

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066590.D
 Acq On : 09 Sep 2020 18:27
 Operator : VA/SY
 Sample : L3919-07
 Misc : 6.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12

Quant Time: Sep 10 02:26:13 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

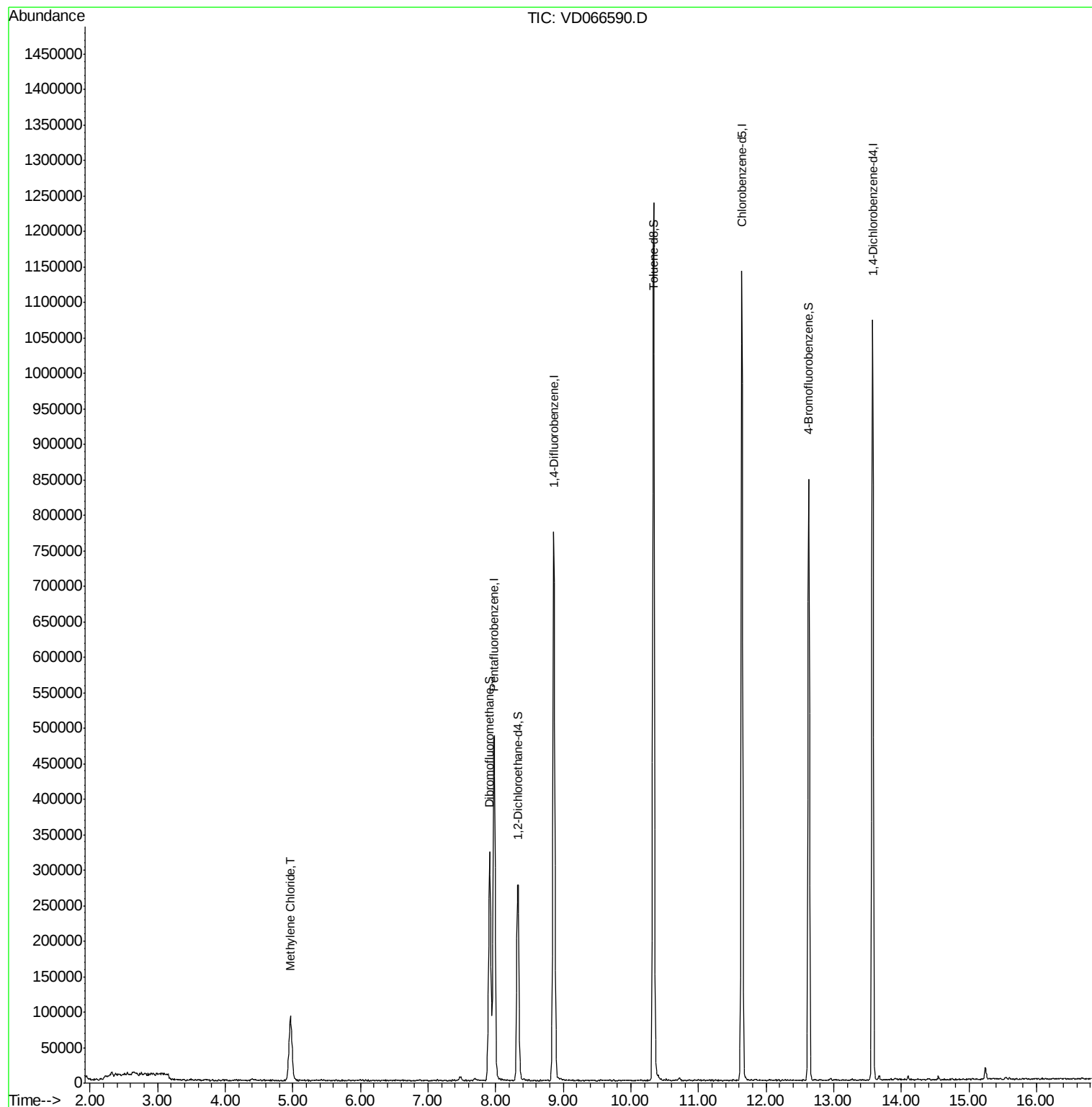
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	331553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	636972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	603783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	258659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	239814	59.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.56%	
35) Dibromofluoromethane	7.91	113	224291	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
50) Toluene-d8	10.34	98	799215	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.63	95	256829	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
Target Compounds						
20) Methylene Chloride	4.97	84	66281	11.363	ug/l	Qvalue 88

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

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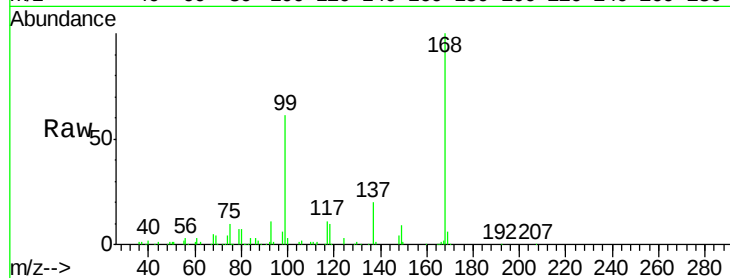
TP-12

Tot Ion:168 Resp: 331553

Ion Ratio Lower Upper

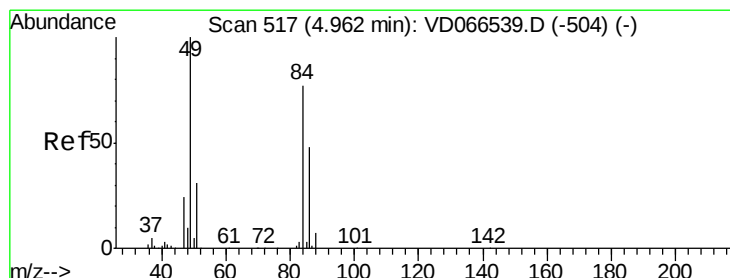
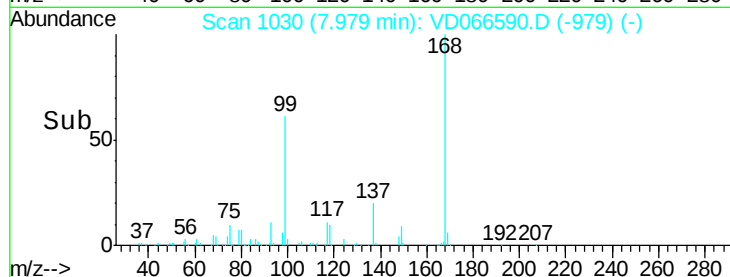
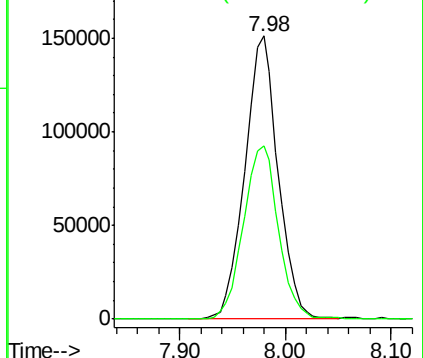
168 100

99 61.3 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 11.363 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066590.D

Acq: 09 Sep 2020 18:27

Tgt Ion: 84 Resp: 66281

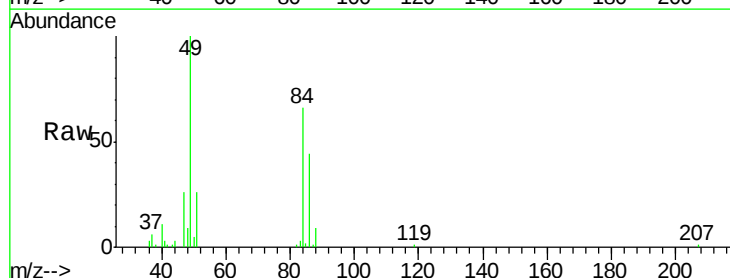
Ion Ratio Lower Upper

84 100

49 150.9 104.3 156.5

51 39.4 32.2 48.4

86 66.8 50.0 75.0

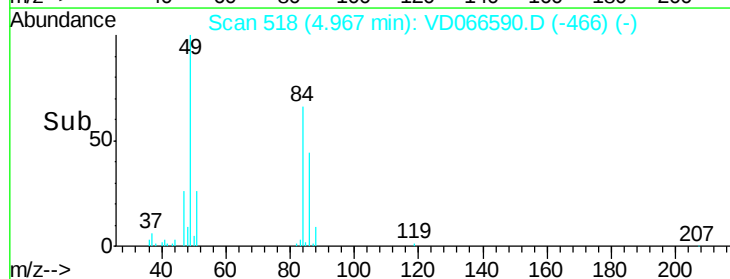
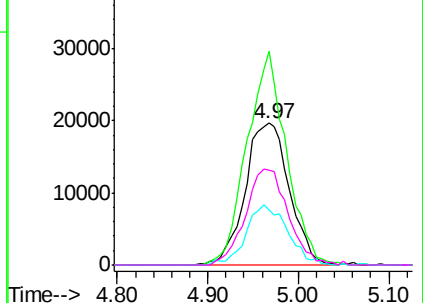


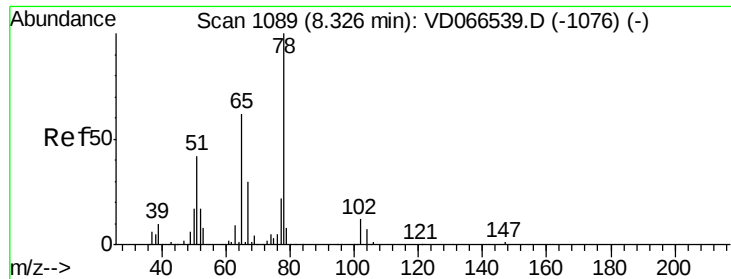
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

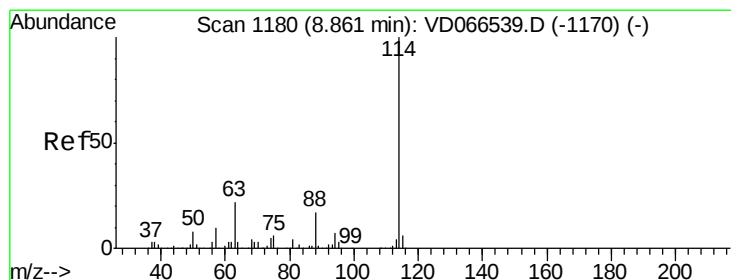
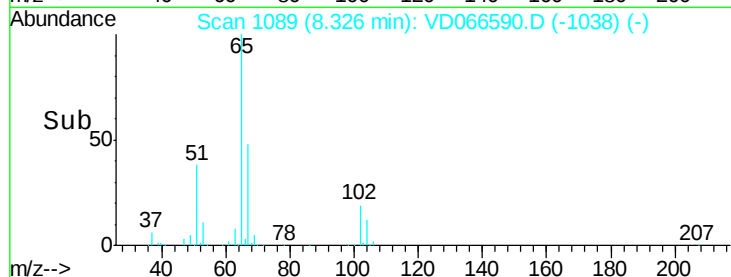
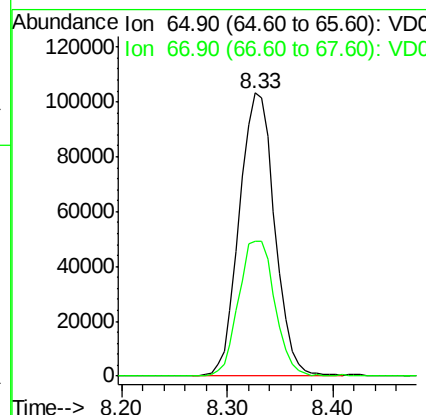
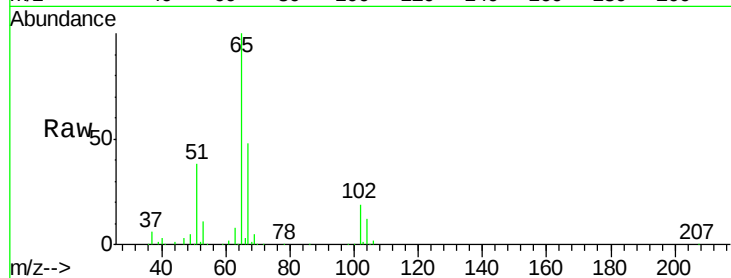




#33
 1,2-Dichloroethane-d4
 Concen: 59.782 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066590.D
 Acq: 09 Sep 2020 18:27

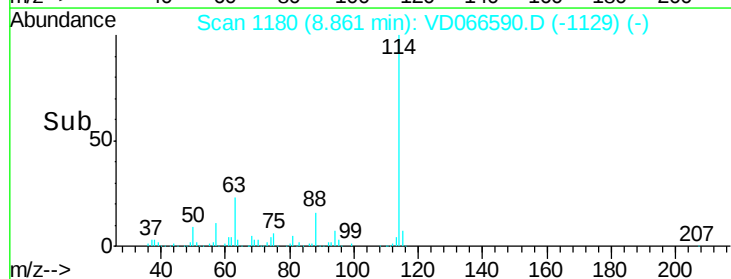
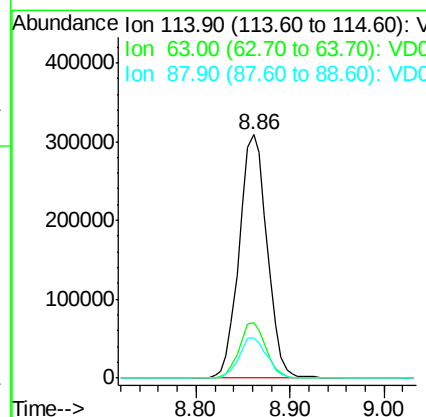
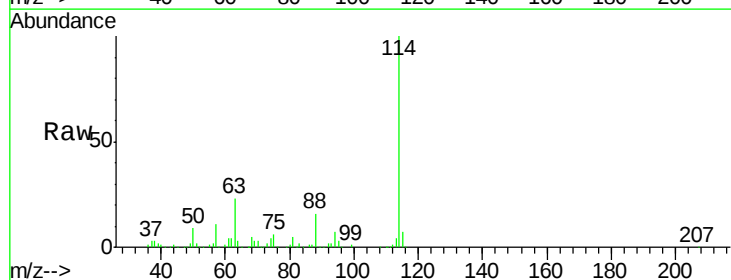
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12

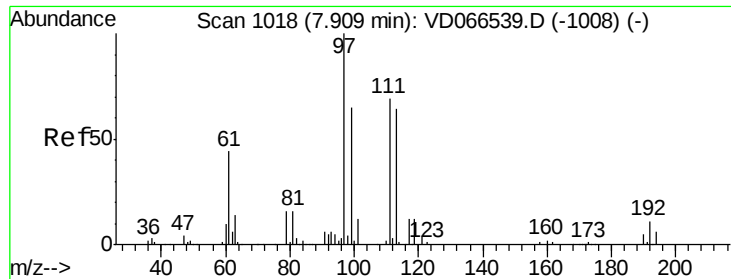
Tot Ion: 65 Resp: 239814
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066590.D
 Acq: 09 Sep 2020 18:27

Tgt Ion: 114 Resp: 636972
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 43.2
 88 16.2 0.0 33.2

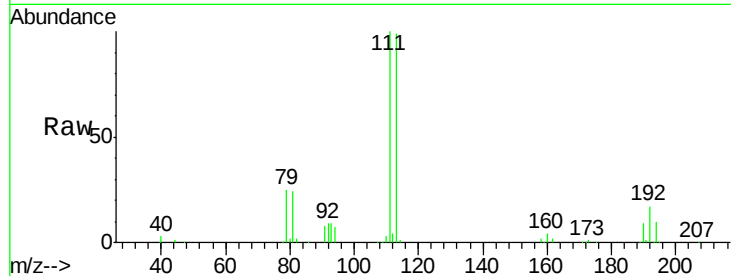




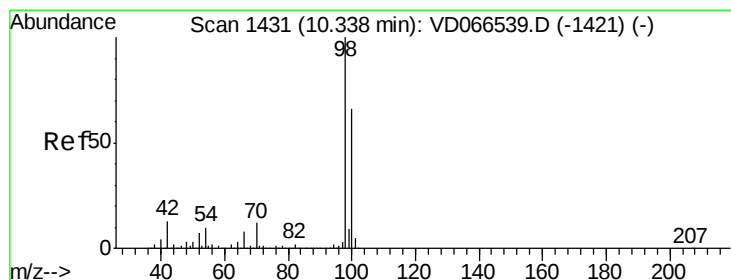
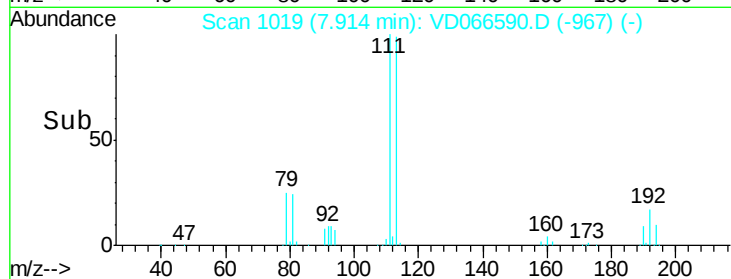
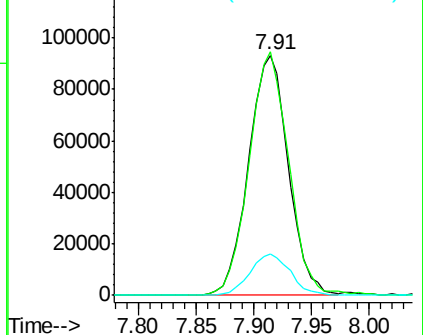
#35
 Dibromofluoromethane
 Concen: 52.196 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066590.D
 Acq: 09 Sep 2020 18:27

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12

Tot Ion:113 Resp: 224291
 Ion Ratio Lower Upper
 113 100
 111 101.1 83.2 124.8
 192 17.5 13.7 20.5

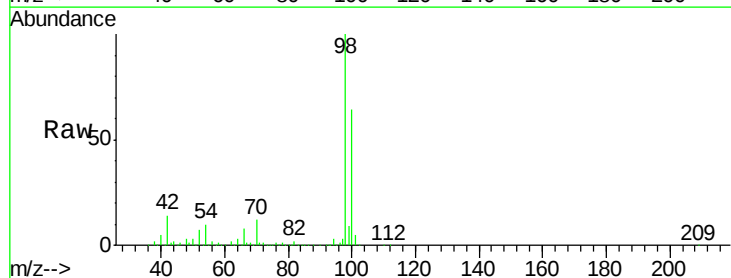


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

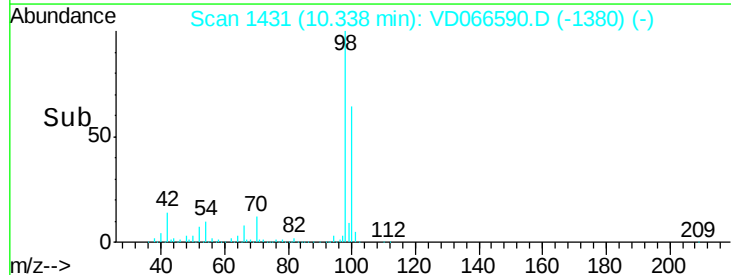
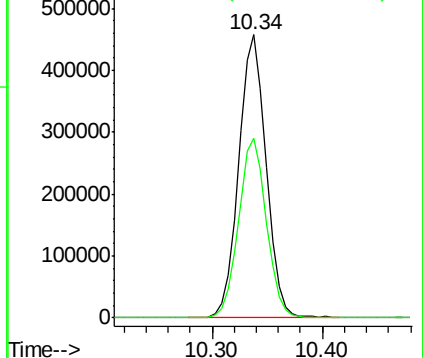


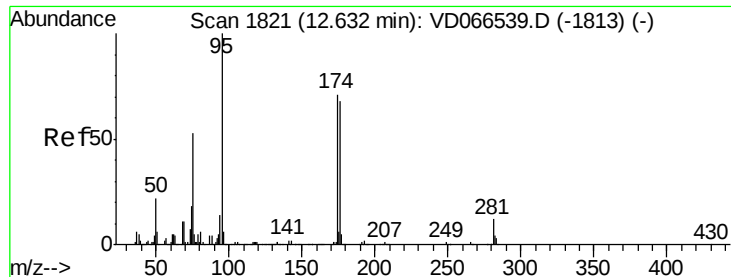
#50
 Toluene-d8
 Concen: 52.038 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066590.D
 Acq: 09 Sep 2020 18:27

Tgt Ion: 98 Resp: 799215
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

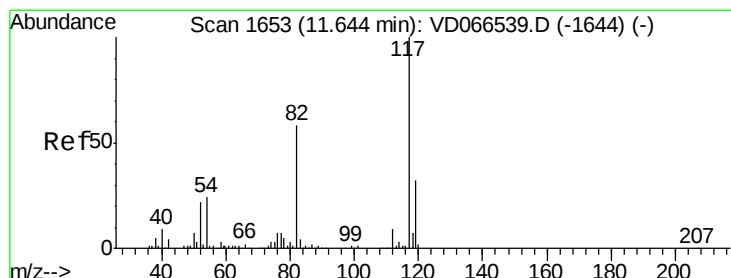
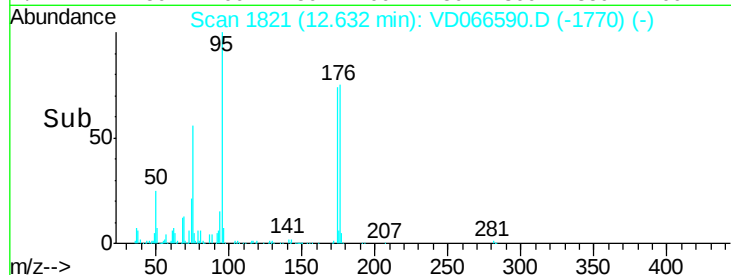
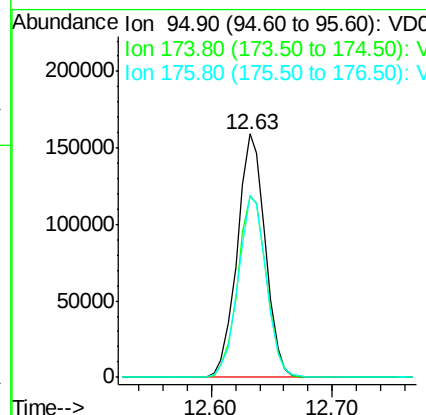
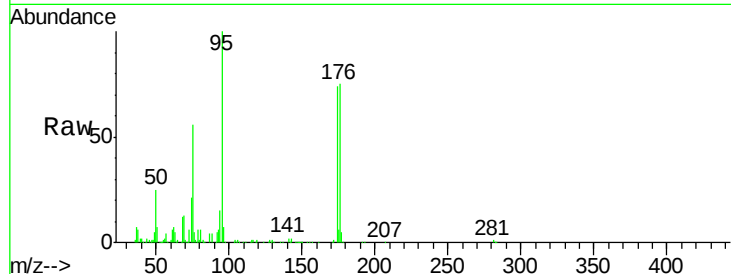




#62
4-Bromofluorobenzene
Concen: 50.431 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066590.D
Acq: 09 Sep 2020 18:27

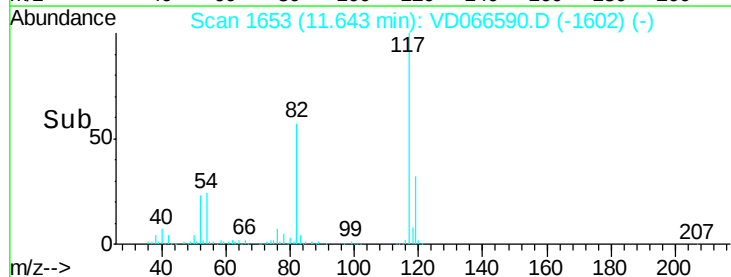
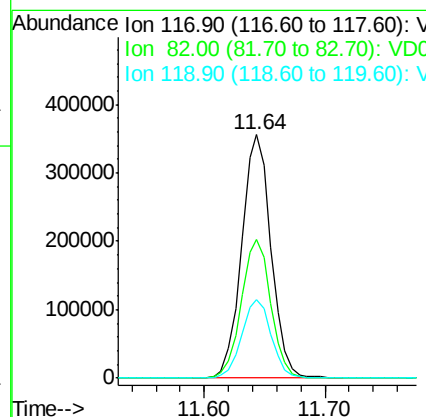
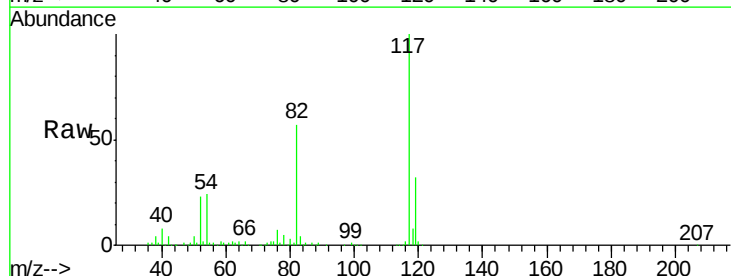
Instrument :
MSVOA_D
ClientSampleId :
TP-12

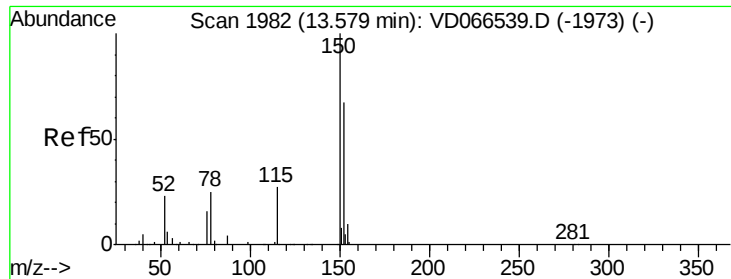
Tot Ion: 95 Resp: 256829
Ion Ratio Lower Upper
95 100
174 76.4 0.0 155.8
176 75.0 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066590.D
Acq: 09 Sep 2020 18:27

Tgt Ion: 117 Resp: 603783
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.2
119 32.1 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066590.D

Acq: 09 Sep 2020 18:27

Instrument :

MSVOA_D

ClientSampleId :

TP-12

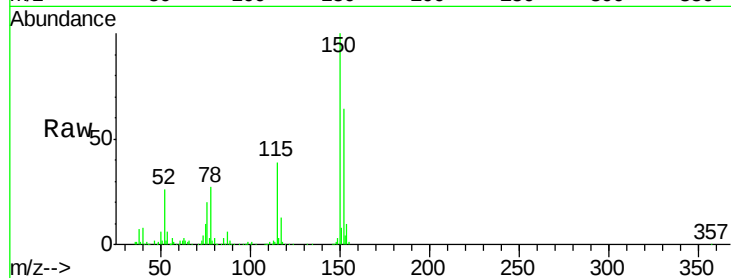
Tot Ion:152 Resp: 258659

Ion Ratio Lower Upper

152 100

115 61.6 30.4 91.2

150 159.2 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

