

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085842.D
 Acq On : 24 Feb 2025 17:14
 Operator : JC\MD
 Sample : Q1405-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13-021925

Quant Time: Feb 25 01:57:49 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)

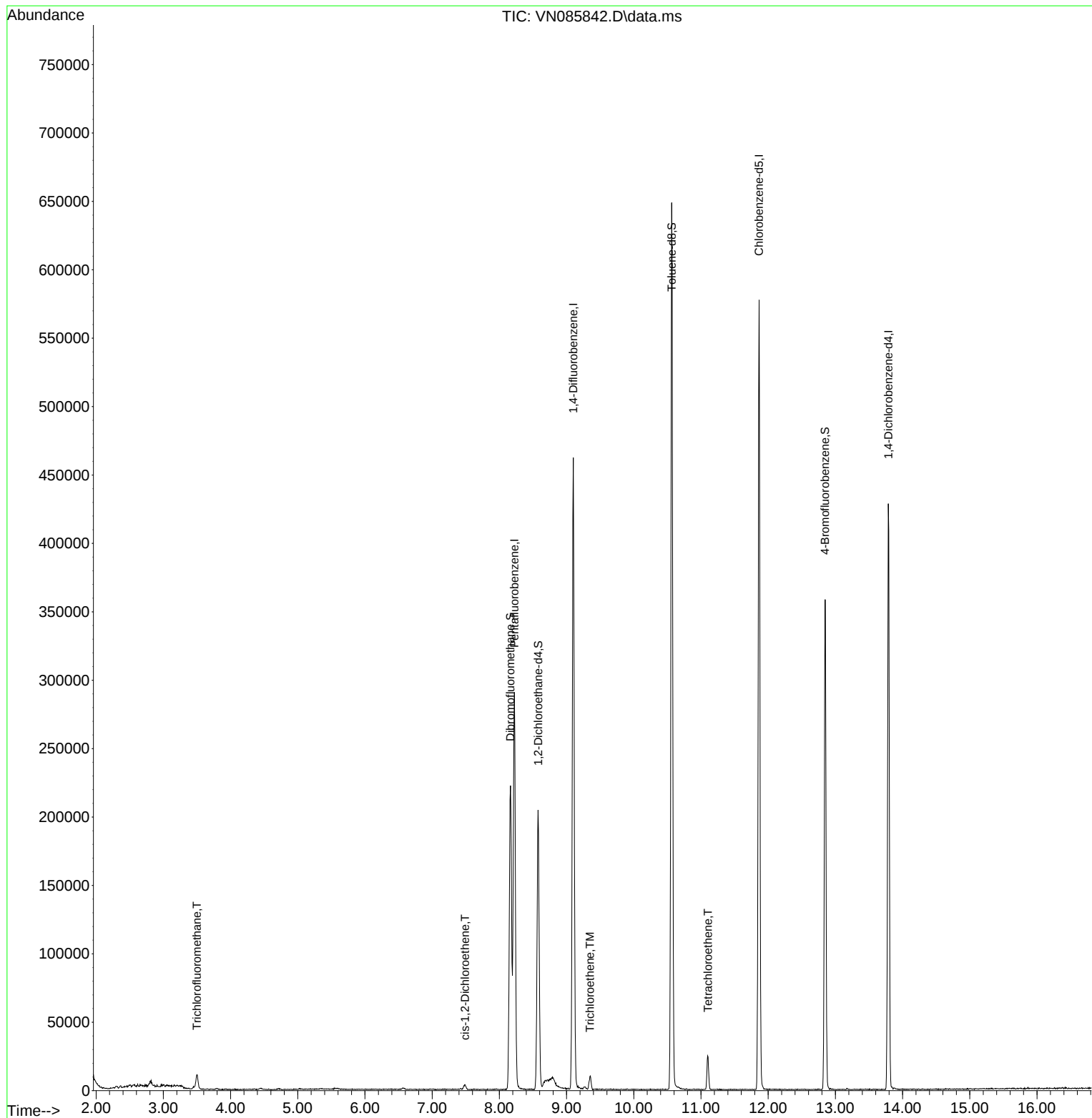
Internal Standards						
1) Pentafluorobenzene	8.224	168	206228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	390930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	337160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	164335	61.464	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.920%
35) Dibromofluoromethane	8.165	113	142571	55.734	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.460%
50) Toluene-d8	10.565	98	464497	49.908	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.847	95	127421	41.553	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	83.100%
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	3.500	101	12095	2.803	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	2200	0.779	ug/l	86
44) Trichloroethene	9.347	130	4006	1.406	ug/l	95
64) Tetrachloroethene	11.106	164	6033	2.310	ug/l	95

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

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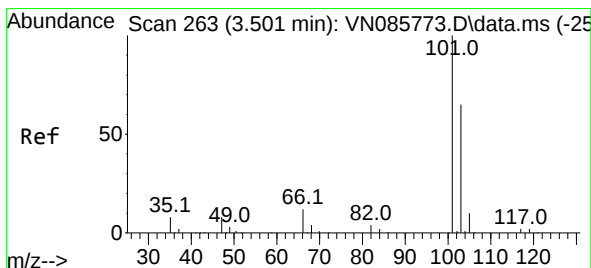
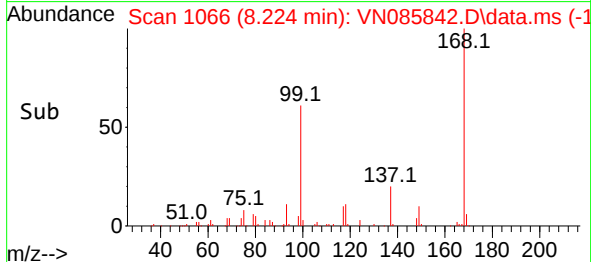
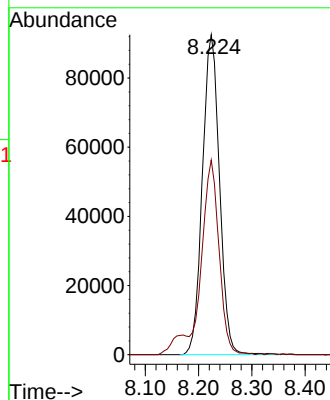
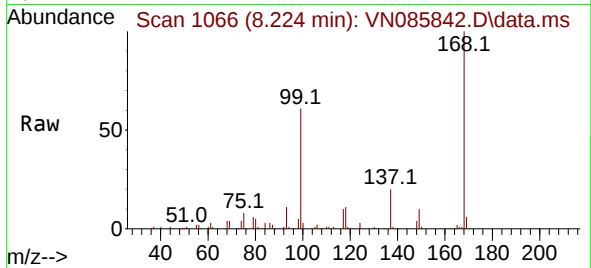




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085842.D
Acq: 24 Feb 2025 17:14

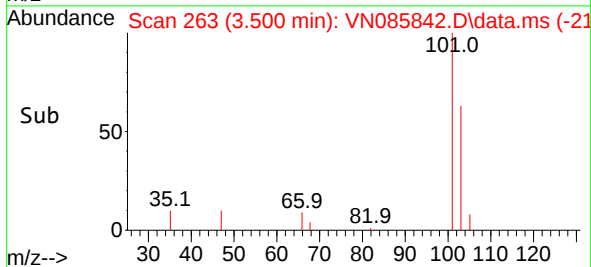
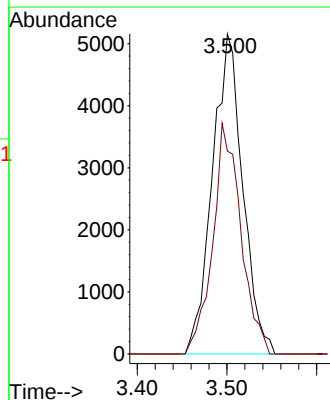
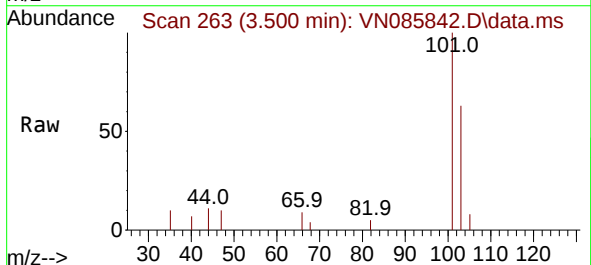
Instrument :
MSVOA_N
ClientSampleId :
MW-13-021925

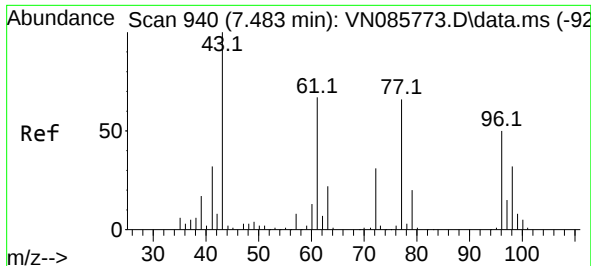
Tgt Ion:168 Resp: 206228
Ion Ratio Lower Upper
168 100
99 60.7 47.9 71.9



#7
Trichlorofluoromethane
Concen: 2.803 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN085842.D
Acq: 24 Feb 2025 17:14

Tgt Ion:101 Resp: 12095
Ion Ratio Lower Upper
101 100
103 63.4 52.2 78.4



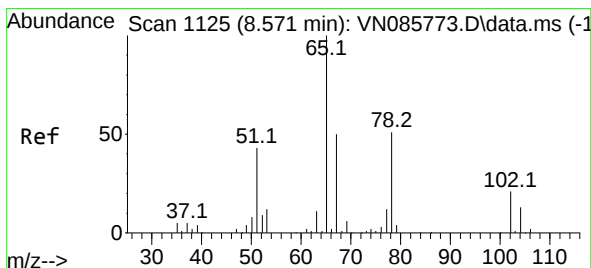
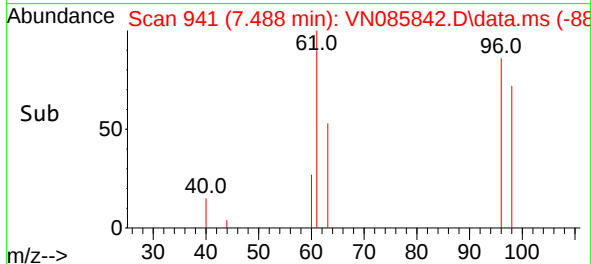
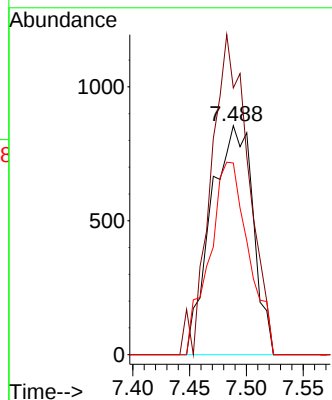
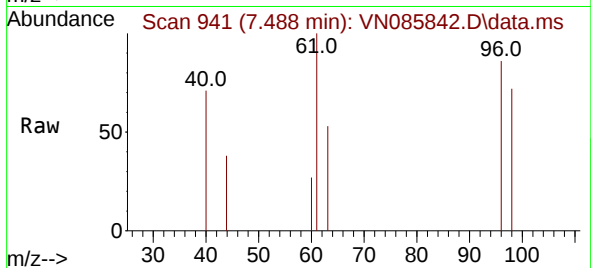


#27
 cis-1,2-Dichloroethene
 Concen: 0.779 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085842.D
 Acq: 24 Feb 2025 17:14

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13-021925

Tgt Ion: 96 Resp: 2200

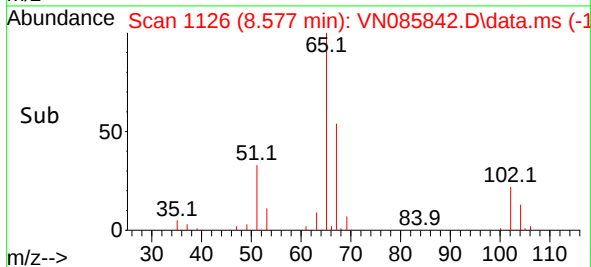
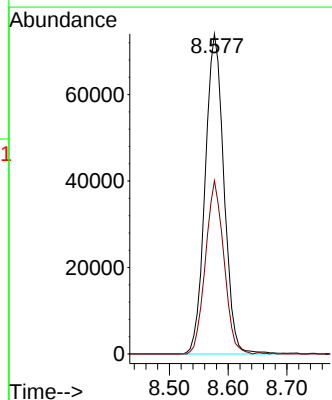
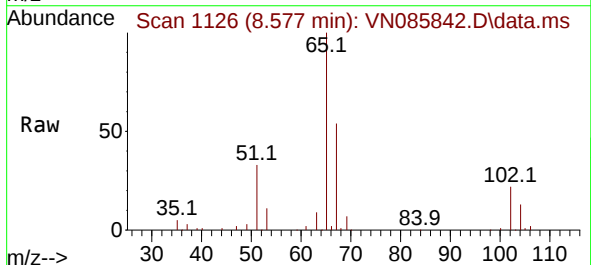
Ion	Ratio	Lower	Upper
96	100		
61	124.9	0.0	280.6
98	78.6	0.0	128.6

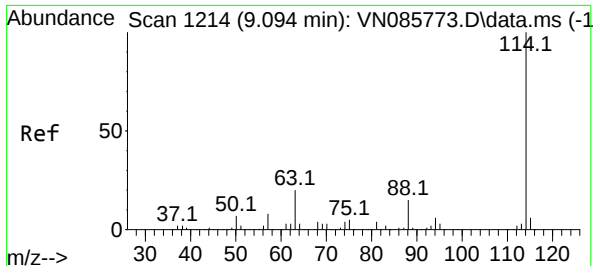


#33
 1,2-Dichloroethane-d4
 Concen: 61.464 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085842.D
 Acq: 24 Feb 2025 17:14

Tgt Ion: 65 Resp: 164335

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085842.D

Acq: 24 Feb 2025 17:14

Instrument :

MSVOA_N

ClientSampleId :

MW-13-021925

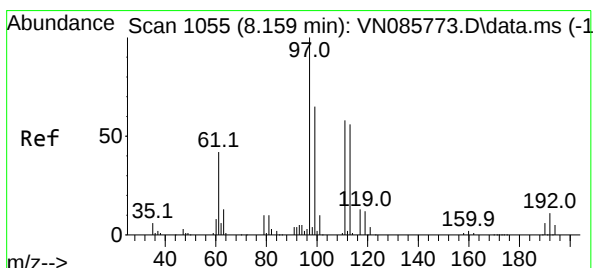
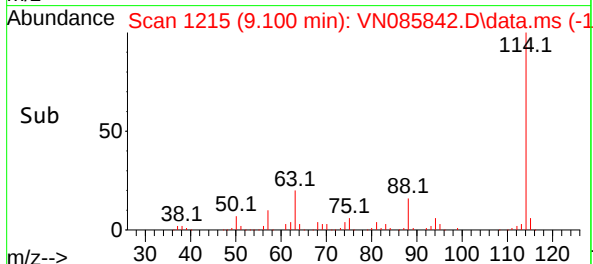
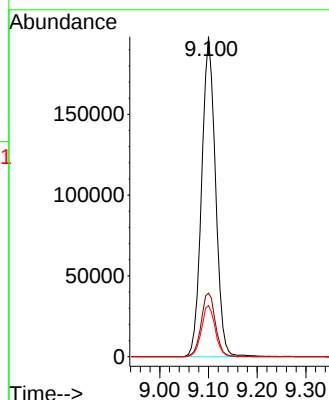
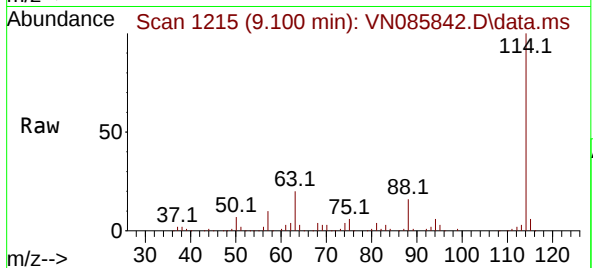
Tgt Ion:114 Resp: 390930

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

88 15.9 0.0 30.0



#35

Dibromofluoromethane

Concen: 55.734 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085842.D

Acq: 24 Feb 2025 17:14

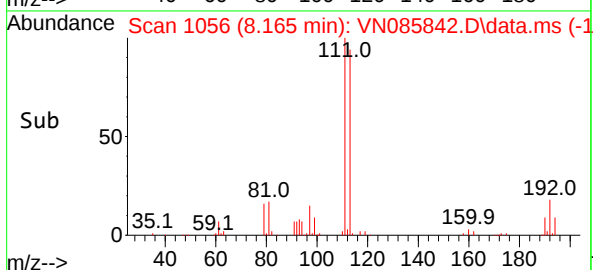
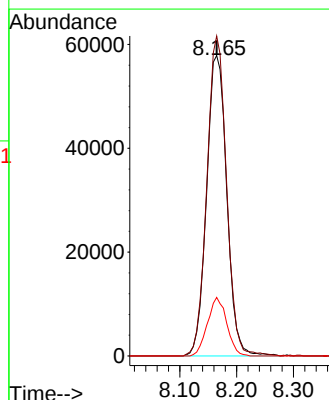
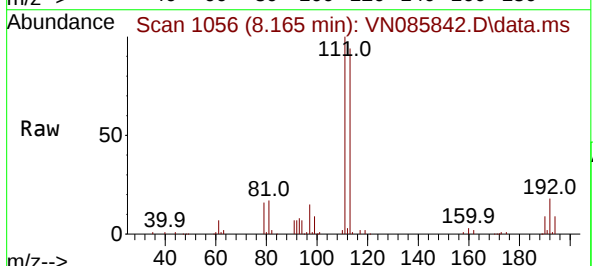
Tgt Ion:113 Resp: 142571

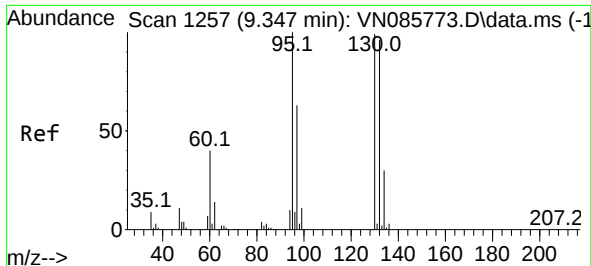
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 18.7 14.7 22.1

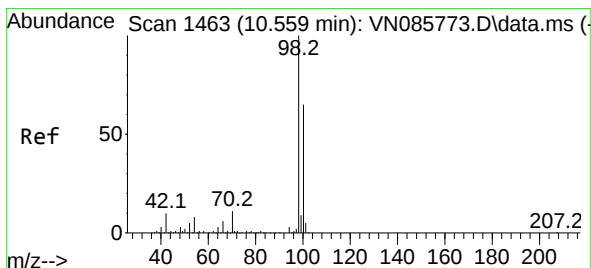
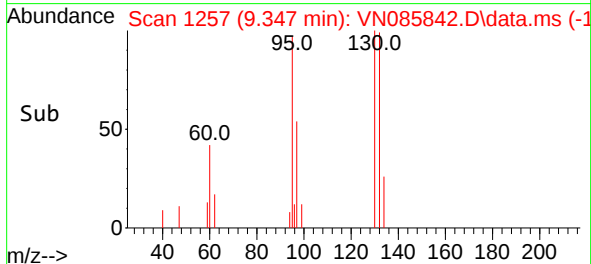
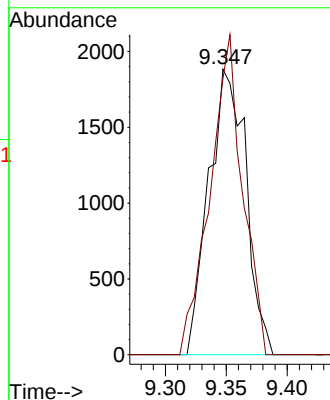
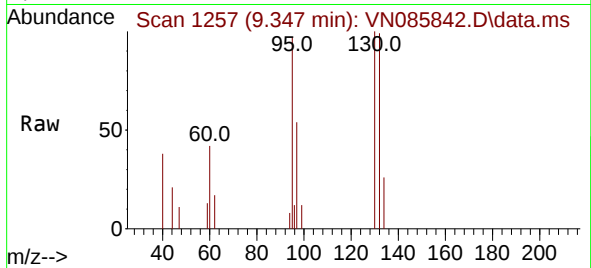




#44
Trichloroethene
Concen: 1.406 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085842.D
Acq: 24 Feb 2025 17:14

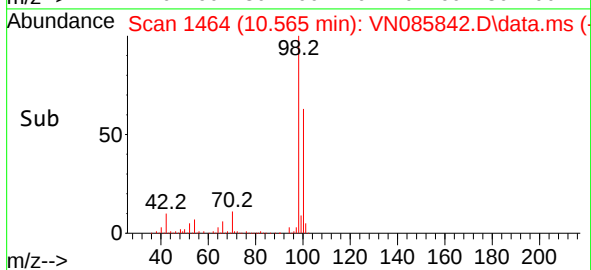
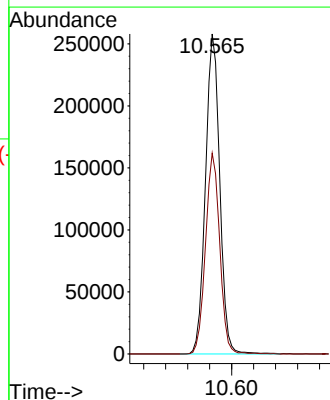
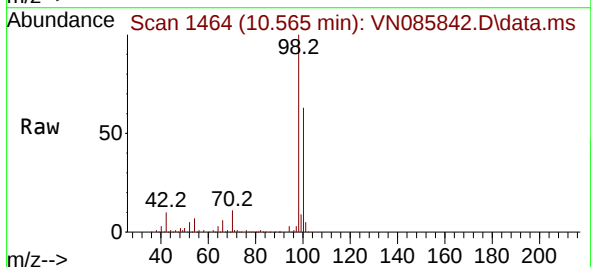
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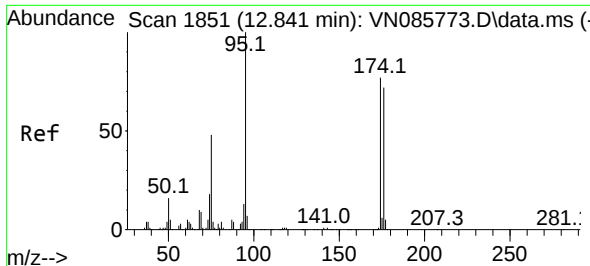
Tgt Ion:130 Resp: 4006
Ion Ratio Lower Upper
130 100
95 96.7 0.0 202.6



#50
Toluene-d8
Concen: 49.908 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085842.D
Acq: 24 Feb 2025 17:14

Tgt Ion: 98 Resp: 464497
Ion Ratio Lower Upper
98 100
100 62.6 52.1 78.1

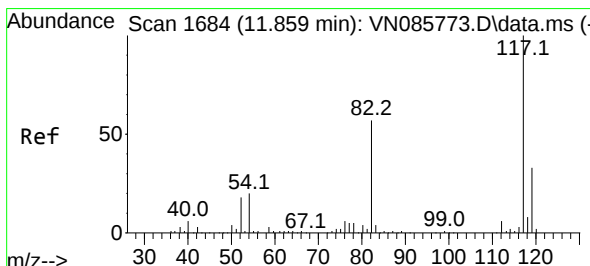
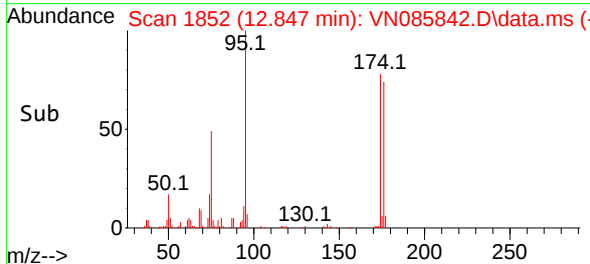
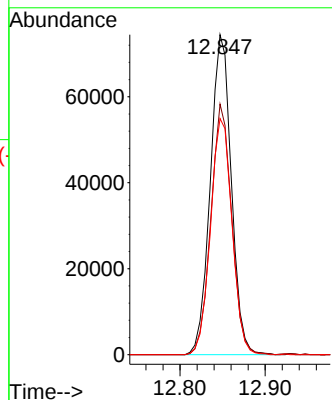
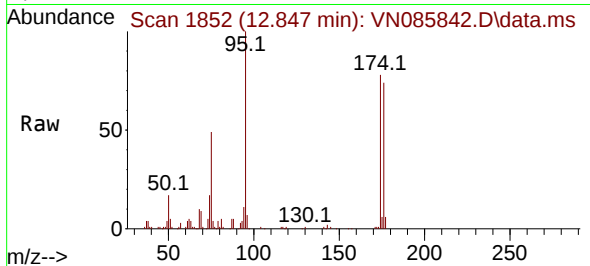




#62
4-Bromofluorobenzene
Concen: 41.553 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085842.D
Acq: 24 Feb 2025 17:14

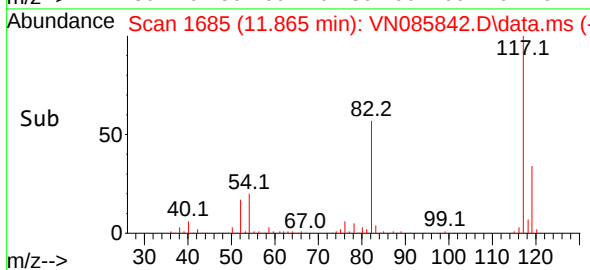
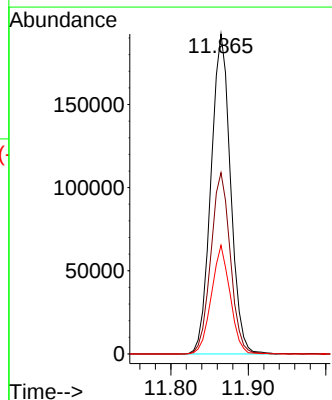
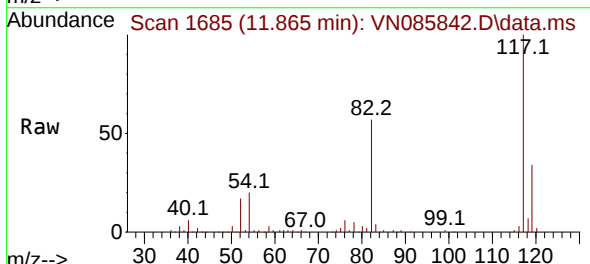
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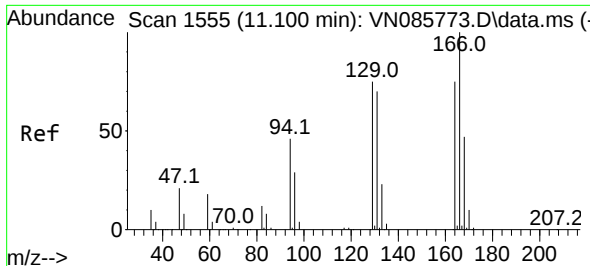
Tgt Ion:	95	Resp:	127421
Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	152.4
176	75.6	0.0	146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085842.D
Acq: 24 Feb 2025 17:14

Tgt Ion:	117	Resp:	337160
Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.7	68.5
119	33.9	26.2	39.2

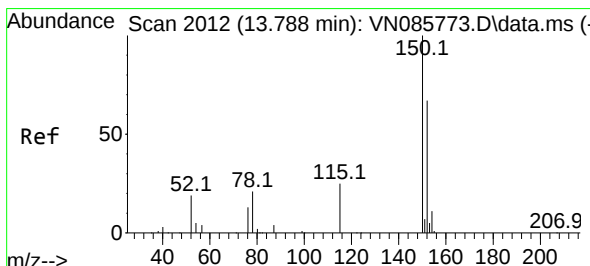
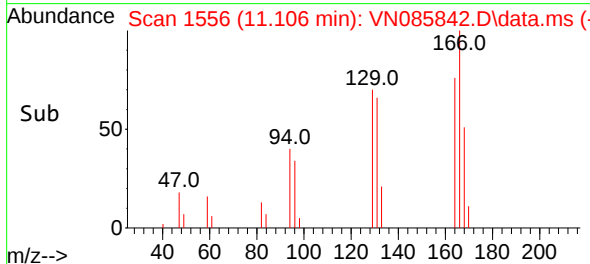
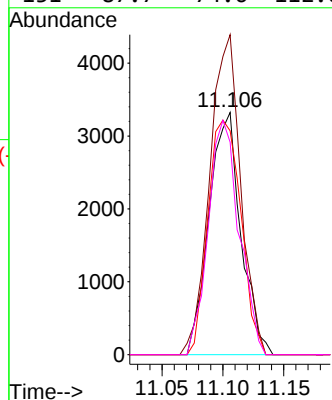
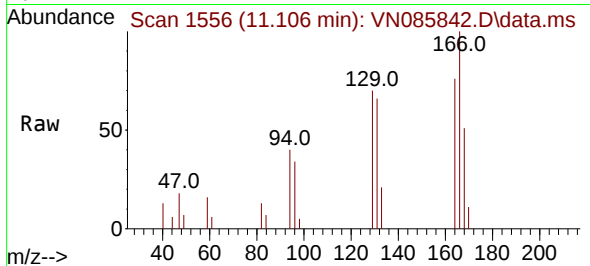




#64
Tetrachloroethene
Concen: 2.310 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085842.D
Acq: 24 Feb 2025 17:14

Instrument :
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Tgt Ion:164 Resp: 6033
Ion Ratio Lower Upper
164 100
166 132.1 107.2 160.8
129 92.4 80.7 121.1
131 87.7 74.6 112.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085842.D
Acq: 24 Feb 2025 17:14

Tgt Ion:152 Resp: 124231
Ion Ratio Lower Upper
152 100
115 60.2 30.4 91.3
150 158.5 0.0 345.4

