

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066282.D
 Acq On : 18 Aug 2020 17:09
 Operator : VA/SY
 Sample : L3711-01
 Misc : 7.82G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-025-IDWSO-20200814

Quant Time: Aug 19 07:08:55 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	7.98	168	205238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	315031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	280857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	128032	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	96709	52.82	ug/l	0.00
Spiked Amount			Recovery	=	105.64%	
35) Dibromofluoromethane	7.91	113	99285	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
50) Toluene-d8	10.34	98	330923	44.93	ug/l	0.00
Spiked Amount			Recovery	=	89.86%	
62) 4-Bromofluorobenzene	12.63	95	105968	39.92	ug/l	0.00
Spiked Amount			Recovery	=	79.84%	

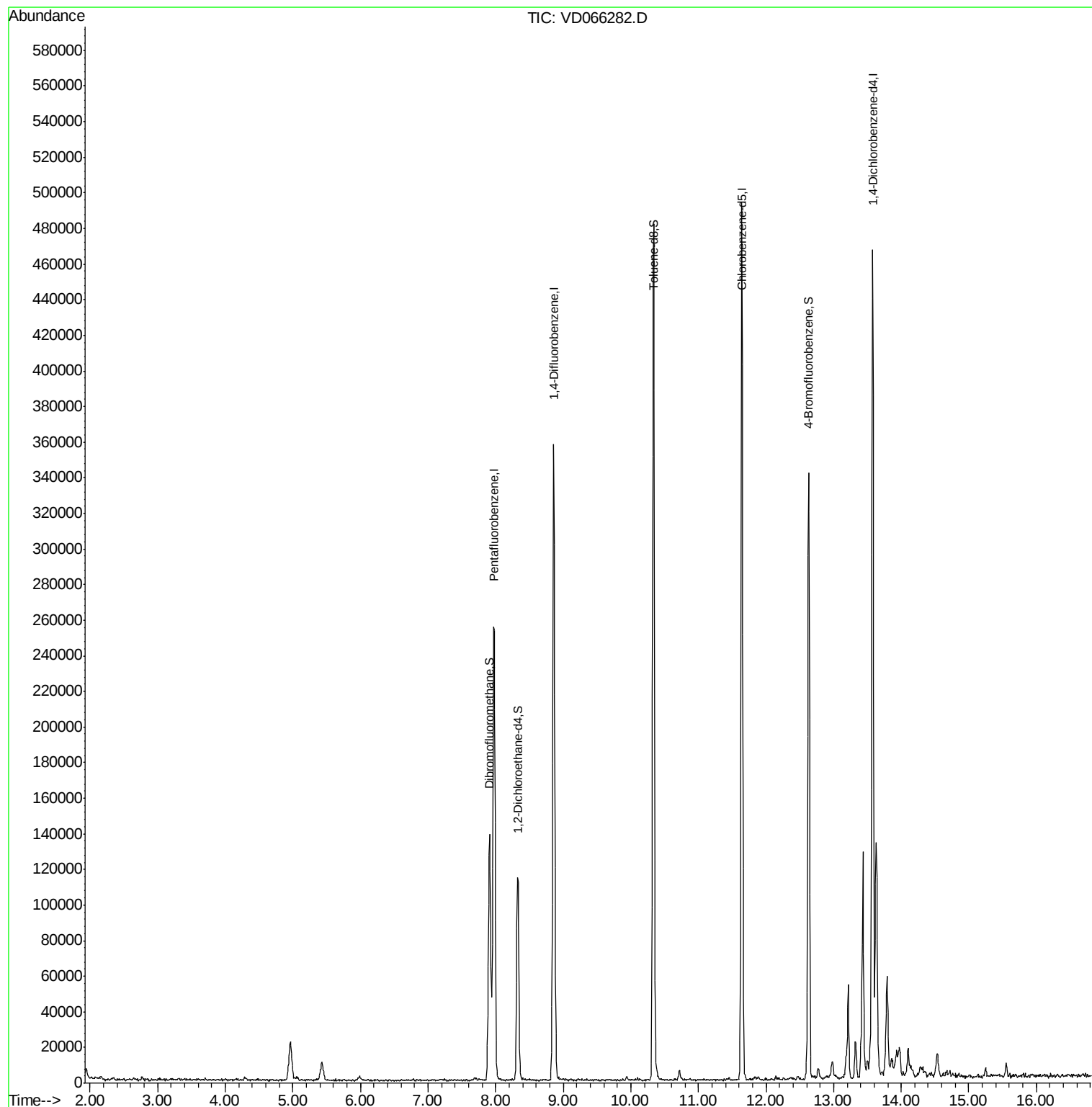
Target Compounds	Qvalue
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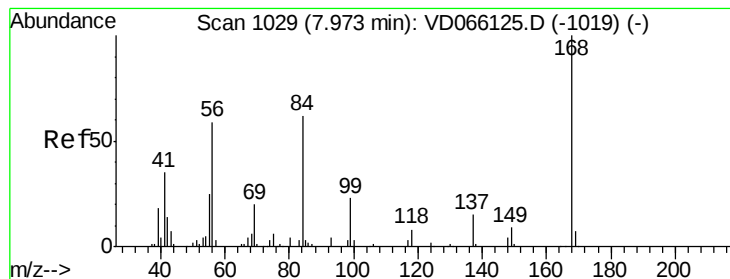
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081820\
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066282.D

Acq: 18 Aug 2020 17:09

Instrument :

MSVOA_D

ClientSampleId :

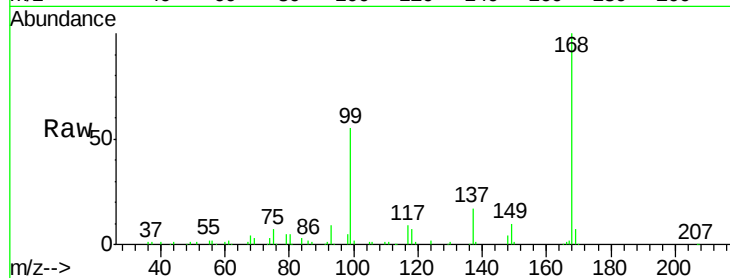
TT-025-IDWSO-20200814

Tot Ion:168 Resp: 205238

Ion Ratio Lower Upper

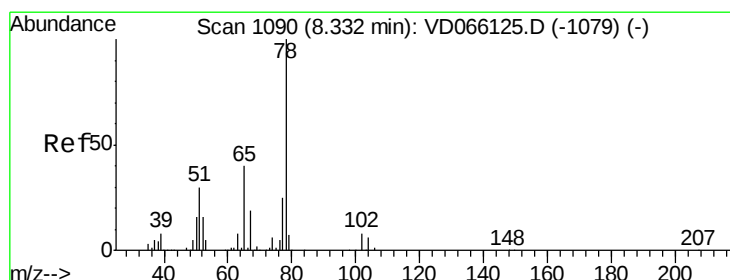
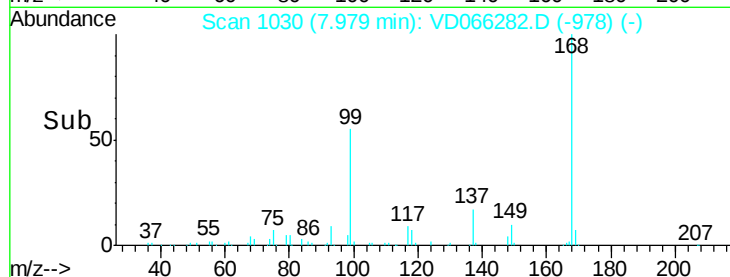
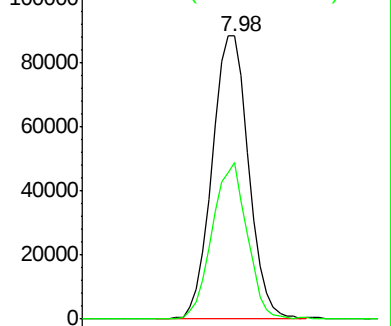
168 100

99 55.2 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 52.817 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066282.D

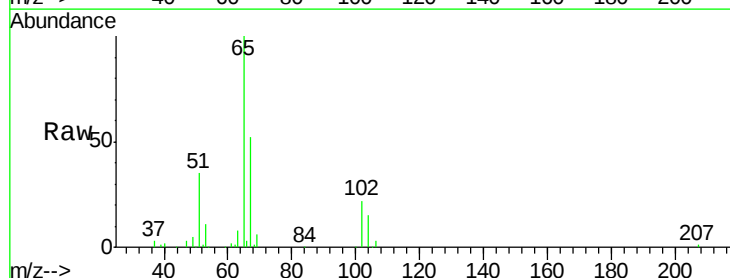
Acq: 18 Aug 2020 17:09

Tgt Ion: 65 Resp: 96709

Ion Ratio Lower Upper

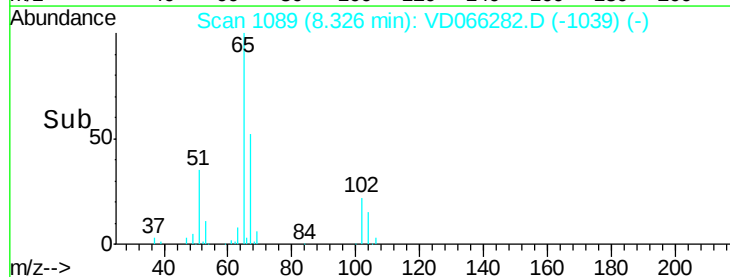
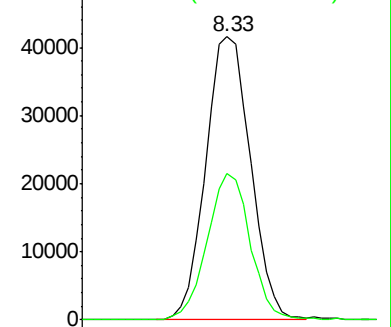
65 100

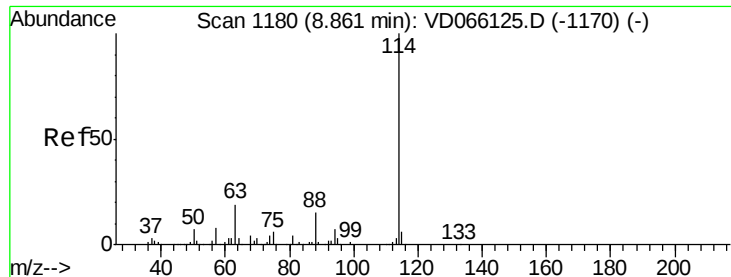
67 49.7 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

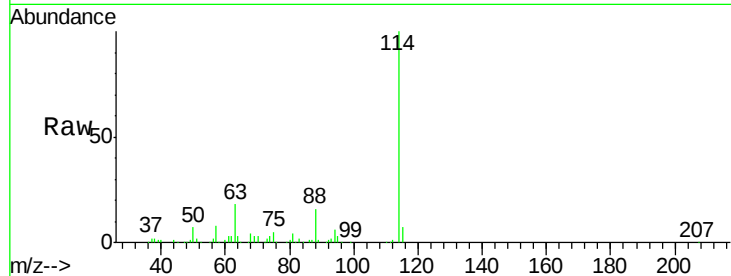




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066282.D
 Acq: 18 Aug 2020 17:09

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-025-IDWSO-20200814

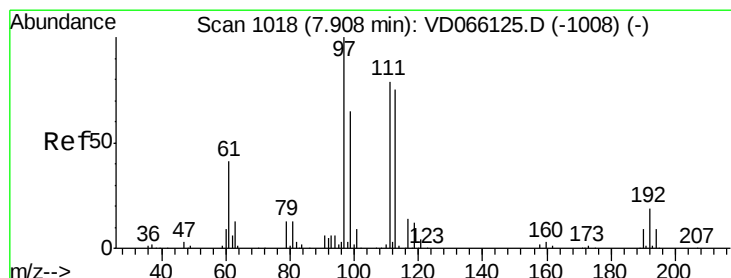
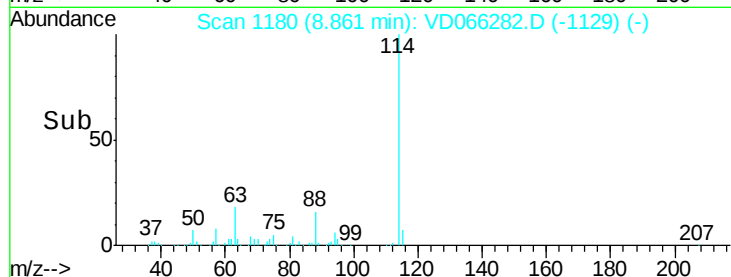
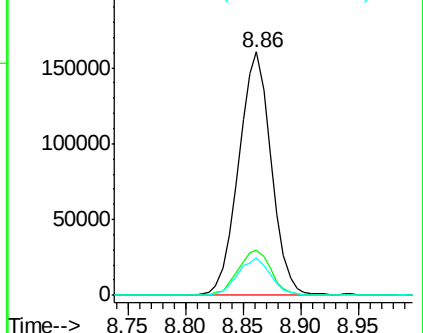
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	38.6
88	15.6	0.0	30.0



Abundance Ion 113.90 (113.60 to 114.60): V

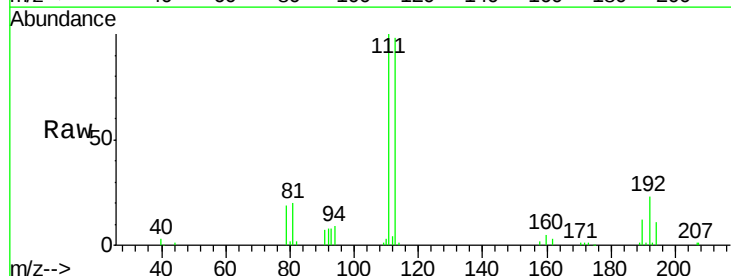
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 49.750 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066282.D
 Acq: 18 Aug 2020 17:09

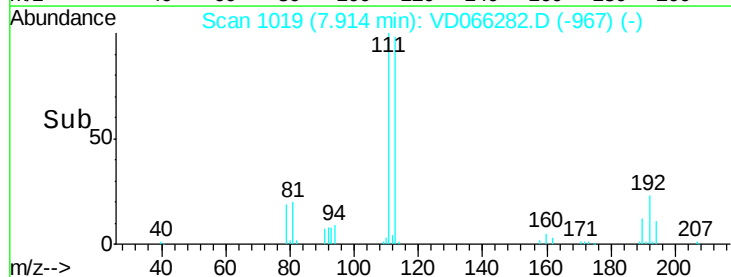
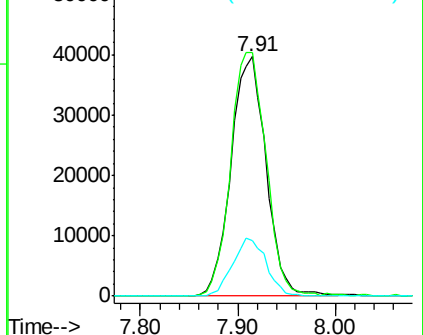
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.7	121.1
192	23.2	18.4	27.6

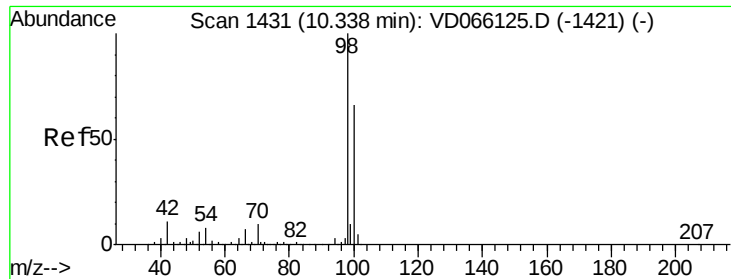


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.934 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066282.D

Acq: 18 Aug 2020 17:09

Instrument :

MSVOA_D

ClientSampleId :

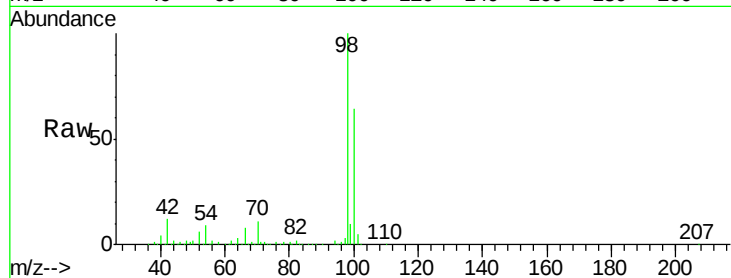
TT-025-IDWSO-20200814

Tot Ion: 98 Resp: 330923

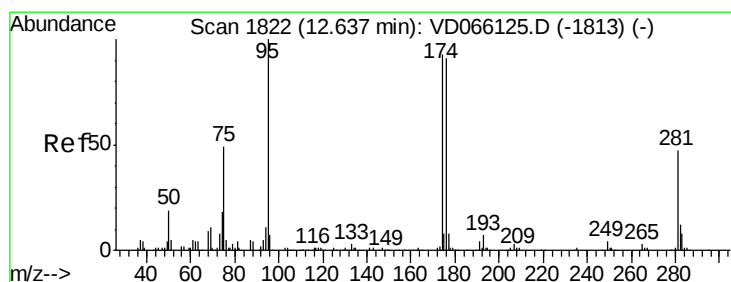
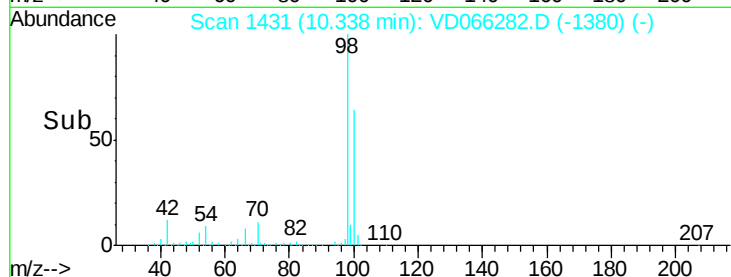
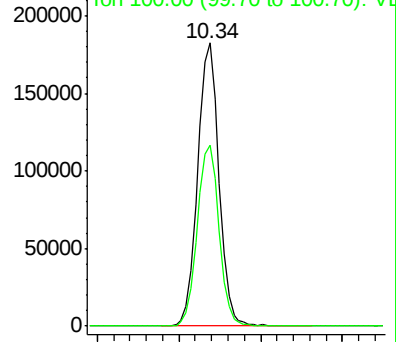
Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VD066125.D (-1421) (-)



#62

4-Bromofluorobenzene

Concen: 39.918 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066282.D

Acq: 18 Aug 2020 17:09

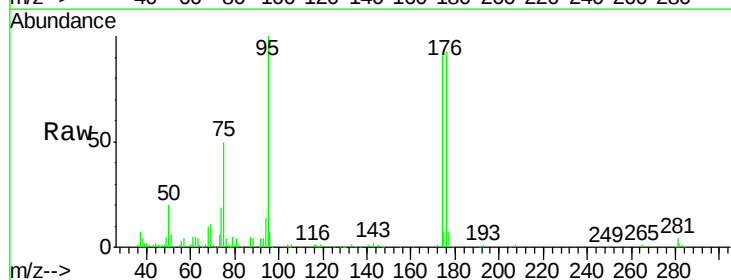
Tgt Ion: 95 Resp: 105968

Ion Ratio Lower Upper

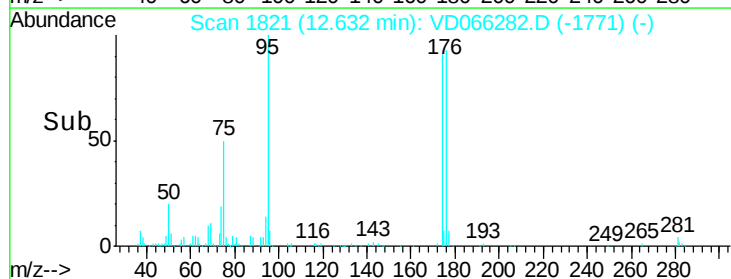
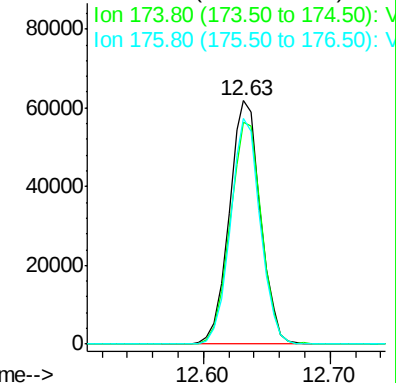
95 100

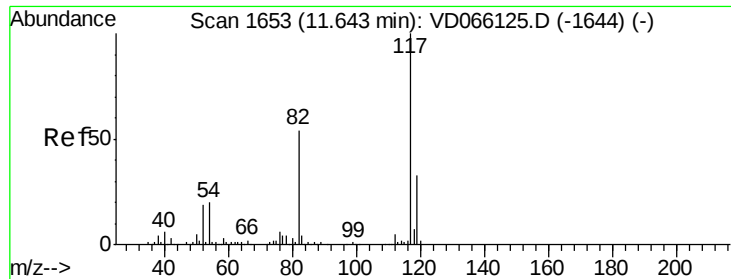
174 91.6 0.0 180.8

176 88.2 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066125.D (-1813) (-)

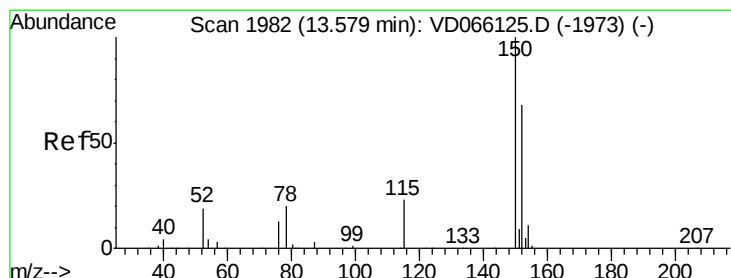
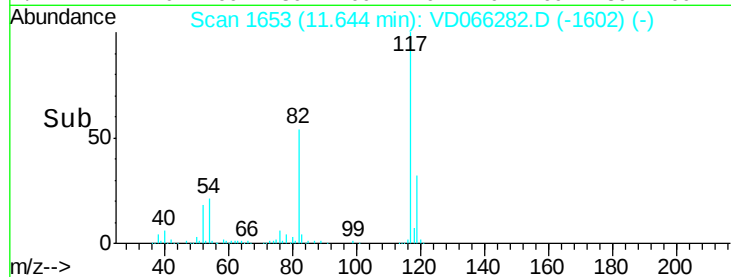
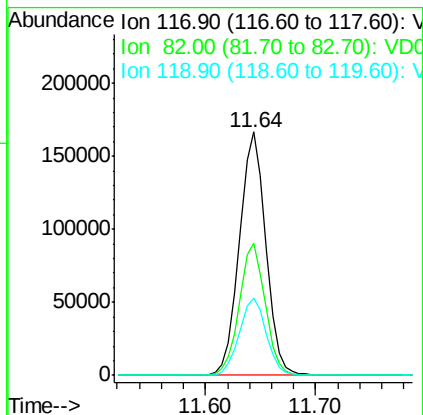
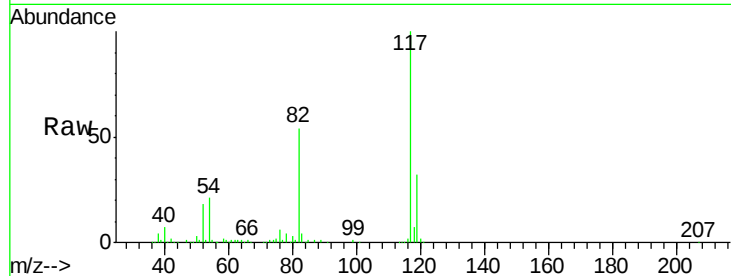




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066282.D
Acq: 18 Aug 2020 17:09

Instrument :
MSVOA_D
ClientSampleId :
TT-025-IDWSO-20200814

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.0	64.4
119	31.9	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: VD066282.D
Acq: 18 Aug 2020 17:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.0	83.9
150	153.4	0.0	346.4

