

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079722.D
 Acq On : 13 Aug 2024 17:32
 Operator : RP/MD
 Sample : P3474-09
 Misc : 7.84G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-A2-GRAB

Quant Time: Aug 14 05:53:33 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)

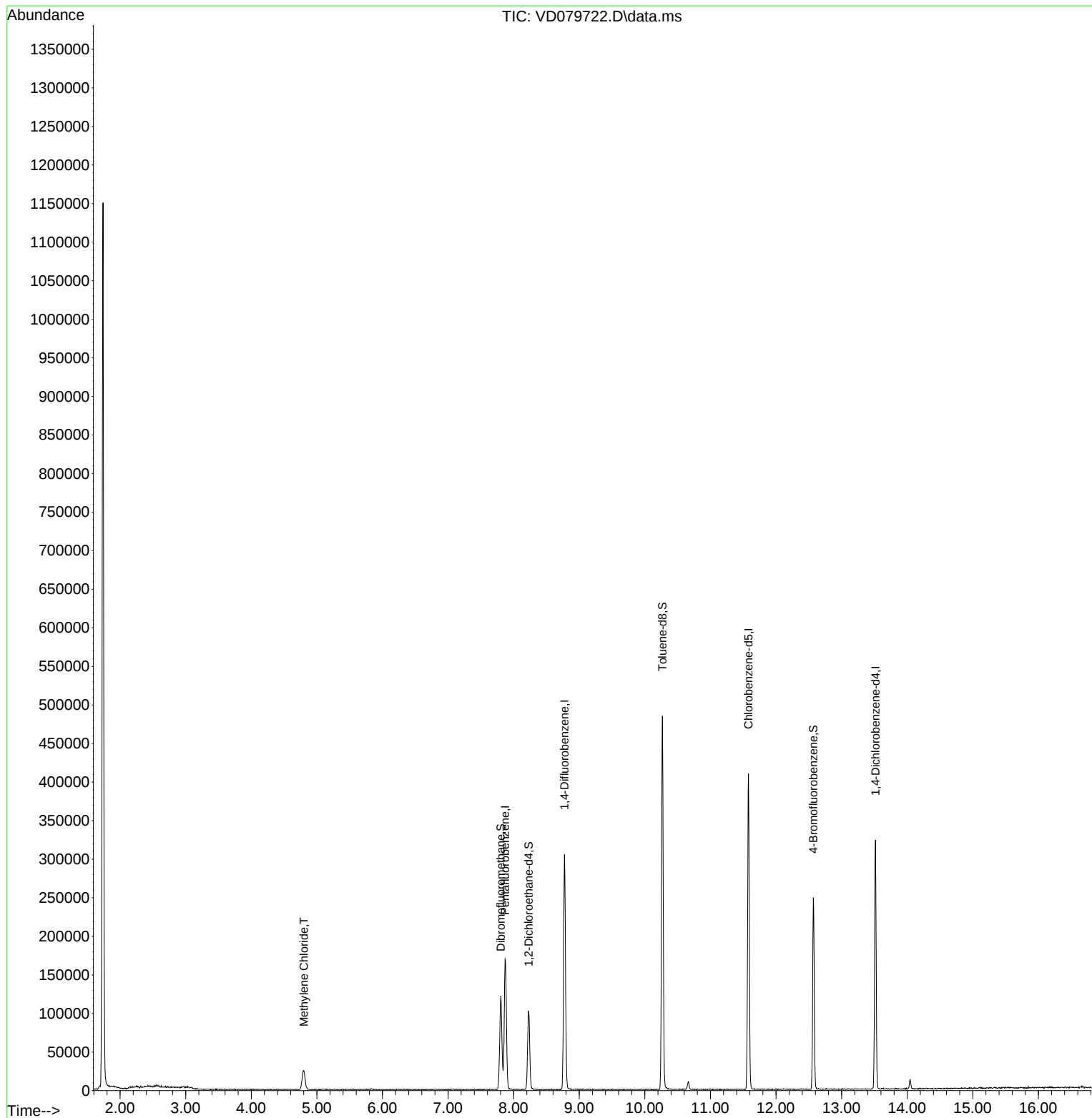
Internal Standards						
1) Pentafluorobenzene	7.869	168	130299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	268898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	234521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	86396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81211	54.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.340%	
35) Dibromofluoromethane	7.804	113	86657	52.275	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.560%	
50) Toluene-d8	10.269	98	342216	49.393	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.780%	
62) 4-Bromofluorobenzene	12.569	95	75552	38.946	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.900%	
Target Compounds						
20) Methylene Chloride	4.805	84	19416	4.131	ug/l	Qvalue 86

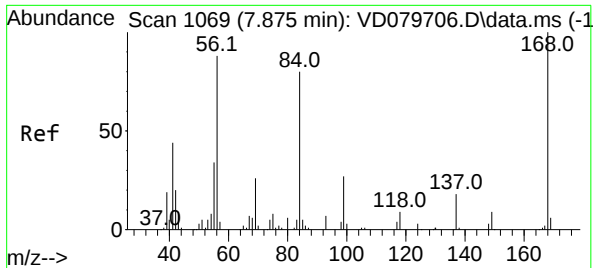
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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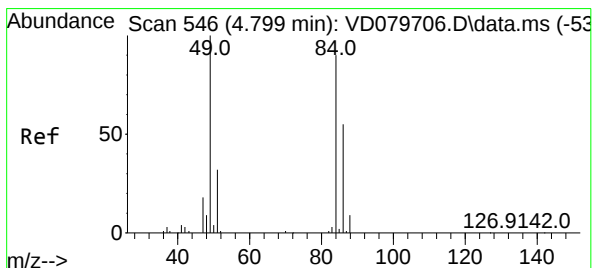
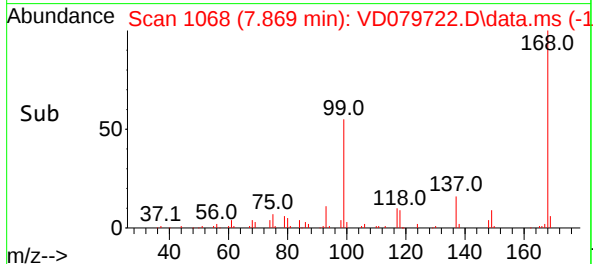
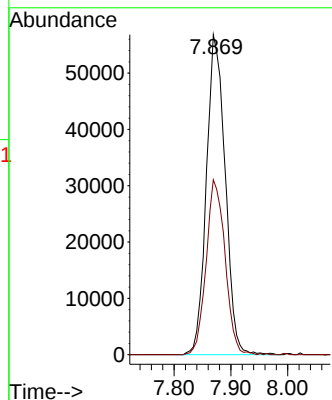
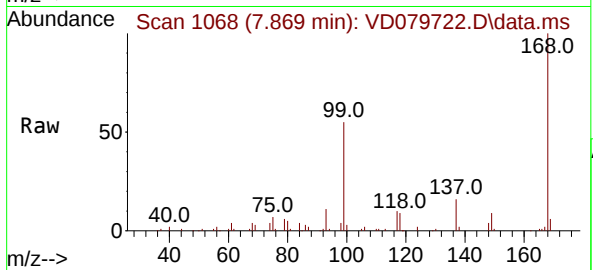




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD079722.D
Acq: 13 Aug 2024 17:32

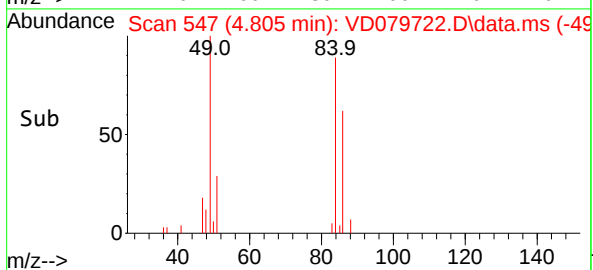
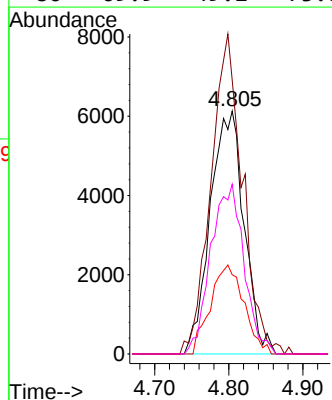
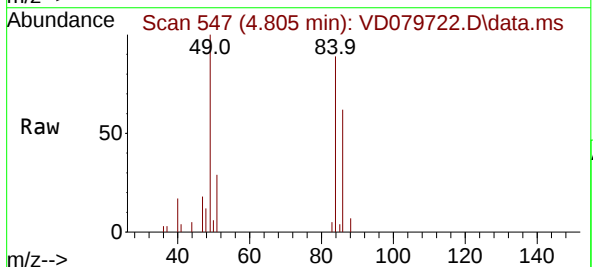
Instrument :
MSVOA_D
ClientSampleId :
WC-A2-GRAB

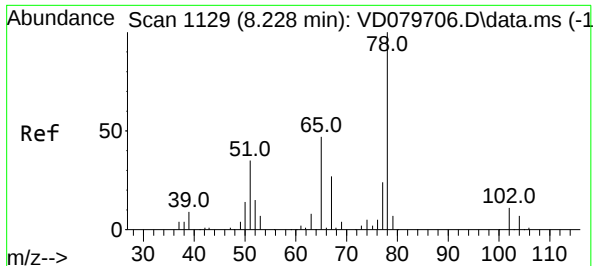
Tgt Ion:168 Resp: 130299
Ion Ratio Lower Upper
168 100
99 54.7 41.1 61.7



#20
Methylene Chloride
Concen: 4.131 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD079722.D
Acq: 13 Aug 2024 17:32

Tgt Ion: 84 Resp: 19416
Ion Ratio Lower Upper
84 100
49 112.8 75.6 113.4
51 32.6 24.2 36.2
86 69.9 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 54.175 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079722.D

Acq: 13 Aug 2024 17:32

Instrument :

MSVOA_D

ClientSampleId :

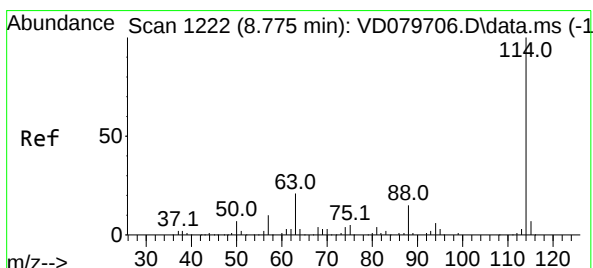
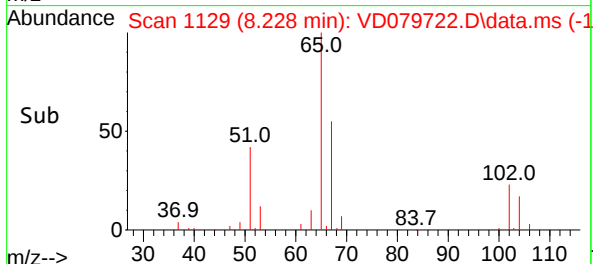
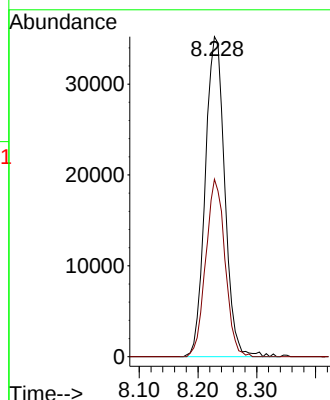
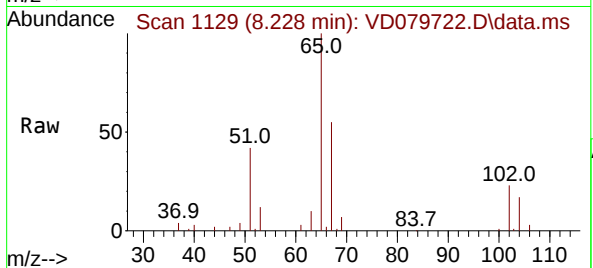
WC-A2-GRAB

Tgt Ion: 65 Resp: 81211

Ion Ratio Lower Upper

65 100

67 54.6 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: VD079722.D

Acq: 13 Aug 2024 17:32

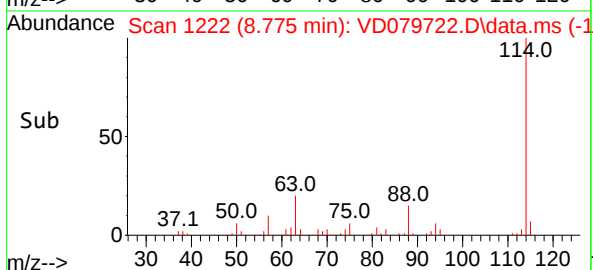
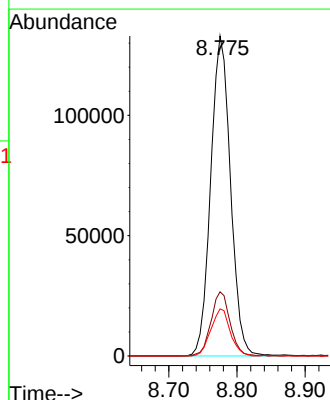
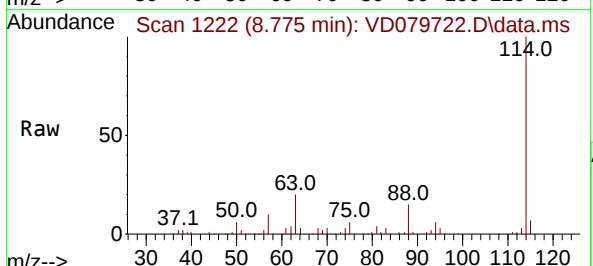
Tgt Ion: 114 Resp: 268898

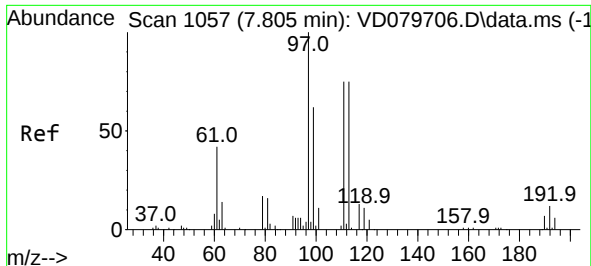
Ion Ratio Lower Upper

114 100

63 20.0 0.0 34.0

88 14.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.275 ug/l

RT: 7.804 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD079722.D

Acq: 13 Aug 2024 17:32

Instrument :

MSVOA_D

ClientSampleId :

WC-A2-GRAB

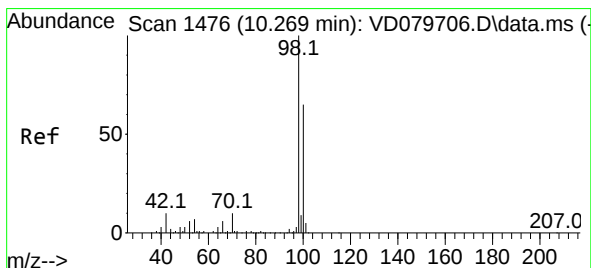
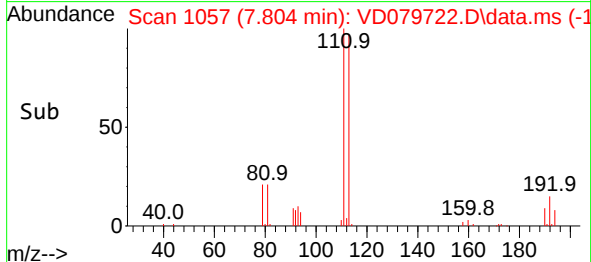
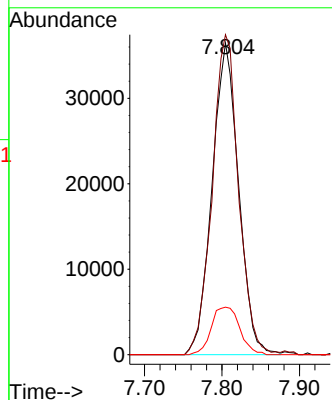
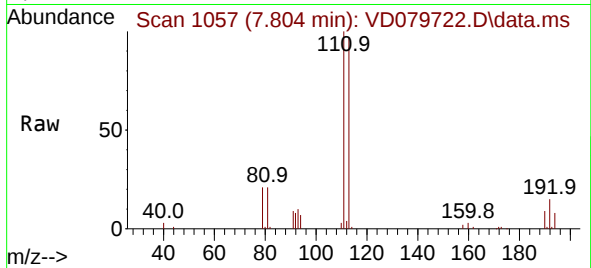
Tgt Ion:113 Resp: 86657

Ion Ratio Lower Upper

113 100

111 102.1 84.0 126.0

192 16.4 15.4 23.0



#50

Toluene-d8

Concen: 49.393 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079722.D

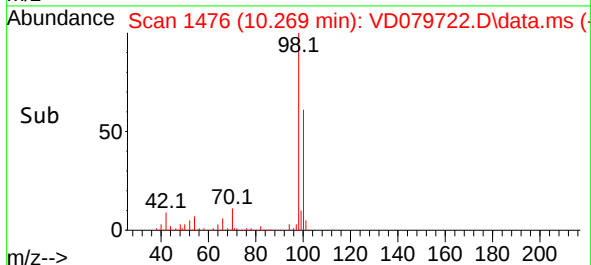
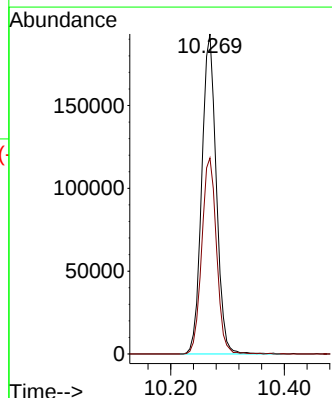
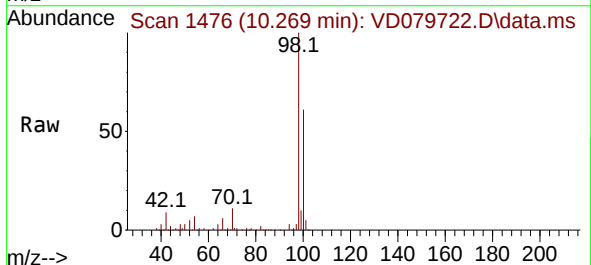
Acq: 13 Aug 2024 17:32

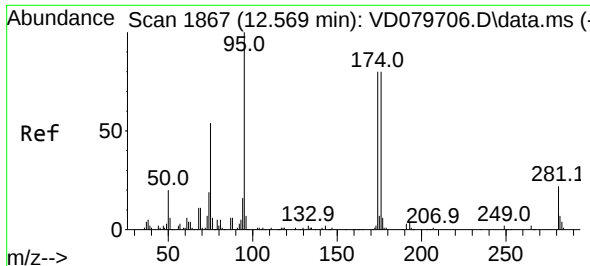
Tgt Ion: 98 Resp: 342216

Ion Ratio Lower Upper

98 100

100 62.4 51.6 77.4

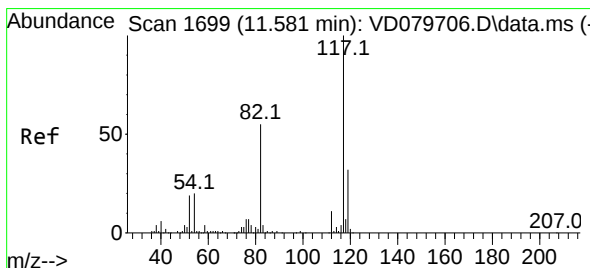
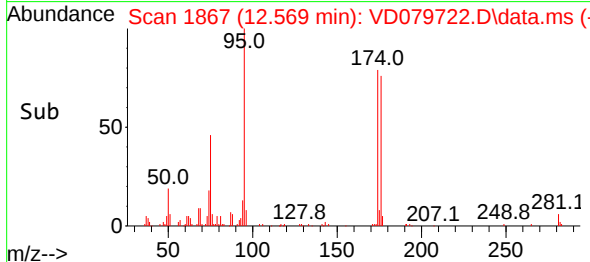
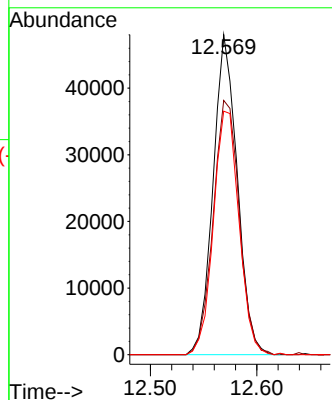
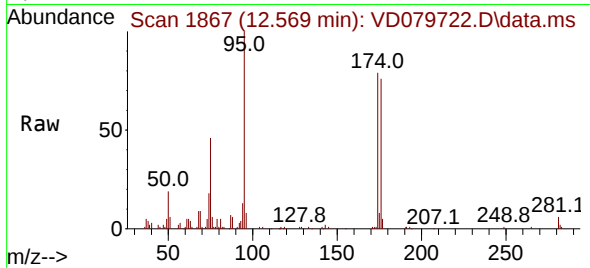




#62
4-Bromofluorobenzene
Concen: 38.946 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079722.D
Acq: 13 Aug 2024 17:32

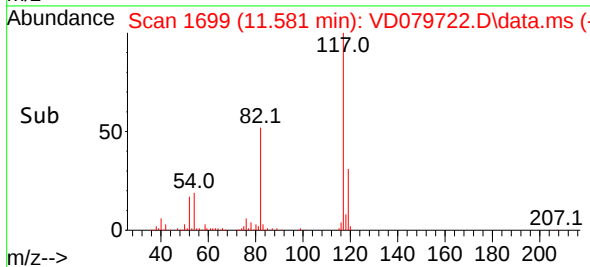
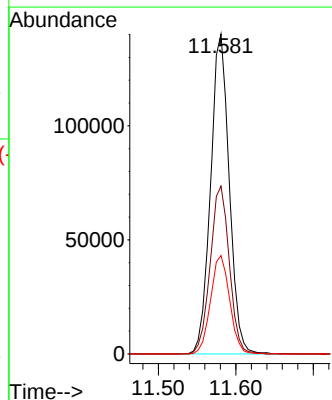
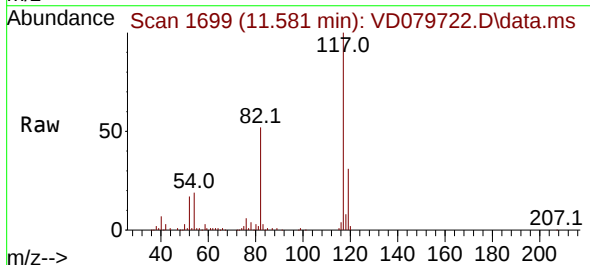
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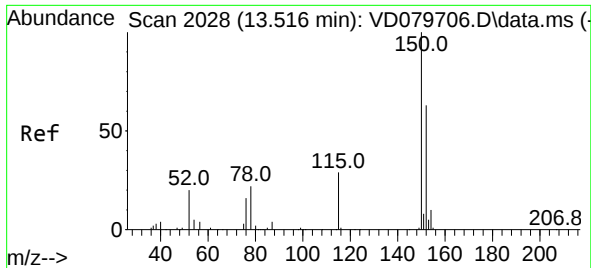
Tgt Ion:	95	Resp:	75552
Ion	Ratio	Lower	Upper
95	100		
174	85.8	0.0	195.4
176	80.8	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079722.D
Acq: 13 Aug 2024 17:32

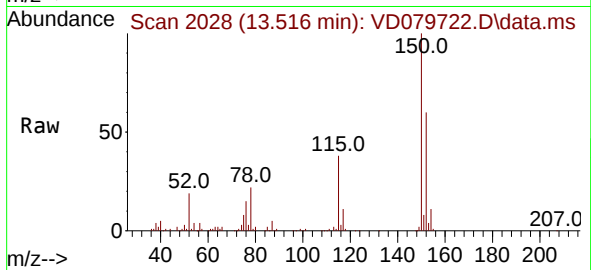
Tgt Ion:	117	Resp:	234521
Ion	Ratio	Lower	Upper
117	100		
82	52.5	39.8	59.6
119	30.8	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079722.D
 Acq: 13 Aug 2024 17:32

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-A2-GRAB



Tgt Ion:152 Resp: 86396
 Ion Ratio Lower Upper
 152 100
 115 58.6 26.5 79.5
 150 160.4 0.0 341.6

