

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066774.D
 Acq On : 18 Sep 2020 18:54
 Operator : VA/SY
 Sample : L4017-08
 Misc : 5.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-8

Quant Time: Sep 19 06:44:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	377643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	670938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	651957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	301623	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	227943	56.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.14%	
35) Dibromofluoromethane	7.91	113	219489	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
50) Toluene-d8	10.34	98	821953	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.63	95	280482	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	

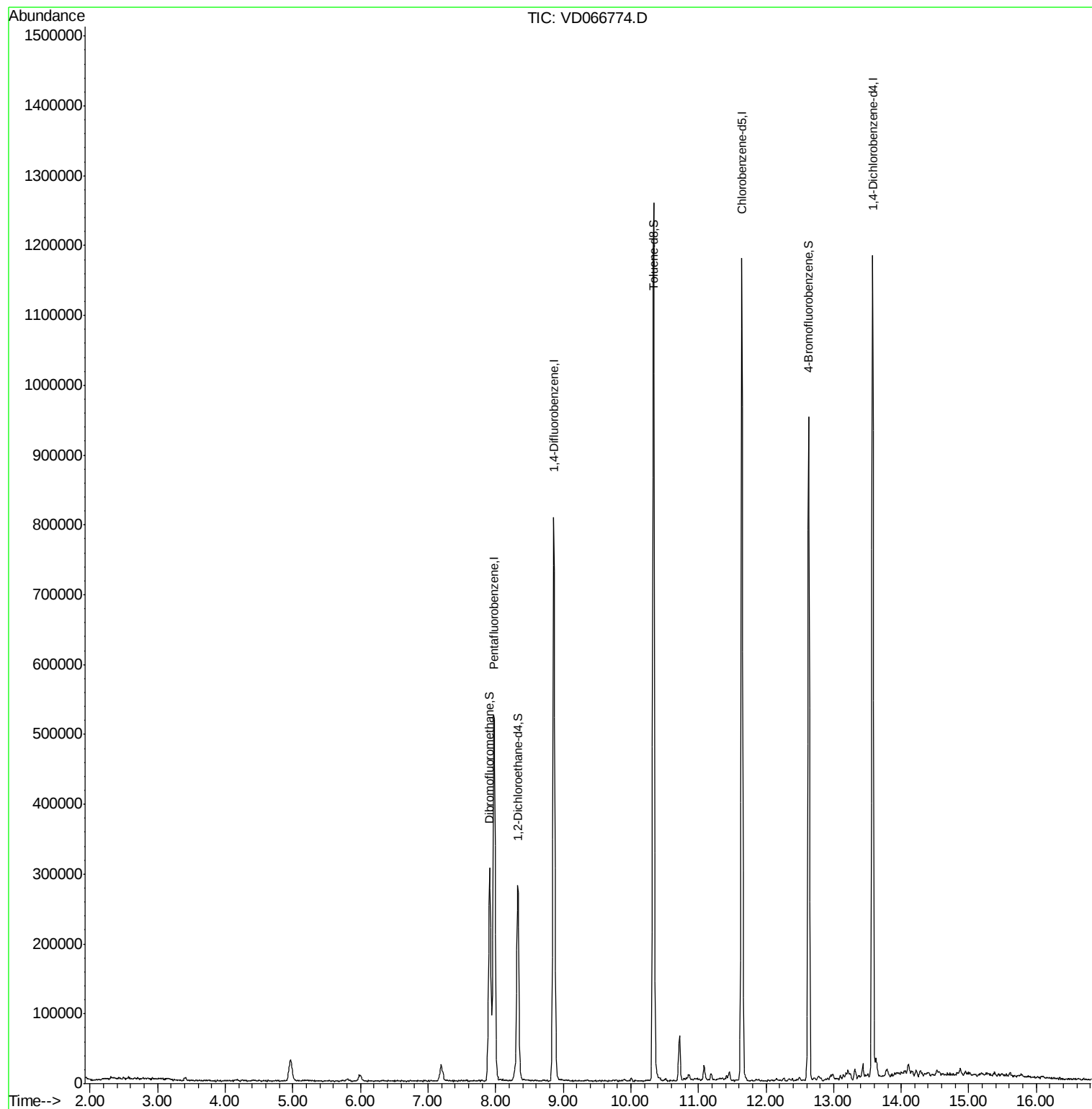
Target Compounds	Qvalue

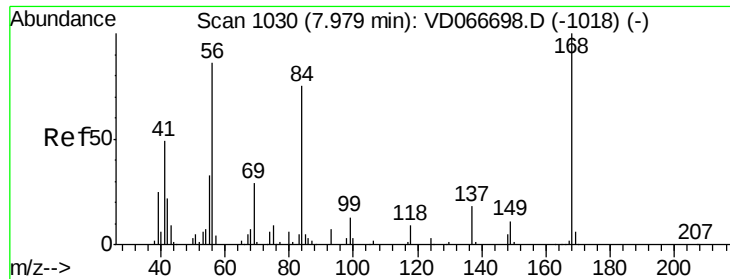
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066774.D

Acq: 18 Sep 2020 18:54

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MSVOA_D

ClientSampleID :

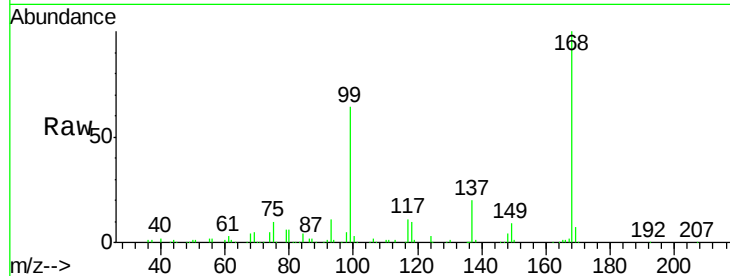
SS-8

Tot Ion:168 Resp: 377643

Ion Ratio Lower Upper

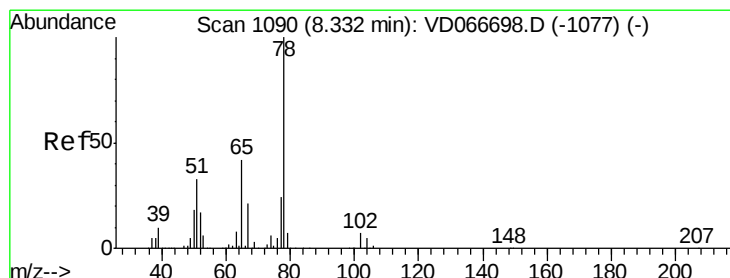
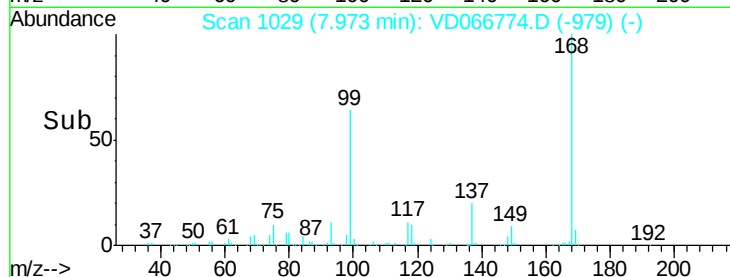
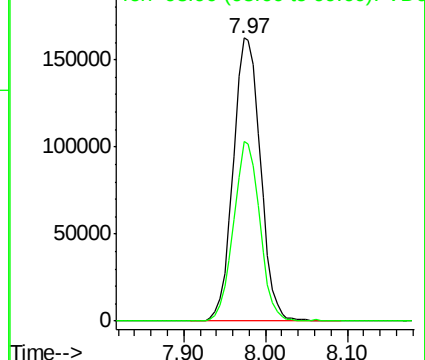
168 100

99 63.6 54.4 81.6



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: 56.572 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066774.D

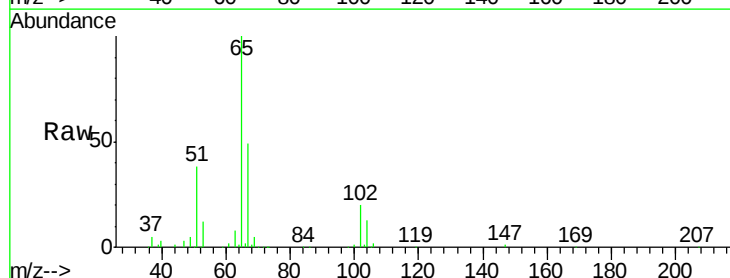
Acq: 18 Sep 2020 18:54

Tgt Ion: 65 Resp: 227943

Ion Ratio Lower Upper

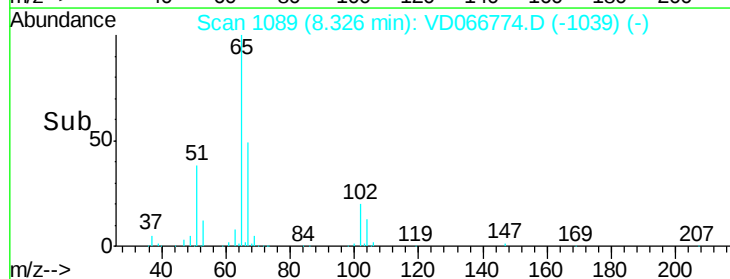
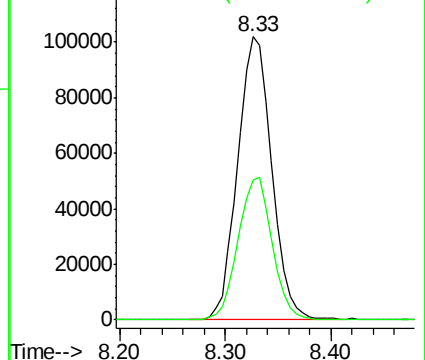
65 100

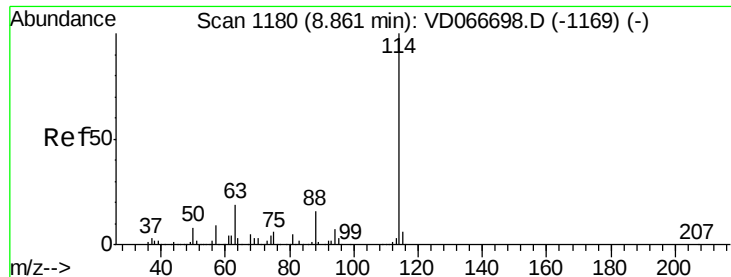
67 50.4 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

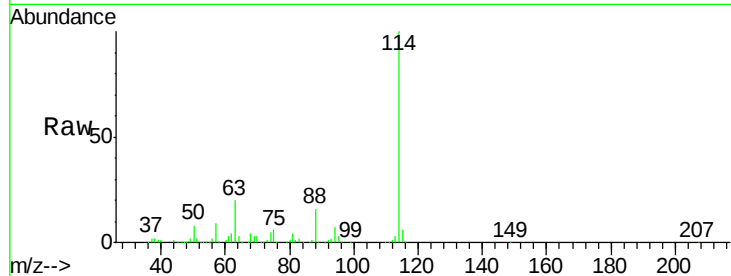




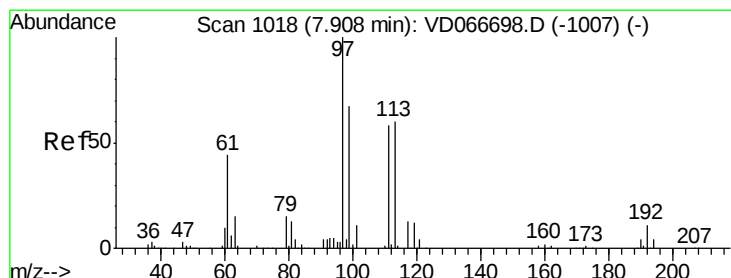
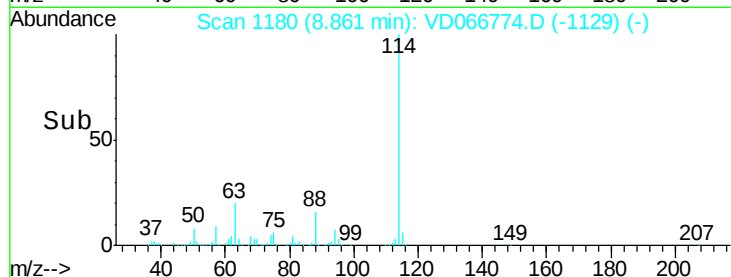
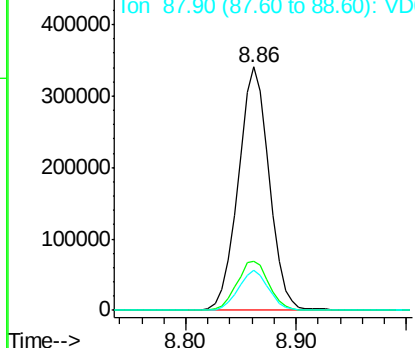
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066774.D
 Acq: 18 Sep 2020 18:54

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-8

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	37.6
88	16.5	0.0	32.2

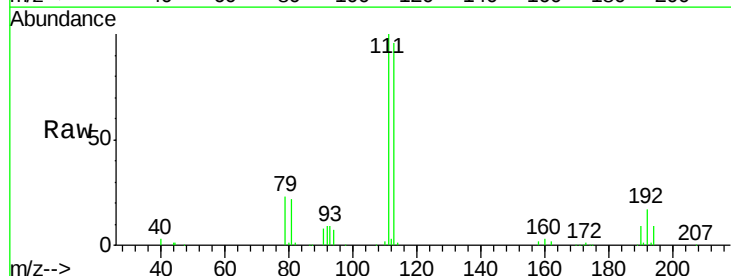


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

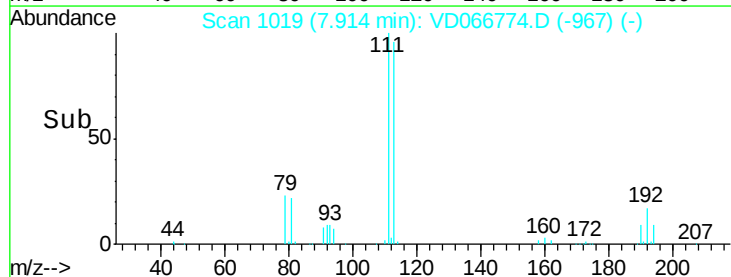
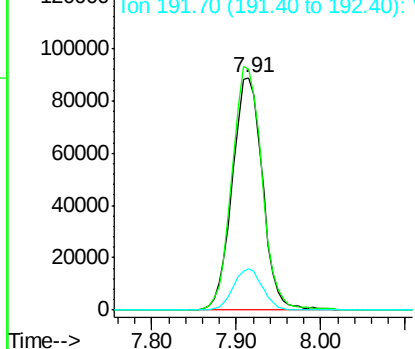


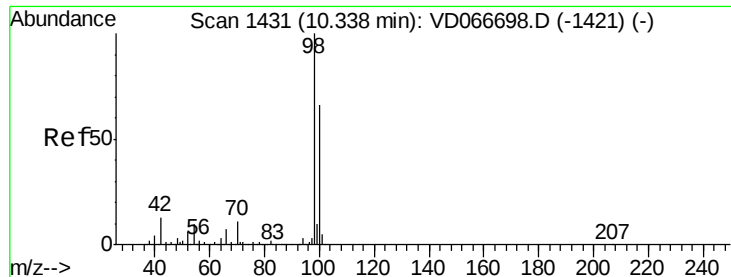
#35
 Dibromofluoromethane
 Concen: 53.358 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066774.D
 Acq: 18 Sep 2020 18:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.2	124.8
192	17.3	14.8	22.2



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: 56.085 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066774.D

Acq: 18 Sep 2020 18:54

Instrument :

MSVOA_D

ClientSampled :

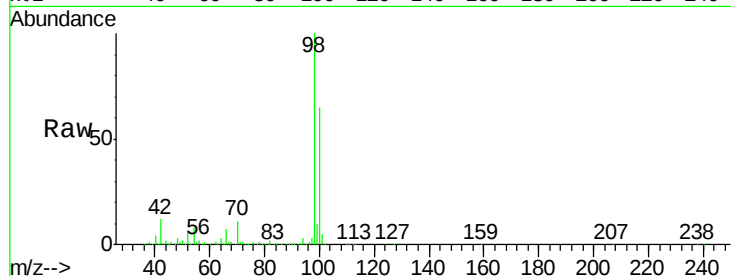
SS-8

Tot Ion: 98 Resp: 821953

Ion Ratio Lower Upper

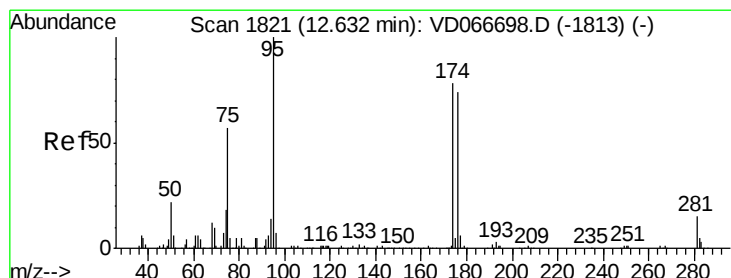
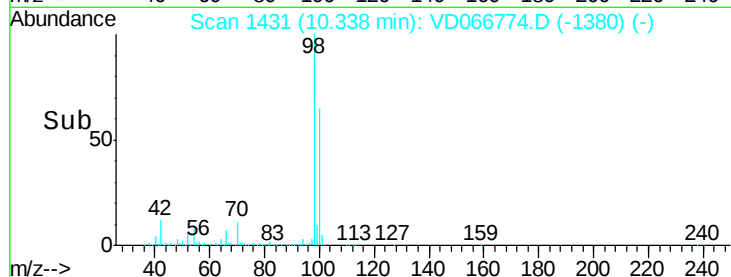
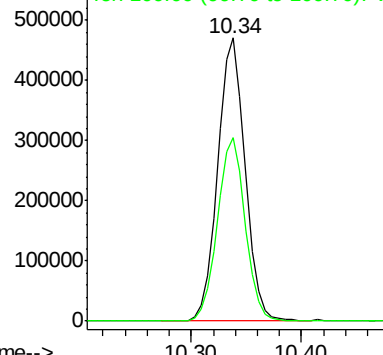
98 100

100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 55.444 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066774.D

Acq: 18 Sep 2020 18:54

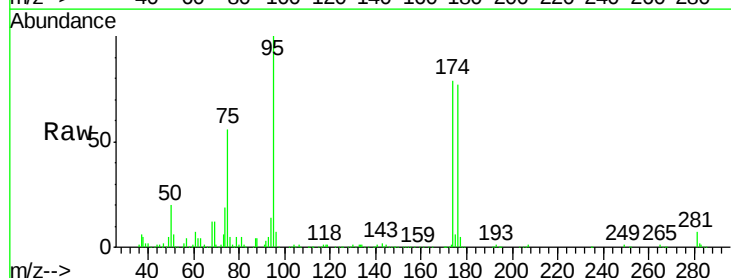
Tgt Ion: 95 Resp: 280482

Ion Ratio Lower Upper

95 100

174 78.1 0.0 156.6

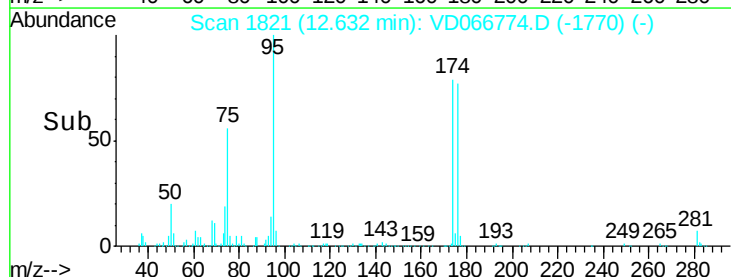
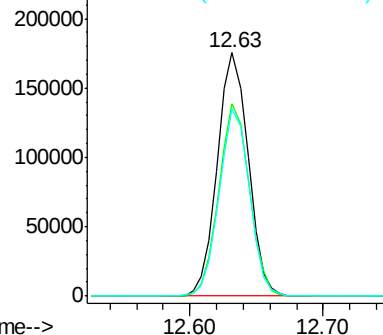
176 75.3 0.0 150.2

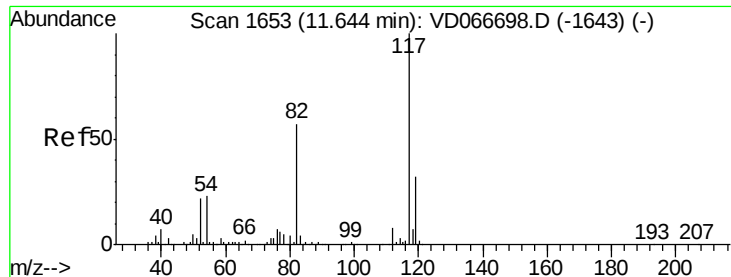


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

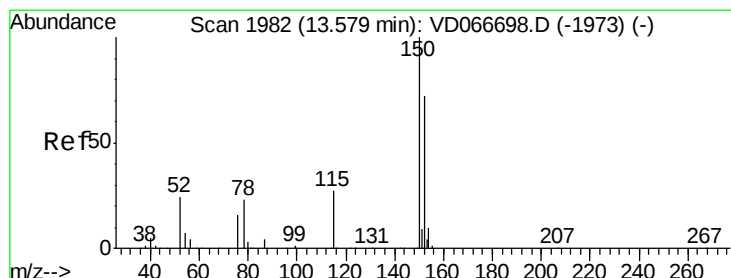
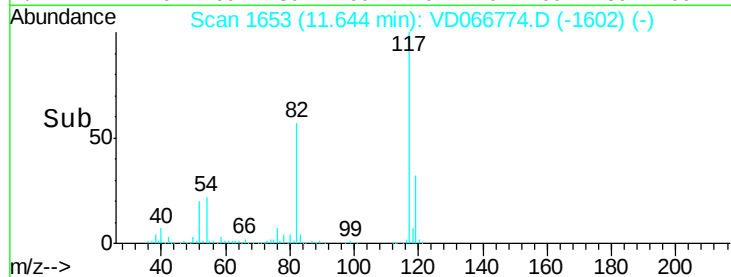
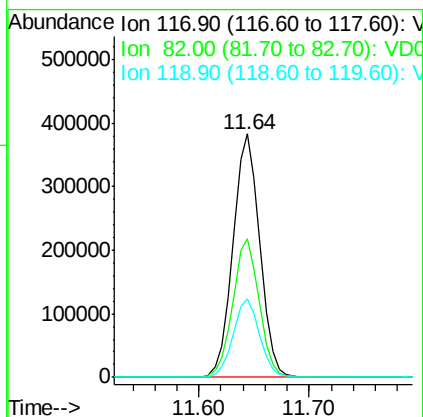
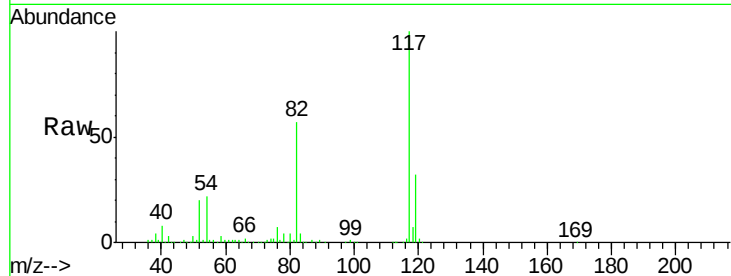




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066774.D
Acq: 18 Sep 2020 18:54

Instrument :
MSVOA_D
ClientSampled :
SS-8

Tot Ion:117 Resp: 651957
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.0
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066774.D
Acq: 18 Sep 2020 18:54

Tgt Ion:152 Resp: 301623
Ion Ratio Lower Upper
152 100
115 60.9 30.5 91.5
150 154.2 0.0 344.6

