

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\
 Data File : VD066445.D
 Acq On : 27 Aug 2020 19:06
 Operator : VA/SY
 Sample : L3823-05
 Misc : 6.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP05-1218-01

Quant Time: Aug 28 07:57:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	9885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	13679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	13231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	8398	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	8628	89.03	ug/l	0.00
Spiked Amount			Recovery	=	178.06%	
35) Dibromofluoromethane	7.91	113	5005	58.51	ug/l	0.00
Spiked Amount			Recovery	=	117.02%	
50) Toluene-d8	10.33	98	15607	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.64	95	6029	54.29	ug/l	0.00
Spiked Amount			Recovery	=	108.58%	

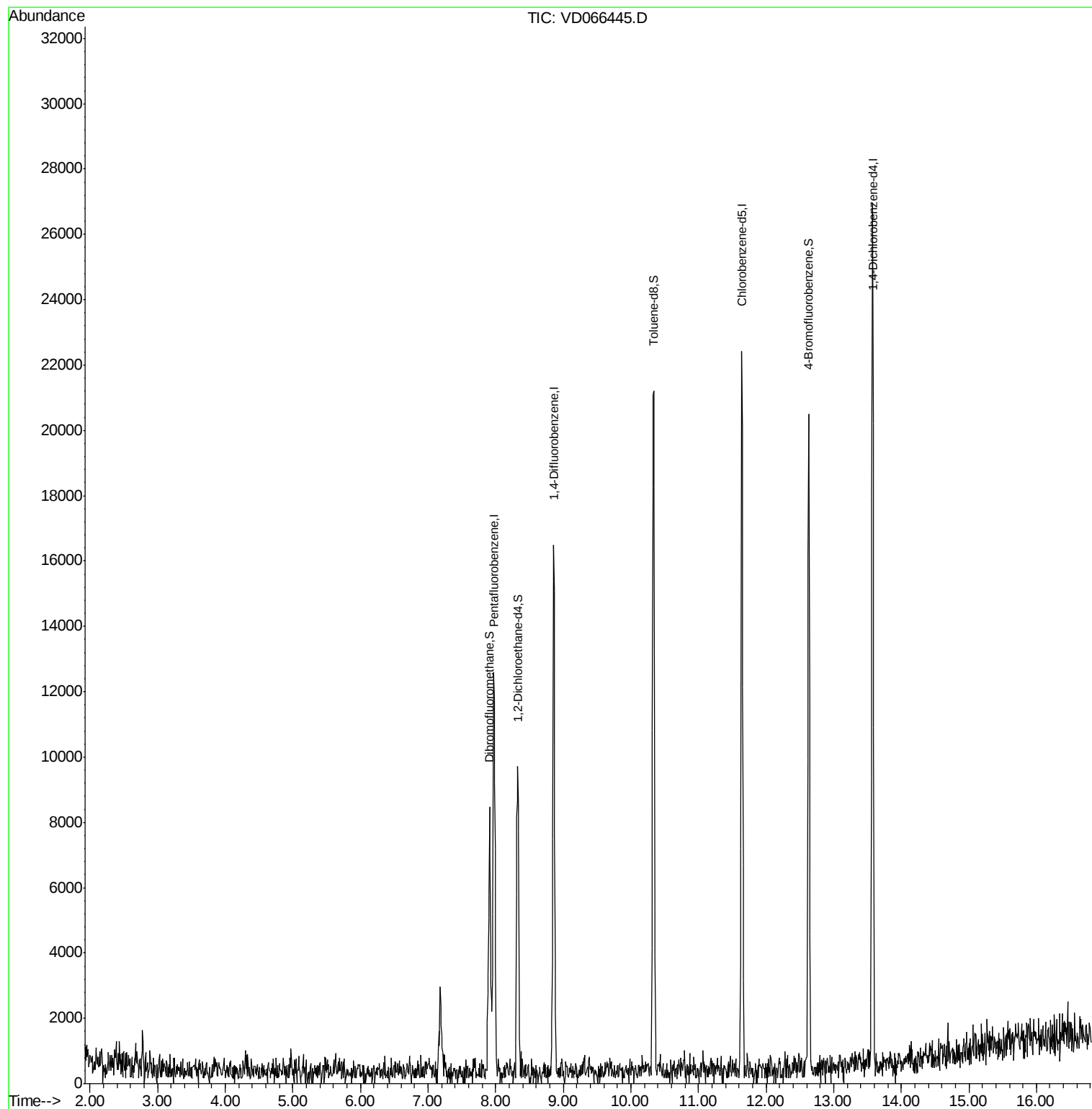
Target Compounds	Qvalue

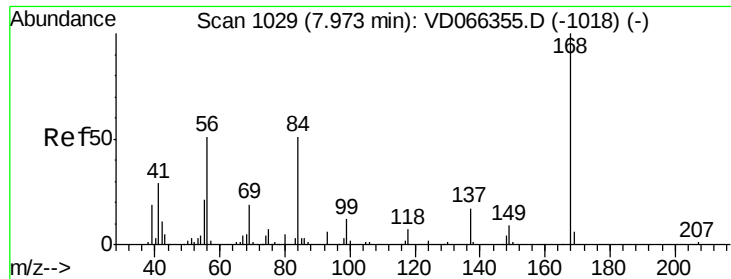
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066445.D

Acq: 27 Aug 2020 19:06

Instrument :

MSVOA_D

ClientSampleId :

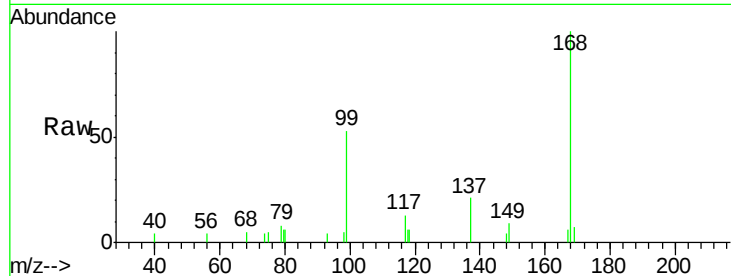
789UMR-TP05-1218-01

Tot Ion:168 Resp: 9885

Ion Ratio Lower Upper

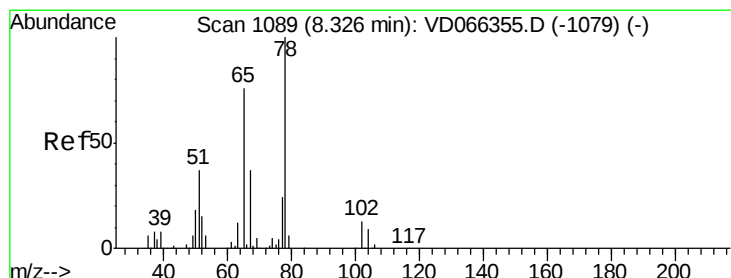
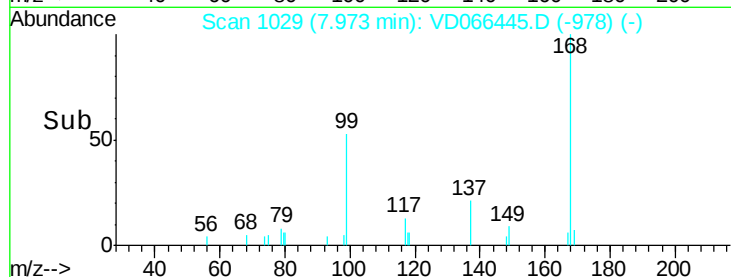
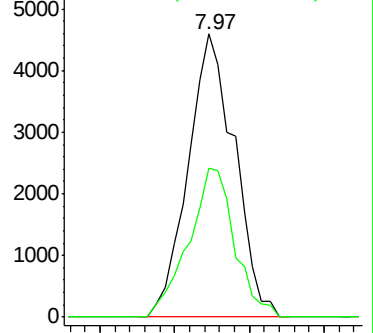
168 100

99 52.8 45.4 68.0



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: 89.029 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066445.D

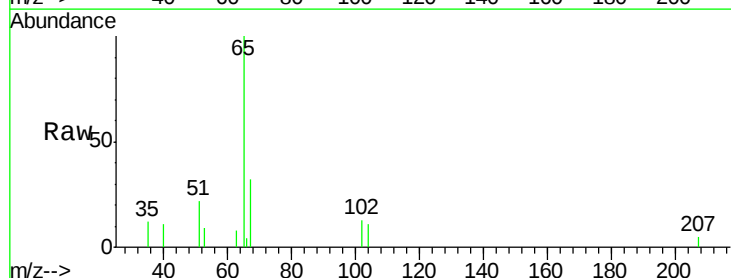
Acq: 27 Aug 2020 19:06

Tgt Ion: 65 Resp: 8628

Ion Ratio Lower Upper

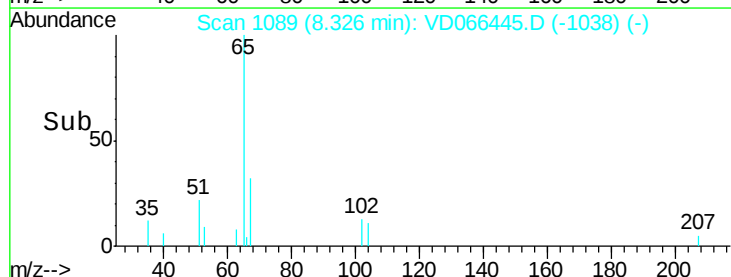
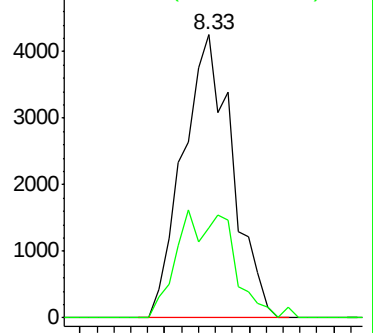
65 100

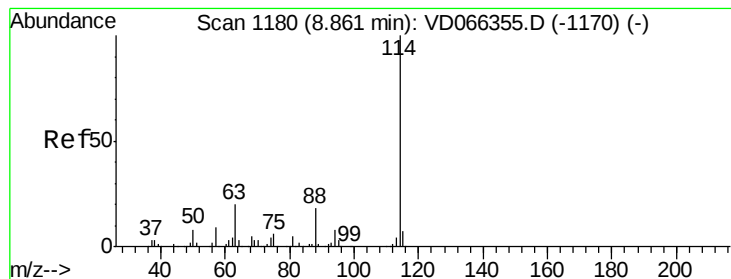
67 19.1 0.0 101.6



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: VD066445.D

Acq: 27 Aug 2020 19:06

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP05-1218-01

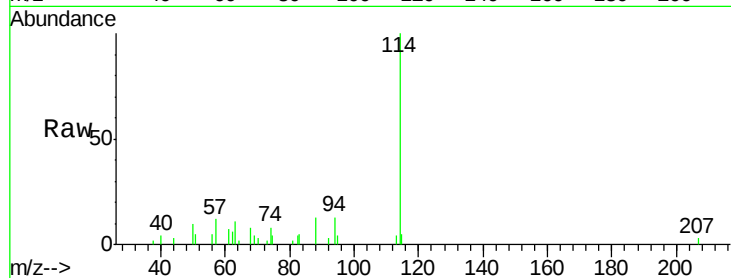
Tot Ion:114 Resp: 13679

Ion Ratio Lower Upper

114 100

63 11.3 0.0 40.8

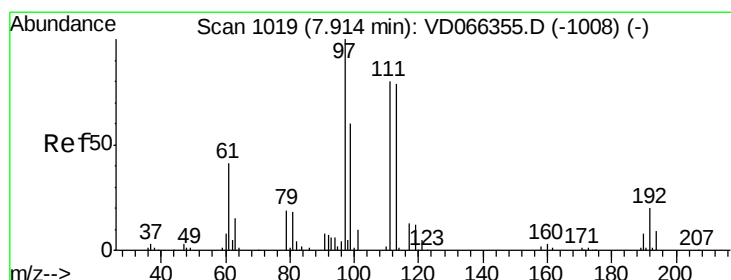
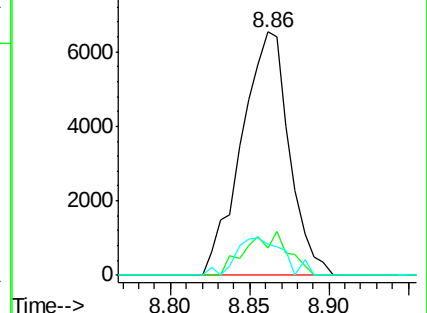
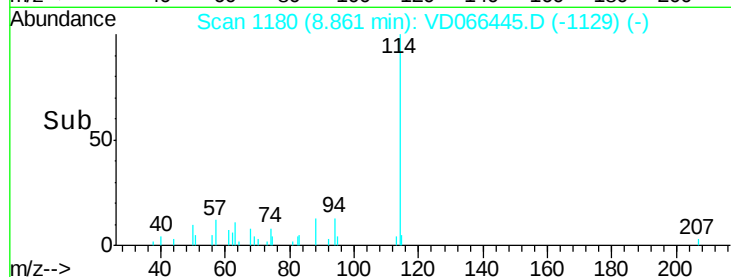
88 12.7 0.0 35.4



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: 58.513 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066445.D

Acq: 27 Aug 2020 19:06

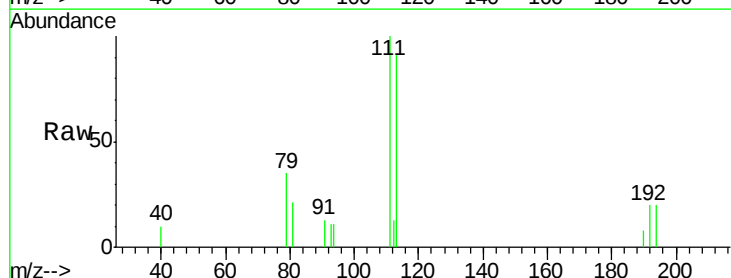
Tgt Ion:113 Resp: 5005

Ion Ratio Lower Upper

113 100

111 107.5 80.3 120.5

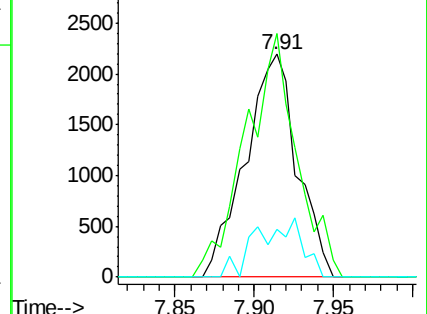
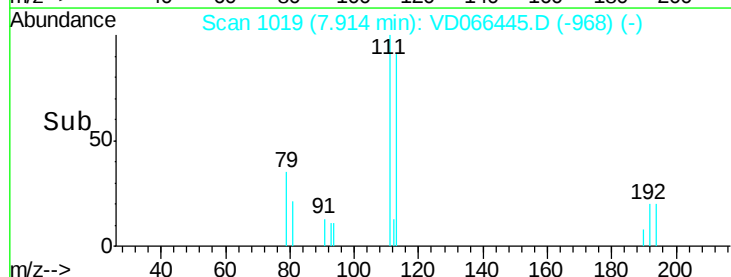
192 10.0 19.0 28.6#

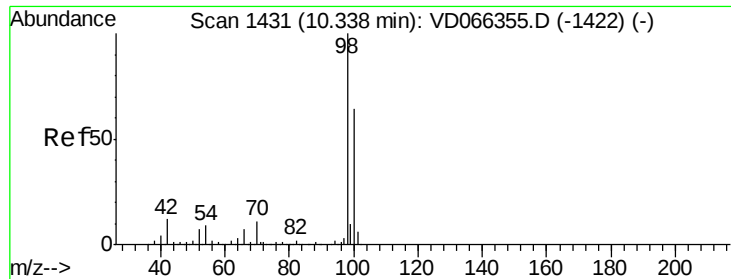


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

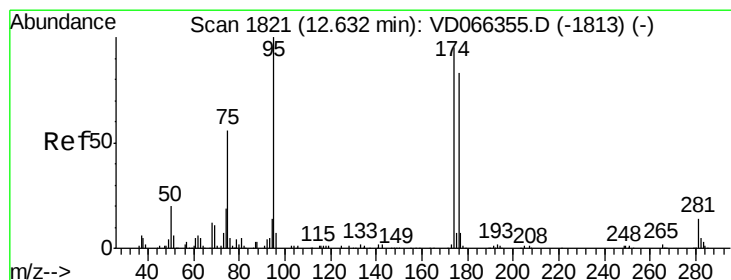
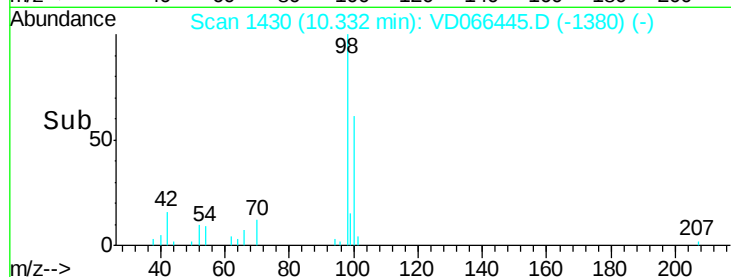
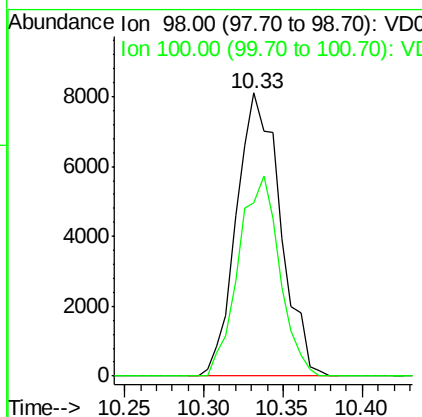
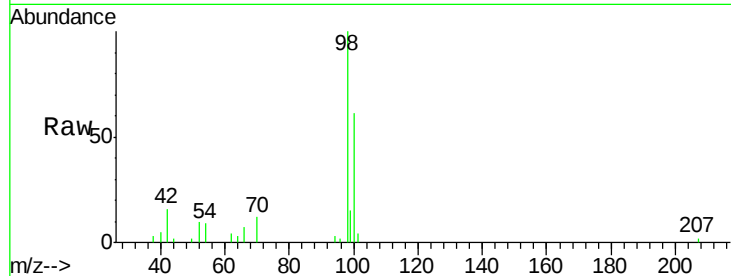




#50
Toluene-d8
Concen: 49.868 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066445.D
Acq: 27 Aug 2020 19:06

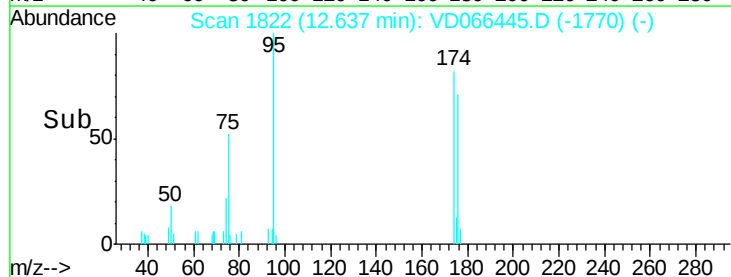
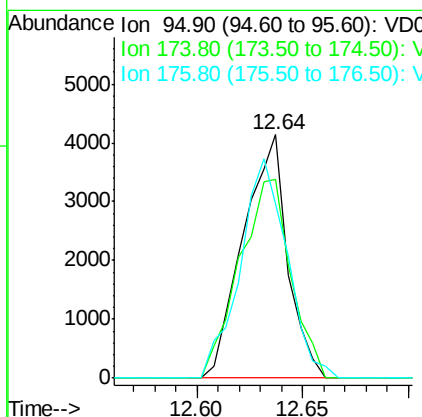
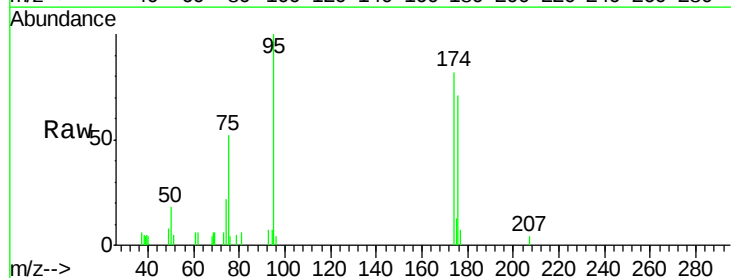
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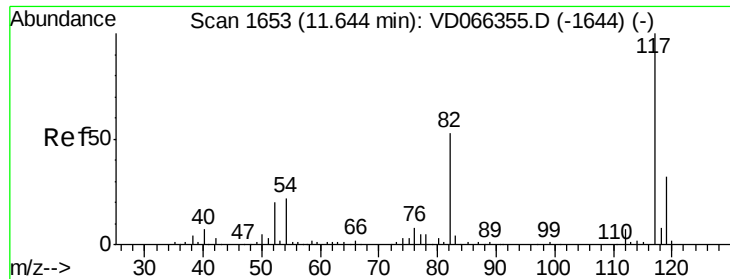
Tot Ion: 98 Resp: 15607
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.289 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD066445.D
Acq: 27 Aug 2020 19:06

Tgt Ion: 95 Resp: 6029
Ion Ratio Lower Upper
95 100
174 94.7 0.0 183.4
176 95.6 0.0 173.8

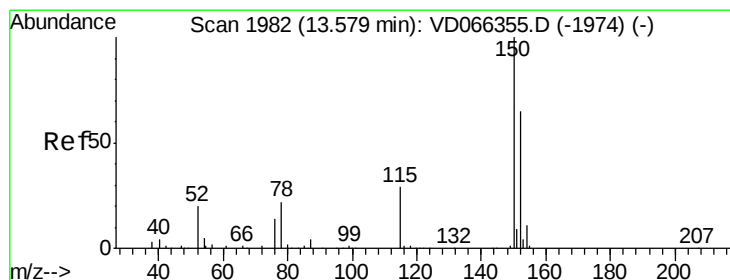
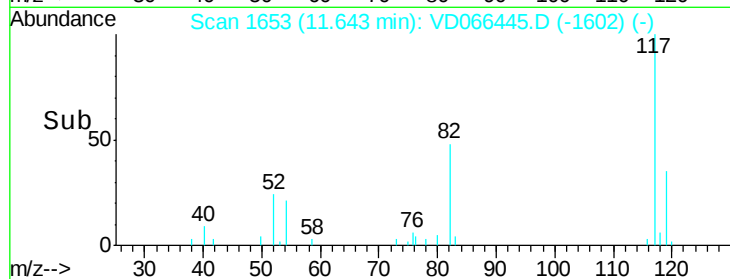
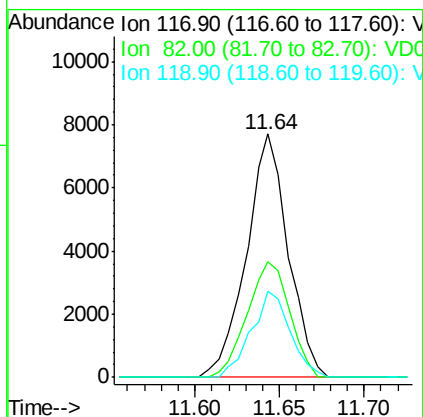
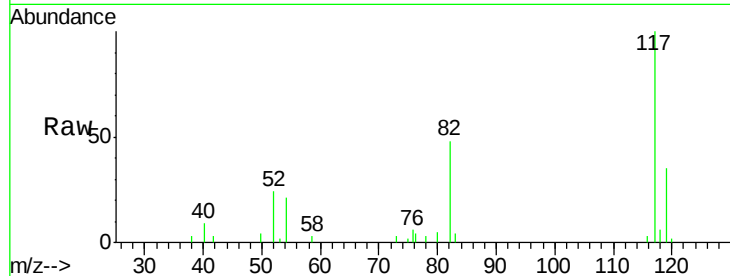




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066445.D
Acq: 27 Aug 2020 19:06

Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP05-1218-01

Tot Ion:117 Resp: 13231
Ion Ratio Lower Upper
117 100
82 47.7 42.8 64.2
119 35.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066445.D
Acq: 27 Aug 2020 19:06

Tgt Ion:152 Resp: 8398
Ion Ratio Lower Upper
152 100
115 48.1 28.3 85.0
150 148.4 0.0 343.2

