

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066775.D
 Acq On : 18 Sep 2020 19:21
 Operator : VA/SY
 Sample : L4017-09
 Misc : 5.16G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-9

Quant Time: Sep 19 06:46:36 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	7.98	168	363447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	651029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	641661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	283270	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	219504	56.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.22%	
35) Dibromofluoromethane	7.91	113	212743	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
50) Toluene-d8	10.34	98	793122	55.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.54%	
62) 4-Bromofluorobenzene	12.63	95	271768	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	

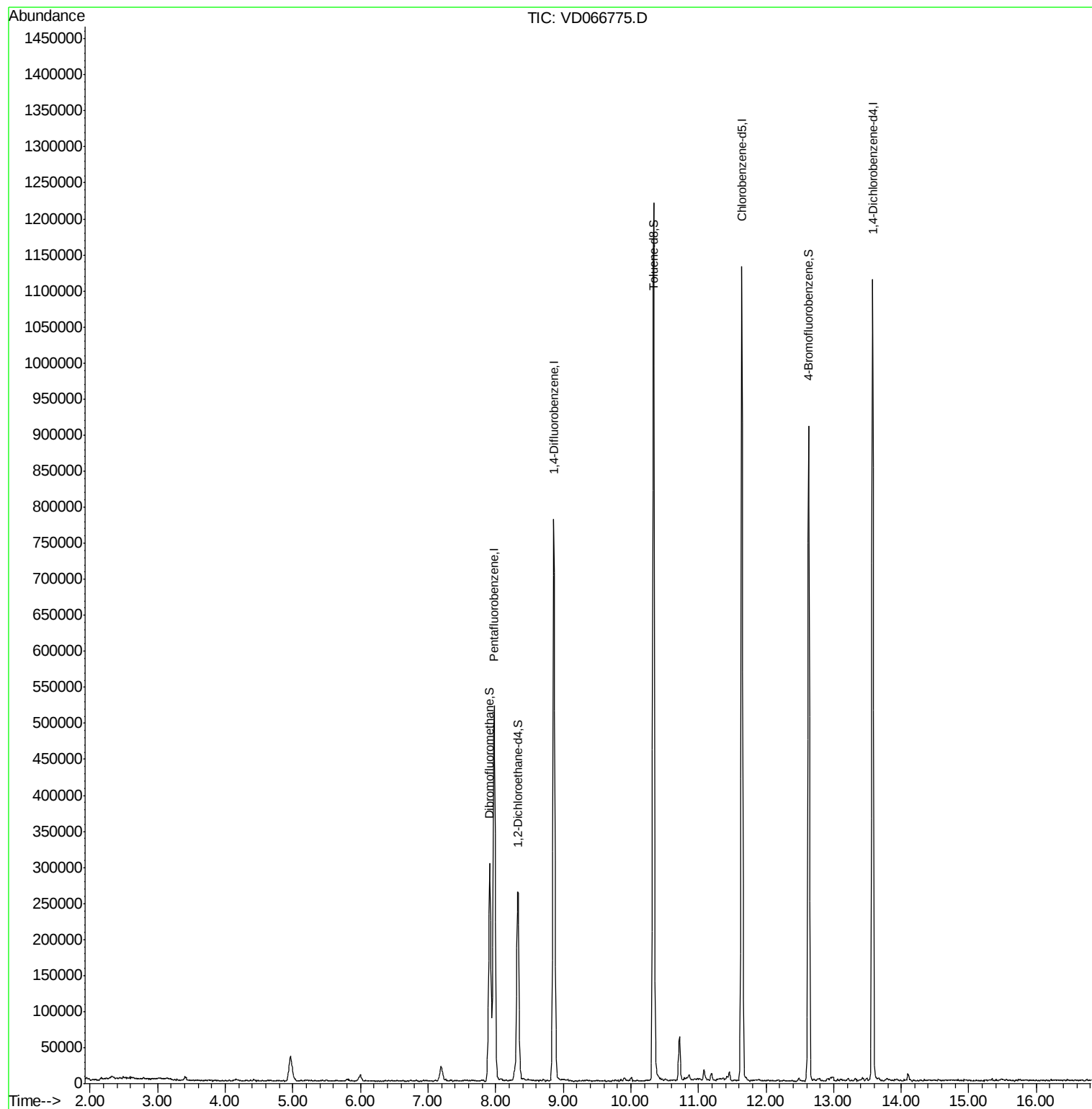
Target Compounds	Qvalue

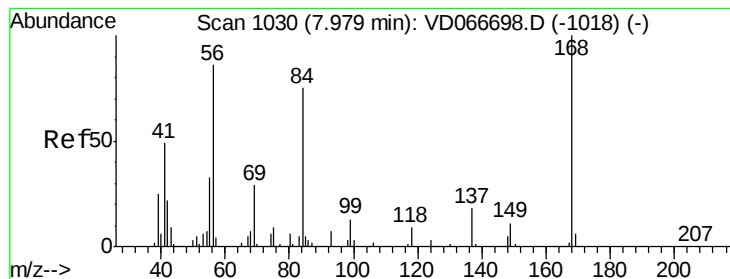
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066775.D

Acq: 18 Sep 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

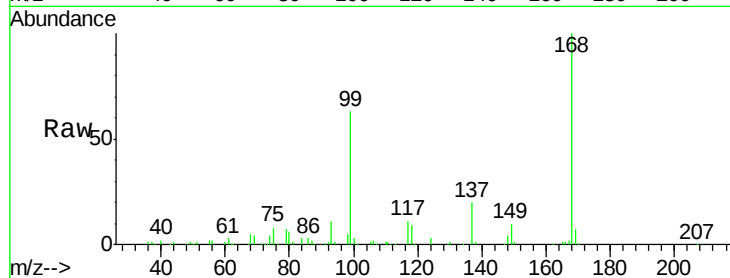
SS-9

Tot Ion:168 Resp: 363447

Ion Ratio Lower Upper

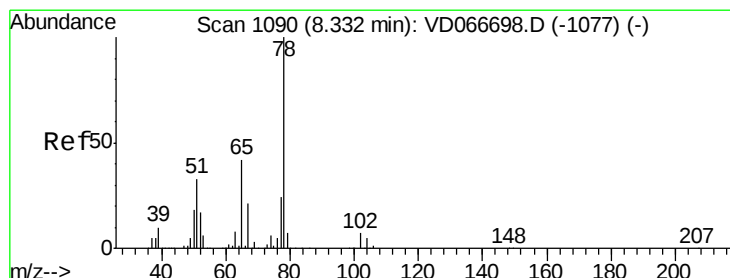
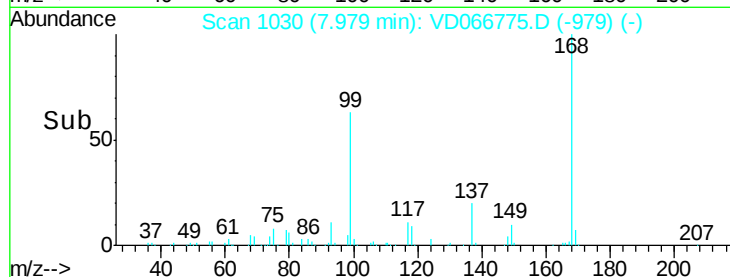
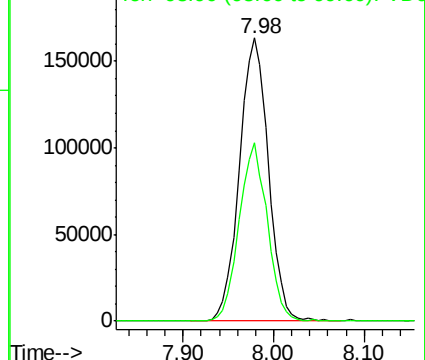
168 100

99 63.0 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: 56.606 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066775.D

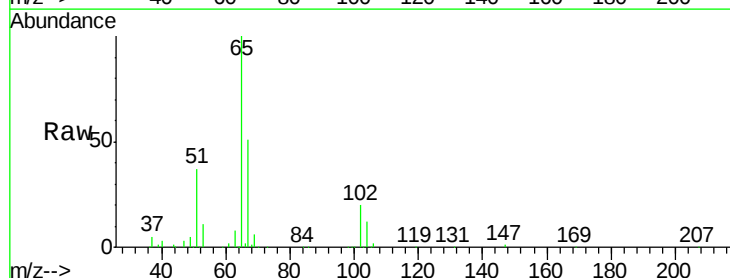
Acq: 18 Sep 2020 19:21

Tgt Ion: 65 Resp: 219504

Ion Ratio Lower Upper

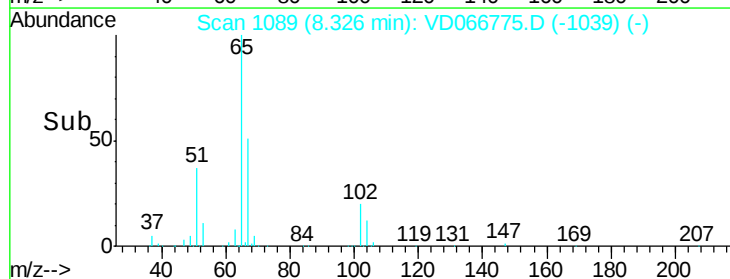
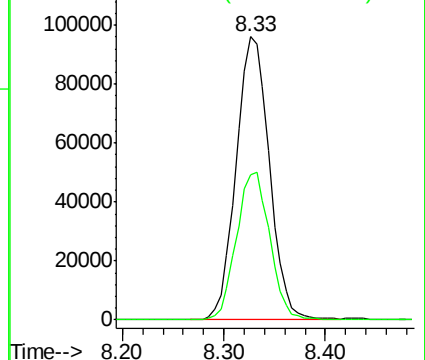
65 100

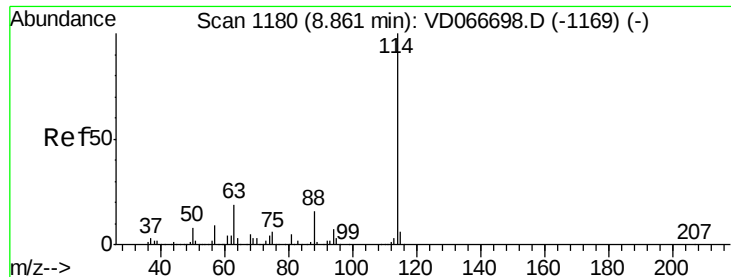
67 52.1 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

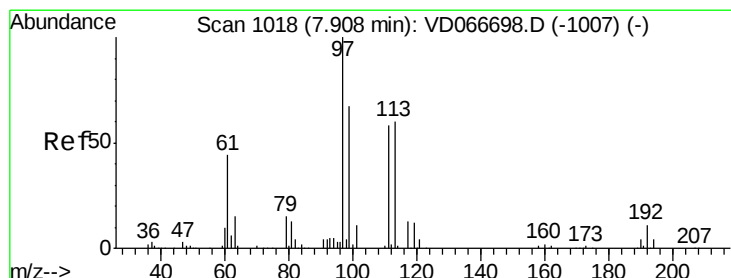
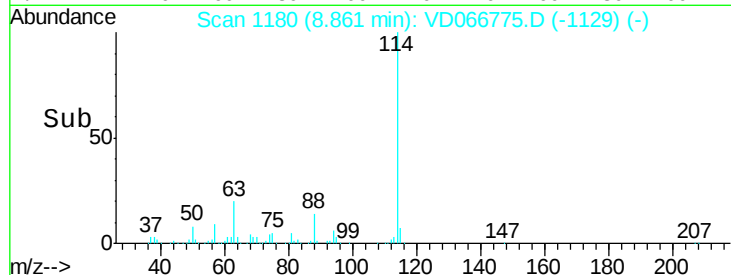
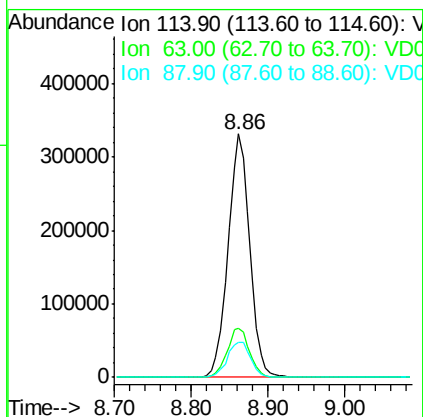
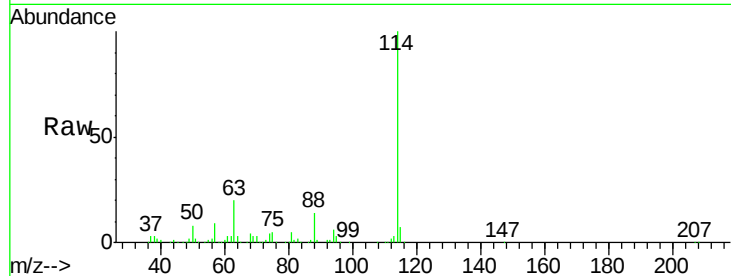




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066775.D
 Acq: 18 Sep 2020 19:21

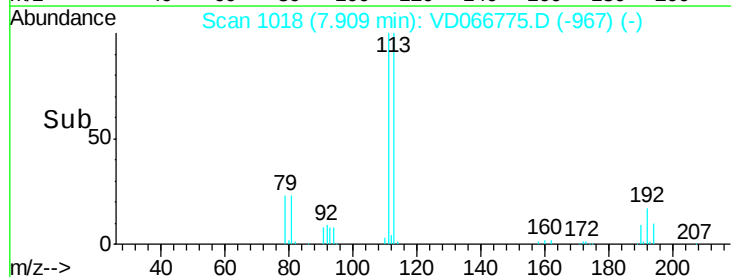
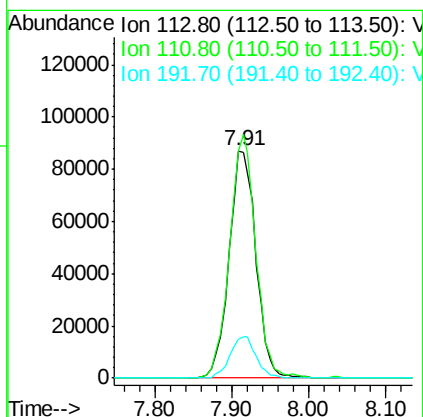
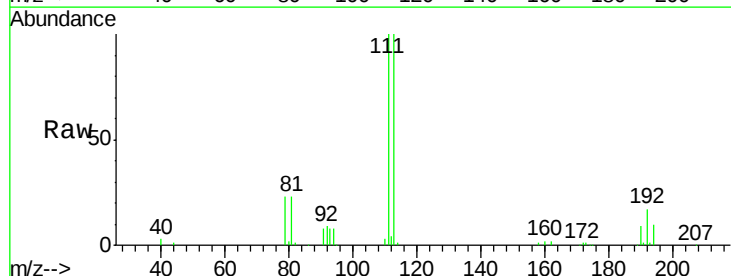
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-9

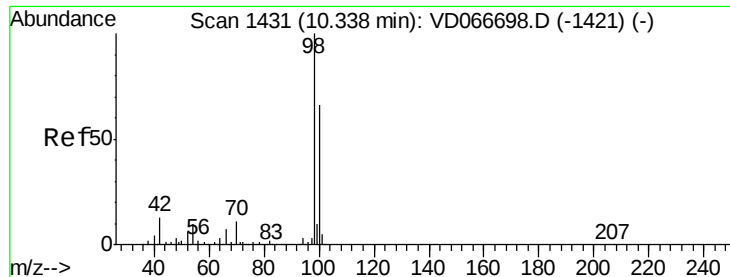
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	37.6
88	14.5	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 53.300 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066775.D
 Acq: 18 Sep 2020 19:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.2	124.8
192	17.8	14.8	22.2





#50

Toluene-d8

Concen: 55.773 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066775.D

Acq: 18 Sep 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

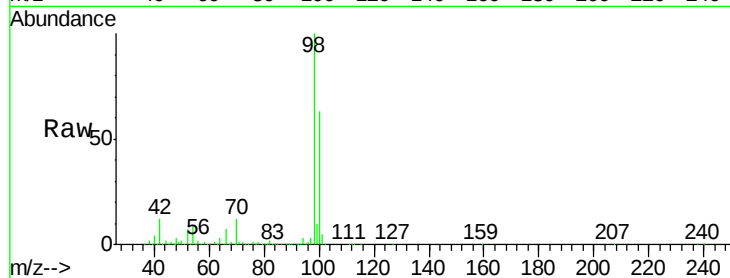
SS-9

Tot Ion: 98 Resp: 793122

Ion Ratio Lower Upper

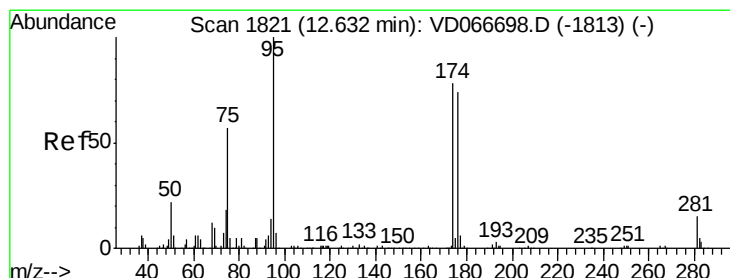
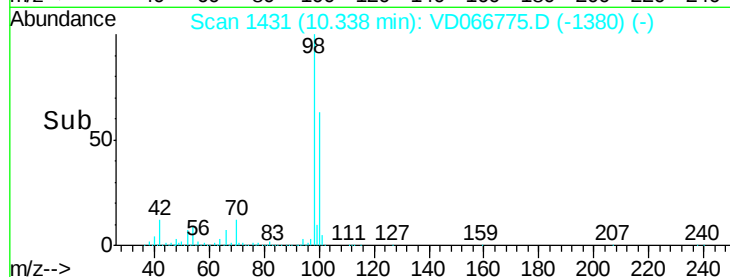
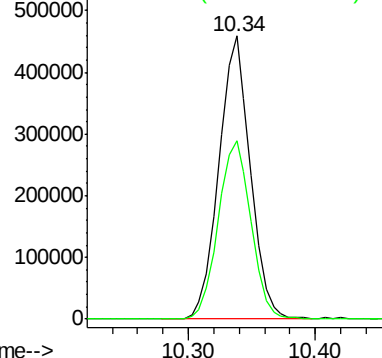
98 100

100 65.9 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: 55.364 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066775.D

Acq: 18 Sep 2020 19:21

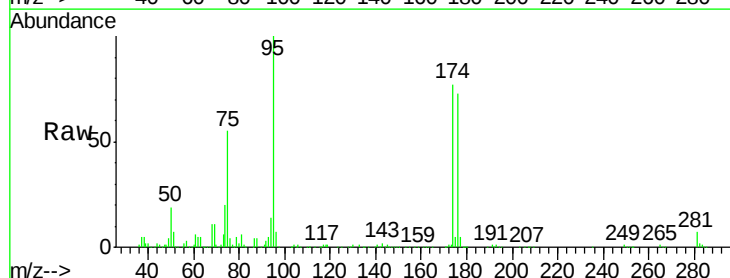
Tgt Ion: 95 Resp: 271768

Ion Ratio Lower Upper

95 100

174 78.4 0.0 156.6

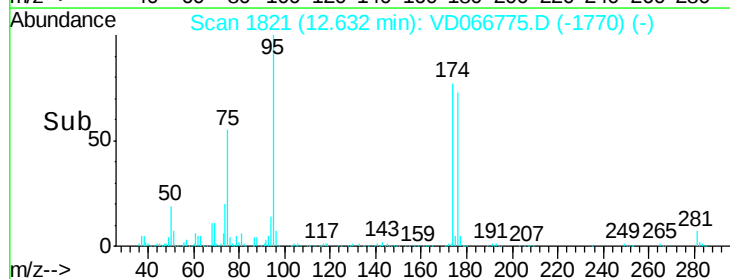
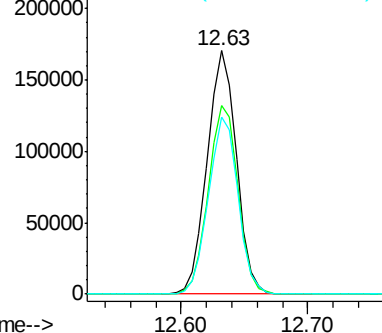
176 73.8 0.0 150.2

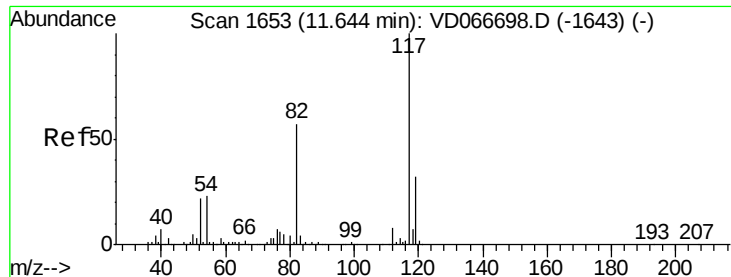


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

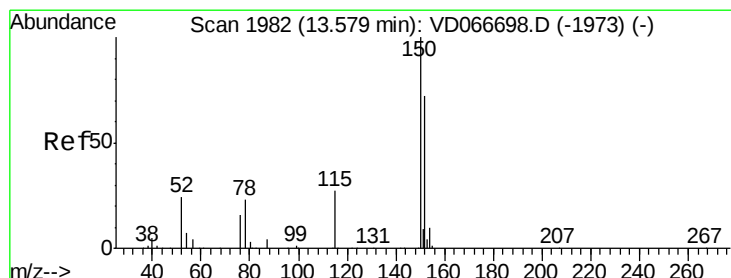
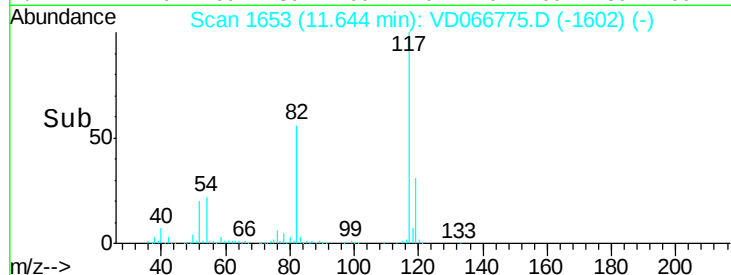
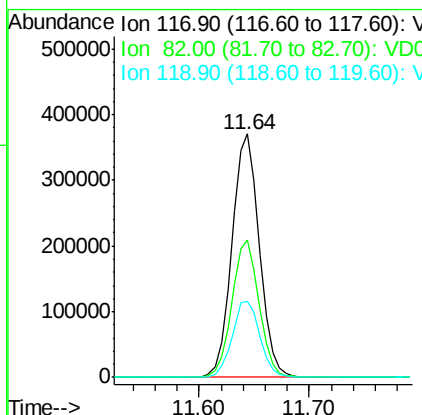
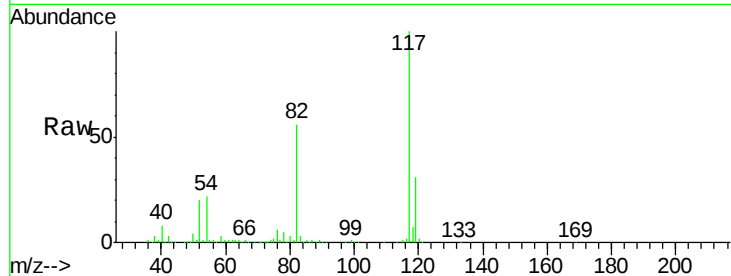




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066775.D
Acq: 18 Sep 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
SS-9

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.4	68.0
119	31.2	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: VD066775.D
Acq: 18 Sep 2020 19:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.5	91.5
150	156.4	0.0	344.6

