

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090424\
 Data File : VD079773.D
 Acq On : 04 Sep 2024 15:00
 Operator : RP/MD
 Sample : P3813-01RE
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-083024RE

Quant Time: Sep 04 15:53:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

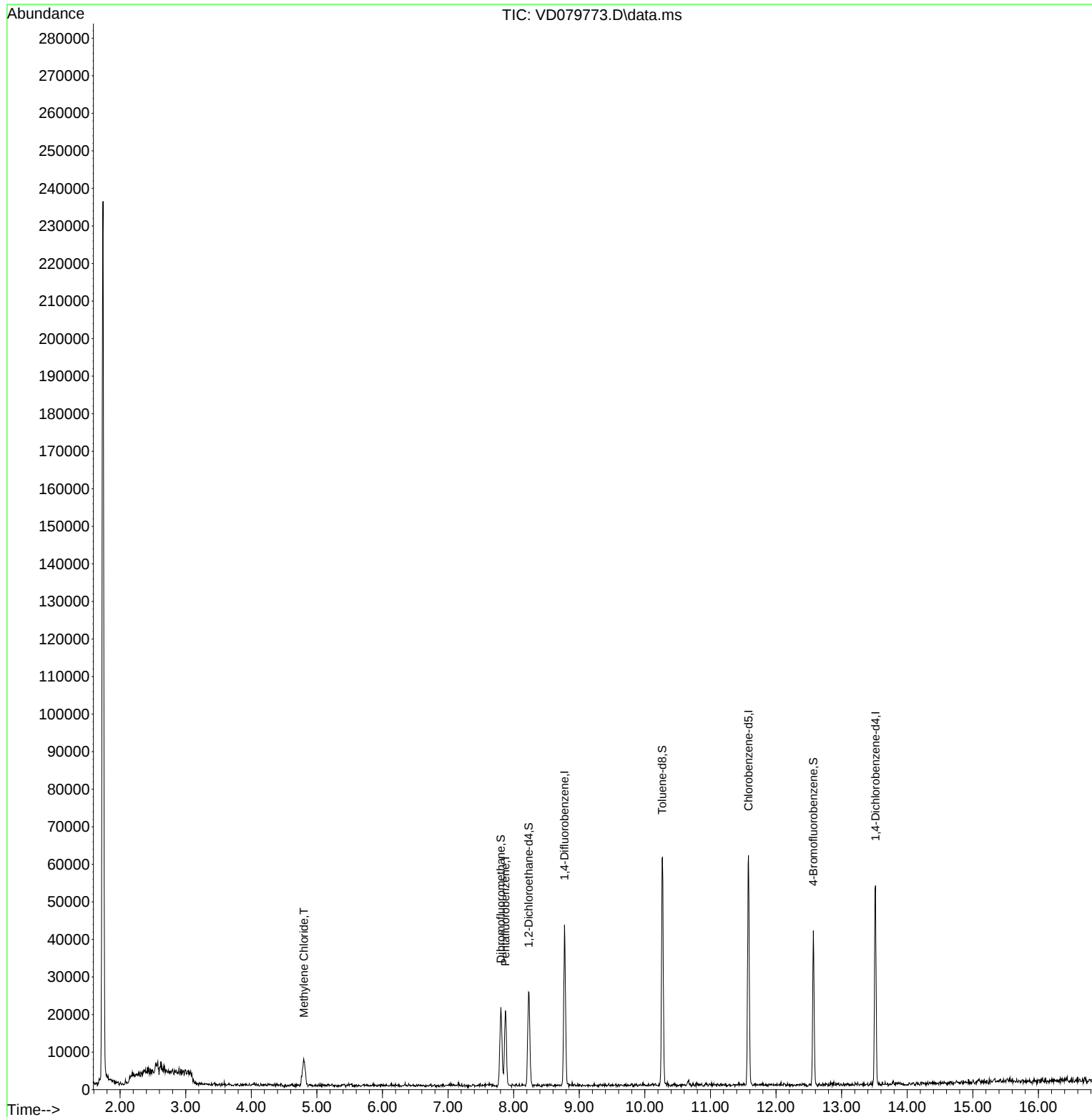
Internal Standards						
1) Pentafluorobenzene	7.875	168	14324	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	34355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	34894	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	14060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	20171	103.279	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 206.560%#	
35) Dibromofluoromethane	7.804	113	14866	66.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.140%	
50) Toluene-d8	10.263	98	43587	45.512	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.020%	
62) 4-Bromofluorobenzene	12.569	95	12314	45.953	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.900%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	5055	19.123	ug/l	# 84

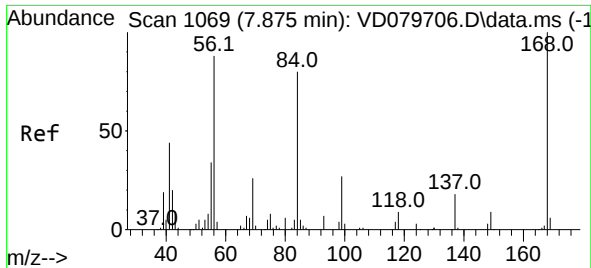
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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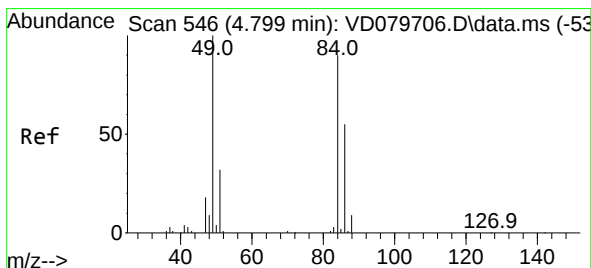
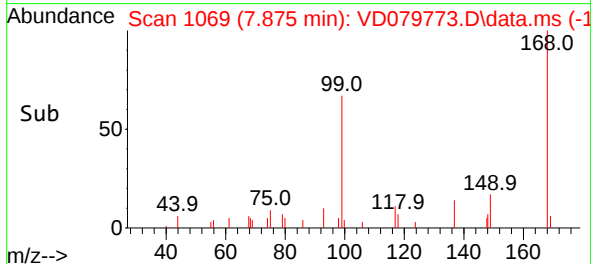
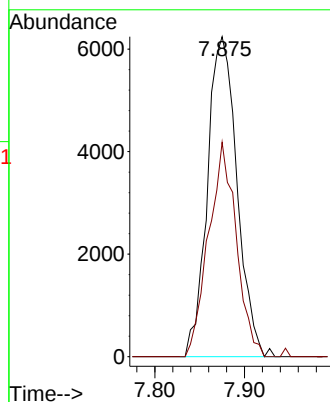
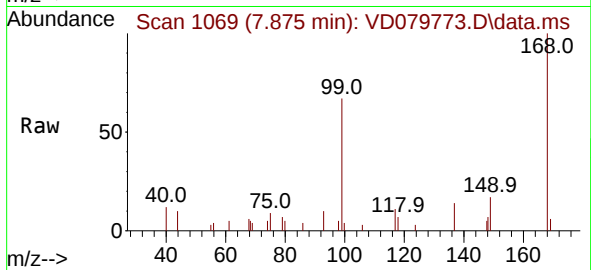




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

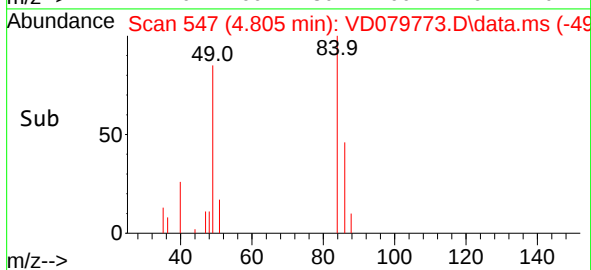
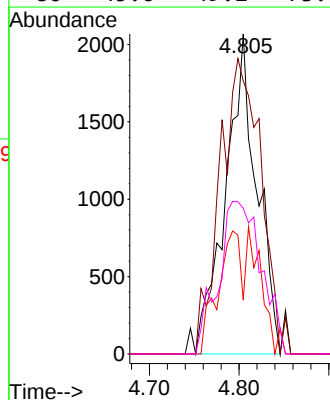
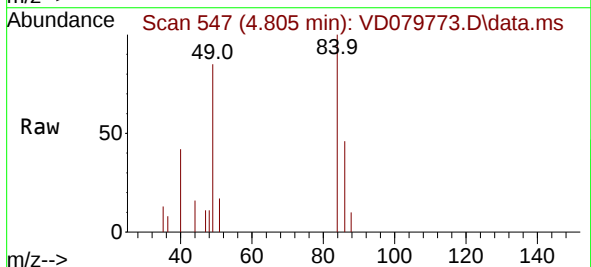
Instrument :
MSVOA_D
ClientSampleId :
TR-04-083024RE

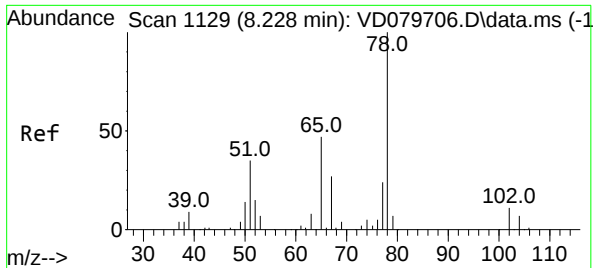
Tgt Ion:168 Resp: 14324
Ion Ratio Lower Upper
168 100
99 67.0 41.1 61.7#



#20
Methylene Chloride
Concen: 19.123 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

Tgt Ion: 84 Resp: 5055
Ion Ratio Lower Upper
84 100
49 85.3 75.6 113.4
51 16.8 24.2 36.2#
86 45.6 49.2 73.8#





#33

1,2-Dichloroethane-d4

Concen: 103.279 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079773.D

Acq: 04 Sep 2024 15:00

Instrument :

MSVOA_D

ClientSampleId :

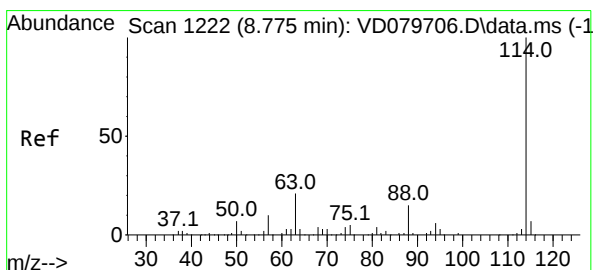
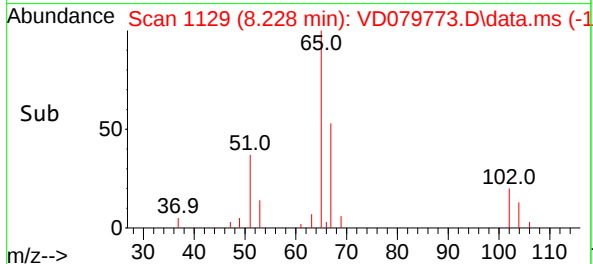
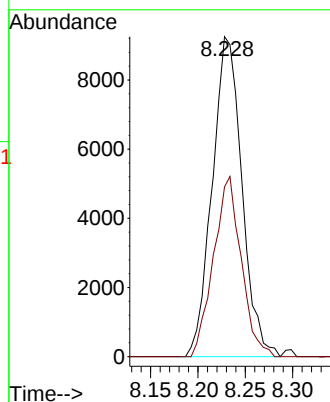
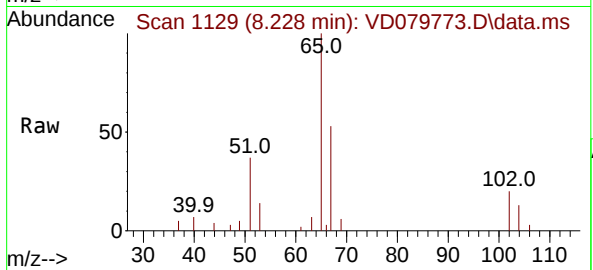
TR-04-083024RE

Tgt Ion: 65 Resp: 20171

Ion Ratio Lower Upper

65 100

67 52.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079773.D

Acq: 04 Sep 2024 15:00

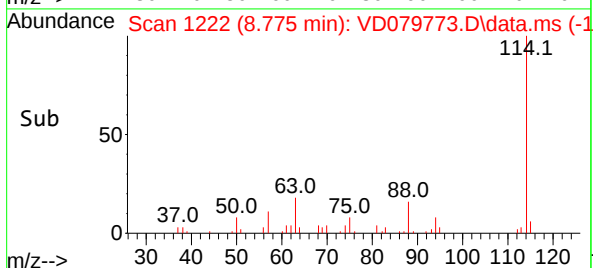
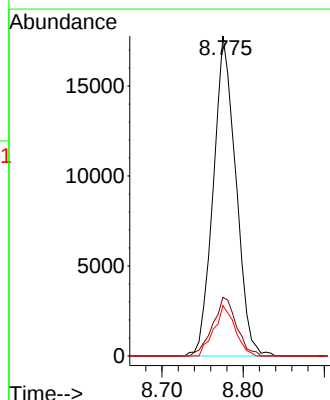
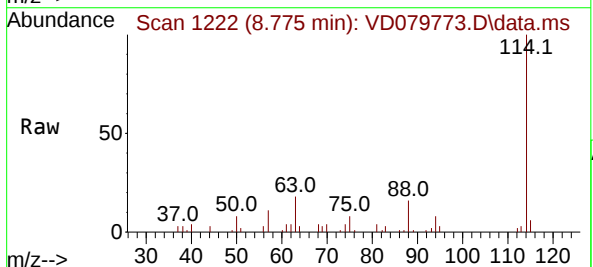
Tgt Ion: 114 Resp: 34355

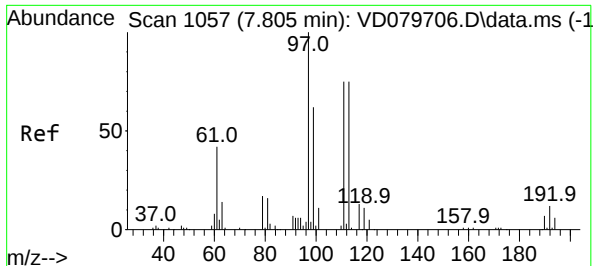
Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 15.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 66.572 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD079773.D

Acq: 04 Sep 2024 15:00

Instrument :

MSVOA_D

ClientSampleId :

TR-04-083024RE

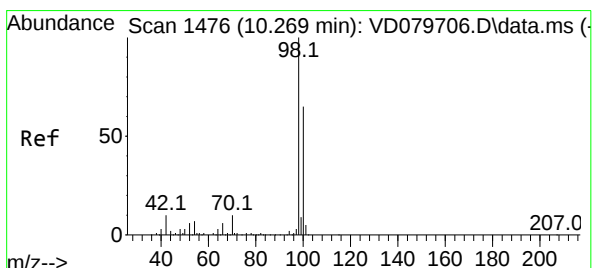
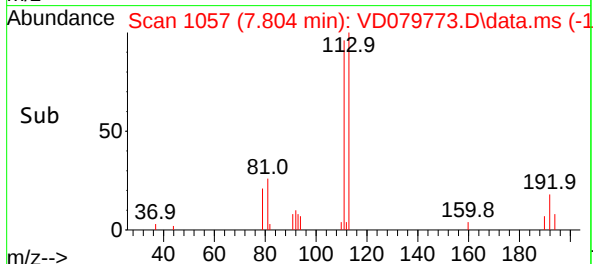
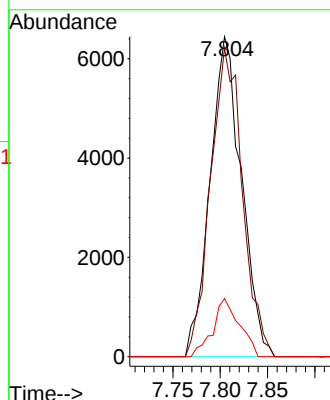
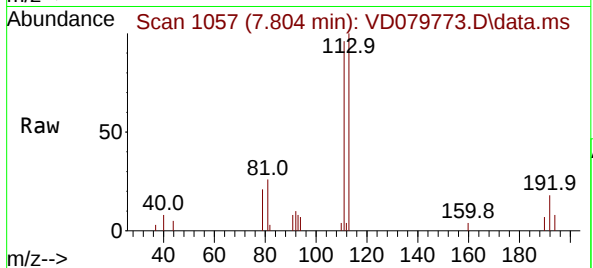
Tgt Ion:113 Resp: 14866

Ion Ratio Lower Upper

113 100

111 97.8 84.0 126.0

192 15.4 15.4 23.0



#50

Toluene-d8

Concen: 45.512 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD079773.D

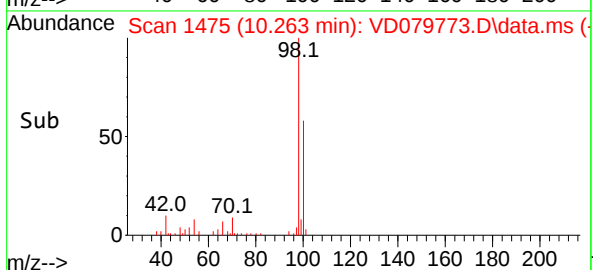
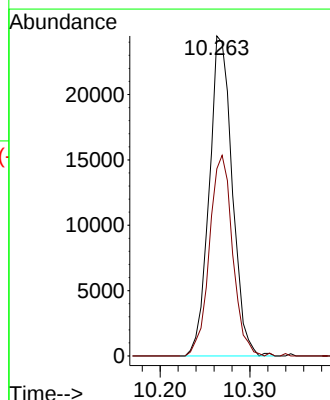
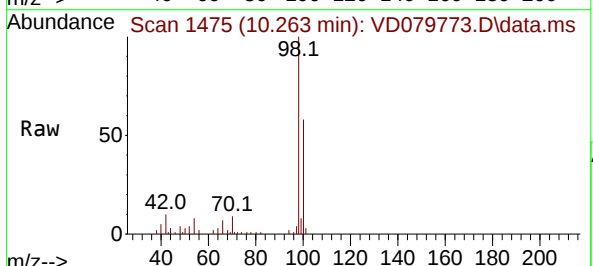
Acq: 04 Sep 2024 15:00

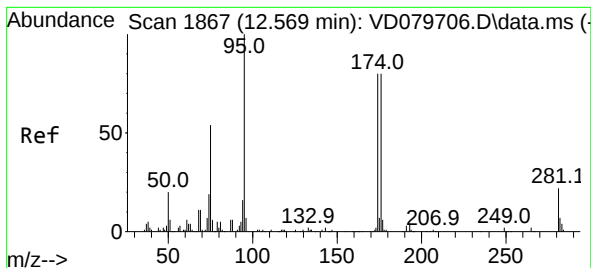
Tgt Ion: 98 Resp: 43587

Ion Ratio Lower Upper

98 100

100 63.0 51.6 77.4

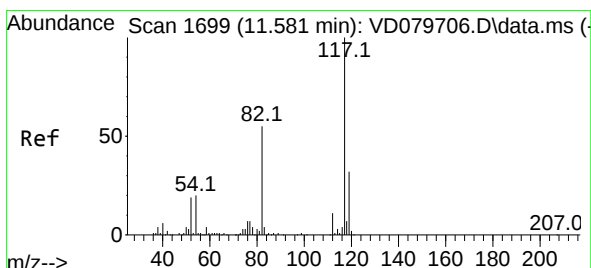
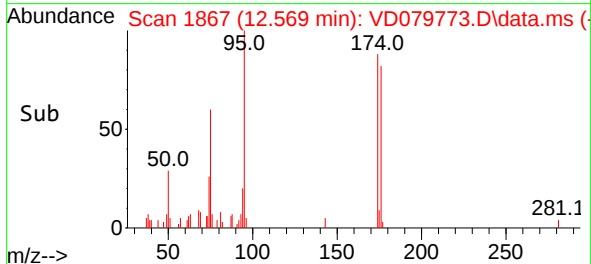
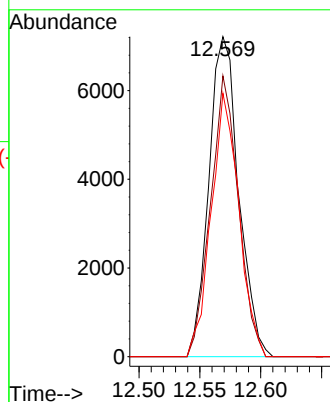
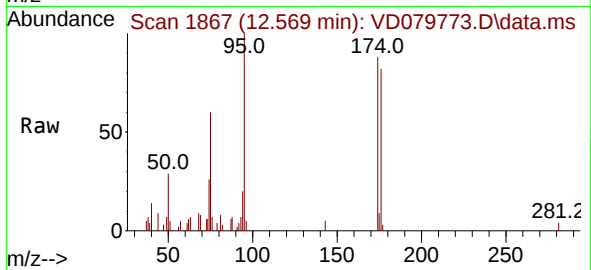




#62
4-Bromofluorobenzene
Concen: 45.953 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

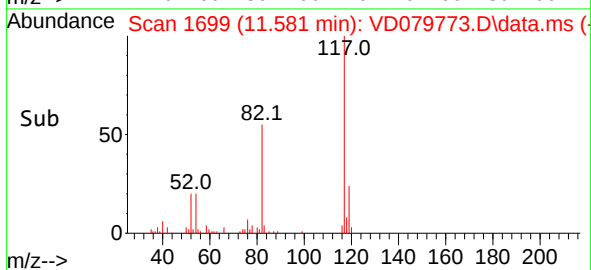
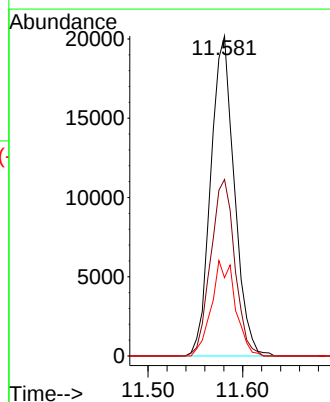
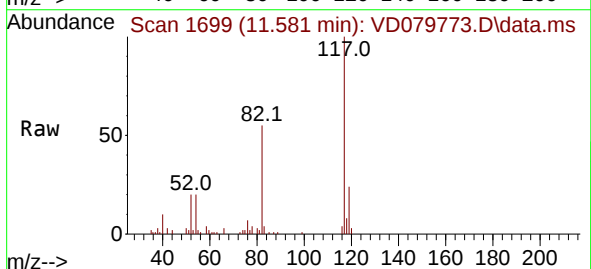
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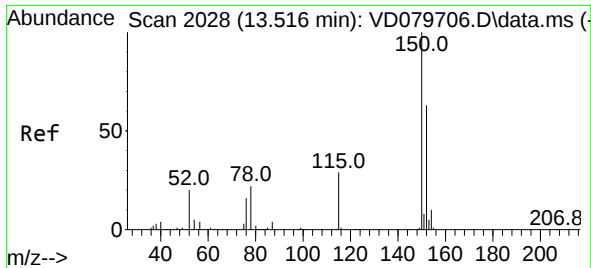
Tgt Ion: 95 Resp: 12314
Ion Ratio Lower Upper
95 100
174 81.7 0.0 195.4
176 76.6 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

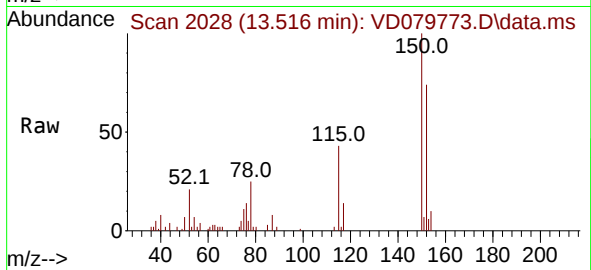
Tgt Ion: 117 Resp: 34894
Ion Ratio Lower Upper
117 100
82 55.1 39.8 59.6
119 24.5 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079773.D
 Acq: 04 Sep 2024 15:00

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-083024RE



Tgt Ion:	152	Resp:	14060
Ion Ratio	Lower	Upper	
152	100		
115	62.0	26.5	79.5
150	161.8	0.0	341.6

