

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079720.D
 Acq On : 13 Aug 2024 16:37
 Operator : RP/MD
 Sample : P3474-03
 Misc : 6.79G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-A1-GRAB

Quant Time: Aug 14 05:52:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

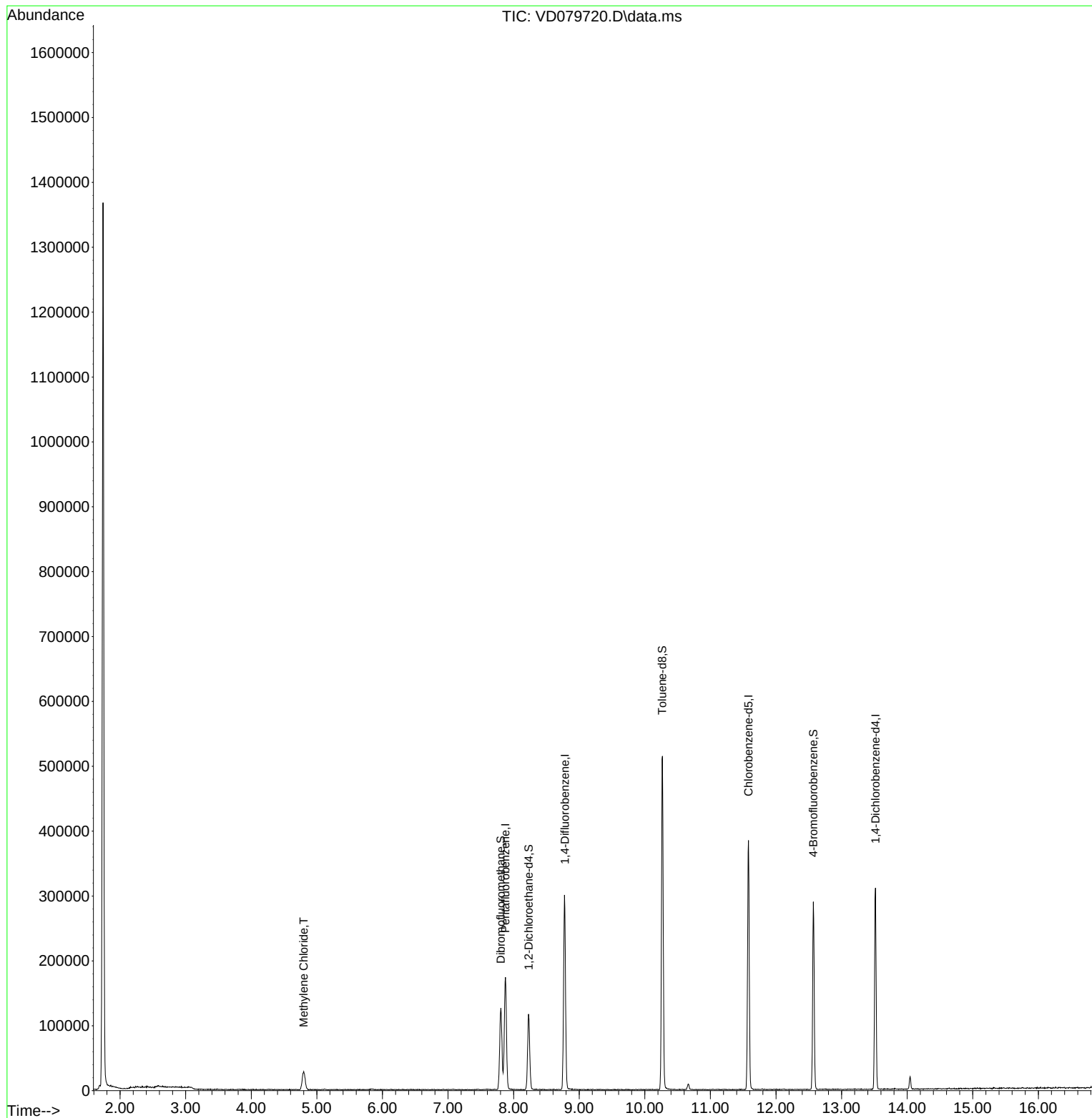
Internal Standards						
1) Pentafluorobenzene	7.875	168	130281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	268097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	227216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	83096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88427	58.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.000%
35) Dibromofluoromethane	7.805	113	92070	55.706	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.420%
50) Toluene-d8	10.263	98	371746	53.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.640%
62) 4-Bromofluorobenzene	12.569	95	84922	43.907	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.820%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.799	84	22128	5.604	ug/l	# 80

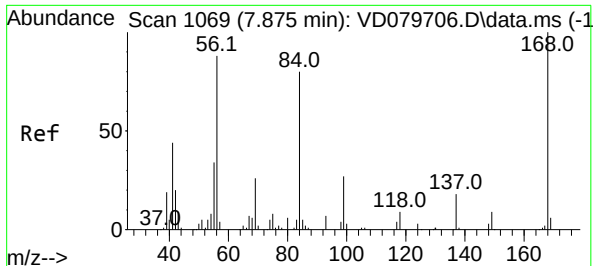
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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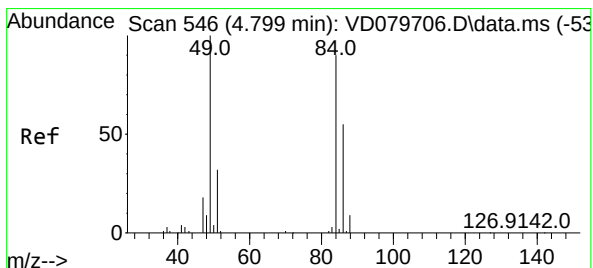
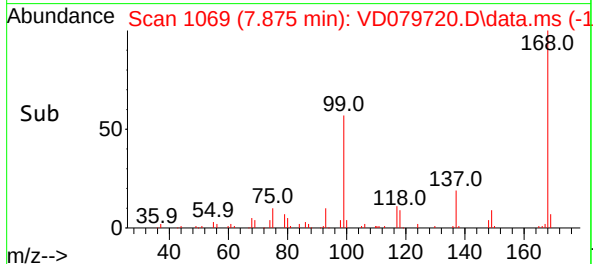
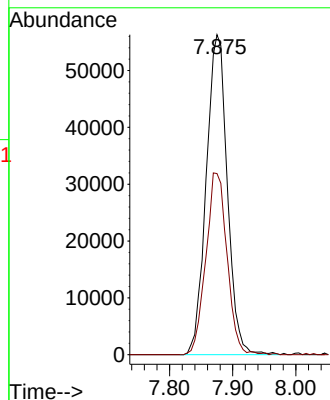
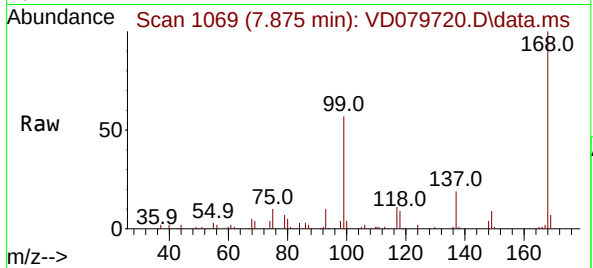




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079720.D
Acq: 13 Aug 2024 16:37

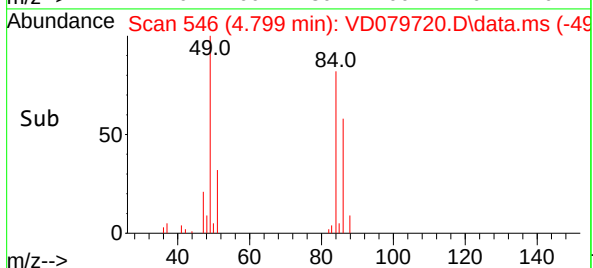
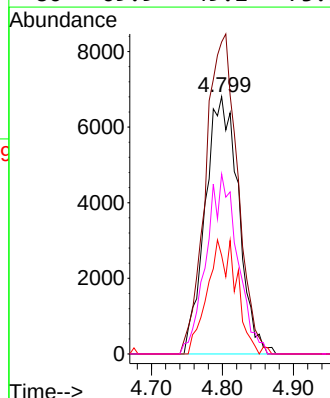
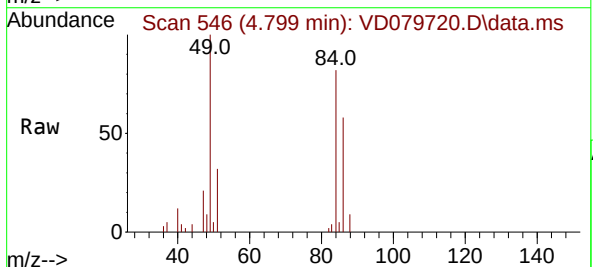
Instrument :
MSVOA_D
ClientSampleId :
WC-A1-GRAB

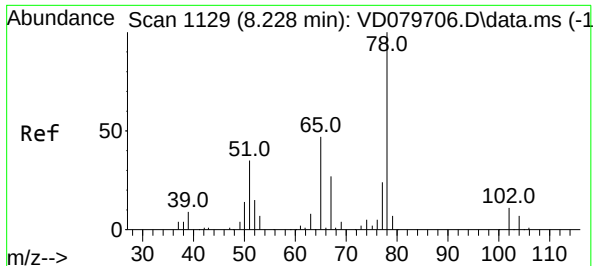
Tgt Ion:168 Resp: 130281
Ion Ratio Lower Upper
168 100
99 56.6 41.1 61.7



#20
Methylene Chloride
Concen: 5.604 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079720.D
Acq: 13 Aug 2024 16:37

Tgt Ion: 84 Resp: 22128
Ion Ratio Lower Upper
84 100
49 121.3 75.6 113.4#
51 38.2 24.2 36.2#
86 69.9 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 58.996 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079720.D

Acq: 13 Aug 2024 16:37

Instrument :

MSVOA_D

ClientSampleId :

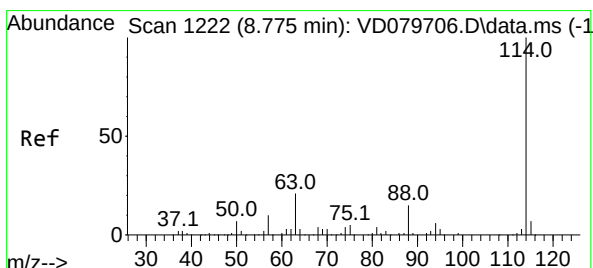
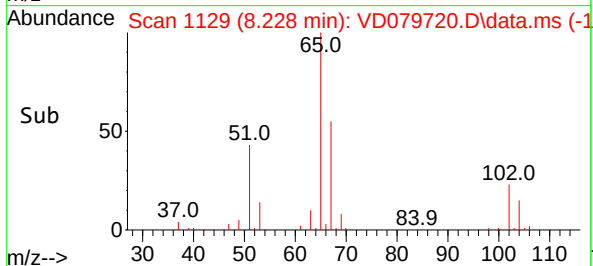
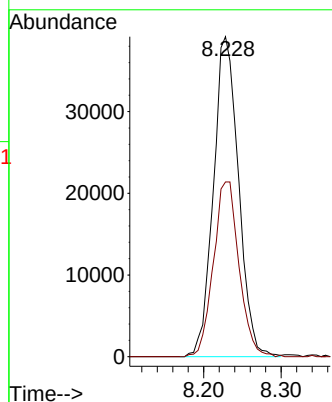
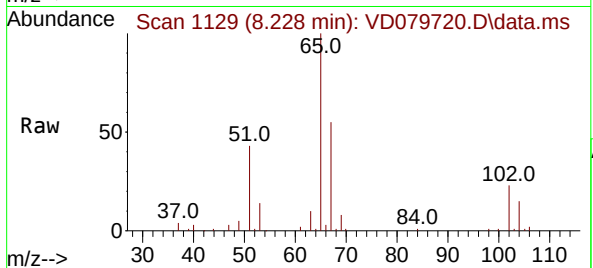
WC-A1-GRAB

Tgt Ion: 65 Resp: 88427

Ion Ratio Lower Upper

65 100

67 55.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079720.D

Acq: 13 Aug 2024 16:37

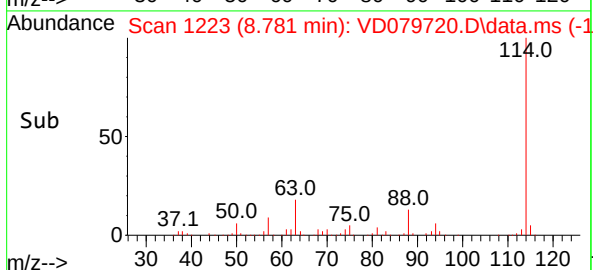
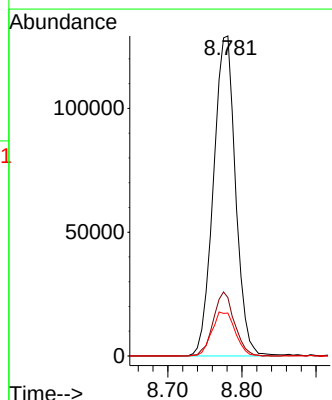
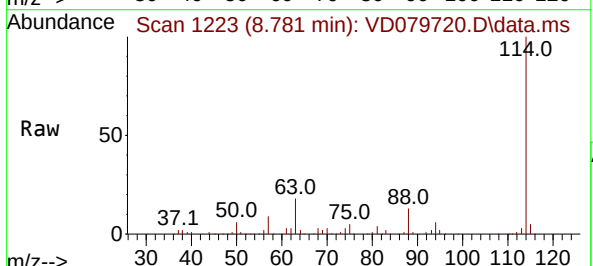
Tgt Ion: 114 Resp: 268097

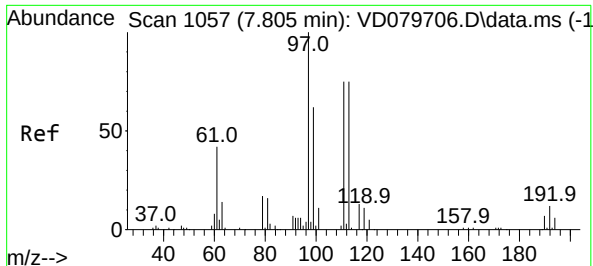
Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 13.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.706 ug/l

RT: 7.805 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079720.D

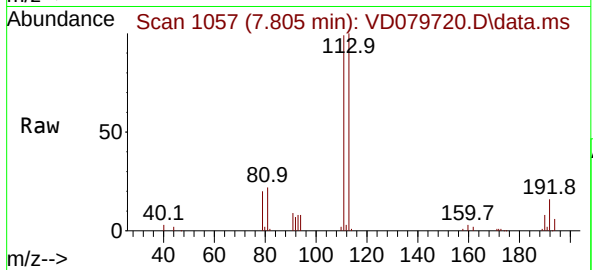
Acq: 13 Aug 2024 16:37

Instrument :

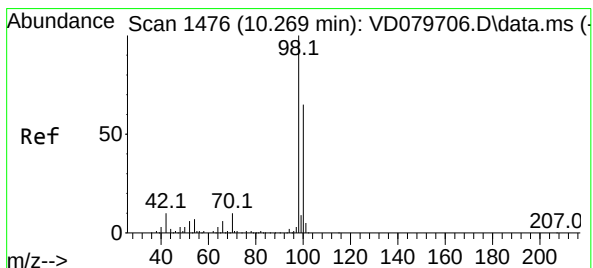
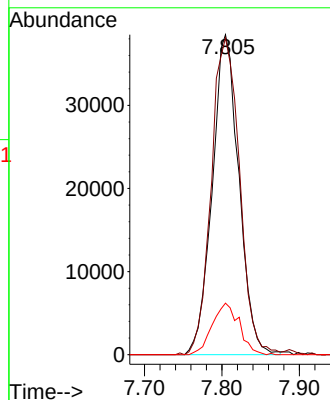
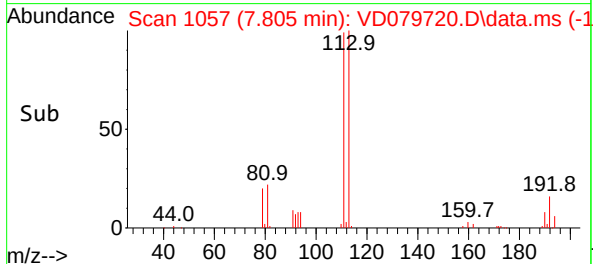
MSVOA_D

ClientSampleId :

WC-A1-GRAB



Tgt Ion:	113	Resp:	92070
Ion	Ratio	Lower	Upper
113	100		
111	105.0	84.0	126.0
192	16.4	15.4	23.0



#50

Toluene-d8

Concen: 53.816 ug/l

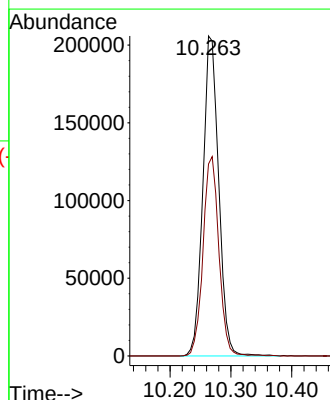
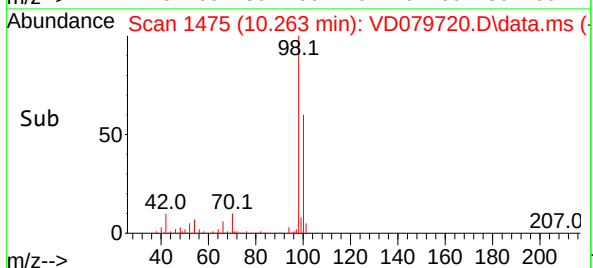
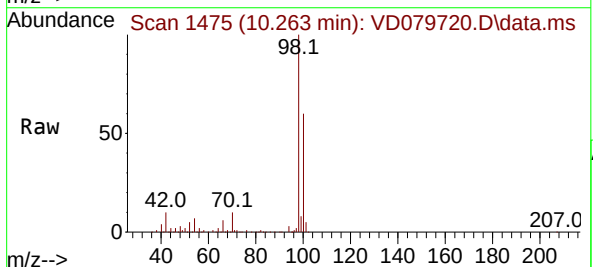
RT: 10.263 min Scan# 1475

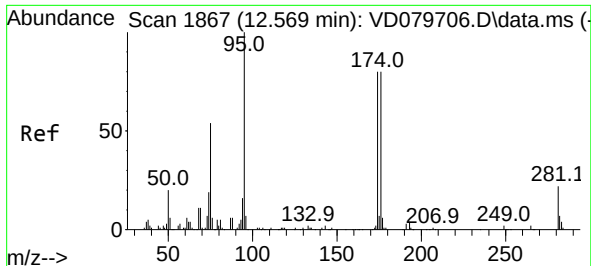
Delta R.T. -0.006 min

Lab File: VD079720.D

Acq: 13 Aug 2024 16:37

Tgt Ion:	98	Resp:	371746
Ion	Ratio	Lower	Upper
98	100		
100	62.3	51.6	77.4

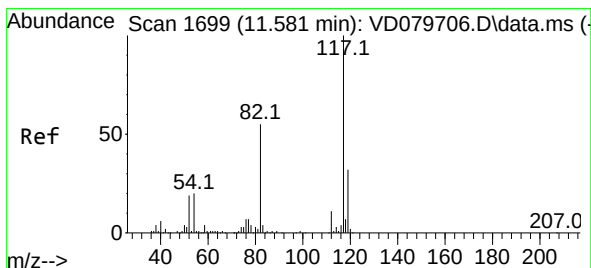
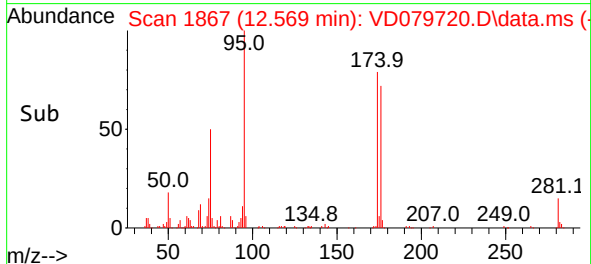
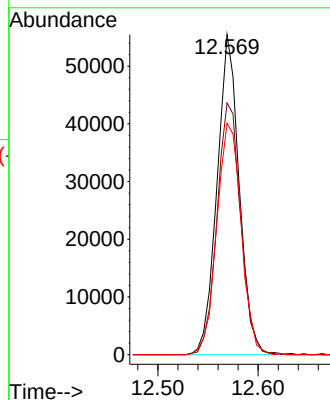
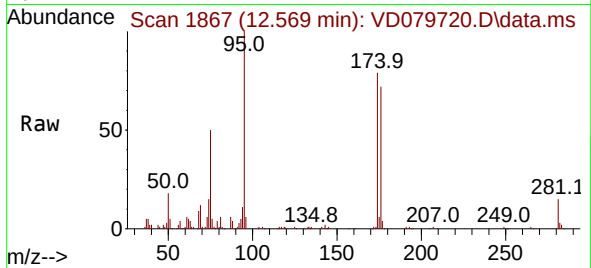




#62
4-Bromofluorobenzene
Concen: 43.907 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079720.D
Acq: 13 Aug 2024 16:37

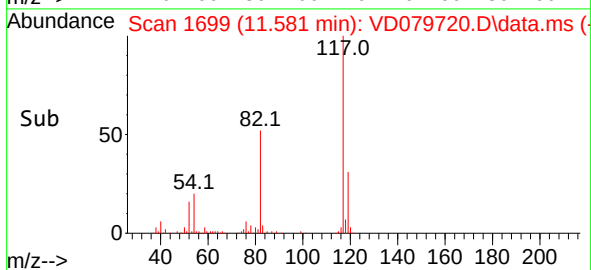
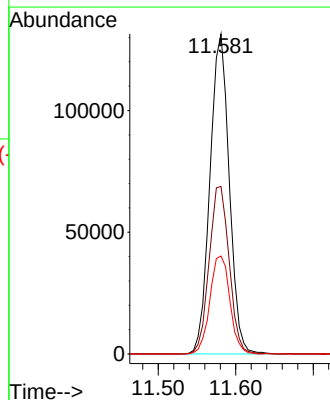
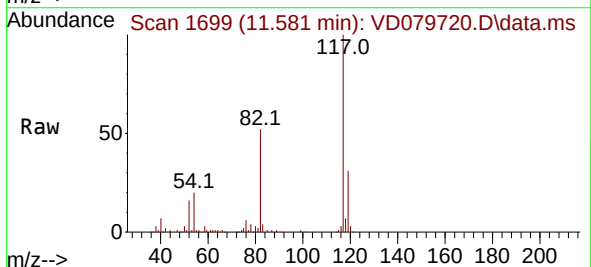
Instrument :
MSVOA_D
ClientSampleId :
WC-A1-GRAB

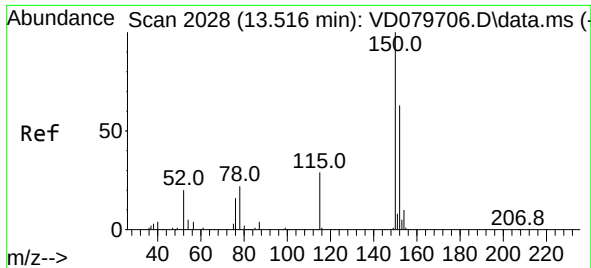
Tgt Ion:	95	Resp:	84922
Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	195.4
176	80.0	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079720.D
Acq: 13 Aug 2024 16:37

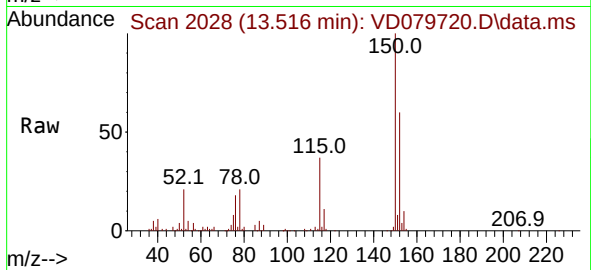
Tgt Ion:	117	Resp:	227216
Ion	Ratio	Lower	Upper
117	100		
82	52.3	39.8	59.6
119	30.6	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079720.D
 Acq: 13 Aug 2024 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-A1-GRAB



Tgt Ion:	152	Resp:	83096
Ion Ratio	Lower	Upper	
152	100		
115	59.3	26.5	79.5
150	160.6	0.0	341.6

