

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085834.D
 Acq On : 24 Feb 2025 14:00
 Operator : JC\MD
 Sample : Q1405-02DL 250X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-04-021325DL

Quant Time: Feb 25 01:53:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

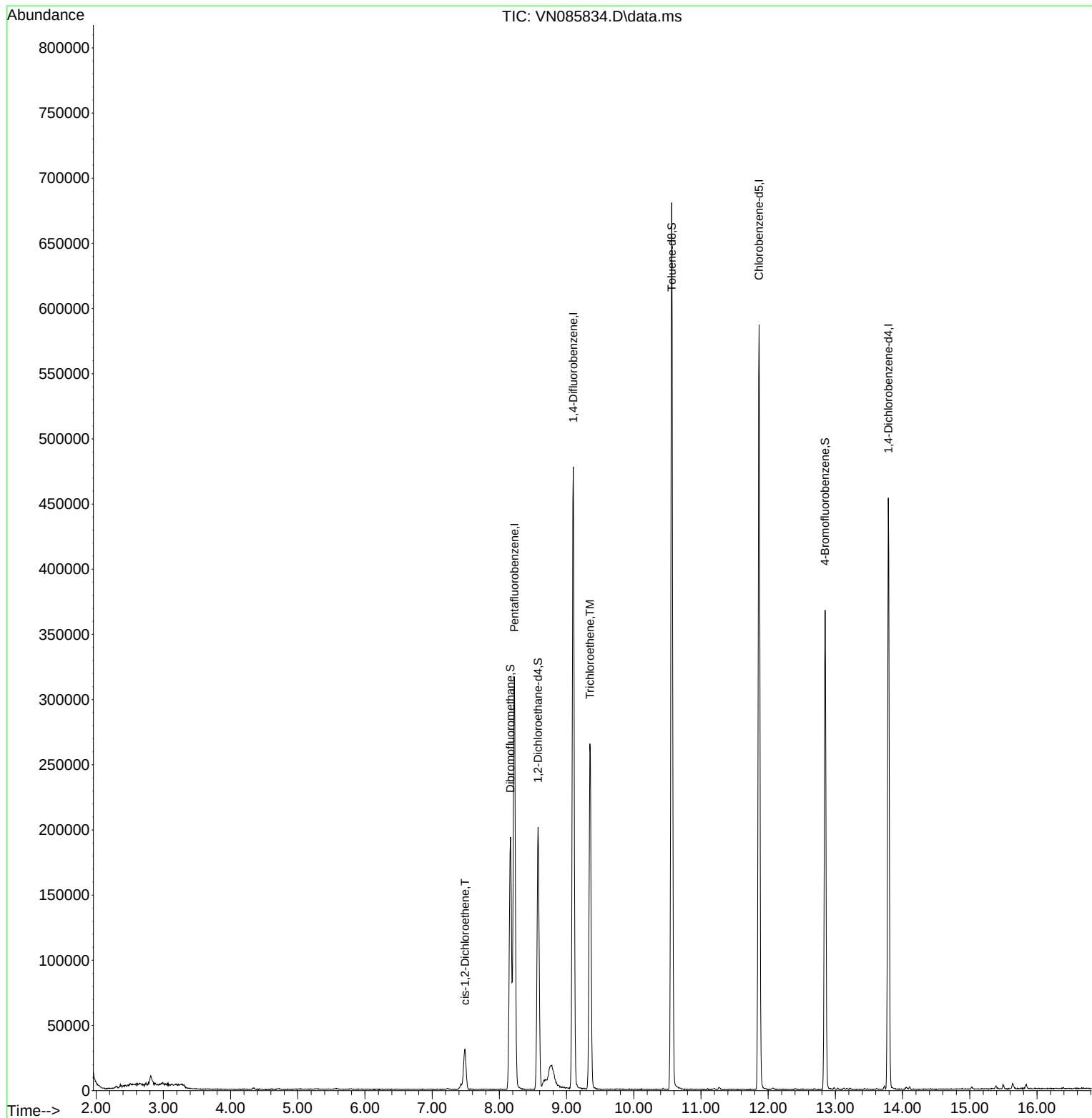
Internal Standards						
1) Pentafluorobenzene	8.224	168	227327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	420422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	359119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162359	55.089	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.180%
35) Dibromofluoromethane	8.165	113	143309	52.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.180%
50) Toluene-d8	10.565	98	475579	47.515	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.847	95	132906	40.302	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	80.600%
Target Compounds						
						Qvalue
27) cis-1,2-Dichloroethene	7.488	96	19649	6.313	ug/l	90
44) Trichloroethene	9.347	130	100090	32.667	ug/l	93

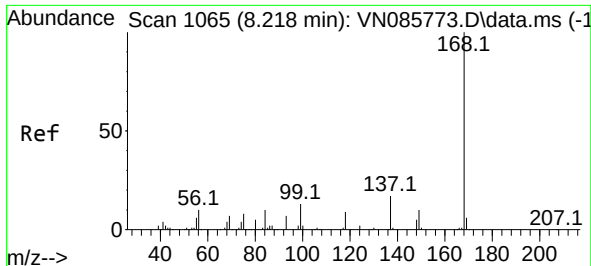
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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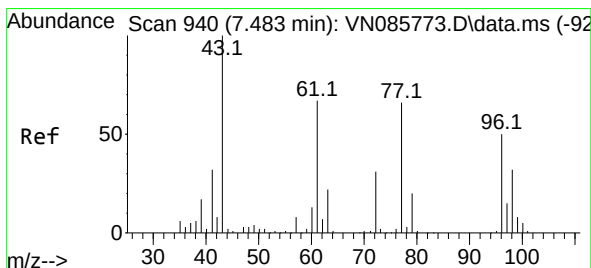
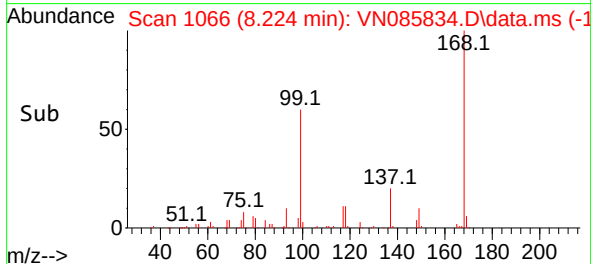
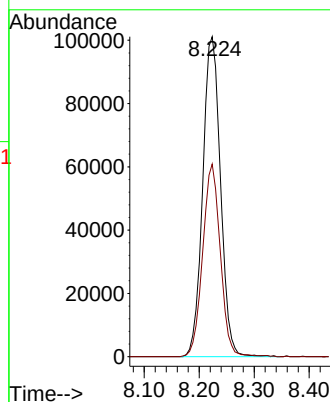
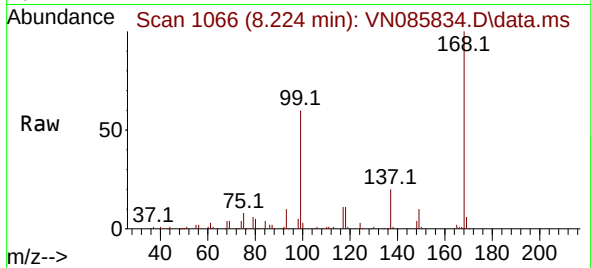




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085834.D
Acq: 24 Feb 2025 14:00

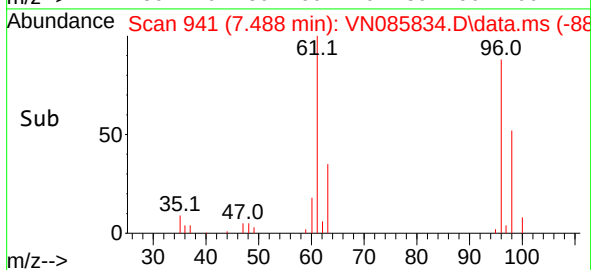
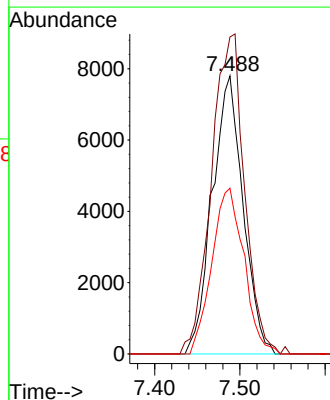
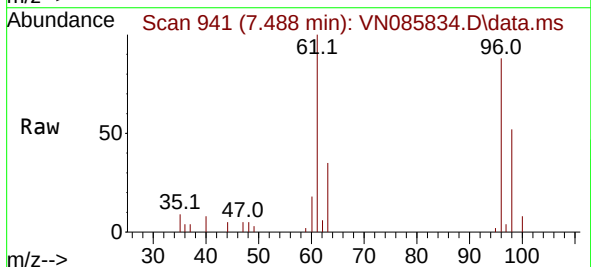
Instrument :
MSVOA_N
ClientSampleId :
MW-04-021325DL

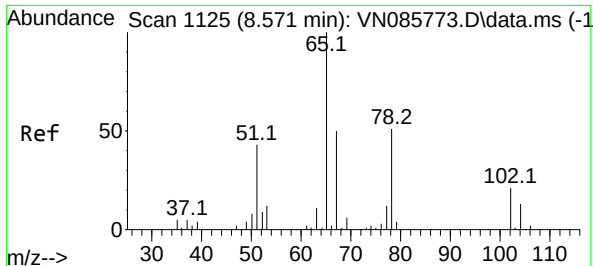
Tgt Ion:168 Resp: 227327
Ion Ratio Lower Upper
168 100
99 60.2 47.9 71.9



#27
cis-1,2-Dichloroethene
Concen: 6.313 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085834.D
Acq: 24 Feb 2025 14:00

Tgt Ion: 96 Resp: 19649
Ion Ratio Lower Upper
96 100
61 123.3 0.0 280.6
98 62.0 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 55.089 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085834.D

Acq: 24 Feb 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

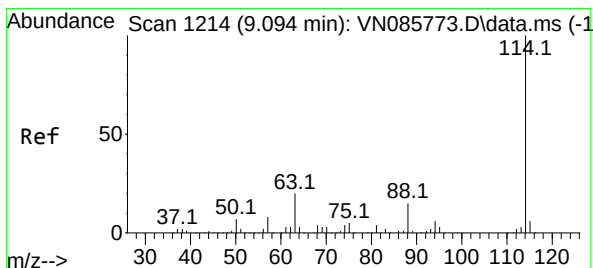
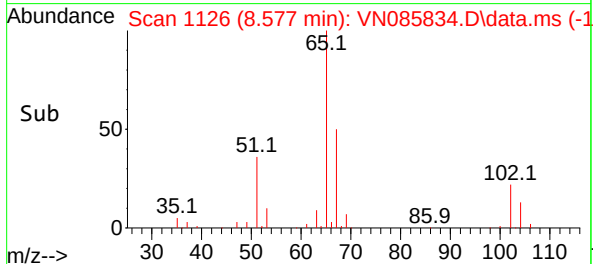
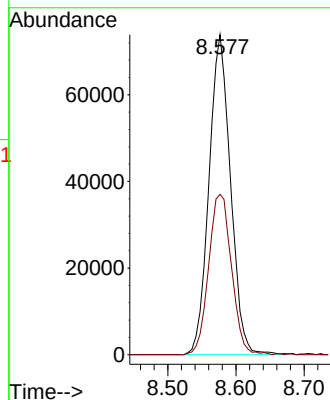
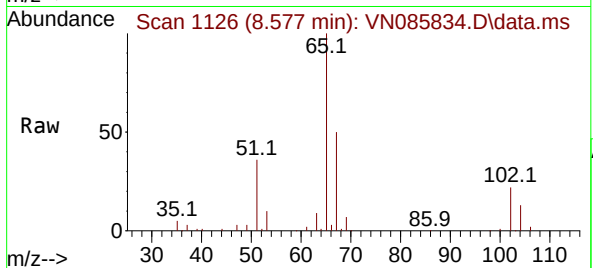
MW-04-021325DL

Tgt Ion: 65 Resp: 162359

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085834.D

Acq: 24 Feb 2025 14:00

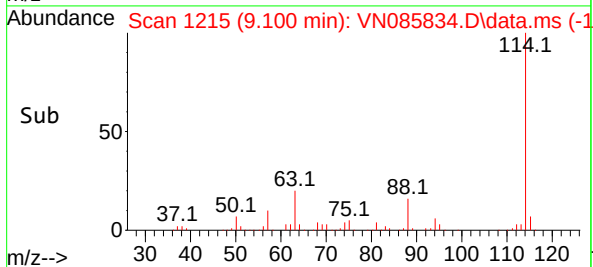
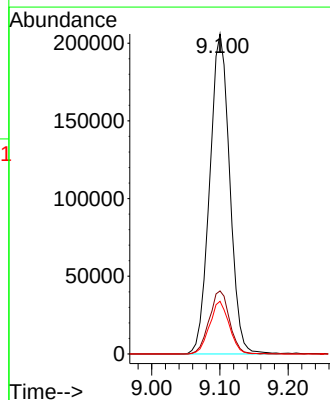
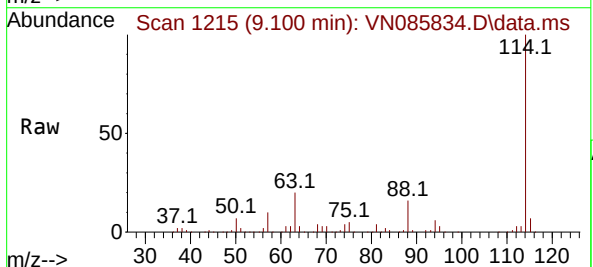
Tgt Ion: 114 Resp: 420422

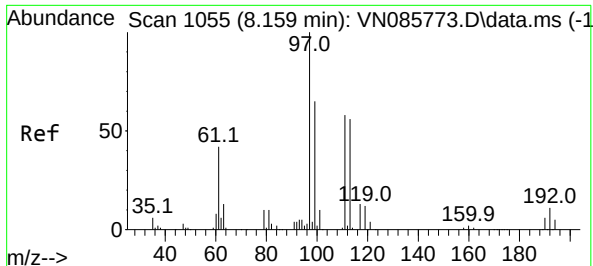
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

88 16.4 0.0 30.0

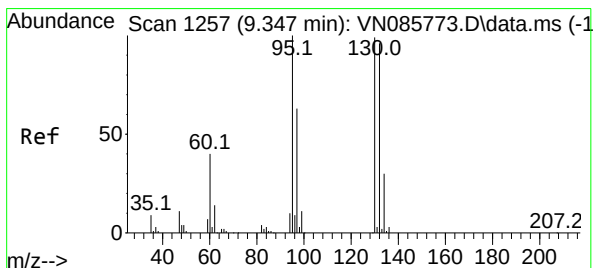
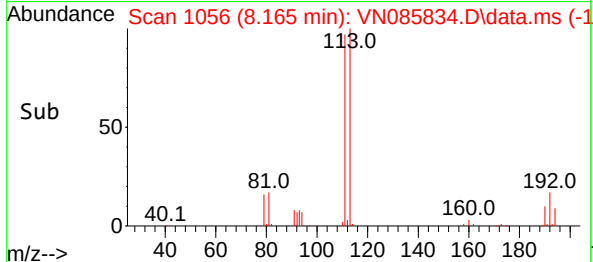
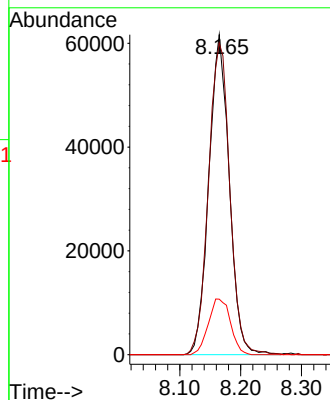
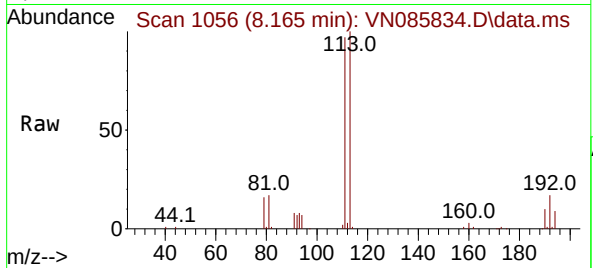




#35
Dibromofluoromethane
Concen: 52.093 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085834.D
Acq: 24 Feb 2025 14:00

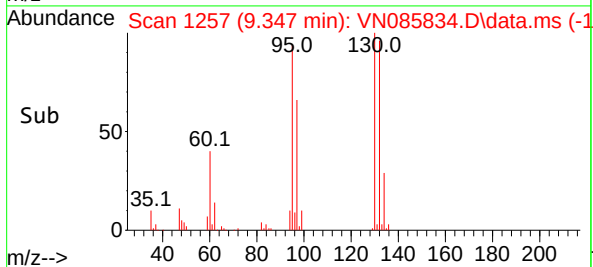
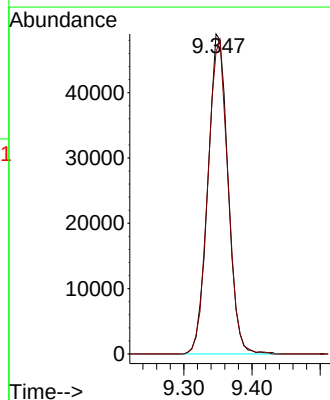
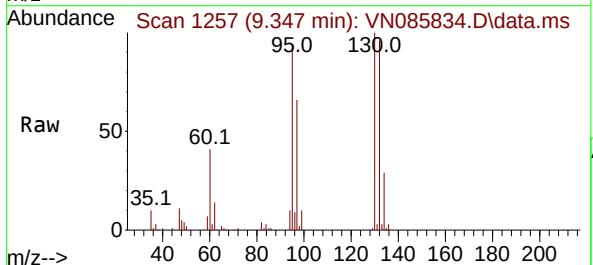
Instrument :
MSVOA_N
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MW-04-021325DL

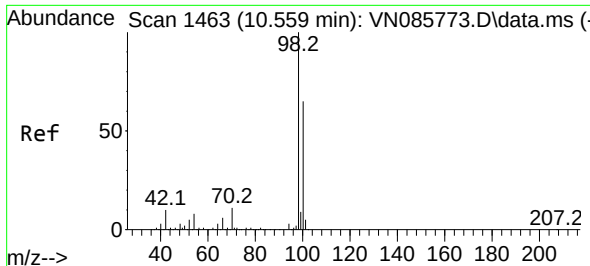
Tgt Ion:113 Resp: 143309
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 18.9 14.7 22.1



#44
Trichloroethene
Concen: 32.667 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085834.D
Acq: 24 Feb 2025 14:00

Tgt Ion:130 Resp: 100090
Ion Ratio Lower Upper
130 100
95 94.3 0.0 202.6

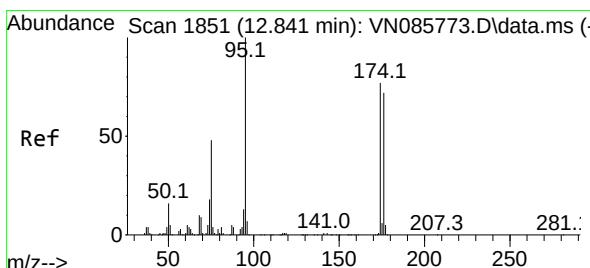
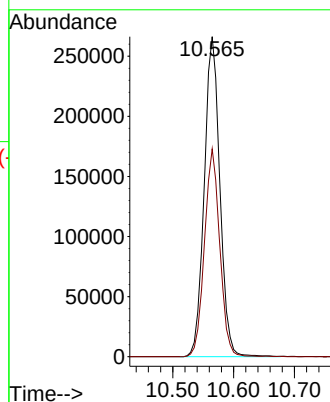
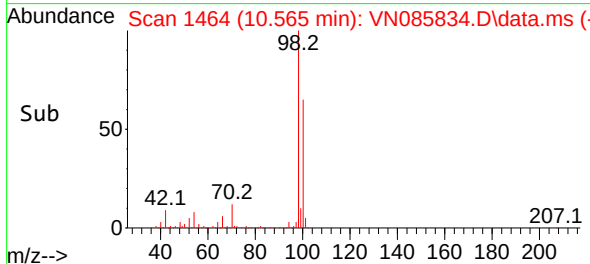
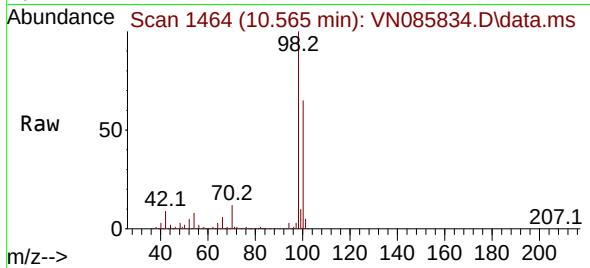




#50
Toluene-d8
Concen: 47.515 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085834.D
Acq: 24 Feb 2025 14:00

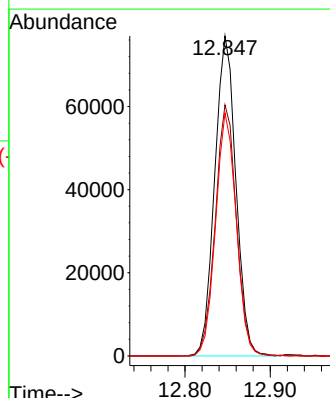
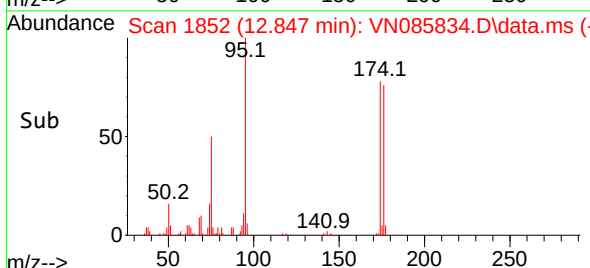
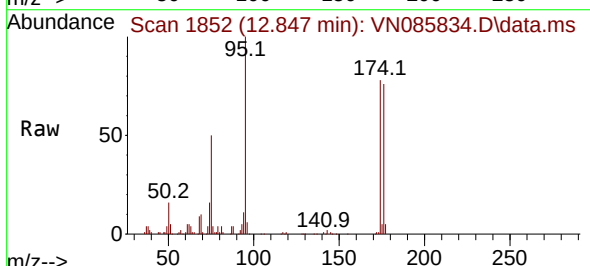
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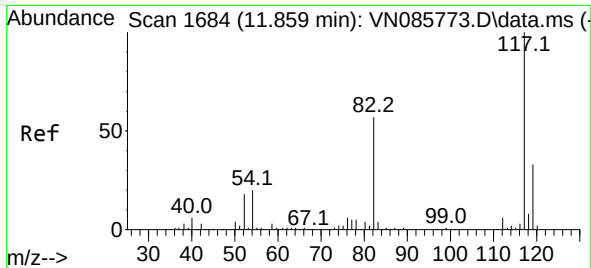
Tgt Ion: 98 Resp: 475579
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.302 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085834.D
Acq: 24 Feb 2025 14:00

Tgt Ion: 95 Resp: 132906
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.4
176 73.9 0.0 146.6

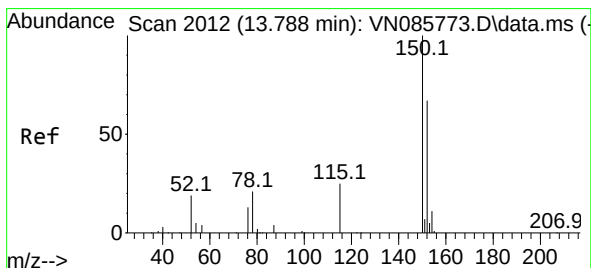
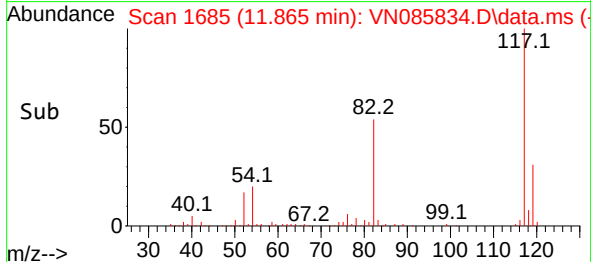
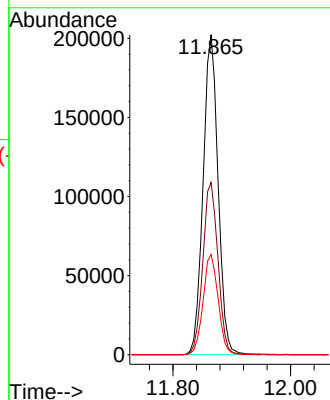
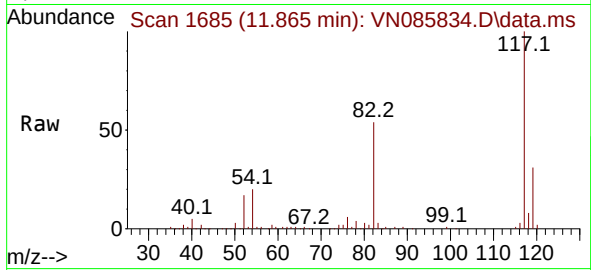




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085834.D
Acq: 24 Feb 2025 14:00

Instrument :
MSVOA_N
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MW-04-021325DL

Tgt Ion:117 Resp: 359119
Ion Ratio Lower Upper
117 100
82 53.8 45.7 68.5
119 31.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085834.D
Acq: 24 Feb 2025 14:00

Tgt Ion:152 Resp: 127235
Ion Ratio Lower Upper
152 100
115 60.8 30.4 91.3
150 156.0 0.0 345.4

