

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066155.D
 Acq On : 07 Aug 2020 14:02
 Operator : VA/SY
 Sample : L3574-02
 Misc : 6.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-060-A

Quant Time: Aug 10 08:43:24 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	280037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	496074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	562269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	303830	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	131784	52.75	ug/l	0.00
Spiked Amount						
			Recovery	=	105.50%	
35) Dibromofluoromethane	7.91	113	156960	49.95	ug/l	0.00
Spiked Amount						
			Recovery	=	99.90%	
50) Toluene-d8	10.34	98	608268	52.45	ug/l	0.00
Spiked Amount						
			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.64	95	270686	64.75	ug/l	0.00
Spiked Amount						
			Recovery	=	129.50%	

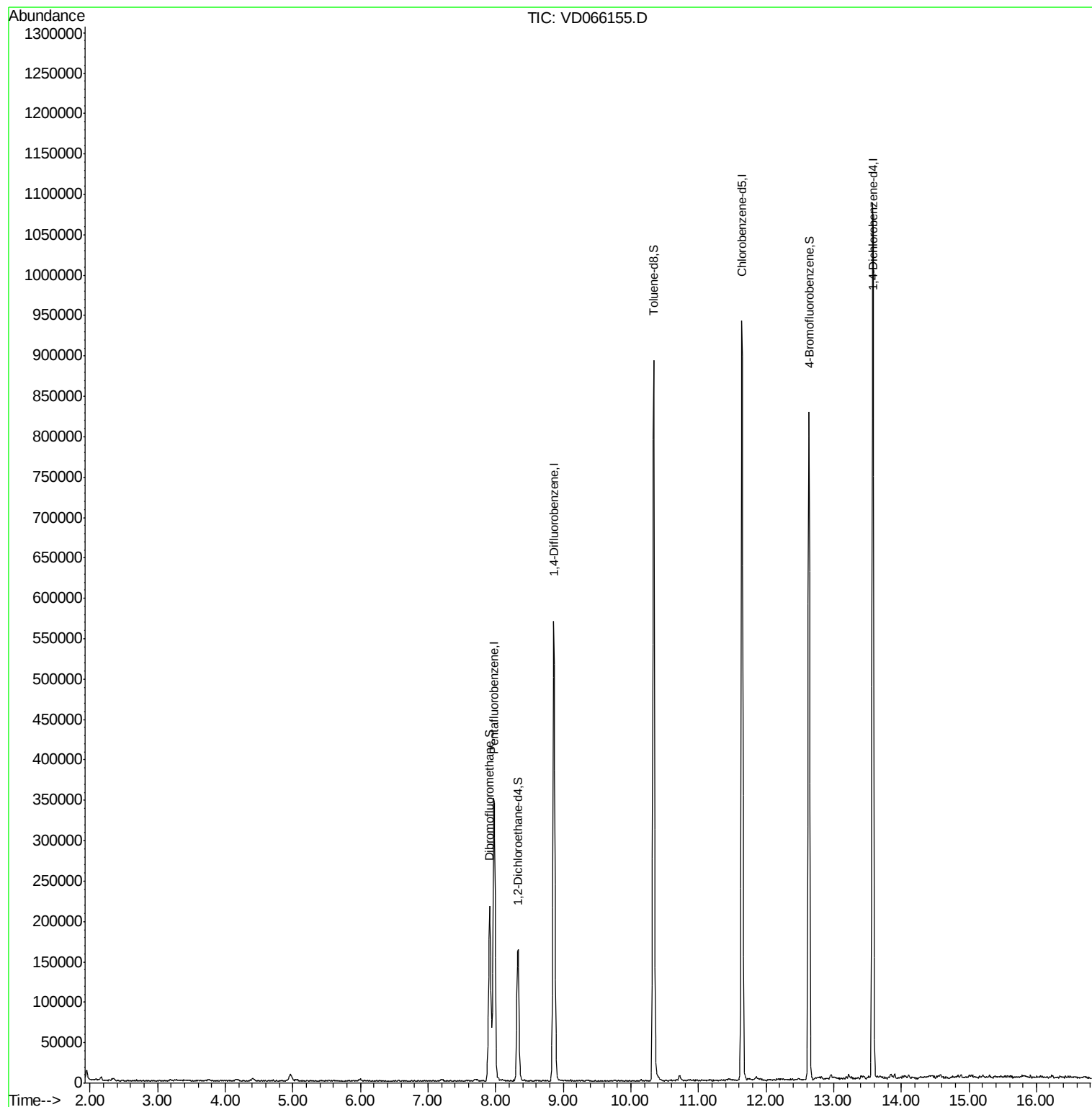
Target Compounds	Qvalue
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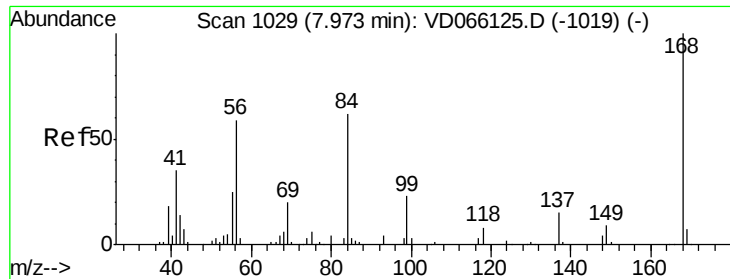
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066155.D

Acq: 07 Aug 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

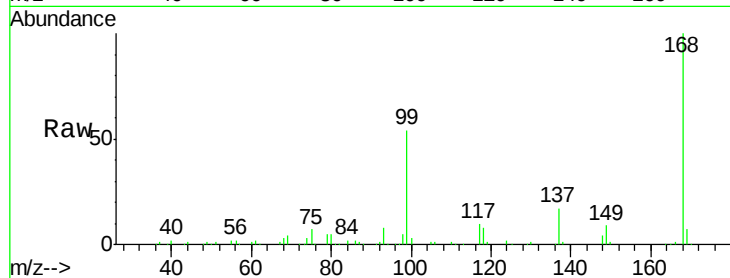
FK-GF-02-060-A

Tot Ion:168 Resp: 280037

Ion Ratio Lower Upper

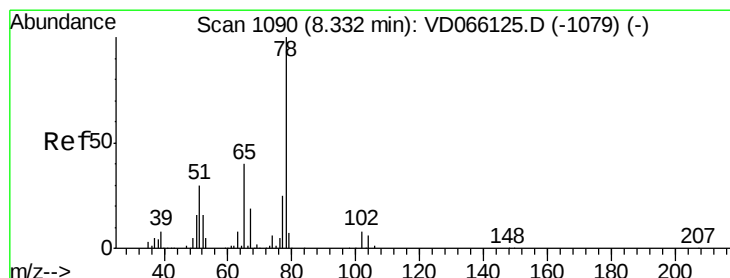
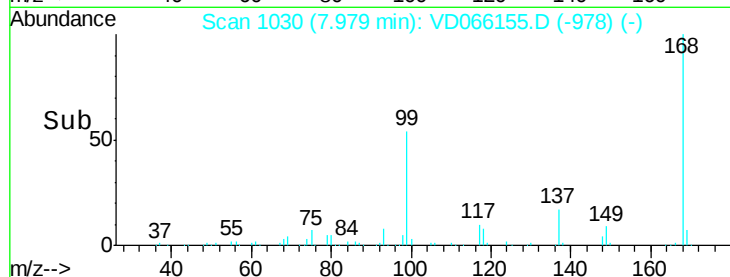
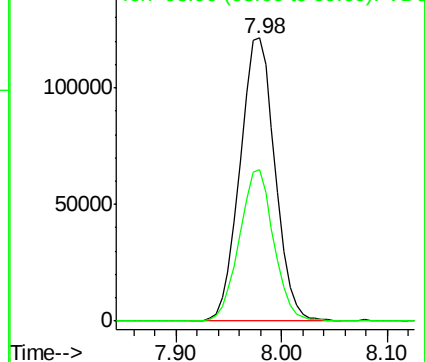
168 100

99 53.7 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: 52.748 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066155.D

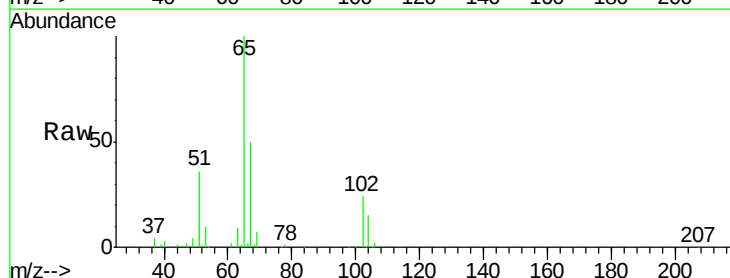
Acq: 07 Aug 2020 14:02

Tgt Ion: 65 Resp: 131784

Ion Ratio Lower Upper

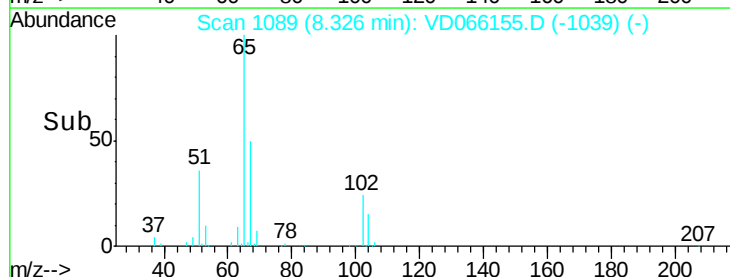
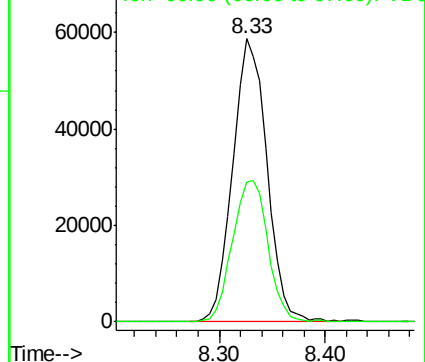
65 100

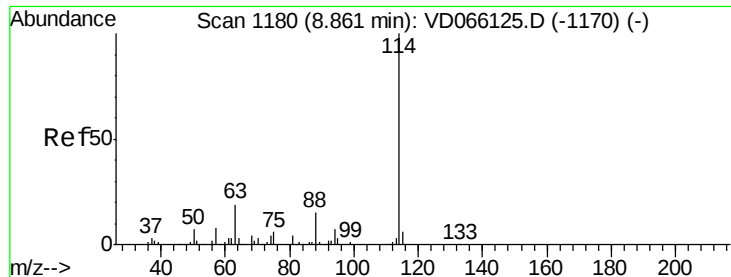
67 51.7 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

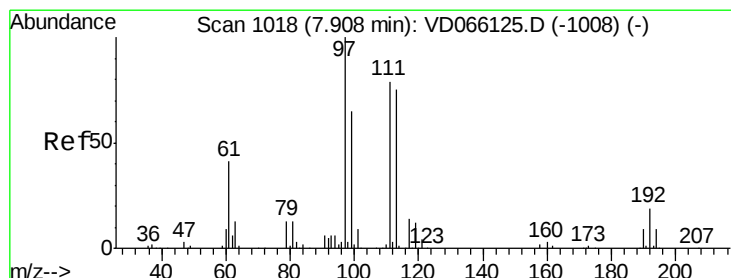
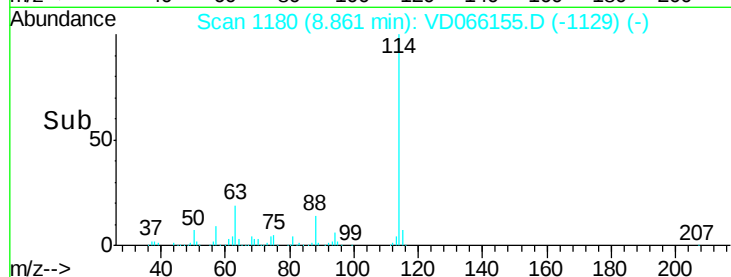
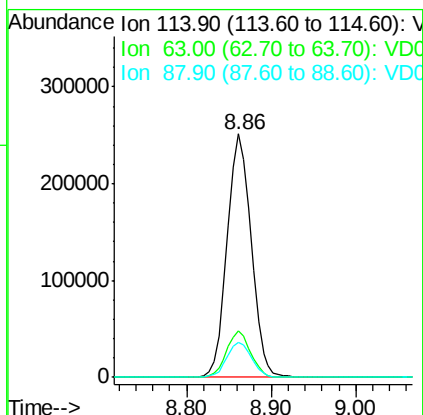
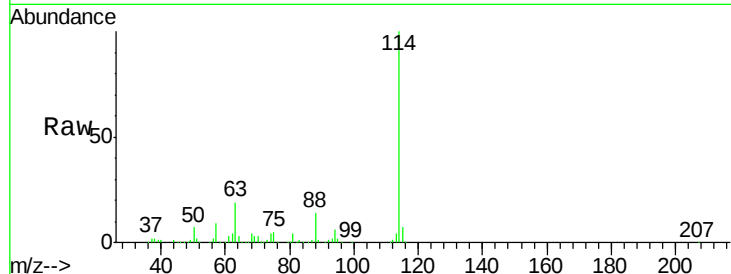




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066155.D
 Acq: 07 Aug 2020 14:02

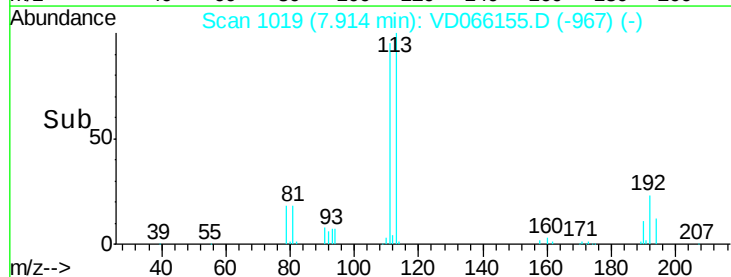
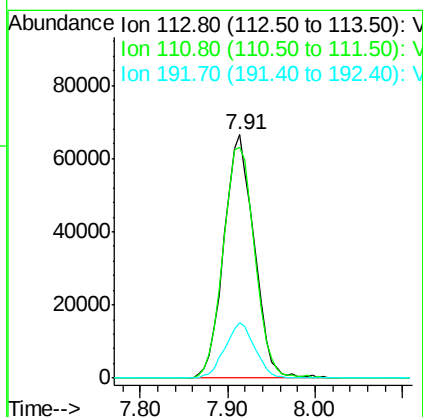
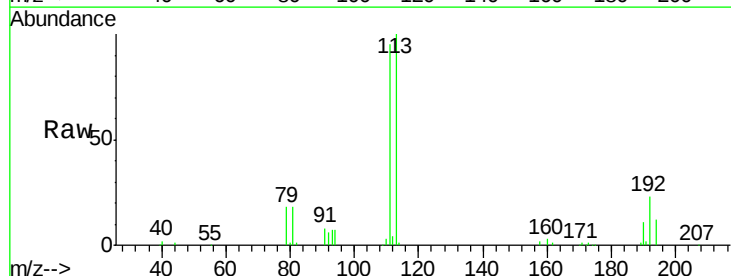
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 FK-GF-02-060-A

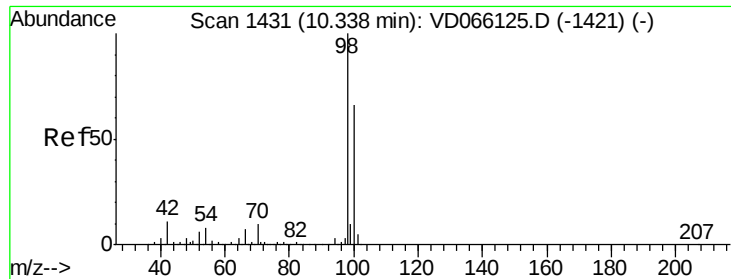
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.6
88	14.4	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 49.946 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066155.D
 Acq: 07 Aug 2020 14:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.1	80.7	121.1
192	22.5	18.4	27.6

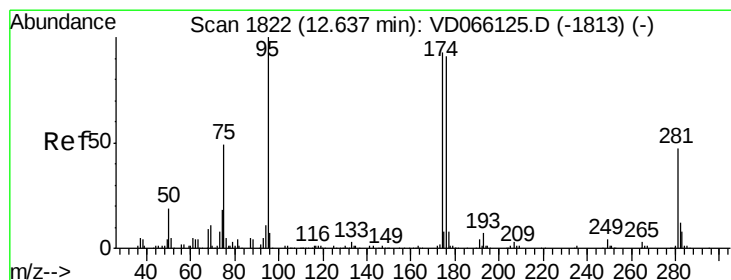
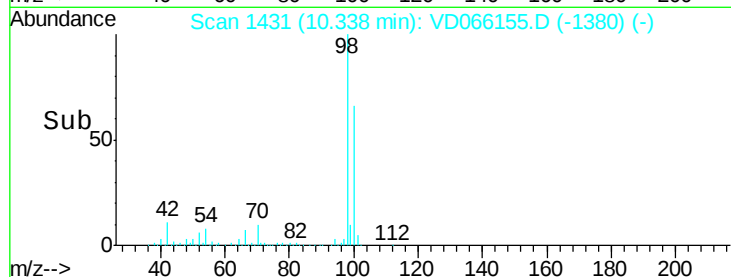
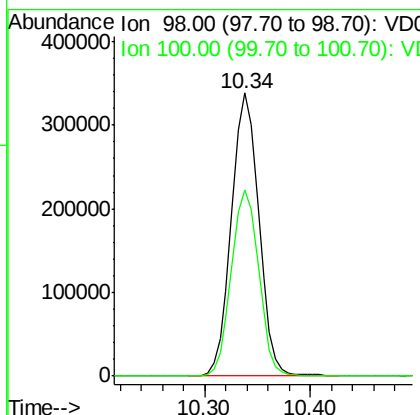
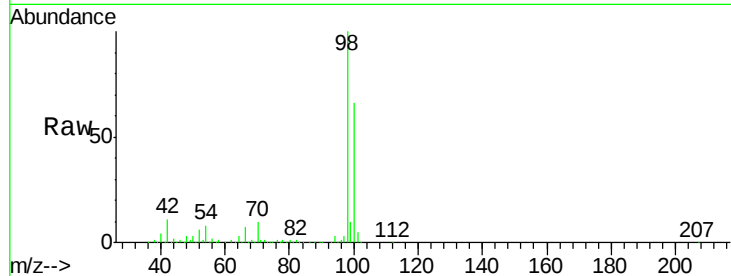




#50
Toluene-d8
Concen: 52.451 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066155.D
Acq: 07 Aug 2020 14:02

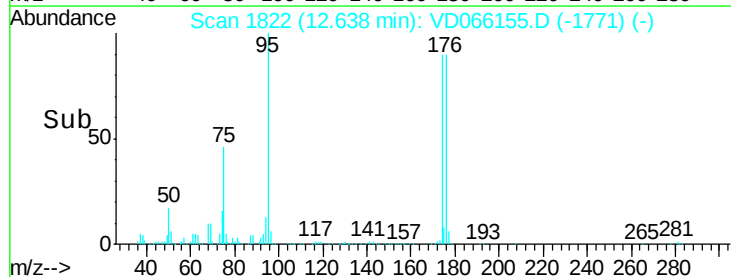
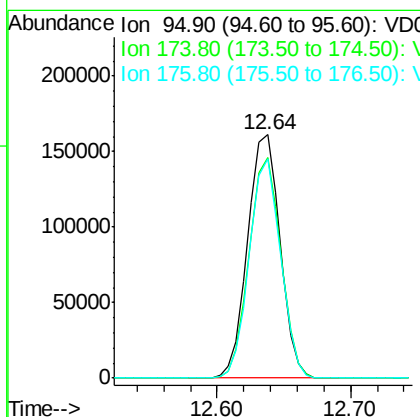
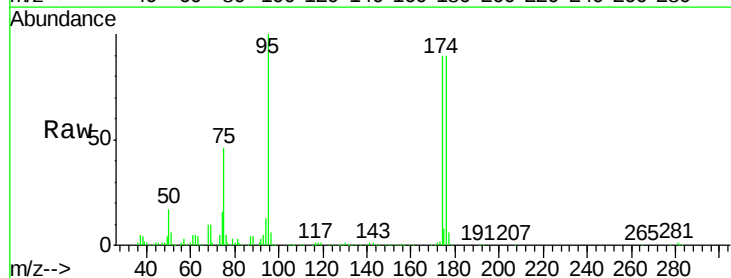
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-060-A

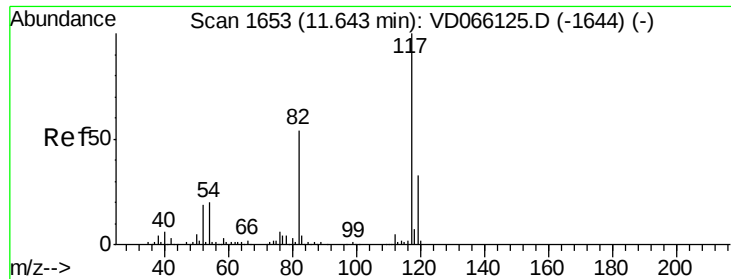
Tot Ion: 98 Resp: 608268
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 64.754 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066155.D
Acq: 07 Aug 2020 14:02

Tgt Ion: 95 Resp: 270686
Ion Ratio Lower Upper
95 100
174 88.6 0.0 180.8
176 86.7 0.0 181.2

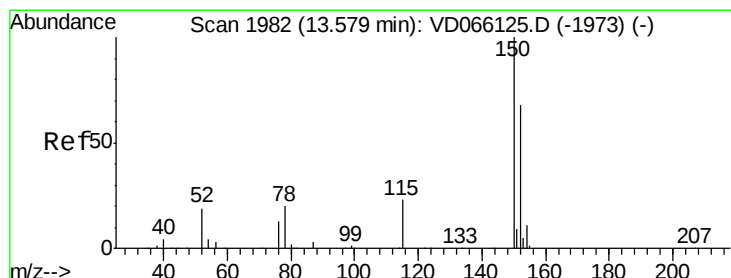
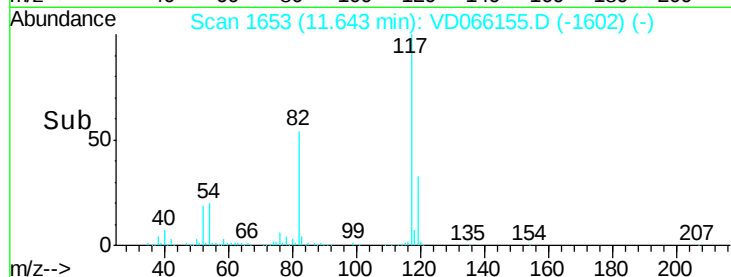
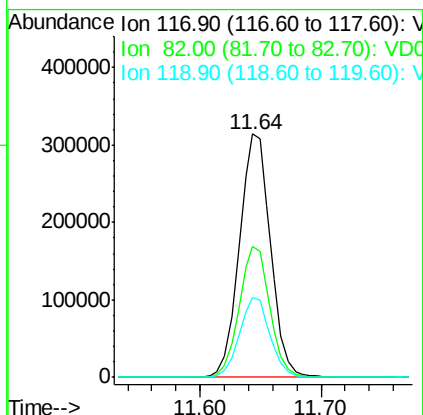
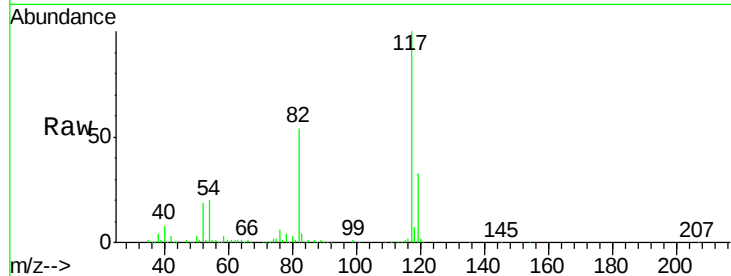




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066155.D
Acq: 07 Aug 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-060-A

Tot Ion:117 Resp: 562269
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.5 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: VD066155.D
Acq: 07 Aug 2020 14:02

Tgt Ion:152 Resp: 303830
Ion Ratio Lower Upper
152 100
115 56.5 28.0 83.9
150 155.1 0.0 346.4

