

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066224.D
 Acq On : 13 Aug 2020 21:37
 Operator : VA/SY
 Sample : L3662-01
 Misc : 5.80G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VB16182

Quant Time: Aug 14 04:23:45 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	268025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	434944	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	506484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	250530	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	119481	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	7.91	113	133940	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	10.34	98	532009	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.63	95	242581	66.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.38%	

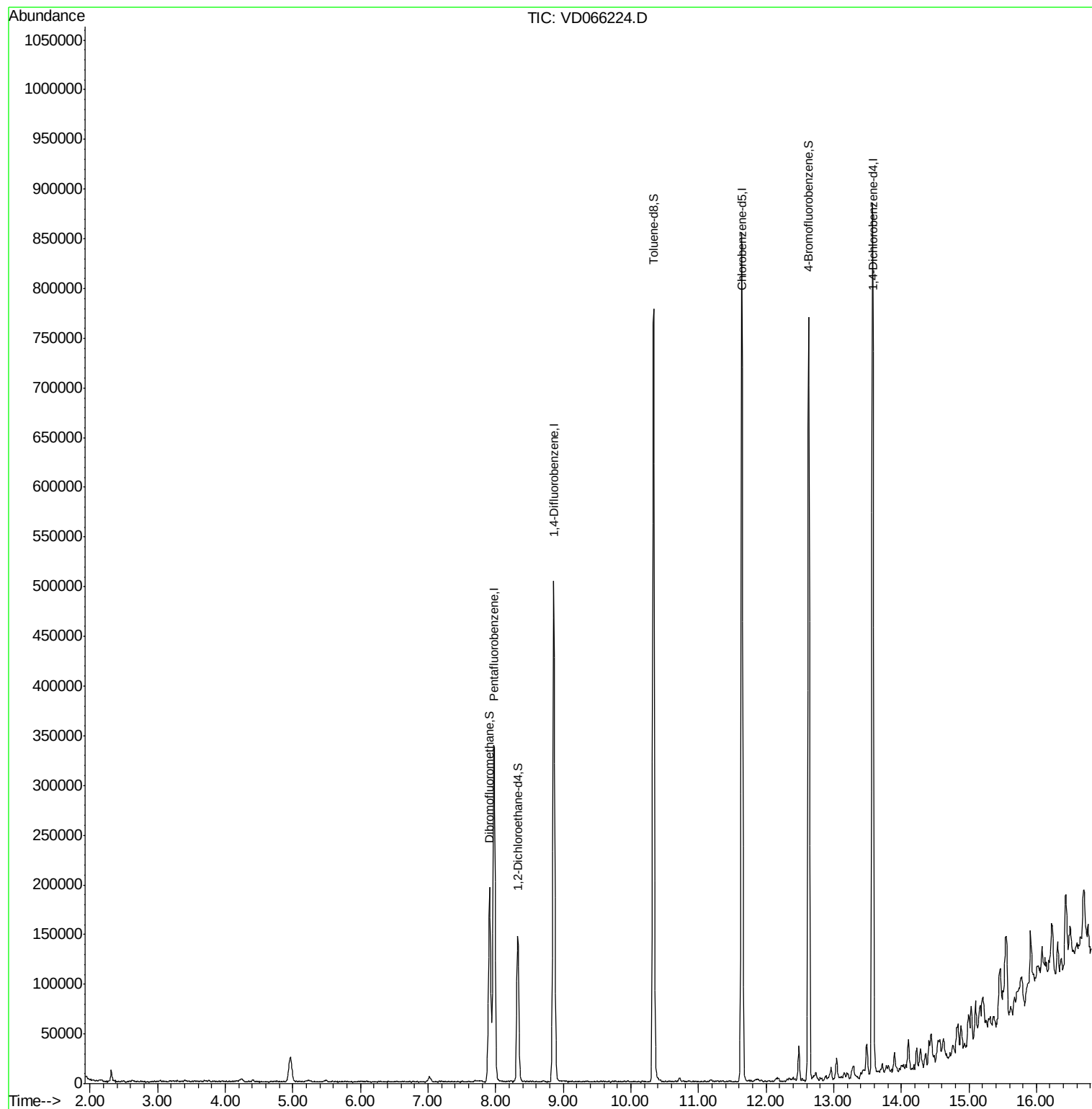
Target Compounds	Qvalue

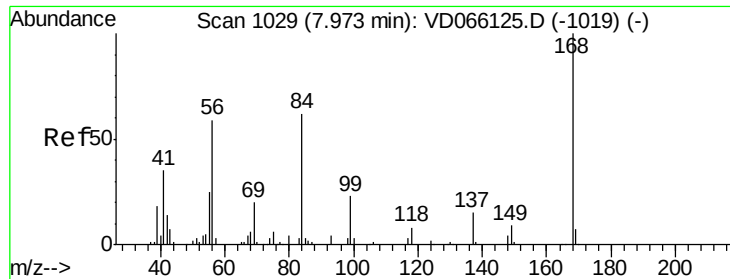
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066224.D

Acq: 13 Aug 2020 21:37

Instrument :

MSVOA_D

ClientSampleId :

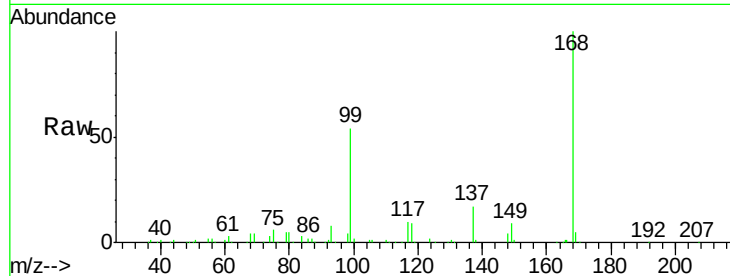
VB16182

Tot Ion:168 Resp: 268025

Ion Ratio Lower Upper

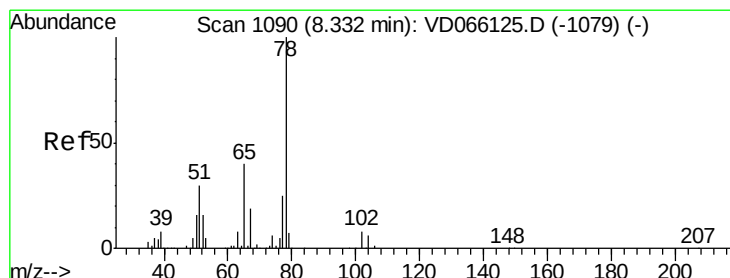
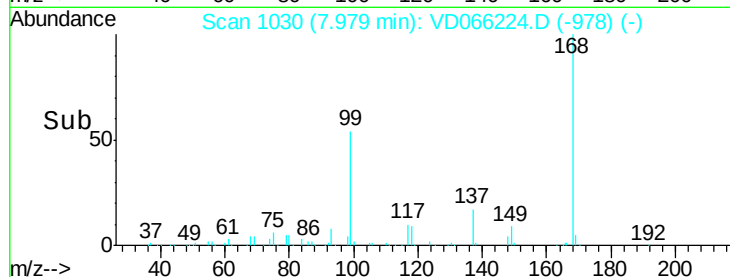
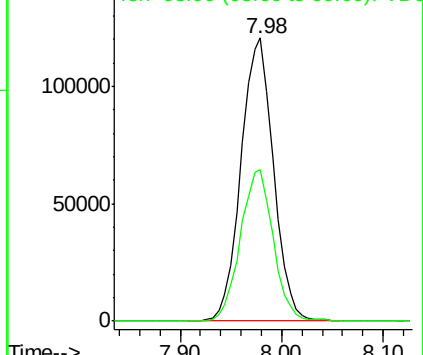
168 100

99 53.6 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: 49.967 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066224.D

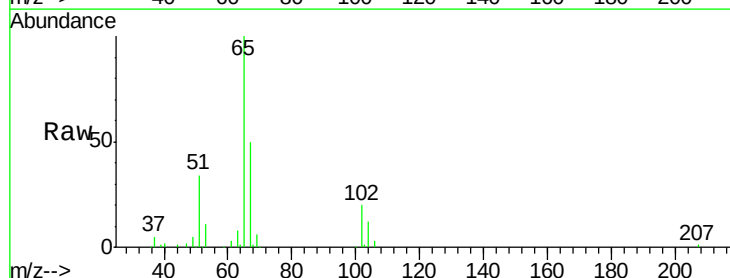
Acq: 13 Aug 2020 21:37

Tgt Ion: 65 Resp: 119481

Ion Ratio Lower Upper

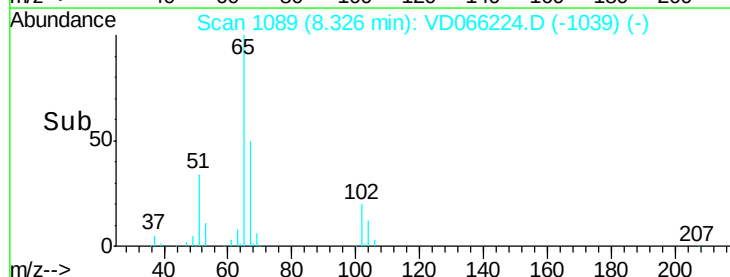
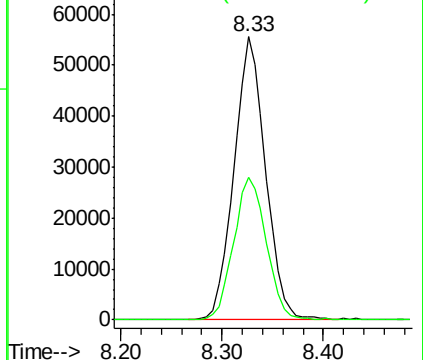
65 100

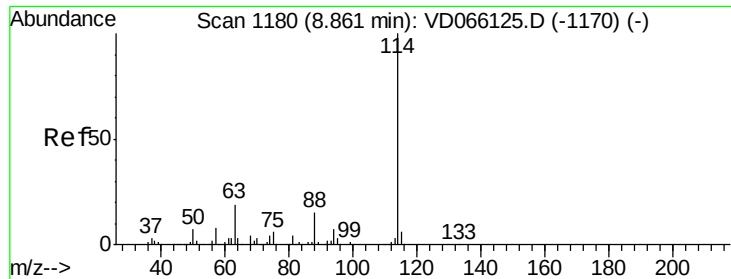
67 52.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

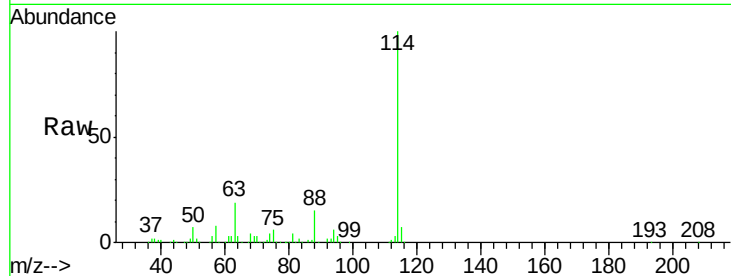




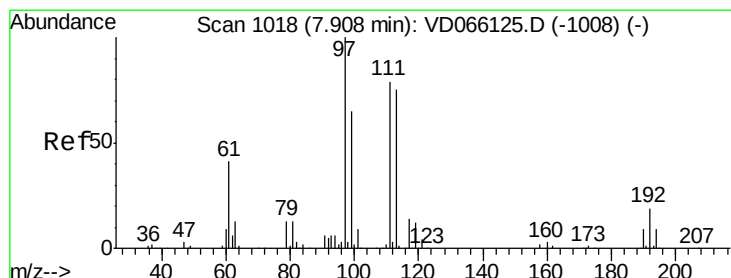
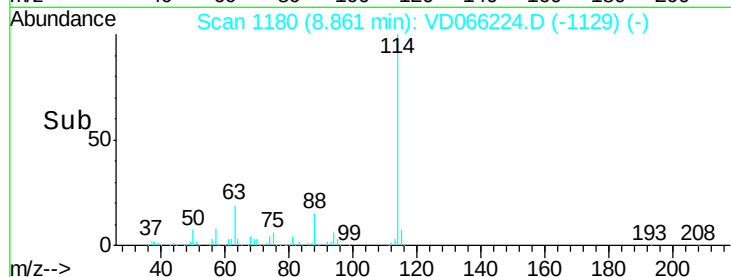
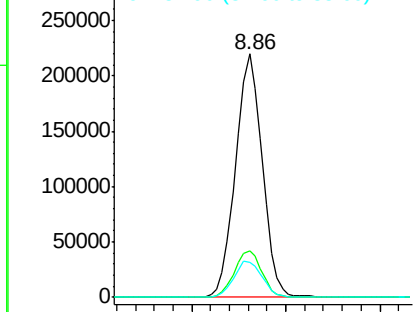
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066224.D
 Acq: 13 Aug 2020 21:37

Instrument :
 MSVOA_D
 ClientSampled :
 VB16182

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	14.6	0.0	30.0

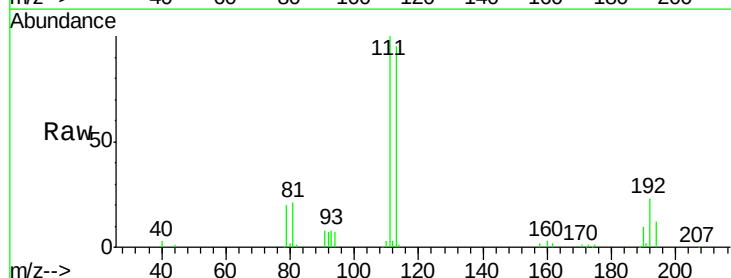


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

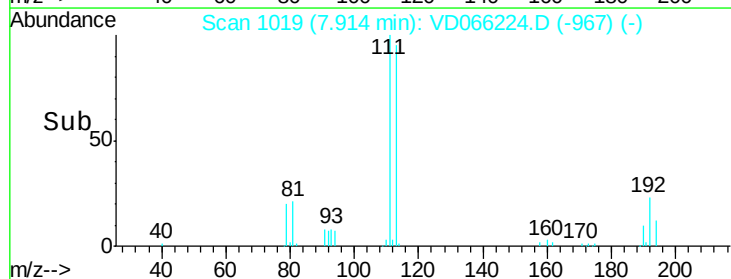
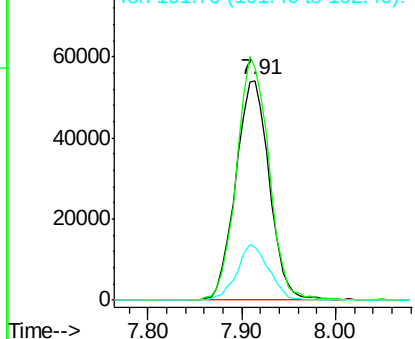


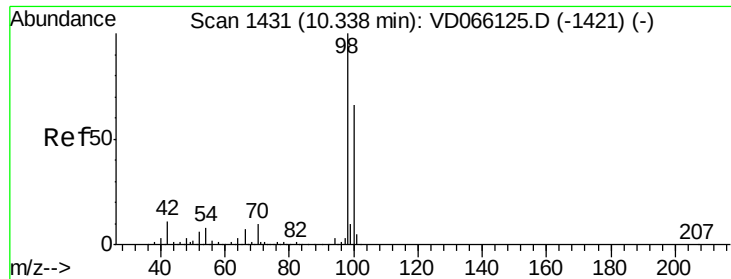
#35
 Dibromofluoromethane
 Concen: 48.611 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066224.D
 Acq: 13 Aug 2020 21:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	107.2	80.7	121.1
192	23.9	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

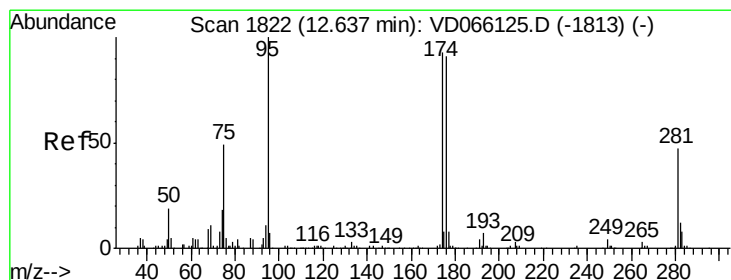
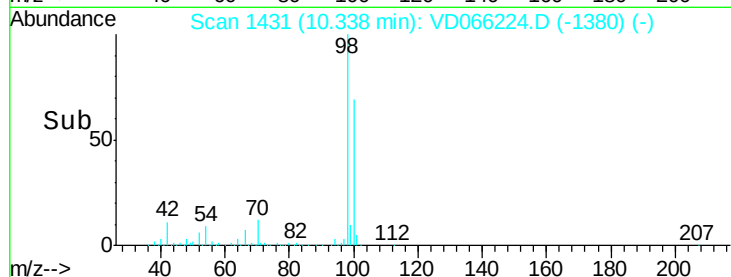
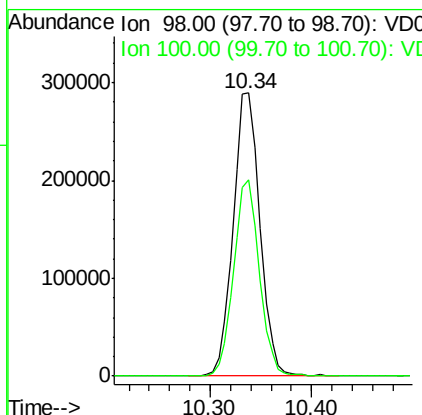
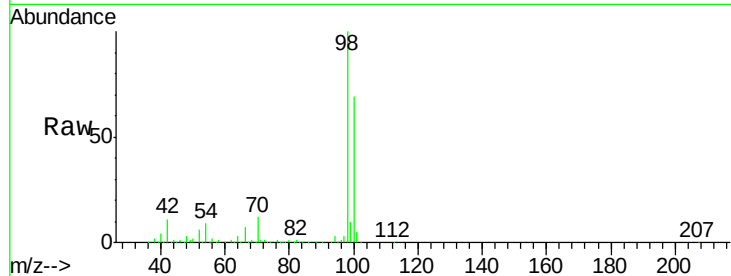




#50
Toluene-d8
Concen: 52.323 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066224.D
Acq: 13 Aug 2020 21:37

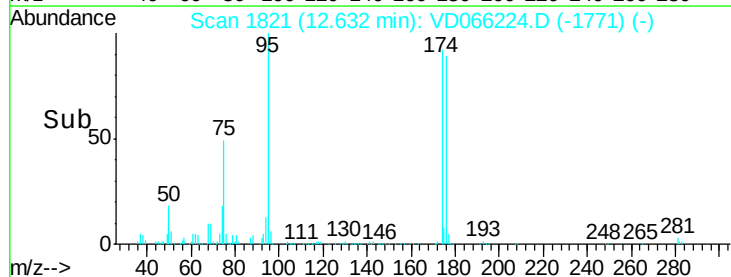
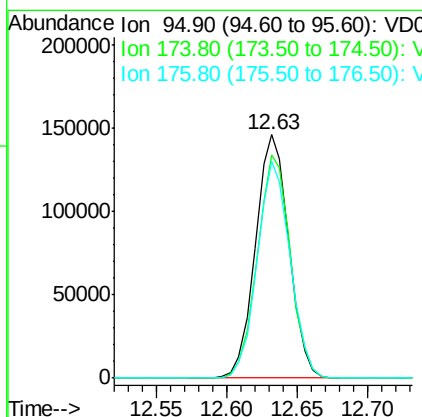
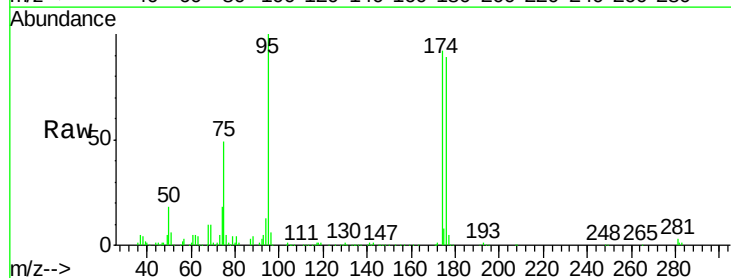
Instrument :
MSVOA_D
ClientSampleId :
VB16182

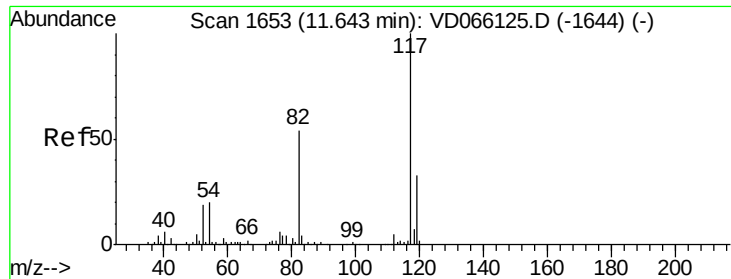
Tot Ion: 98 Resp: 532009
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 66.187 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066224.D
Acq: 13 Aug 2020 21:37

Tgt Ion: 95 Resp: 242581
Ion Ratio Lower Upper
95 100
174 90.6 0.0 180.8
176 87.8 0.0 181.2

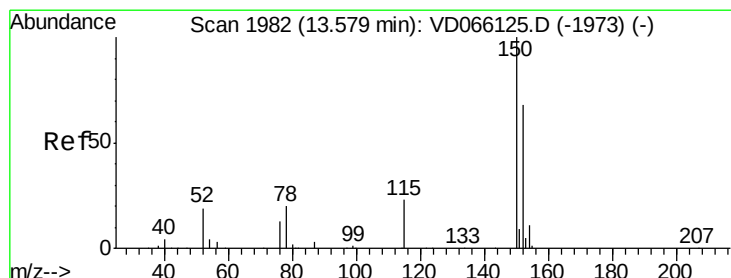
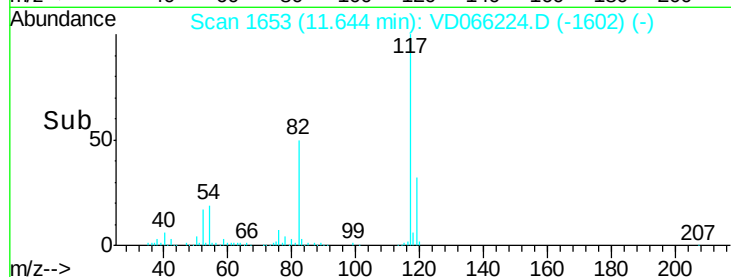
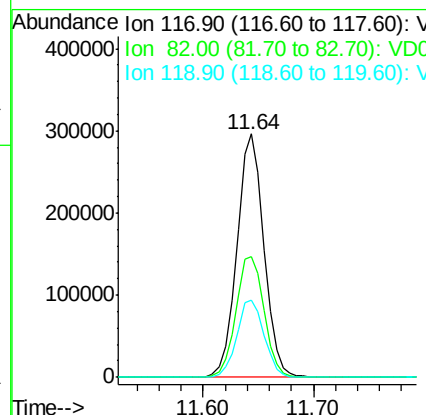
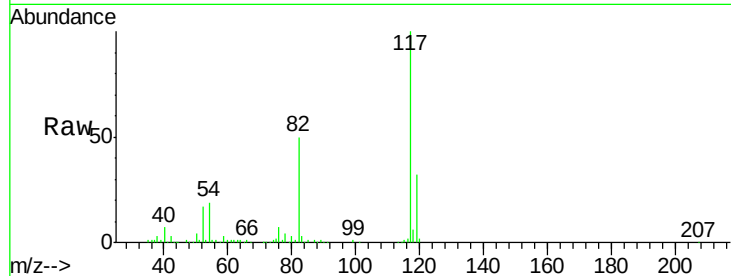




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066224.D
Acq: 13 Aug 2020 21:37

Instrument :
MSVOA_D
ClientSampleId :
VB16182

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	43.0	64.4
119	31.6	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: VD066224.D
Acq: 13 Aug 2020 21:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.0	83.9
150	156.8	0.0	346.4

