

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066423.D
 Acq On : 26 Aug 2020 16:27
 Operator : VA/SY
 Sample : L3793-22
 Misc : 6.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8

Quant Time: Aug 27 08:29:50 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	7.98	168	198362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	285617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	264461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	139212	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	110608	56.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.76%	
35) Dibromofluoromethane	7.91	113	90953	50.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.86%	
50) Toluene-d8	10.34	98	340653	52.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.63	95	116168	50.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.20%	

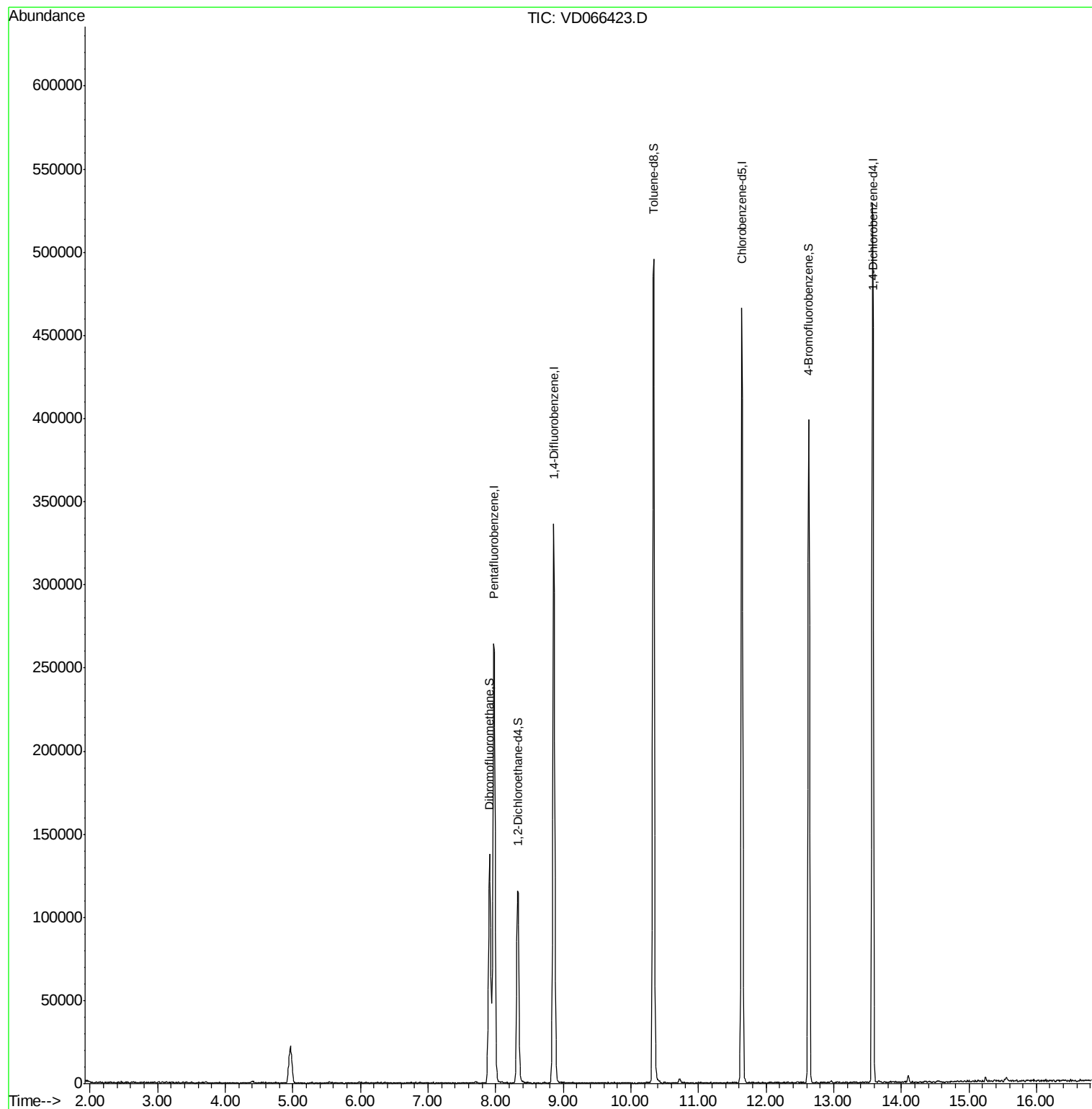
Target Compounds	Qvalue

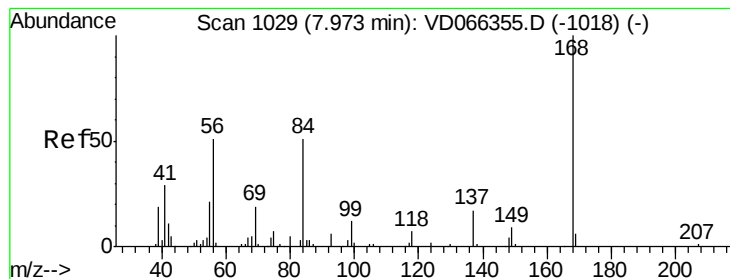
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066423.D

Acq: 26 Aug 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

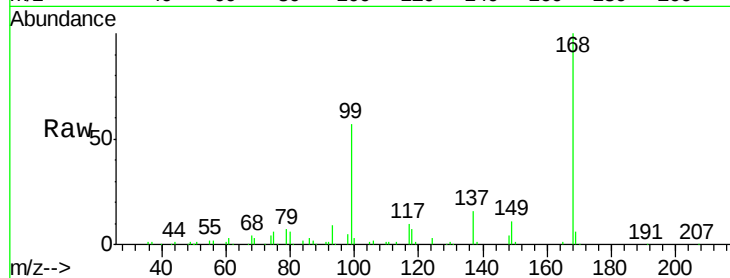
TP-8

Tot Ion:168 Resp: 198362

Ion Ratio Lower Upper

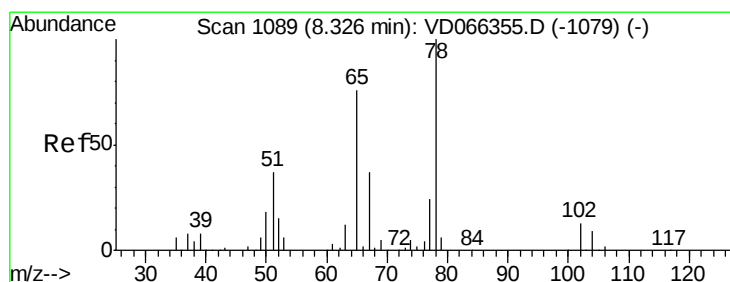
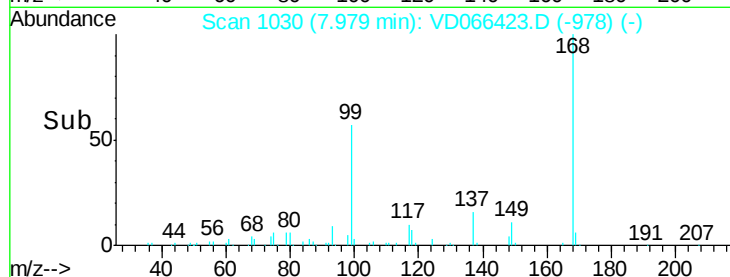
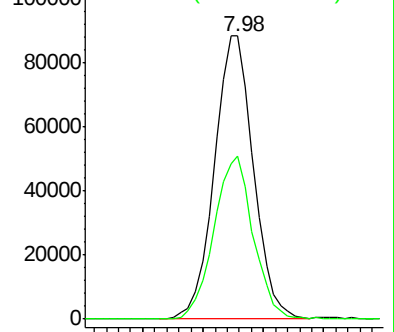
168 100

99 57.5 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: 56.876 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066423.D

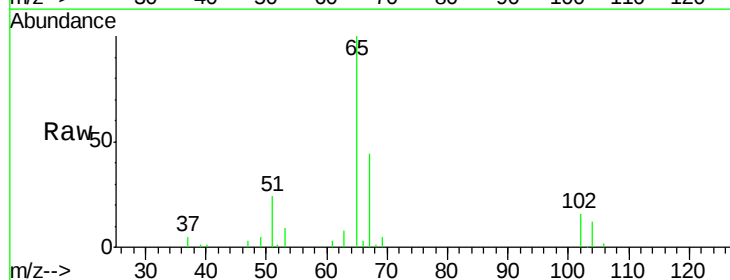
Acq: 26 Aug 2020 16:27

Tgt Ion: 65 Resp: 110608

Ion Ratio Lower Upper

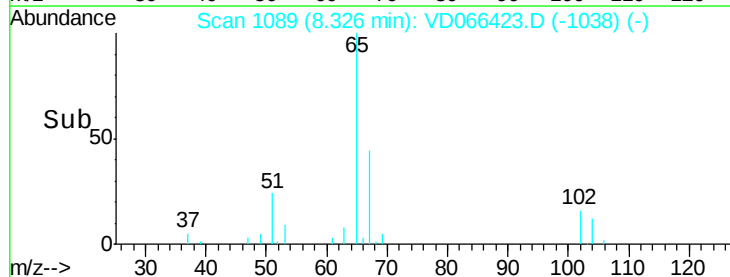
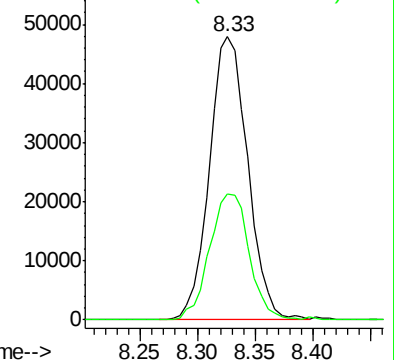
65 100

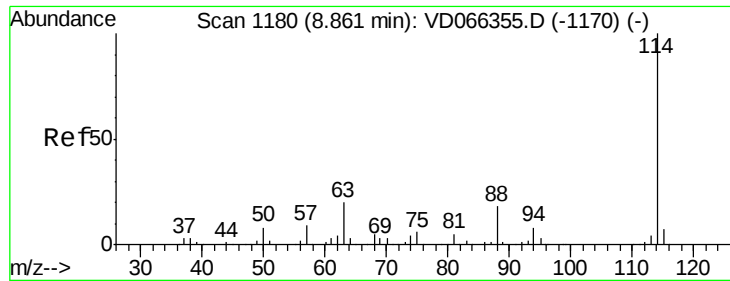
67 45.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

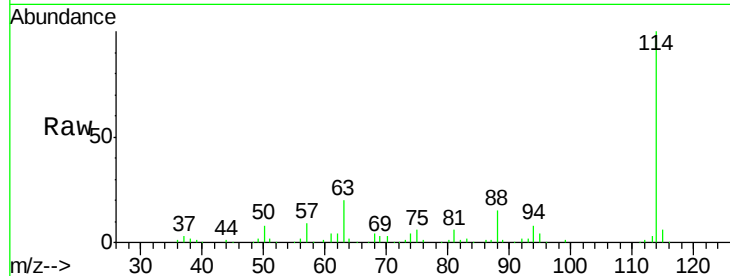




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066423.D
 Acq: 26 Aug 2020 16:27

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8

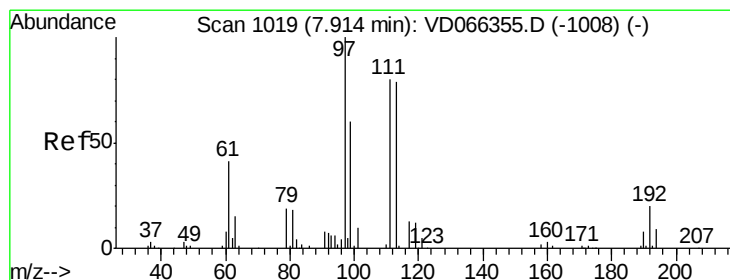
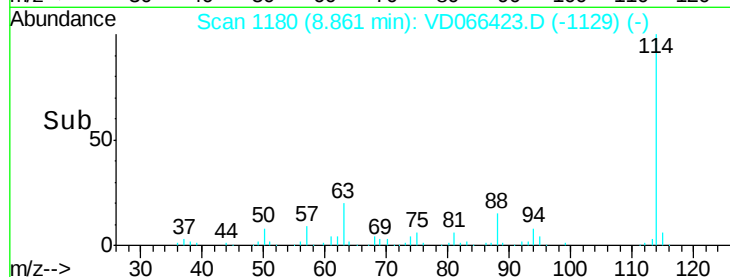
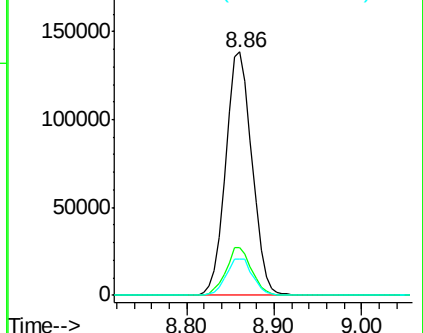
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	15.1	0.0	35.4



Abundance Ion 113.90 (113.60 to 114.60): V

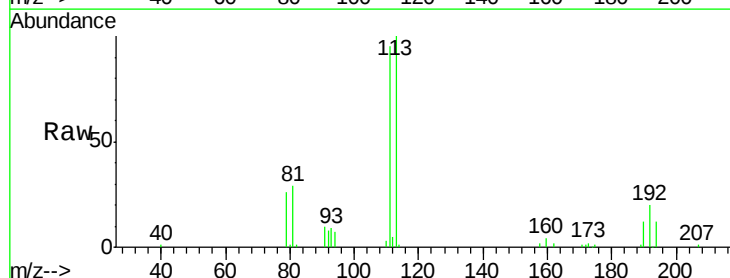
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 50.926 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066423.D
 Acq: 26 Aug 2020 16:27

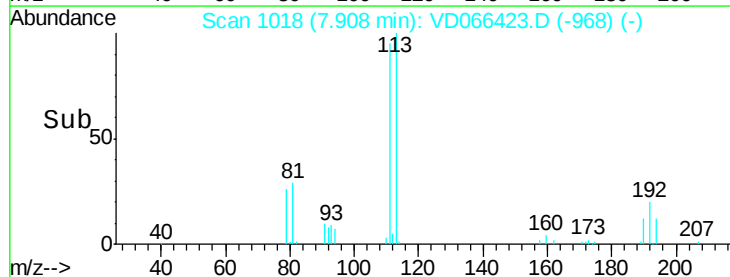
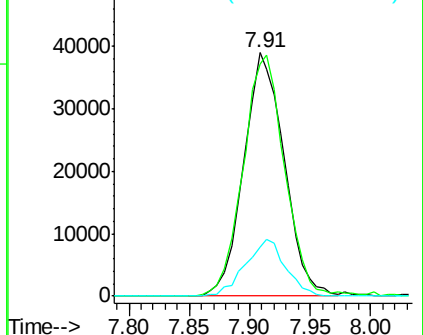
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.3	120.5
192	23.0	19.0	28.6

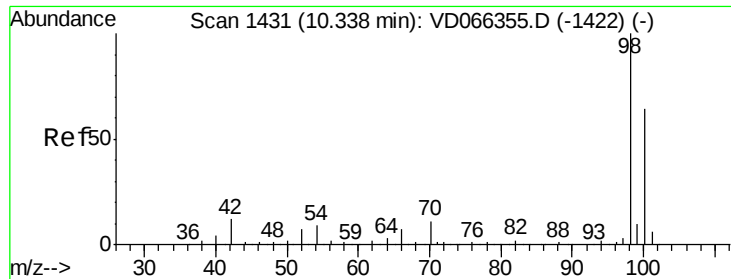


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.130 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066423.D

Acq: 26 Aug 2020 16:27

Instrument :

MSVOA_D

ClientSampleId :

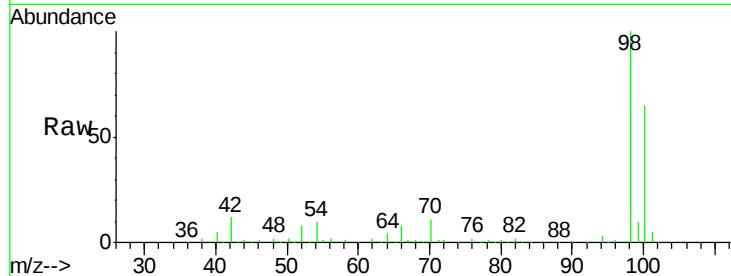
TP-8

Tot Ion: 98 Resp: 340653

Ion Ratio Lower Upper

98 100

100 63.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

200000

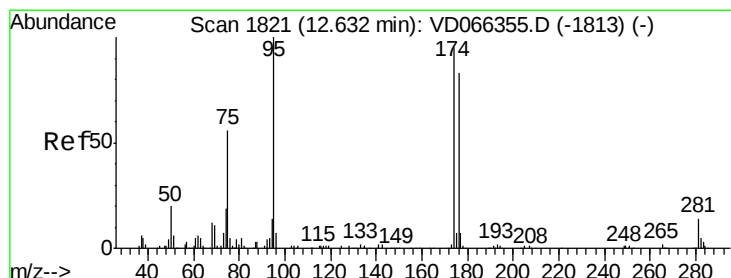
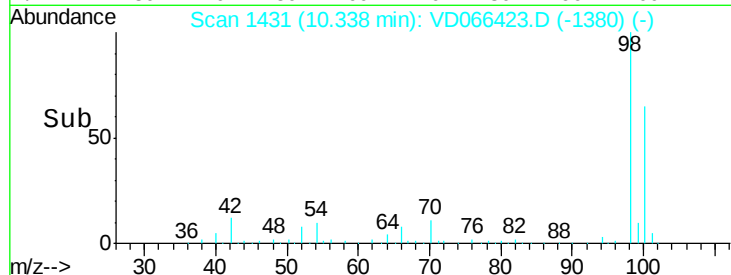
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 50.099 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066423.D

Acq: 26 Aug 2020 16:27

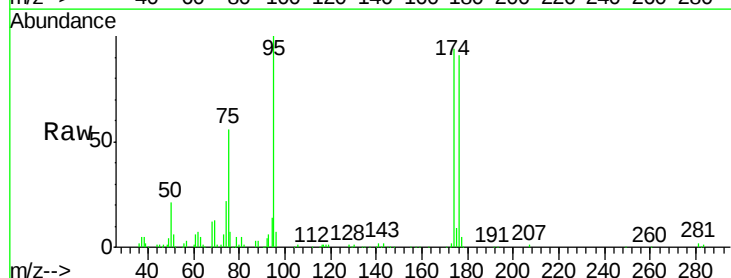
Tgt Ion: 95 Resp: 116168

Ion Ratio Lower Upper

95 100

174 97.5 0.0 183.4

176 93.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.63

80000

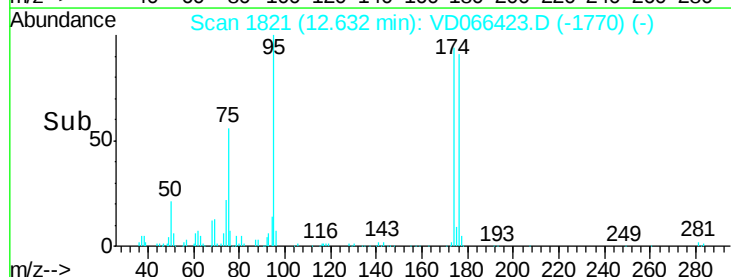
60000

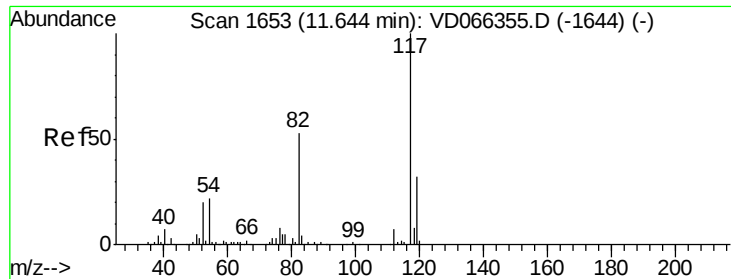
40000

20000

0

Time--> 12.55 12.60 12.65 12.70

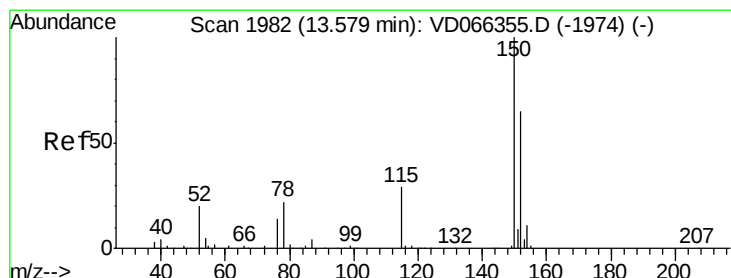
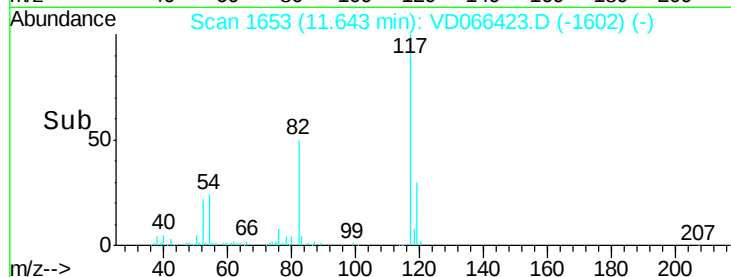
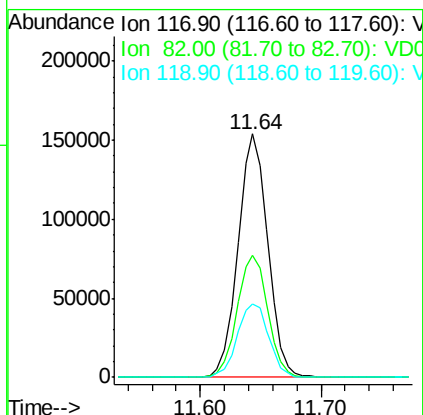
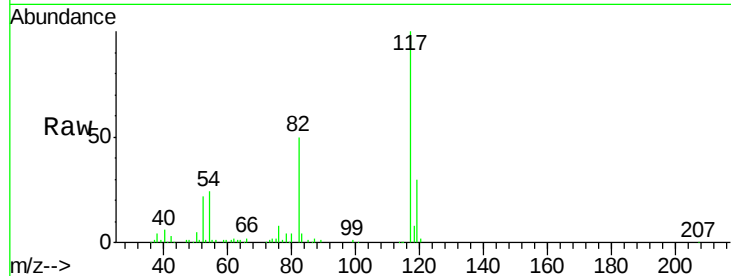




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066423.D
Acq: 26 Aug 2020 16:27

Instrument :
MSVOA_D
ClientSampleId :
TP-8

Tot Ion:117 Resp: 264461
Ion Ratio Lower Upper
117 100
82 50.2 42.8 64.2
119 30.4 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: VD066423.D
Acq: 26 Aug 2020 16:27

Tgt Ion:152 Resp: 139212
Ion Ratio Lower Upper
152 100
115 57.2 28.3 85.0
150 158.0 0.0 343.2

