

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
 Data File : VD066395.D
 Acq On : 25 Aug 2020 11:49
 Operator : VA/SY
 Sample : VD0825SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBL01

Quant Time: Aug 26 08:14:08 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	245201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	371472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	342814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	175650	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	131060	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
35) Dibromofluoromethane	7.91	113	119916	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.33	98	431841	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.63	95	154991	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	

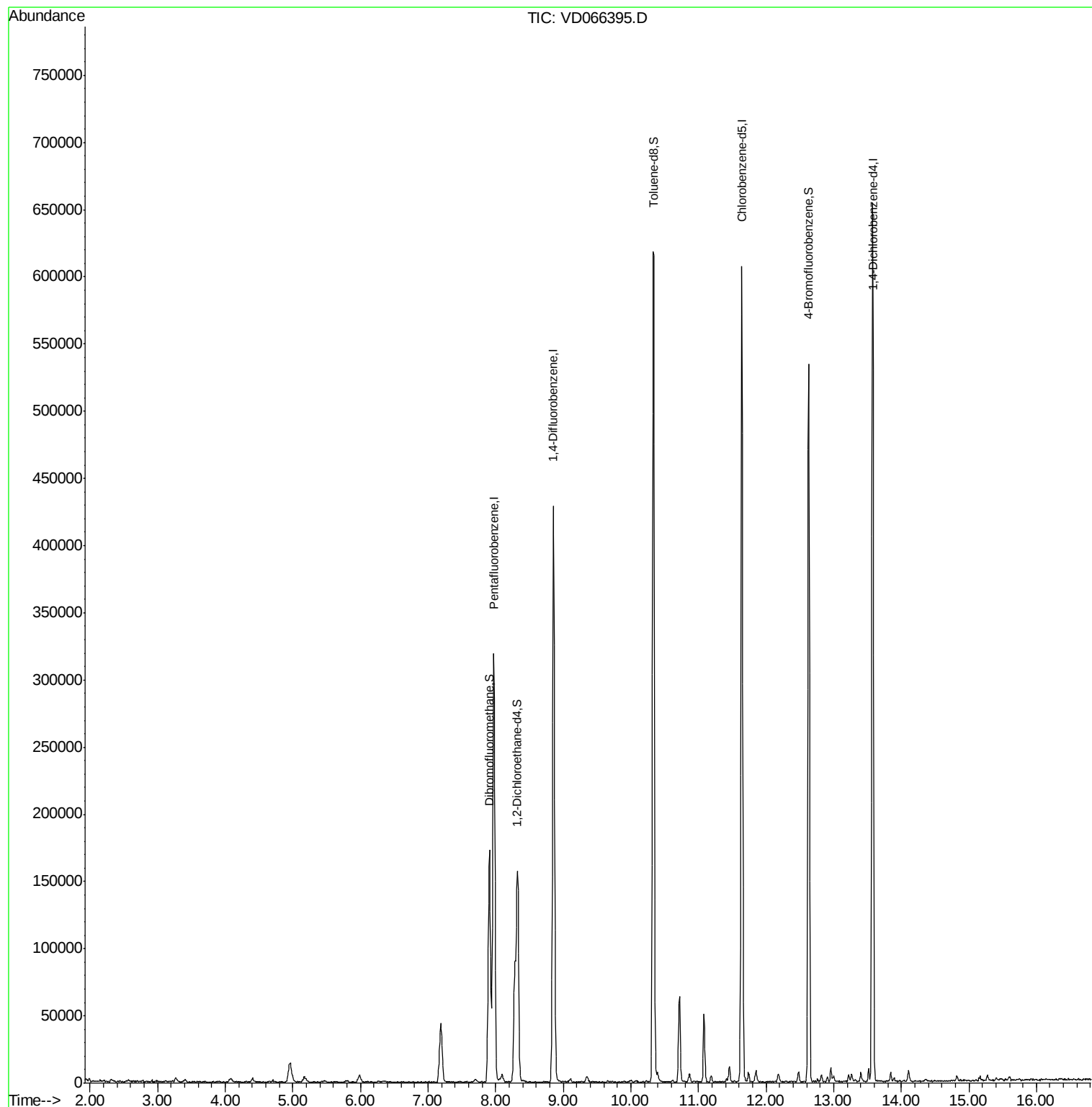
Target Compounds	Qvalue

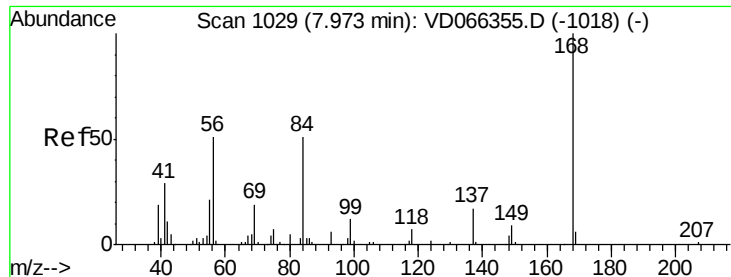
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082520\
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QLast Update : Fri Aug 21 13:36:12 2020
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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: VD066395.D

Acq: 25 Aug 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

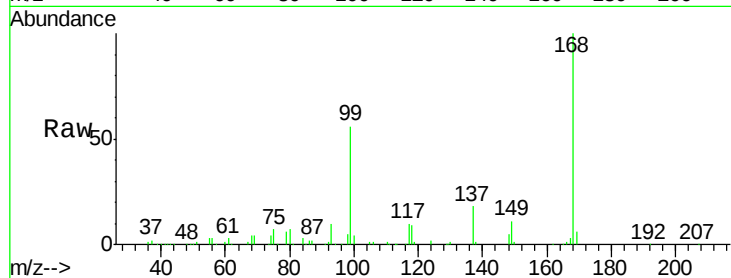
VD0825SBL01

Tot Ion:168 Resp: 245201

Ion Ratio Lower Upper

168 100

99 56.0 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

120000

100000

80000

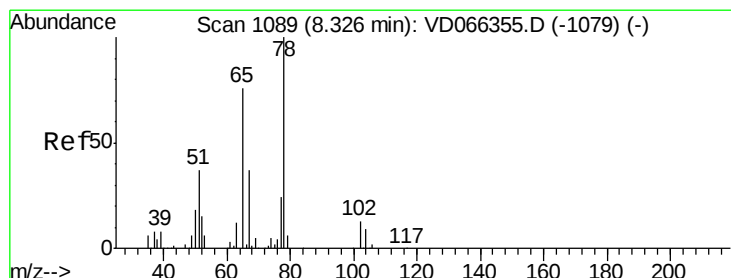
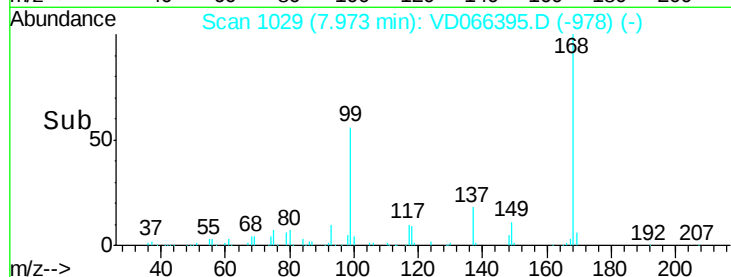
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.519 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066395.D

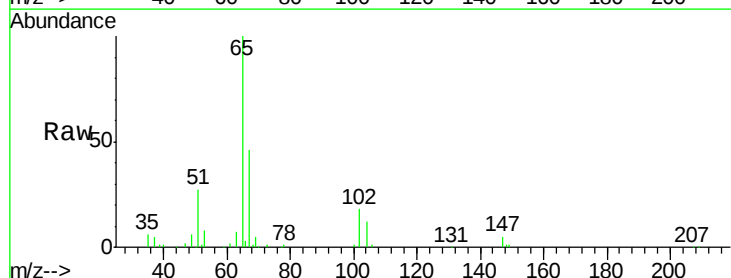
Acq: 25 Aug 2020 11:49

Tgt Ion: 65 Resp: 131060

Ion Ratio Lower Upper

65 100

67 48.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

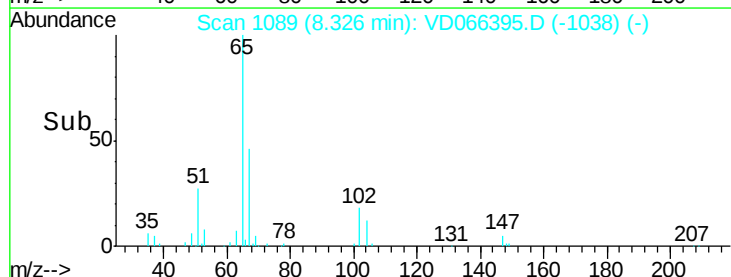
60000

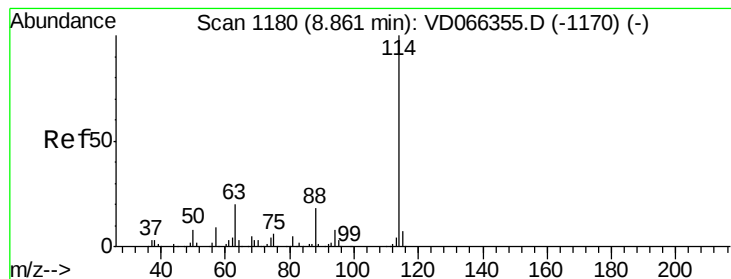
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066395.D

Acq: 25 Aug 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBL01

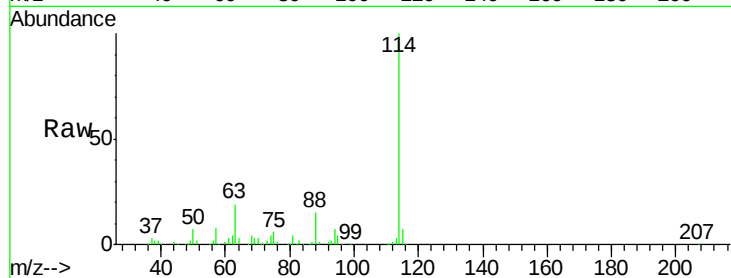
Tot Ion:114 Resp: 371472

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.8

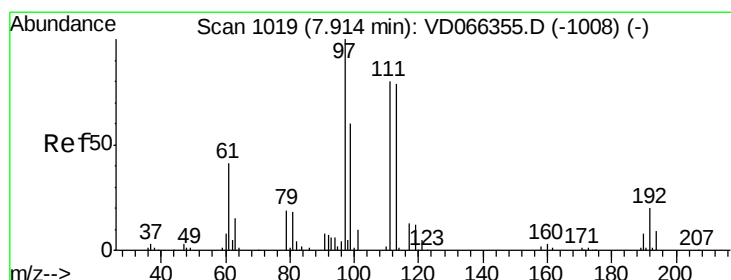
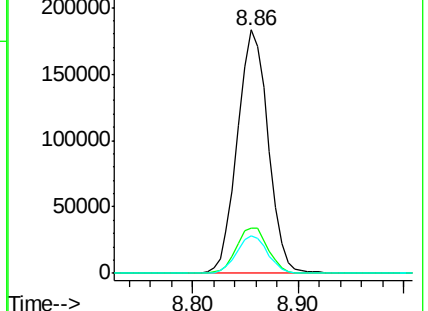
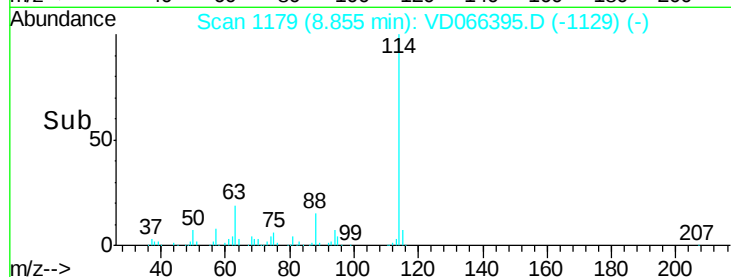
88 15.3 0.0 35.4



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: 51.624 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066395.D

Acq: 25 Aug 2020 11:49

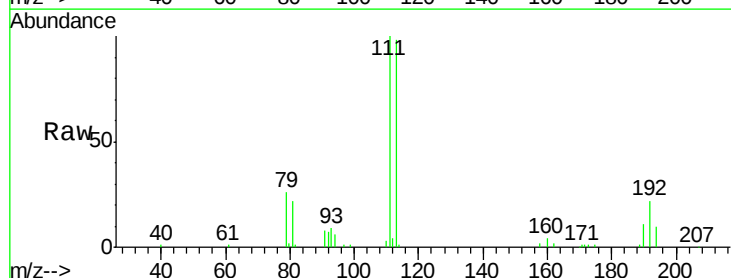
Tgt Ion:113 Resp: 119916

Ion Ratio Lower Upper

113 100

111 99.9 80.3 120.5

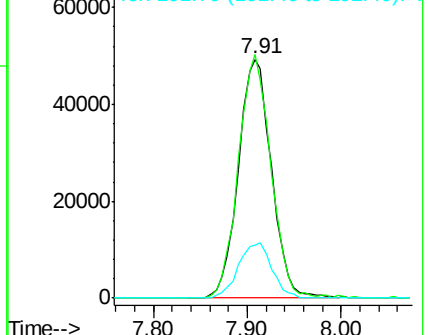
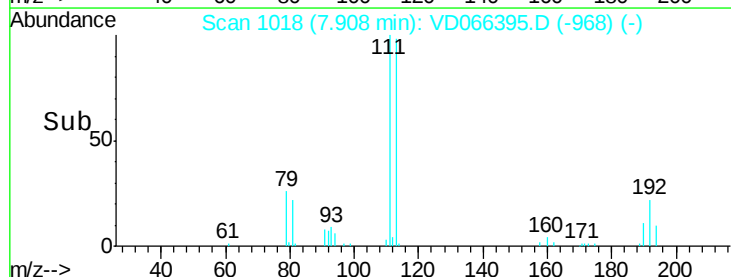
192 23.4 19.0 28.6

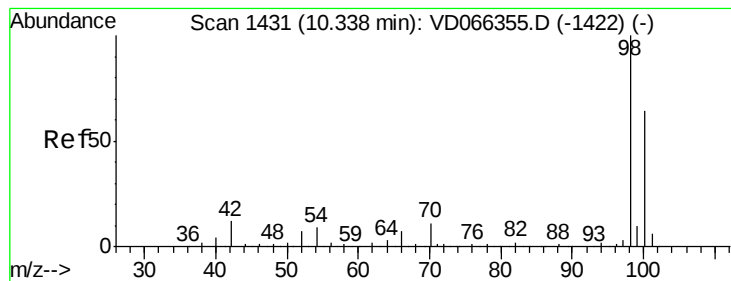


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.811 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066395.D

Acq: 25 Aug 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

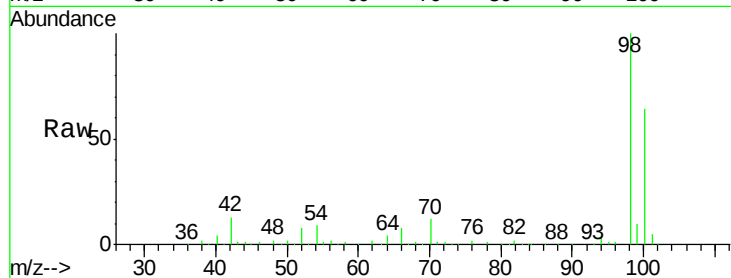
VD0825SBL01

Tot Ion: 98 Resp: 431841

Ion Ratio Lower Upper

98 100

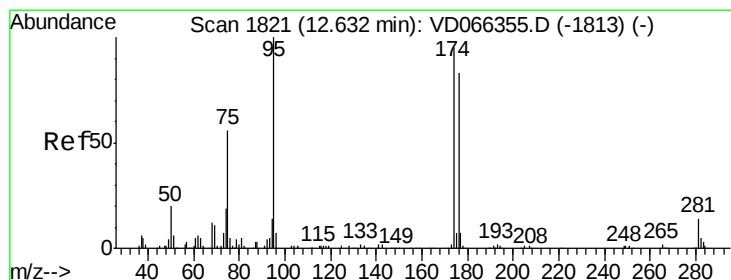
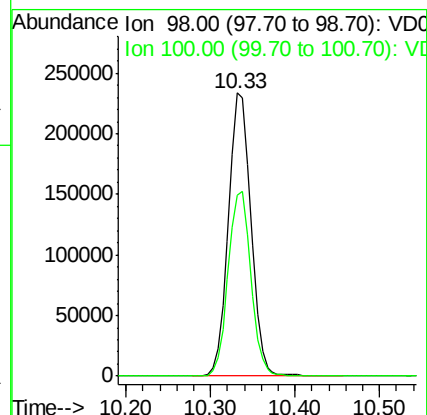
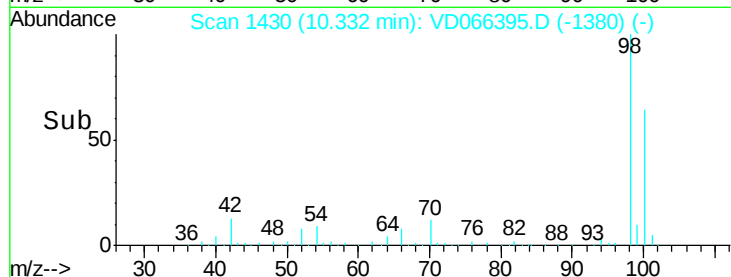
100 65.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VD066355.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD066355.D (-1422) (-)

10.33



#62

4-Bromofluorobenzene

Concen: 51.393 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066395.D

Acq: 25 Aug 2020 11:49

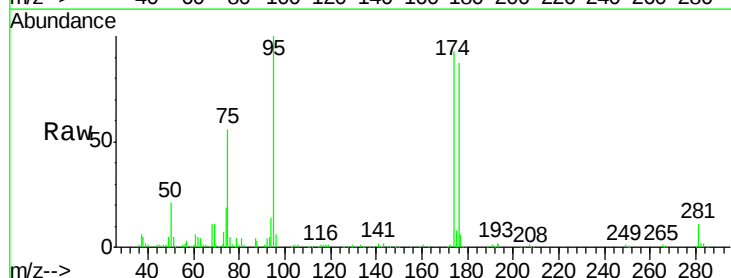
Tgt Ion: 95 Resp: 154991

Ion Ratio Lower Upper

95 100

174 93.4 0.0 183.4

176 89.7 0.0 173.8

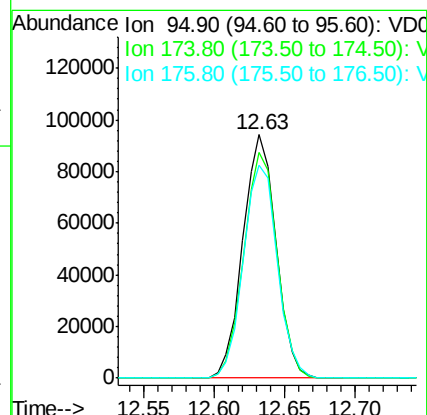
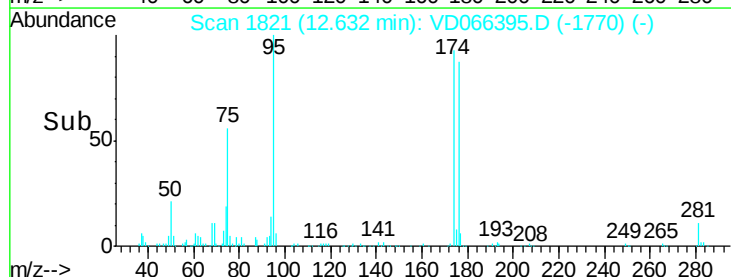


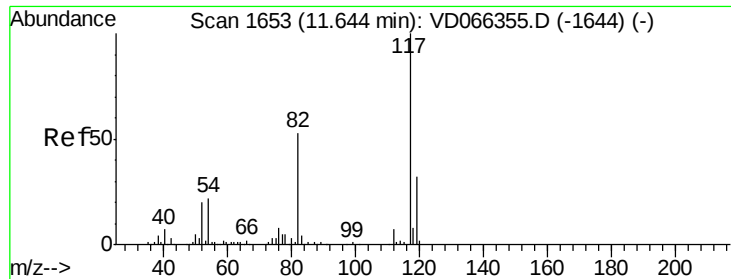
Abundance Ion 94.90 (94.60 to 95.60): VD066355.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066355.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066355.D (-1813) (-)

12.63

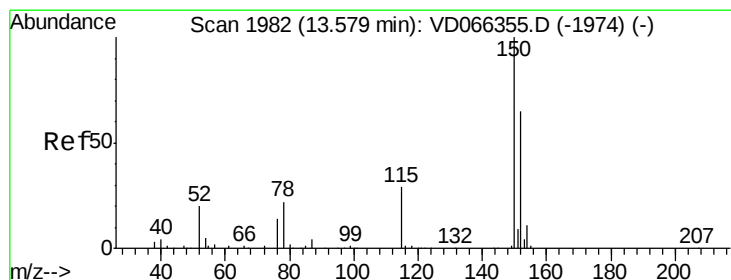
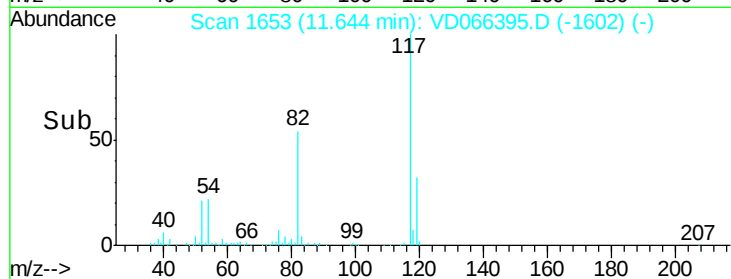
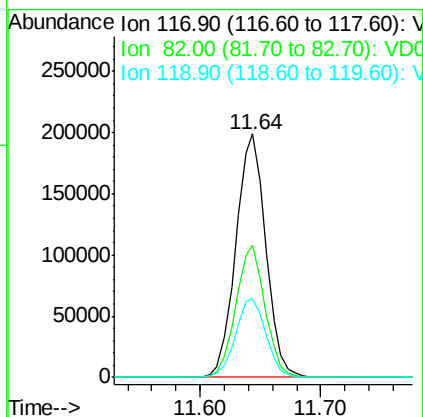
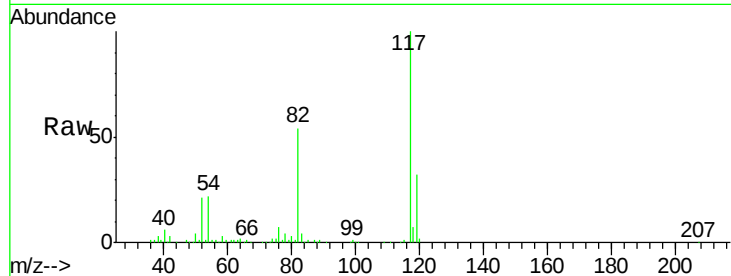




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066395.D
Acq: 25 Aug 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.8	64.2
119	32.4	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: VD066395.D
Acq: 25 Aug 2020 11:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.3	85.0
150	157.9	0.0	343.2

