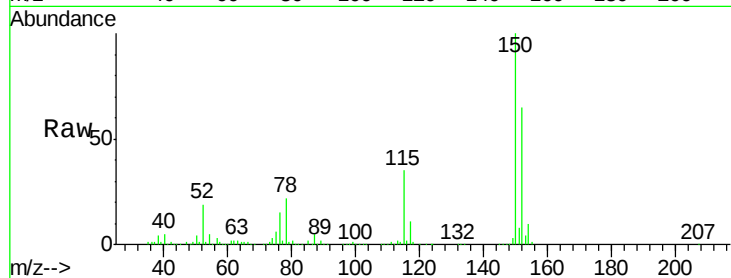
Tot Ion:152 Resp: 293084

Ion Ratio Lower Upper

152 100

115 55.4 28.0 83.9

150 157.1 0.0 346.4



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

