

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066924.D
 Acq On : 28 Sep 2020 20:13
 Operator : VA/SY
 Sample : L4155-04
 Misc : 5.74G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-061-B

Quant Time: Sep 29 02:17:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	383798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	688129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	717723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	345178	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	210199	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
35) Dibromofluoromethane	7.91	113	225686	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.34	98	842995	56.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.04%	
62) 4-Bromofluorobenzene	12.63	95	307780	60.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.54%	

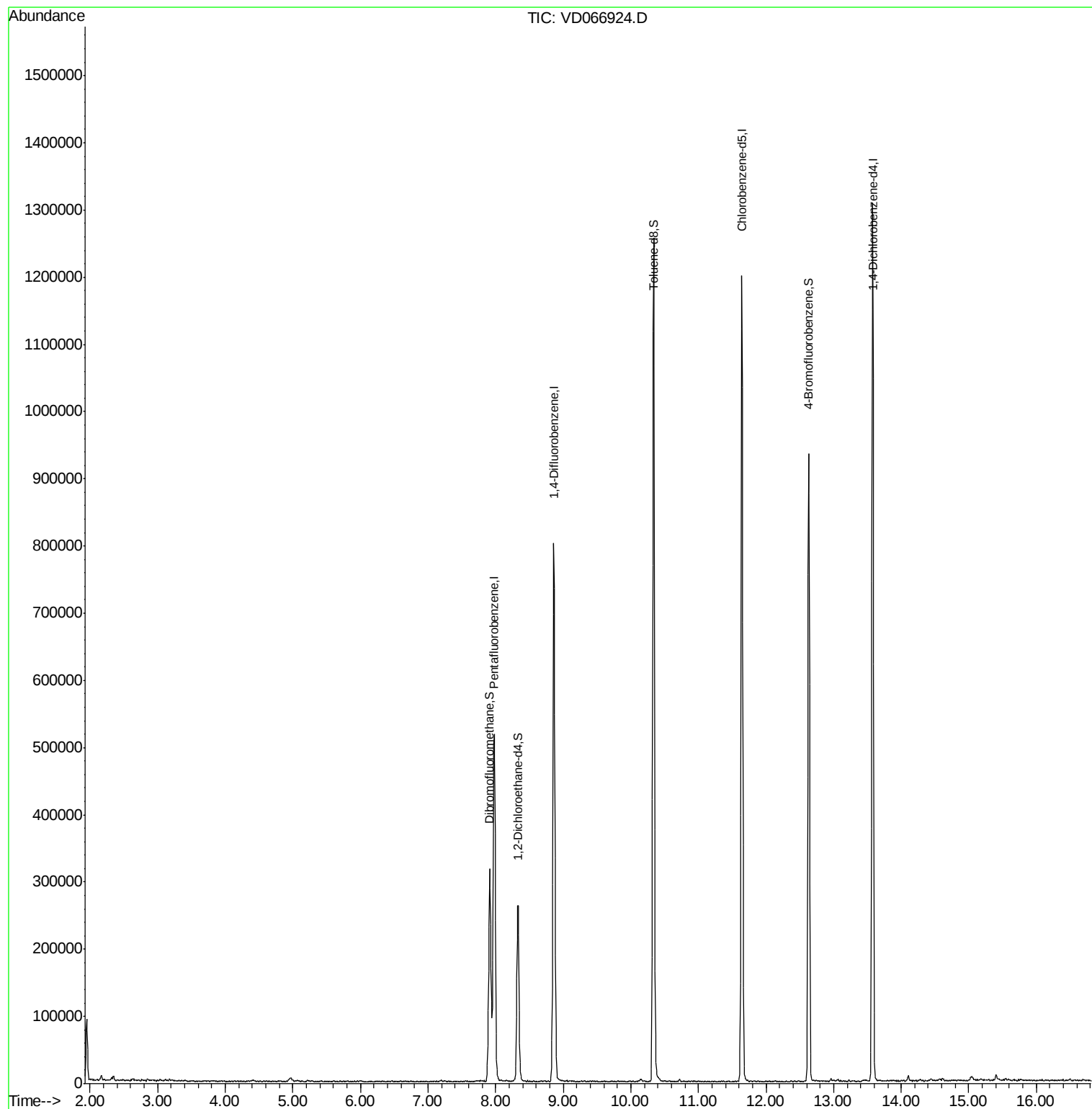
Target Compounds	Qvalue
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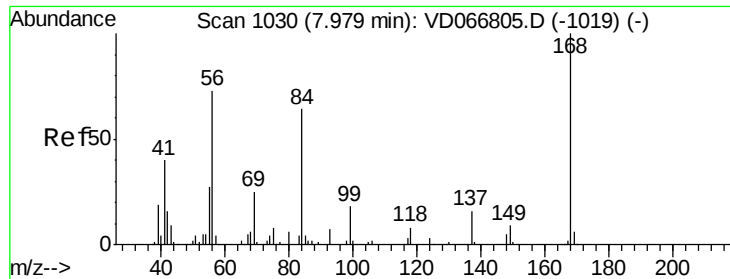
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066924.D

Acq: 28 Sep 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

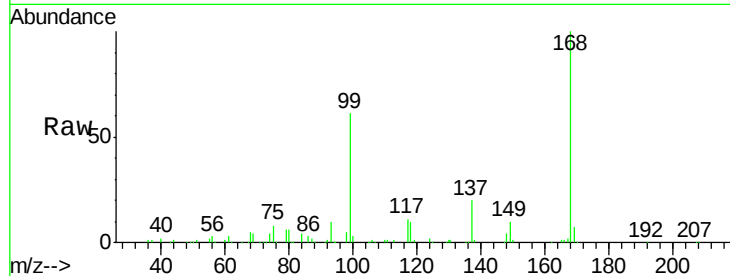
FK-GF-02-061-B

Tot Ion:168 Resp: 383798

Ion Ratio Lower Upper

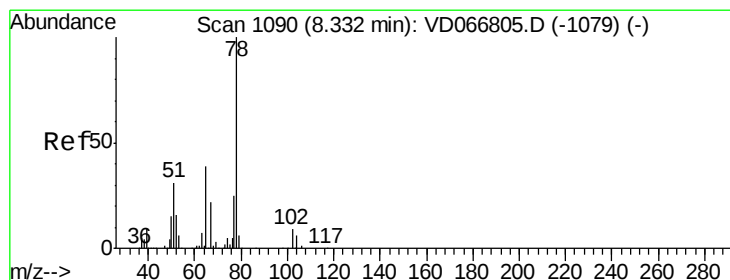
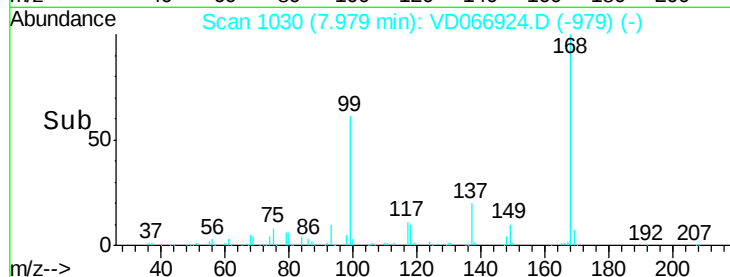
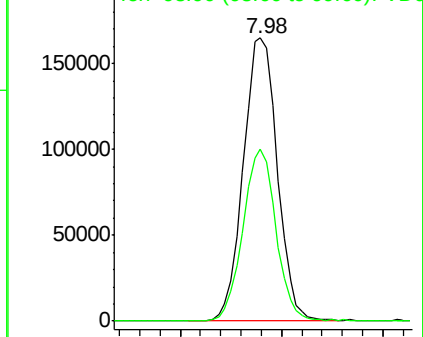
168 100

99 60.8 46.6 69.8



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: 55.957 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066924.D

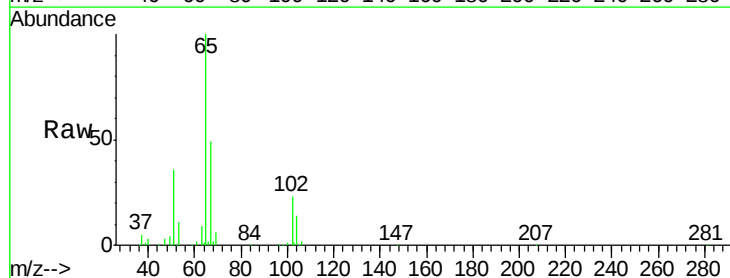
Acq: 28 Sep 2020 20:13

Tgt Ion: 65 Resp: 210199

Ion Ratio Lower Upper

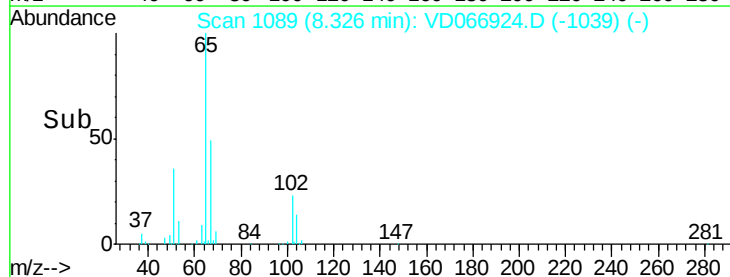
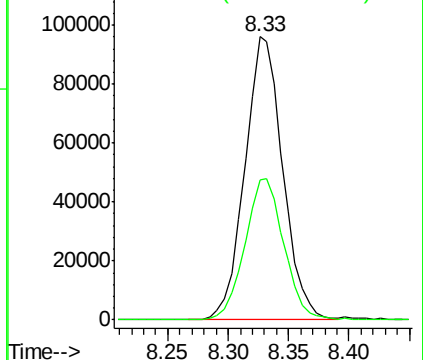
65 100

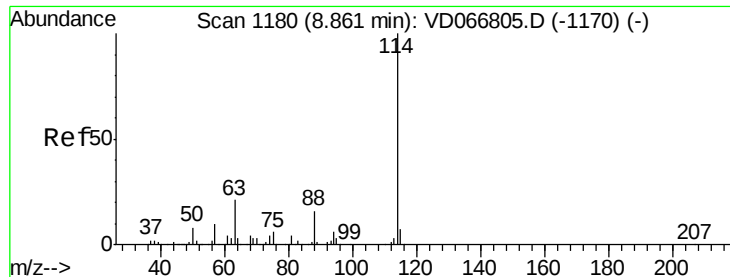
67 51.3 0.0 107.2



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: VD066924.D

Acq: 28 Sep 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-061-B

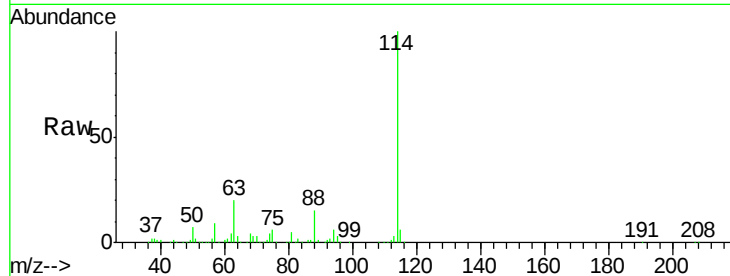
Tot Ion:114 Resp: 688129

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

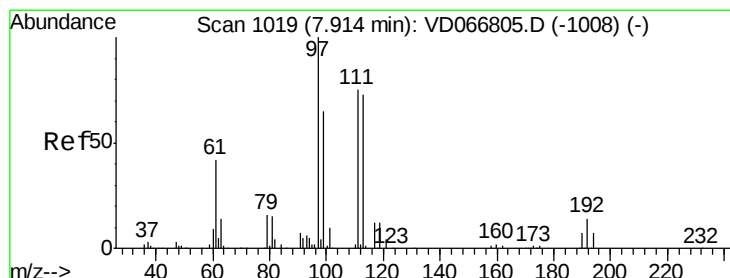
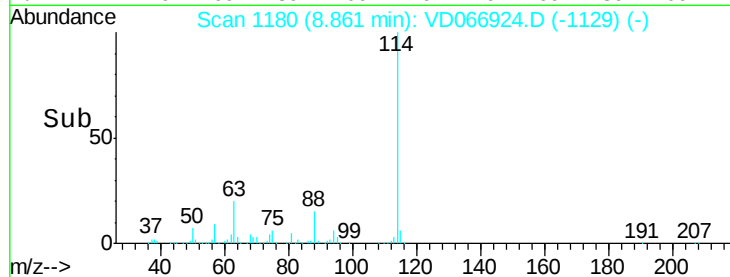
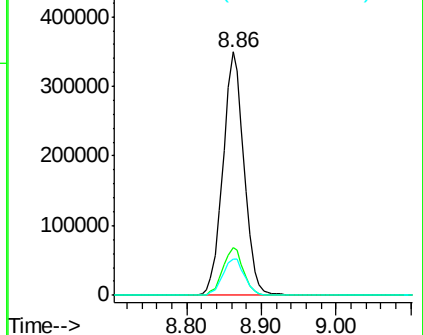
88 14.7 0.0 32.6



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: 51.551 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066924.D

Acq: 28 Sep 2020 20:13

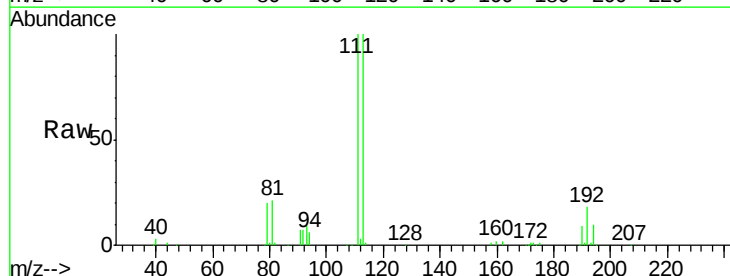
Tgt Ion:113 Resp: 225686

Ion Ratio Lower Upper

113 100

111 100.9 81.8 122.8

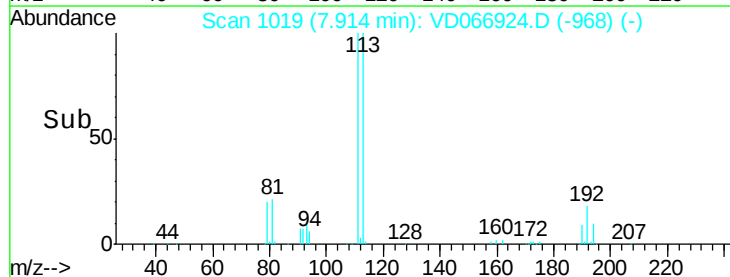
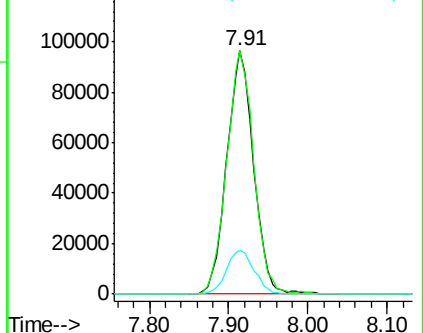
192 18.7 14.4 21.6

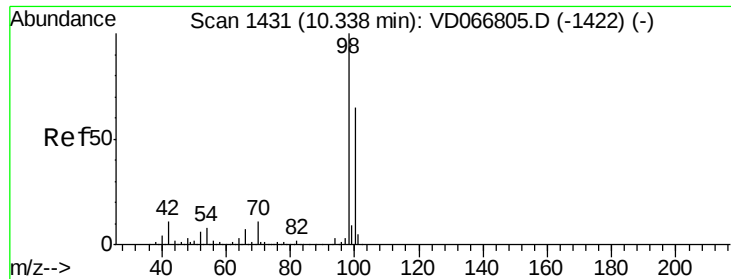


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

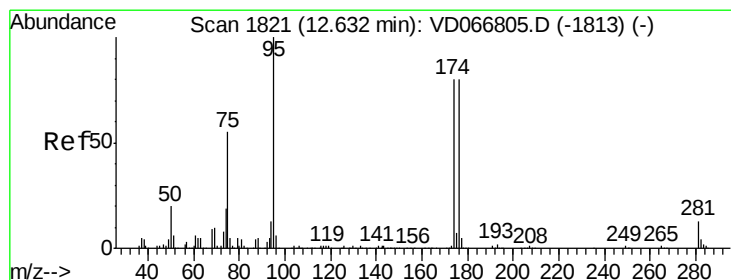
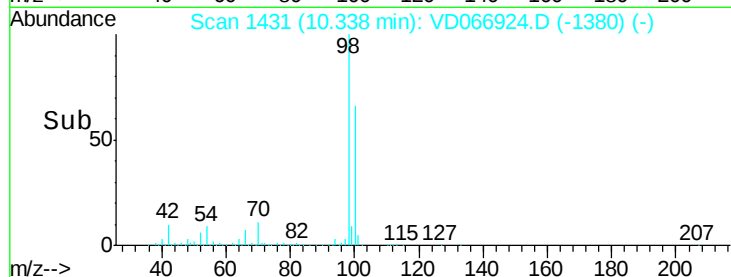
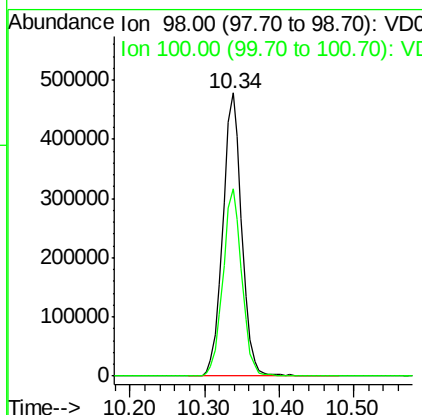
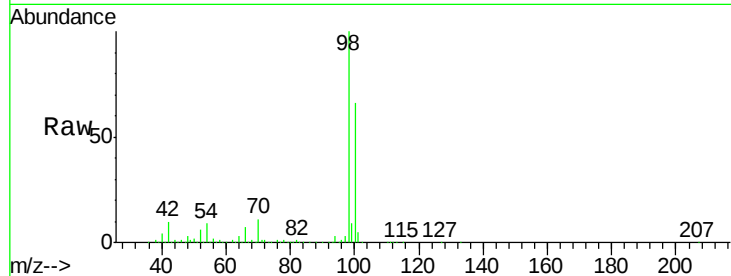




#50
Toluene-d8
Concen: 56.515 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066924.D
Acq: 28 Sep 2020 20:13

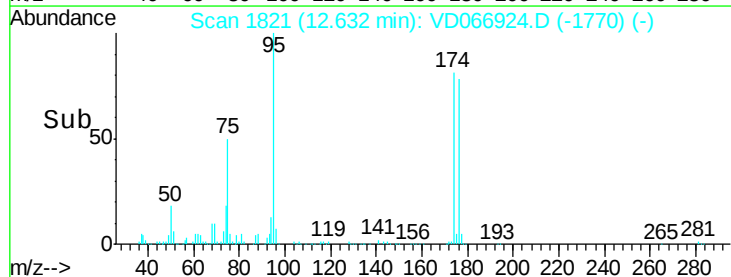
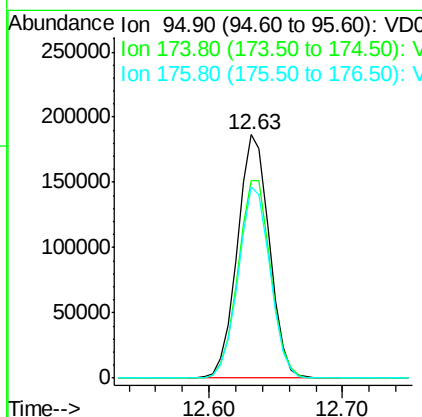
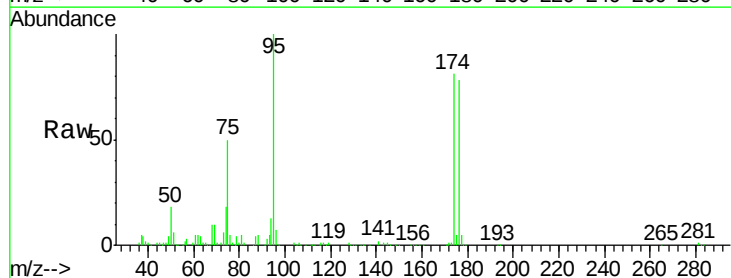
Instrument :
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FK-GF-02-061-B

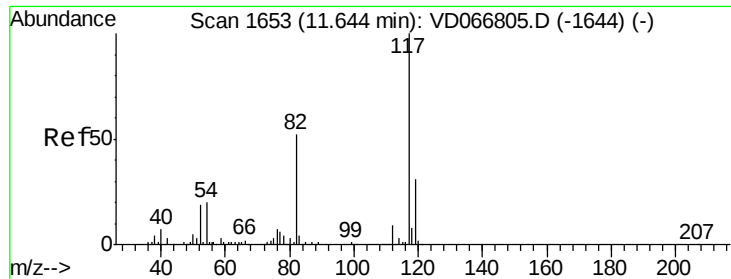
Tot Ion: 98 Resp: 842995
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 60.274 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066924.D
Acq: 28 Sep 2020 20:13

Tgt Ion: 95 Resp: 307780
Ion Ratio Lower Upper
95 100
174 82.9 0.0 159.8
176 78.3 0.0 154.4

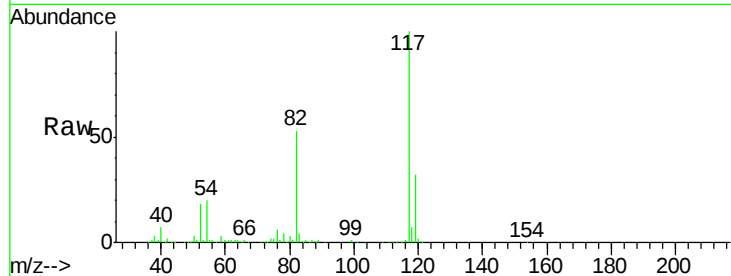




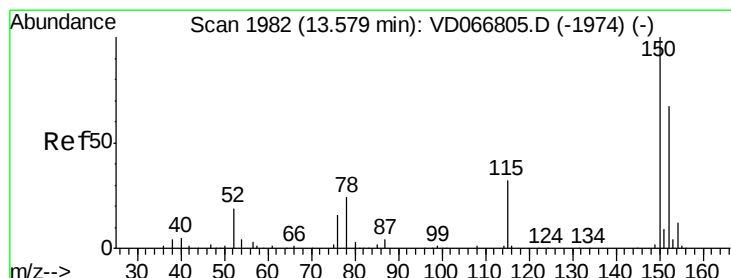
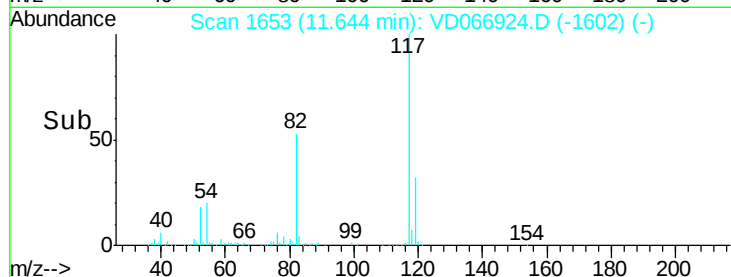
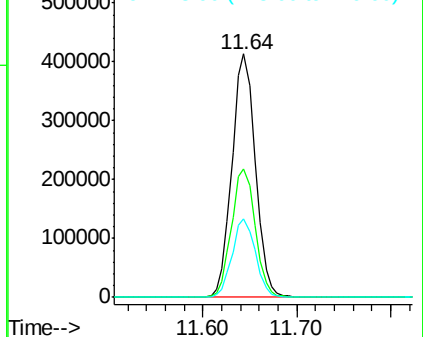
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066924.D
Acq: 28 Sep 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-061-B

Tot Ion:117 Resp: 717723
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.6
119 32.1 24.6 37.0

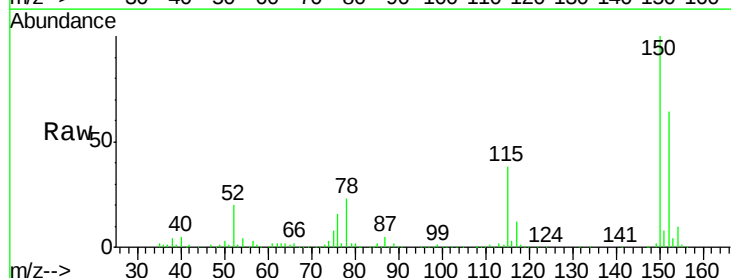


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066924.D
Acq: 28 Sep 2020 20:13

Tgt Ion:152 Resp: 345178
Ion Ratio Lower Upper
152 100
115 58.3 30.3 91.0
150 154.3 0.0 346.2



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

