

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090424\
 Data File : VD079774.D
 Acq On : 04 Sep 2024 15:28
 Operator : RP/MD
 Sample : P3813-03
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-083024

Quant Time: Sep 04 15:53:24 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)

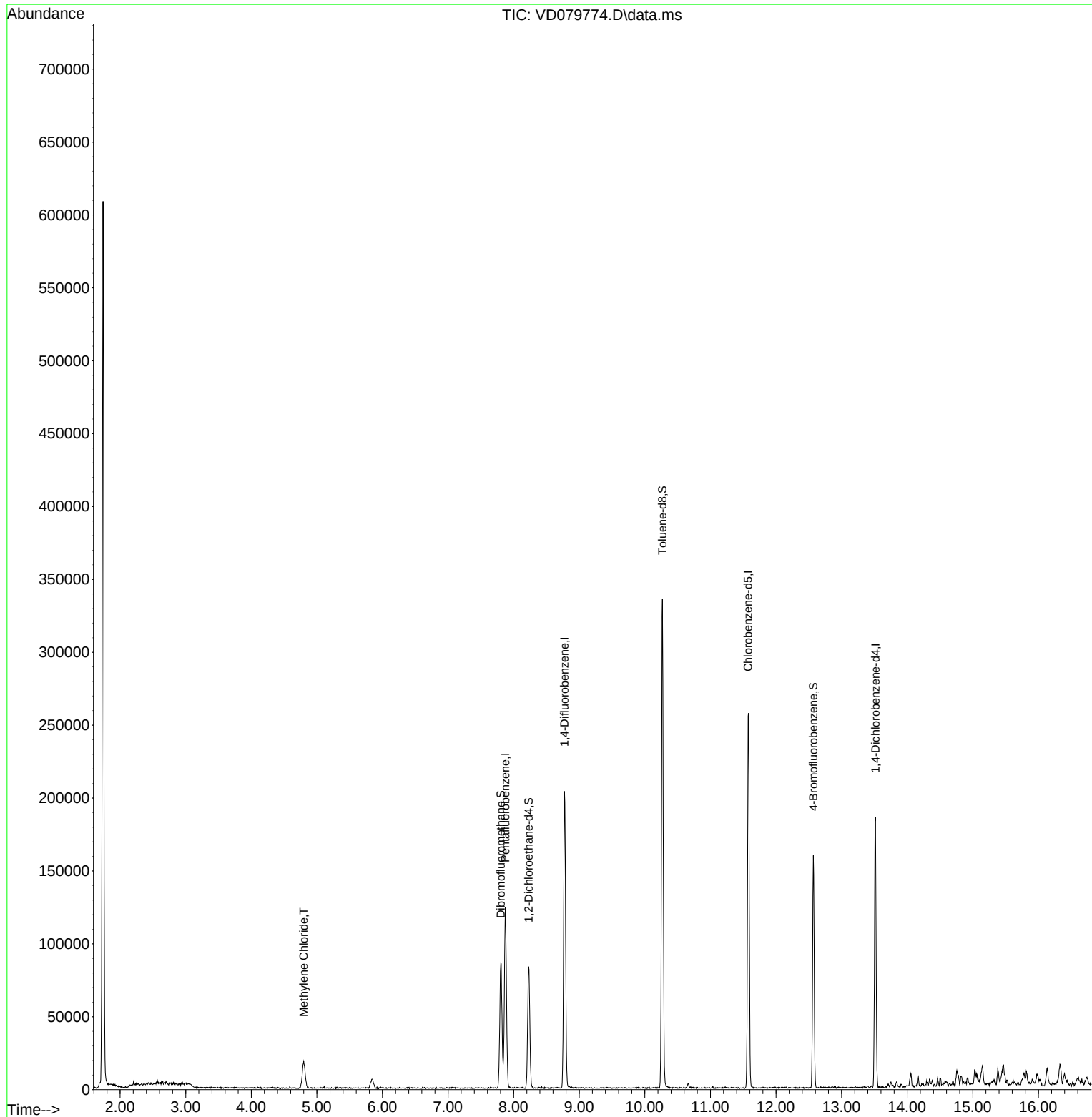
Internal Standards						
1) Pentafluorobenzene	7.875	168	83545	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	174731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	147952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	49620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66860	58.694	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	117.380%	
35) Dibromofluoromethane	7.804	113	62747	55.248	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	110.500%	
50) Toluene-d8	10.269	98	236645	48.583	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	97.160%	
62) 4-Bromofluorobenzene	12.569	95	49825	36.558	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	=	73.120%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.799	84	13818	7.522	ug/l	# 86

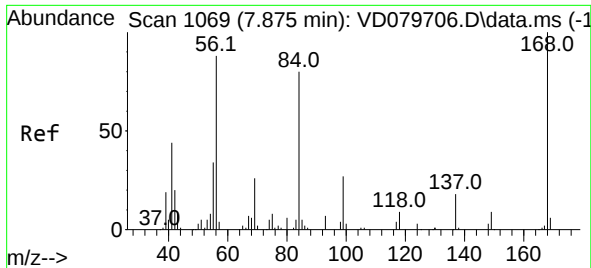
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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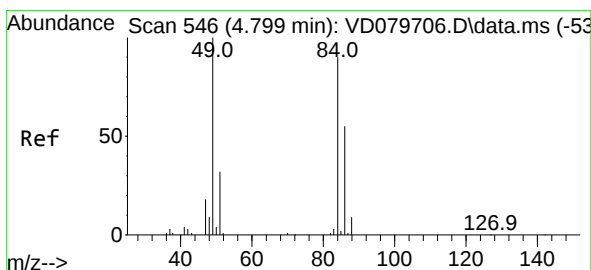
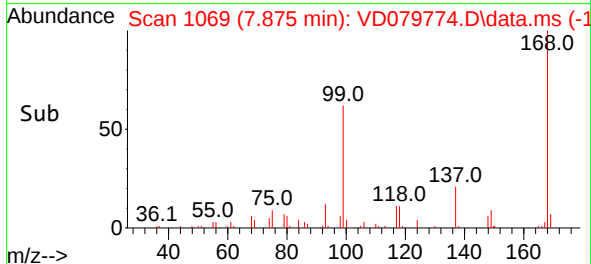
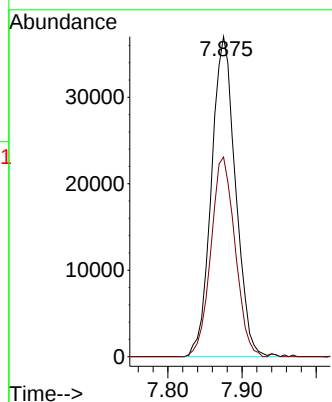
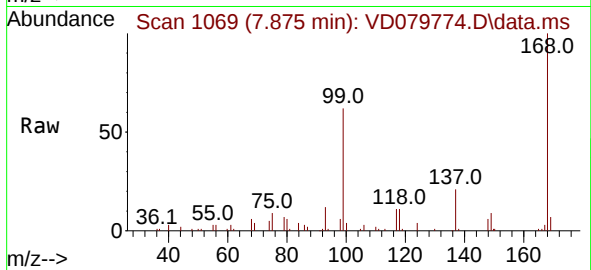




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

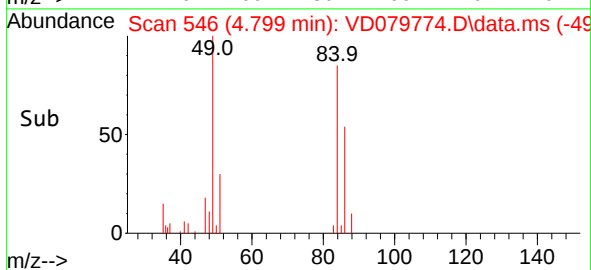
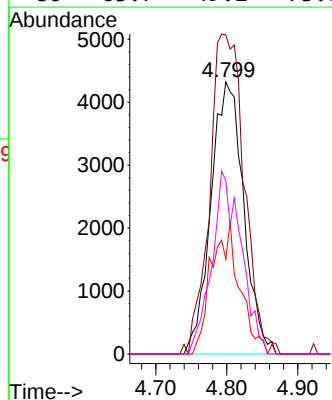
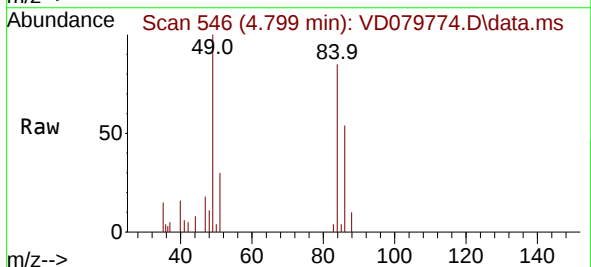
Instrument :
MSVOA_D
ClientSampleId :
TR-06-083024

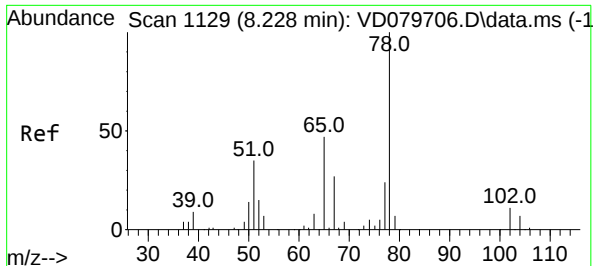
Tgt Ion:168 Resp: 83545
Ion Ratio Lower Upper
168 100
99 62.4 41.1 61.7#



#20
Methylene Chloride
Concen: 7.522 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

Tgt Ion: 84 Resp: 13818
Ion Ratio Lower Upper
84 100
49 117.3 75.6 113.4#
51 34.8 24.2 36.2
86 63.7 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 58.694 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079774.D

Acq: 04 Sep 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

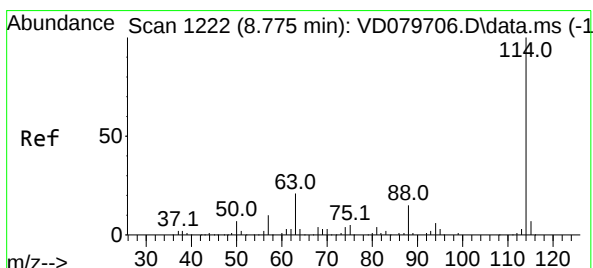
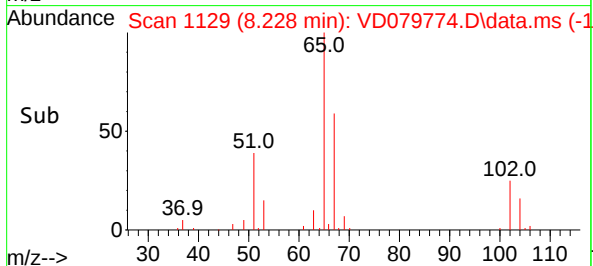
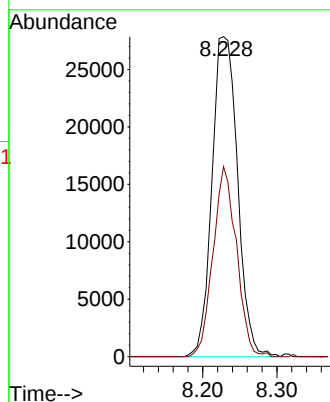
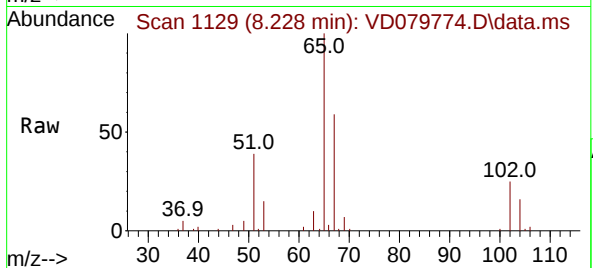
TR-06-083024

Tgt Ion: 65 Resp: 66860

Ion Ratio Lower Upper

65 100

67 54.3 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: VD079774.D

Acq: 04 Sep 2024 15:28

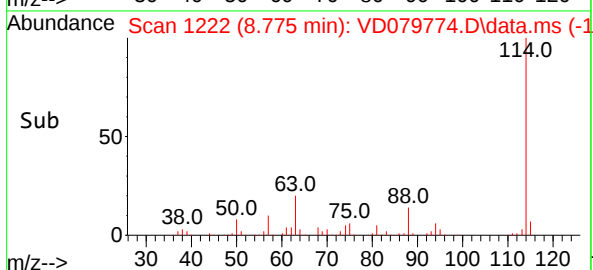
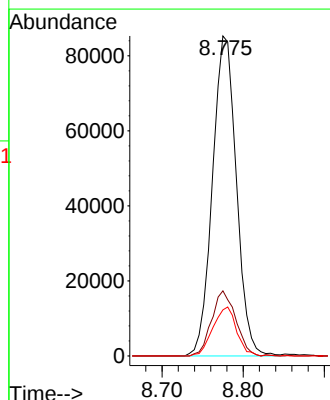
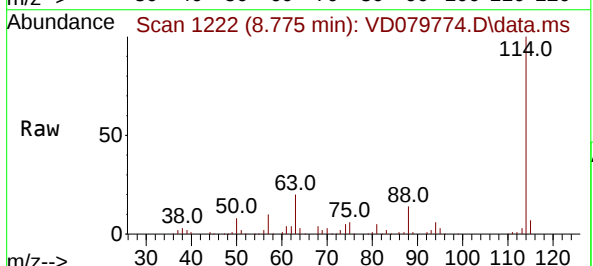
Tgt Ion: 114 Resp: 174731

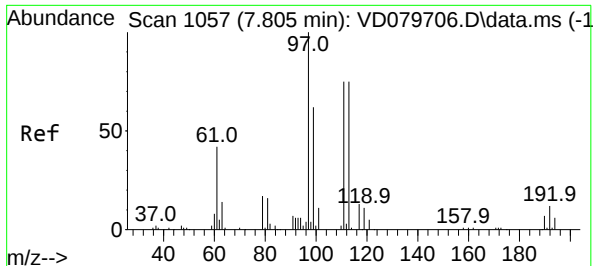
Ion Ratio Lower Upper

114 100

63 20.3 0.0 34.0

88 14.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.248 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD079774.D

Acq: 04 Sep 2024 15:28

Instrument :

MSVOA_D

ClientSampleId :

TR-06-083024

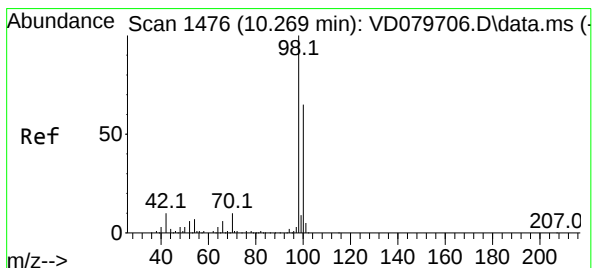
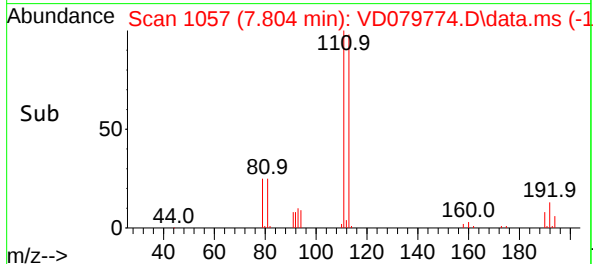
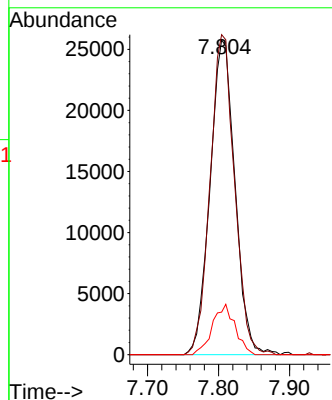
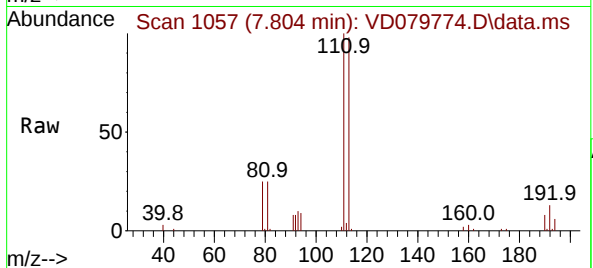
Tgt Ion:113 Resp: 62747

Ion Ratio Lower Upper

113 100

111 99.5 84.0 126.0

192 14.6 15.4 23.0#



#50

Toluene-d8

Concen: 48.583 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079774.D

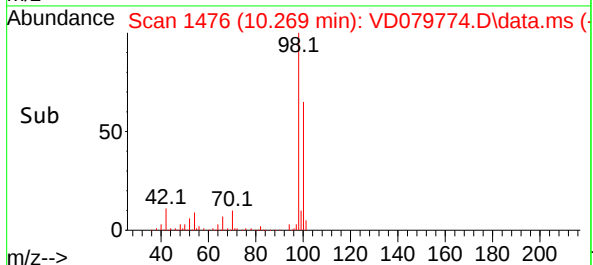
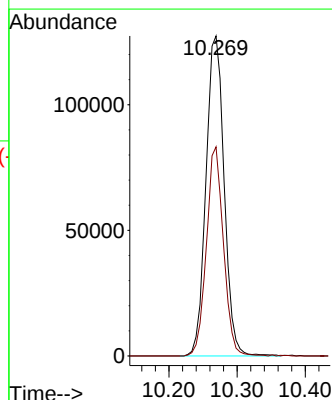
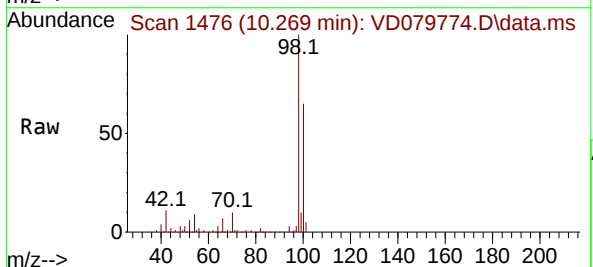
Acq: 04 Sep 2024 15:28

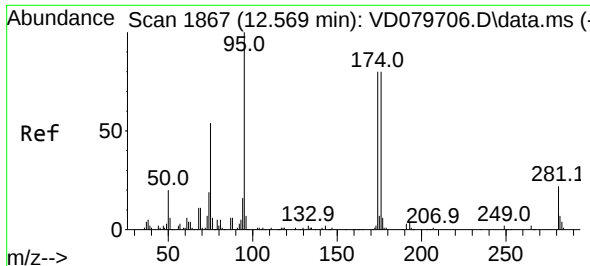
Tgt Ion: 98 Resp: 236645

Ion Ratio Lower Upper

98 100

100 61.2 51.6 77.4

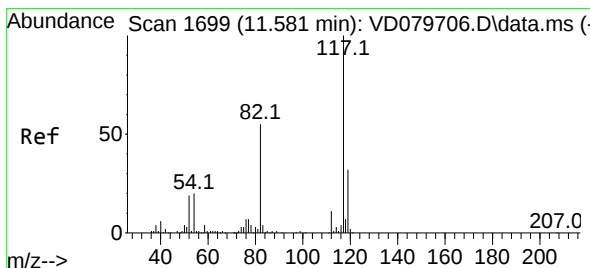
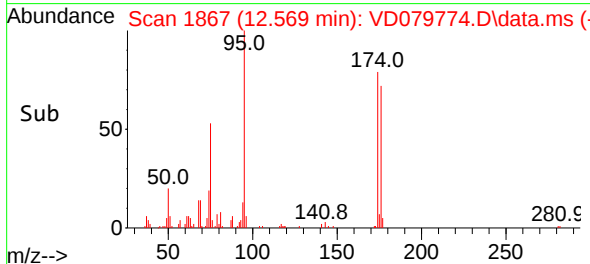
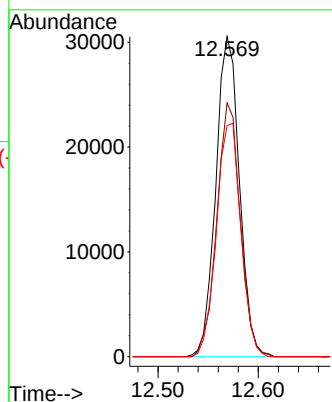
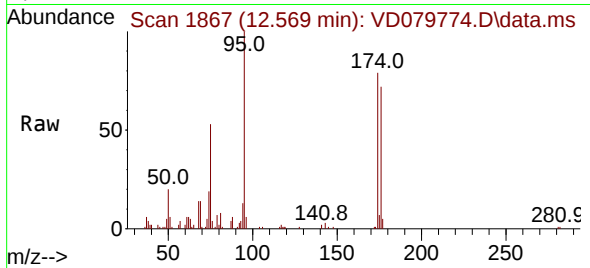




#62
4-Bromofluorobenzene
Concen: 36.558 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

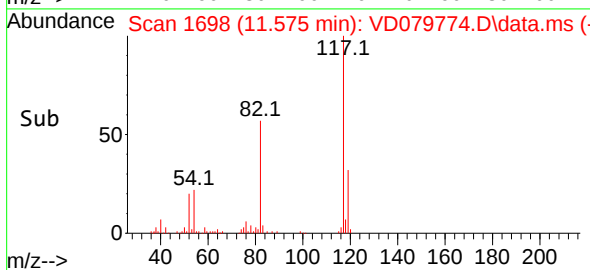
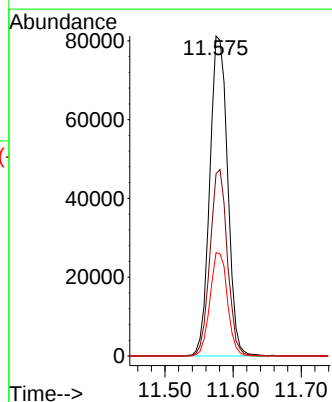
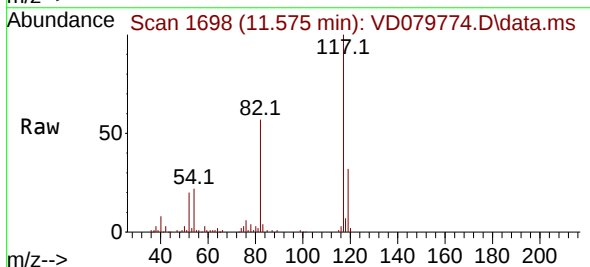
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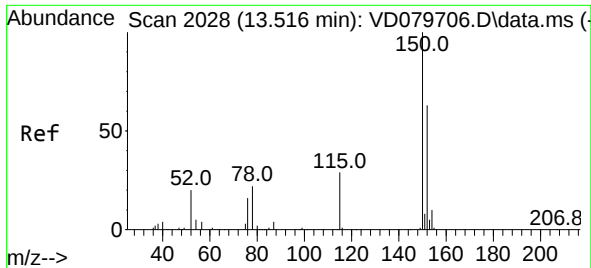
Tgt Ion:	95	Resp:	49825
Ion Ratio	Lower	Upper	
95	100		
174	79.0	0.0	195.4
176	75.5	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD079774.D
Acq: 04 Sep 2024 15:28

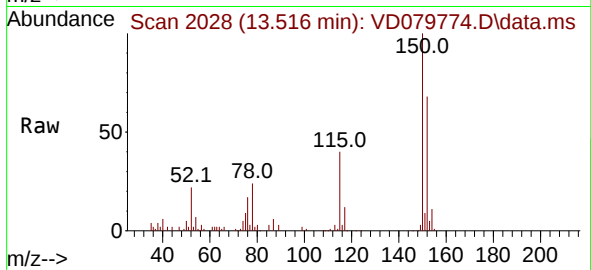
Tgt Ion:	117	Resp:	147952
Ion Ratio	Lower	Upper	
117	100		
82	56.9	39.8	59.6
119	32.3	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079774.D
 Acq: 04 Sep 2024 15:28

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-083024



Tgt Ion:152 Resp: 49620
 Ion Ratio Lower Upper
 152 100
 115 59.3 26.5 79.5
 150 152.5 0.0 341.6

