

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066137.D
 Acq On : 06 Aug 2020 16:26
 Operator : VA/SY
 Sample : L3568-01
 Misc : 8.80G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 8/5-A-E

Quant Time: Aug 07 01:57:39 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	275711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	456487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	506769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279705	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	118668	48.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.48%	
35) Dibromofluoromethane	7.91	113	142176	49.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.34%	
50) Toluene-d8	10.34	98	559140	52.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.64	95	246173	64.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	128.00%	

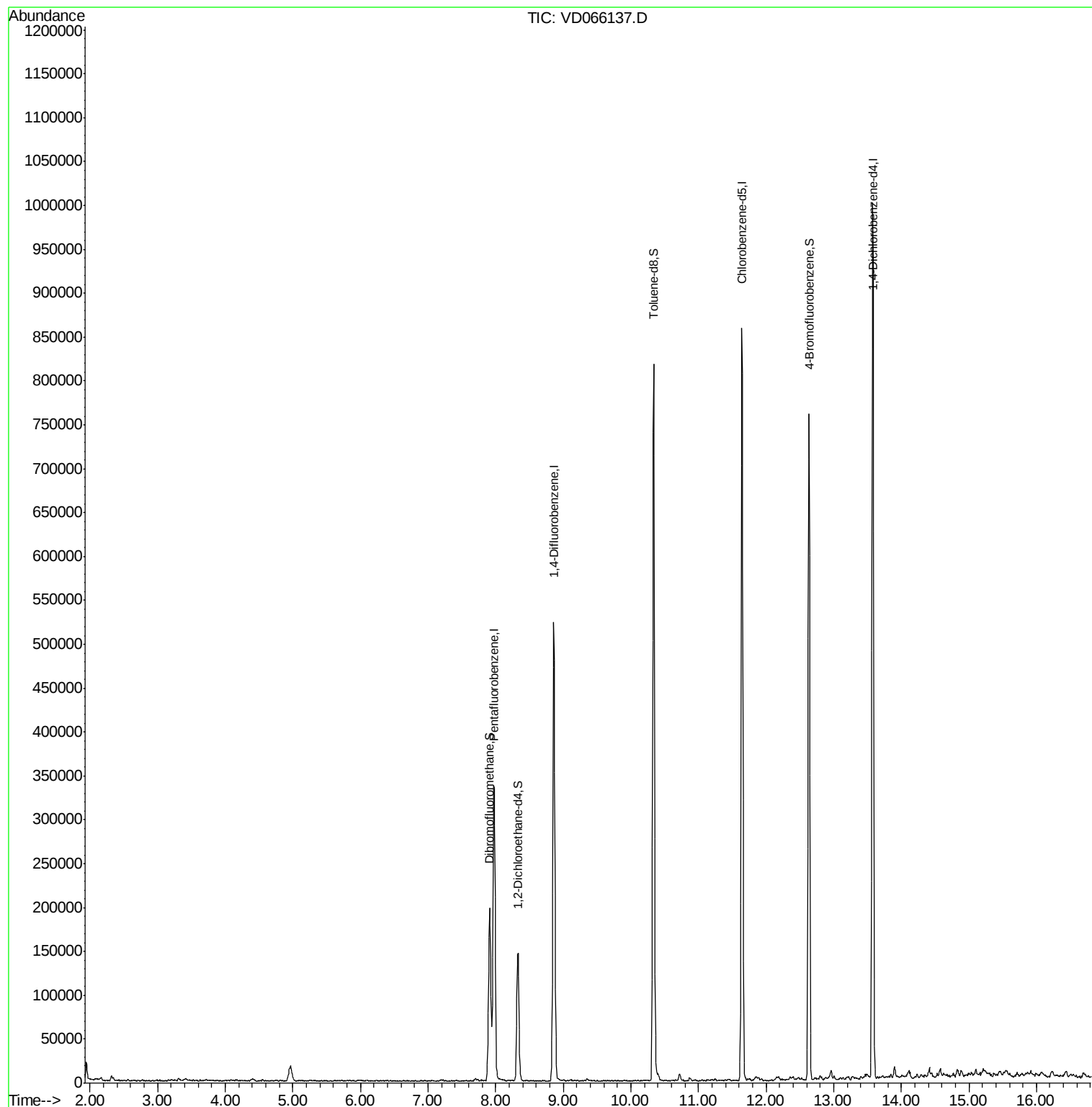
Target Compounds	Qvalue
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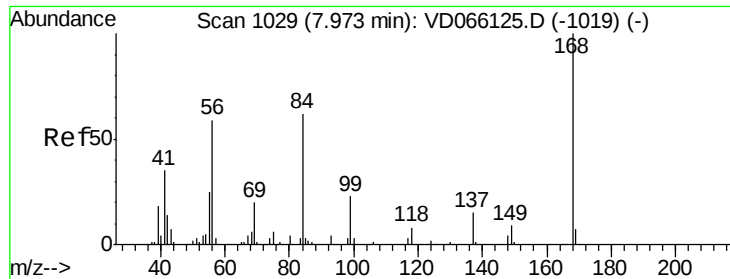
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 05 13:49:25 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066137.D

Acq: 06 Aug 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

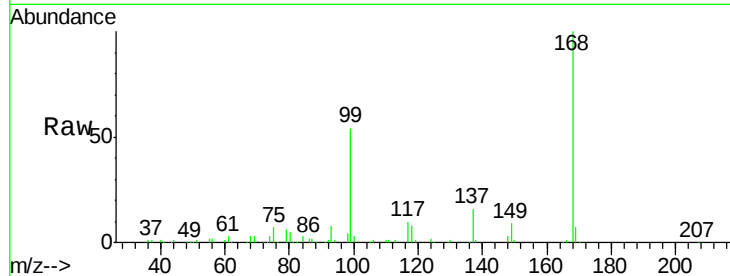
8/5-A-E

Tot Ion:168 Resp: 275711

Ion Ratio Lower Upper

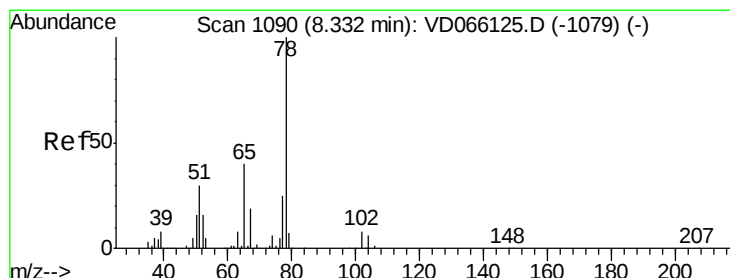
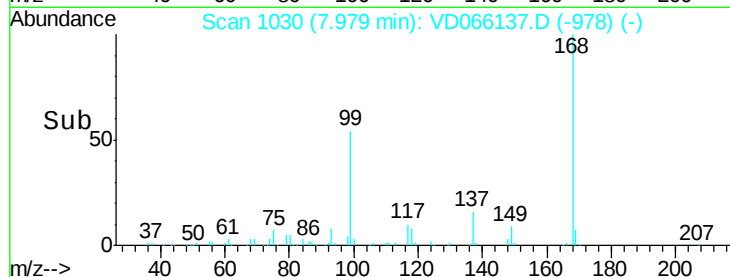
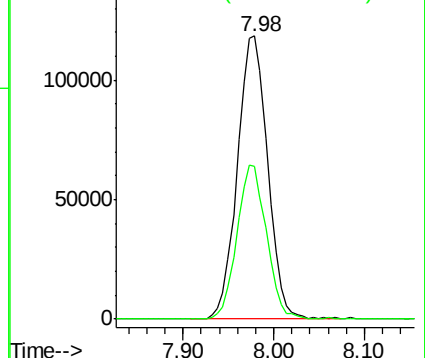
168 100

99 53.9 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: 48.244 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066137.D

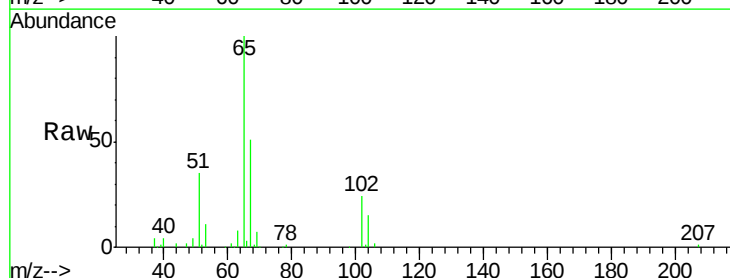
Acq: 06 Aug 2020 16:26

Tgt Ion: 65 Resp: 118668

Ion Ratio Lower Upper

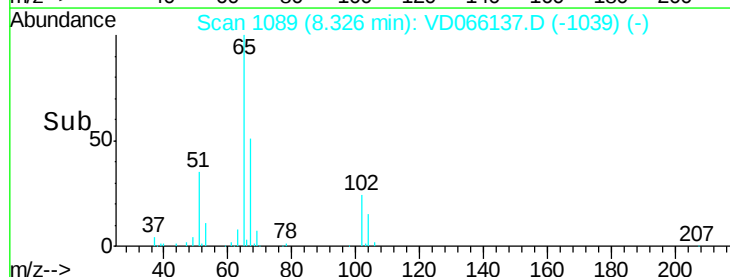
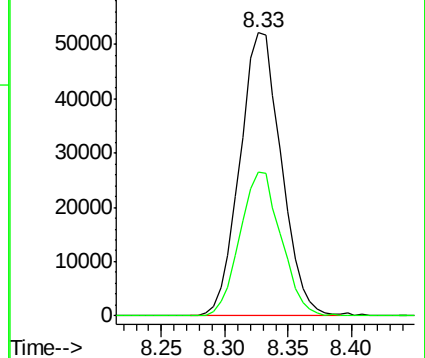
65 100

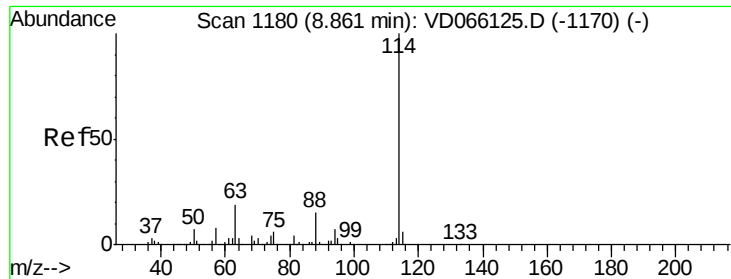
67 50.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

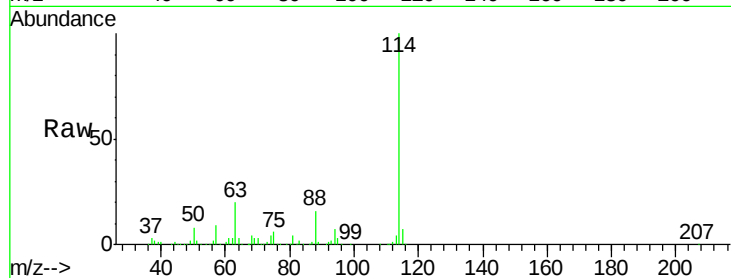




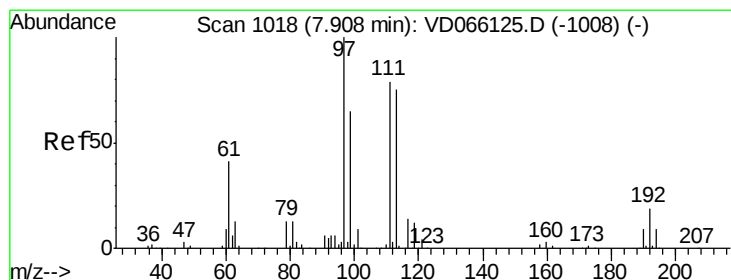
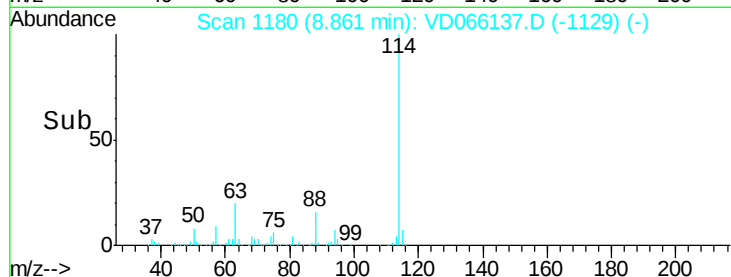
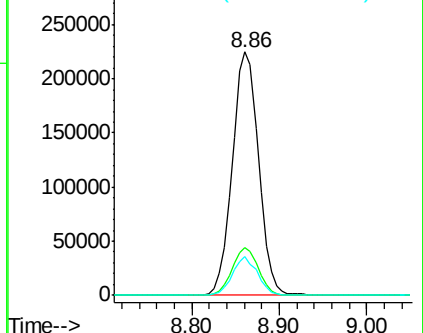
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066137.D
 Acq: 06 Aug 2020 16:26

Instrument :
 MSVOA_D
 ClientSampleId :
 8/5-A-E

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.6
88	15.7	0.0	30.0

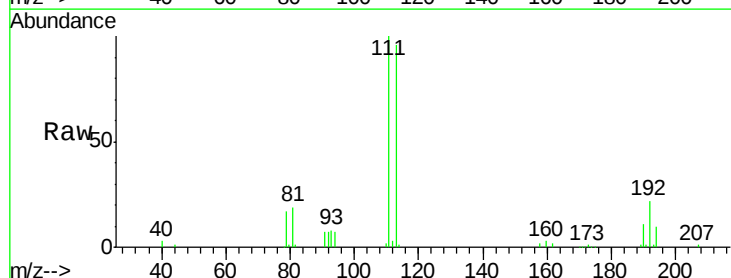


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

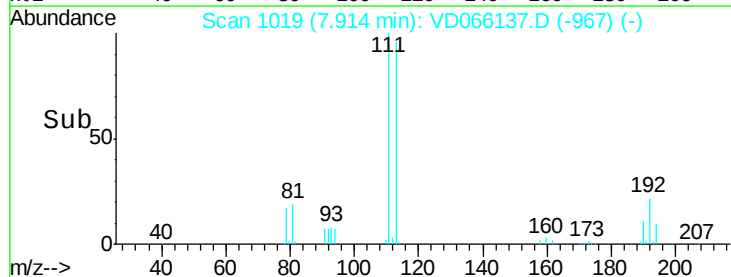
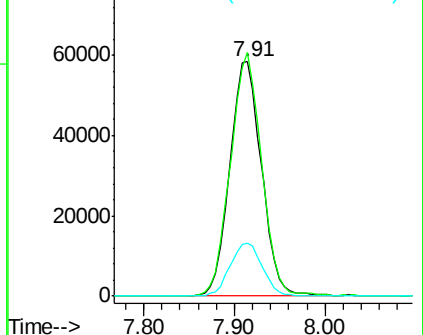


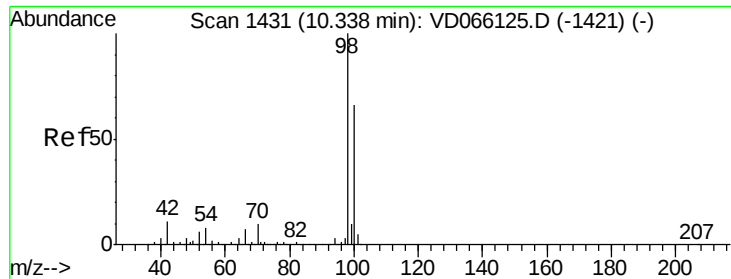
#35
 Dibromofluoromethane
 Concen: 49.165 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066137.D
 Acq: 06 Aug 2020 16:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.7	121.1
192	23.0	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: 52.396 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066137.D

Acq: 06 Aug 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

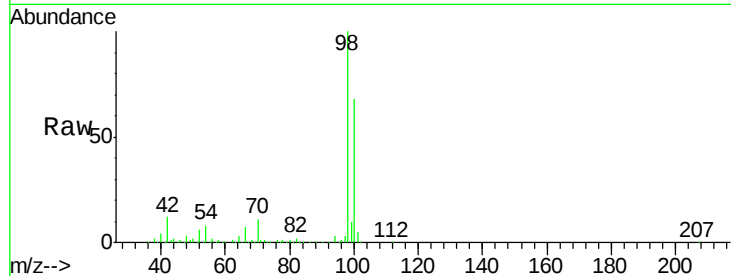
8/5-A-E

Tot Ion: 98 Resp: 559140

Ion Ratio Lower Upper

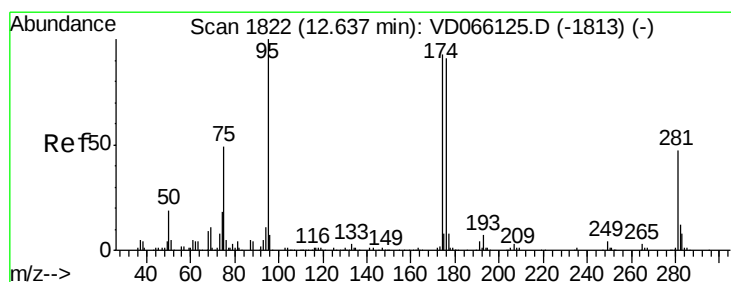
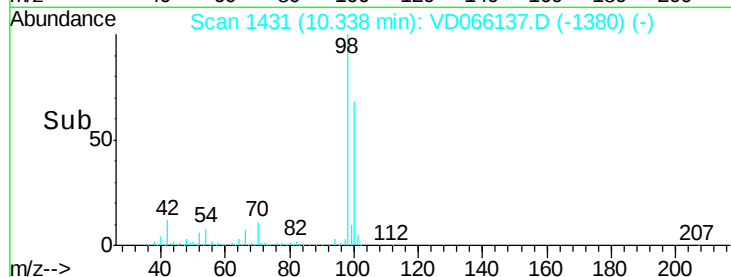
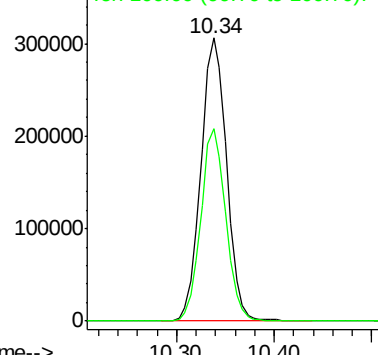
98 100

100 66.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 63.997 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD066137.D

Acq: 06 Aug 2020 16:26

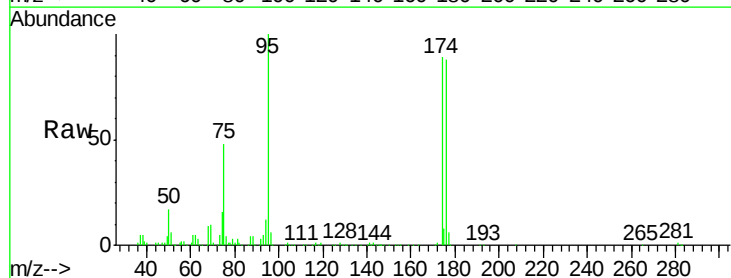
Tgt Ion: 95 Resp: 246173

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.8

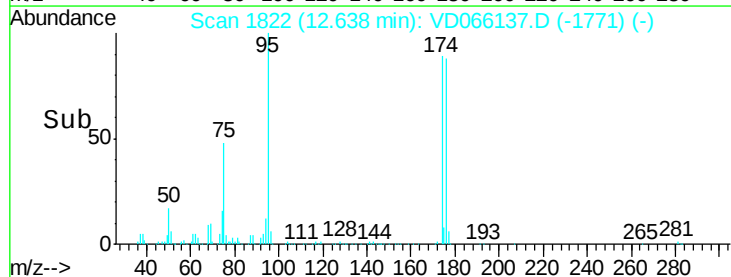
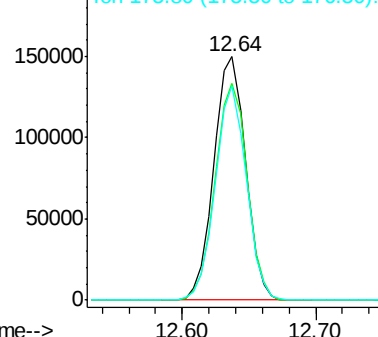
176 85.9 0.0 181.2

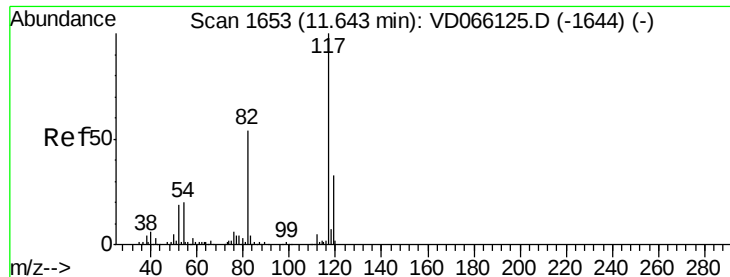


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

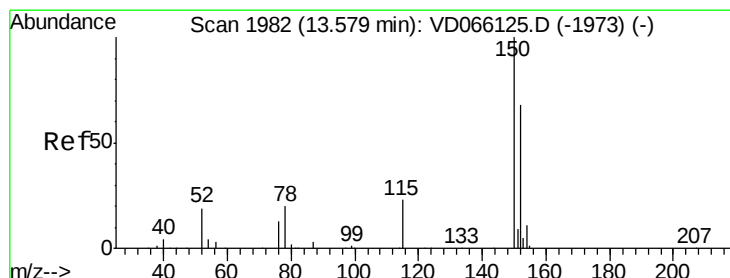
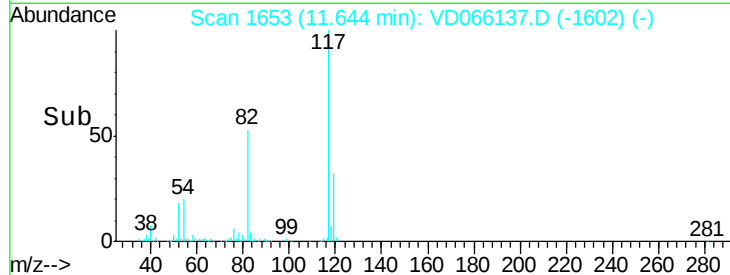
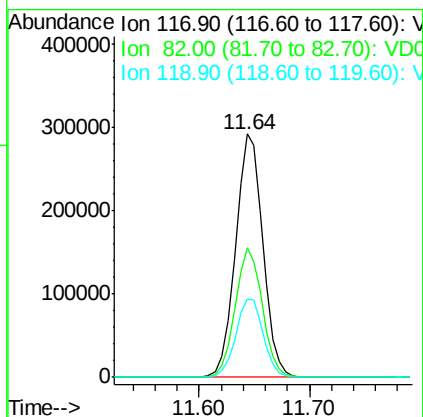
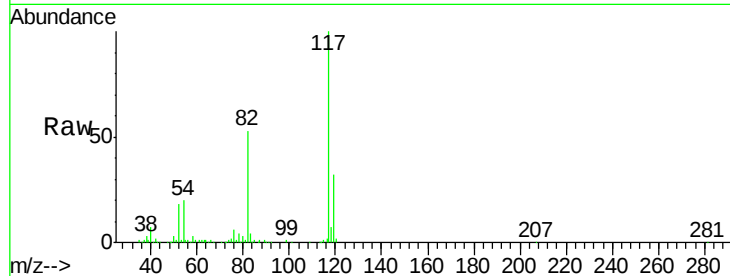




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066137.D
Acq: 06 Aug 2020 16:26

Instrument :
MSVOA_D
ClientSampleId :
8/5-A-E

Tot Ion:117 Resp: 506769
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.3 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: VD066137.D
Acq: 06 Aug 2020 16:26

Tgt Ion:152 Resp: 279705
Ion Ratio Lower Upper
152 100
115 56.2 28.0 83.9
150 157.0 0.0 346.4

