

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085843.D
 Acq On : 24 Feb 2025 17:38
 Operator : JC\MD
 Sample : Q1405-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30S-021825

Quant Time: Feb 25 01:58:15 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)

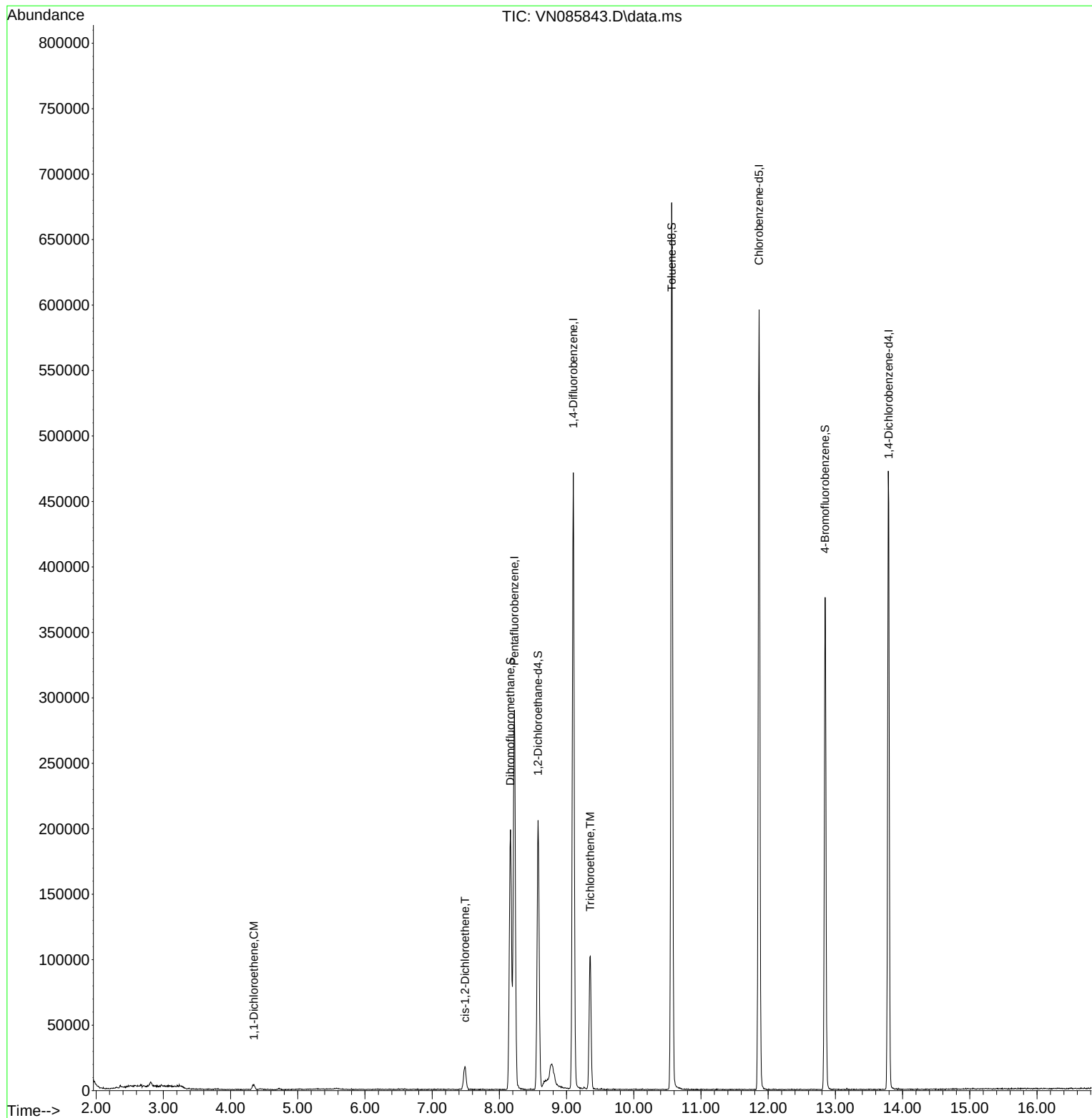
Internal Standards						
1) Pentafluorobenzene	8.224	168	208683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	401320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	350062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	165076	61.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.020%	
35) Dibromofluoromethane	8.165	113	144984	55.210	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.420%	
50) Toluene-d8	10.565	98	472225	49.425	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.860%	
62) 4-Bromofluorobenzene	12.847	95	133719	42.478	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 84.960%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.347	96	2541	1.110	ug/l	89
27) cis-1,2-Dichloroethene	7.488	96	11389	3.986	ug/l	89
44) Trichloroethene	9.353	130	38256	13.080	ug/l	99

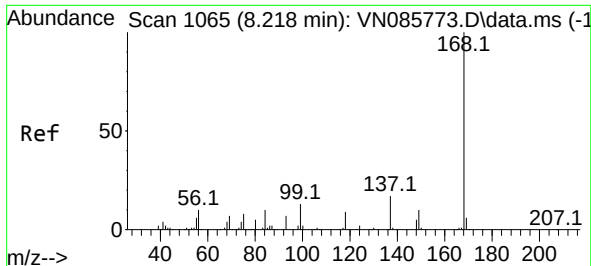
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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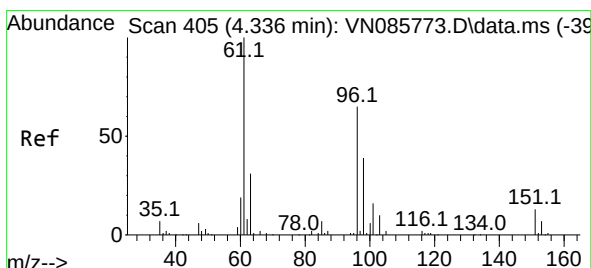
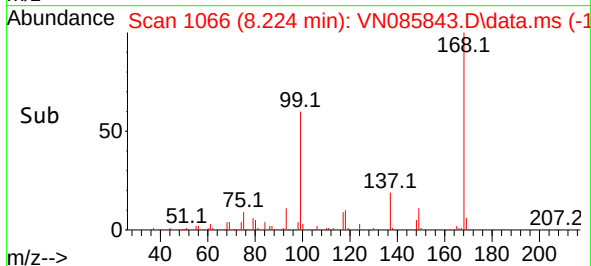
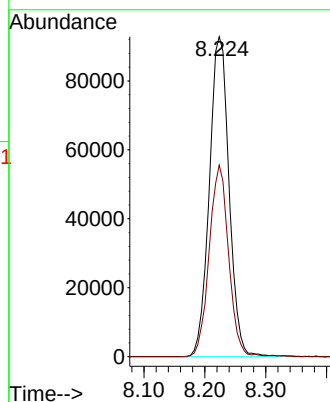
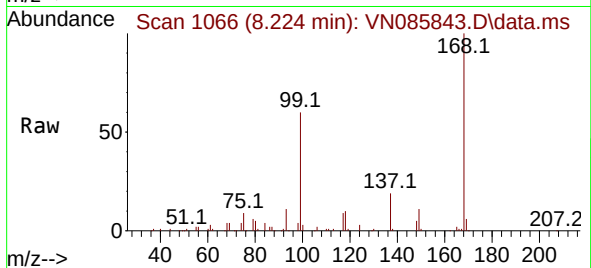




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085843.D
Acq: 24 Feb 2025 17:38

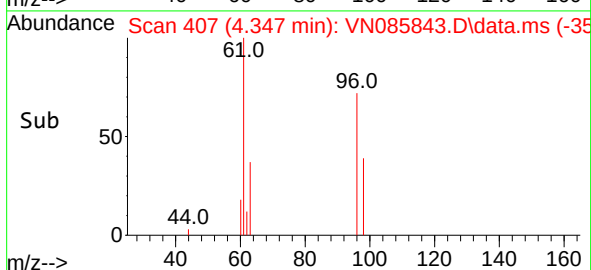
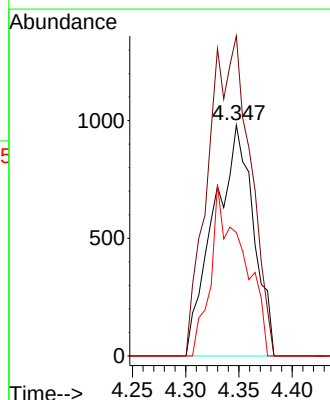
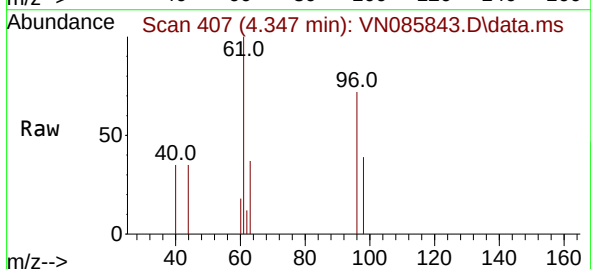
Instrument :
MSVOA_N
ClientSampleId :
MW-30S-021825

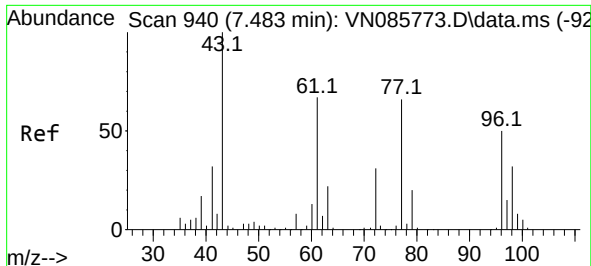
Tgt Ion:168 Resp: 208683
Ion Ratio Lower Upper
168 100
99 59.9 47.9 71.9



#12
1,1-Dichloroethene
Concen: 1.110 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN085843.D
Acq: 24 Feb 2025 17:38

Tgt Ion: 96 Resp: 2541
Ion Ratio Lower Upper
96 100
61 138.6 123.3 184.9
98 53.4 48.6 72.8

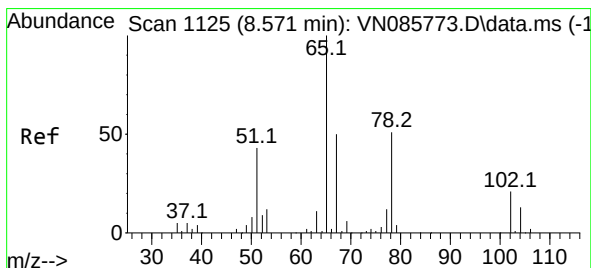
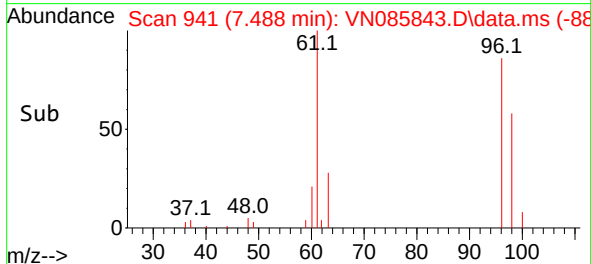
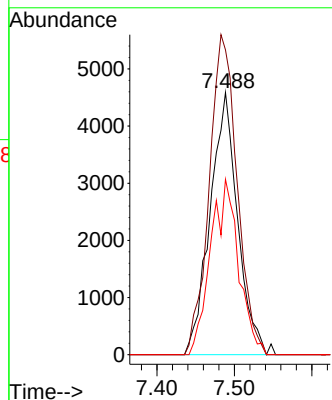
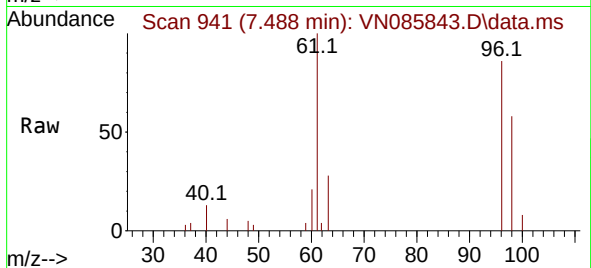




#27
 cis-1,2-Dichloroethene
 Concen: 3.986 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085843.D
 Acq: 24 Feb 2025 17:38

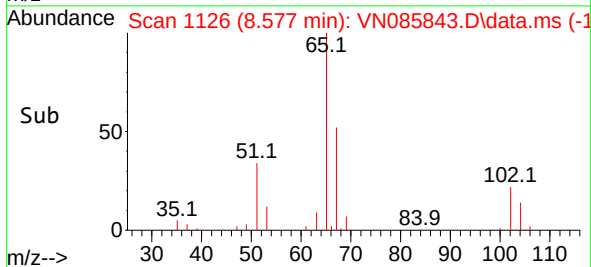
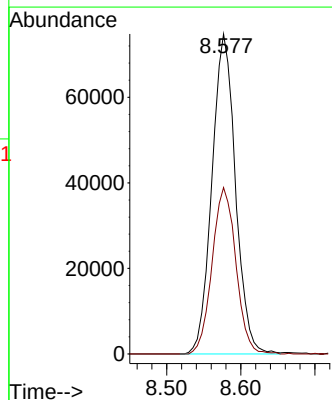
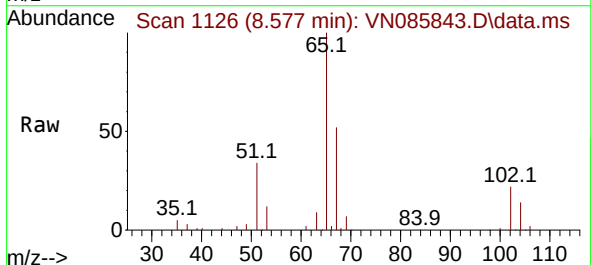
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30S-021825

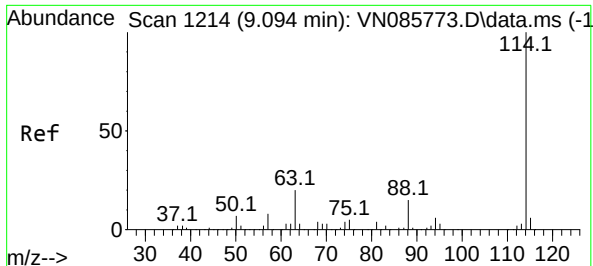
Tgt Ion: 96 Resp: 11389
 Ion Ratio Lower Upper
 96 100
 61 123.3 0.0 280.6
 98 67.8 0.0 128.6



#33
 1,2-Dichloroethane-d4
 Concen: 61.015 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085843.D
 Acq: 24 Feb 2025 17:38

Tgt Ion: 65 Resp: 165076
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085843.D

Acq: 24 Feb 2025 17:38

Instrument :

MSVOA_N

ClientSampleId :

MW-30S-021825

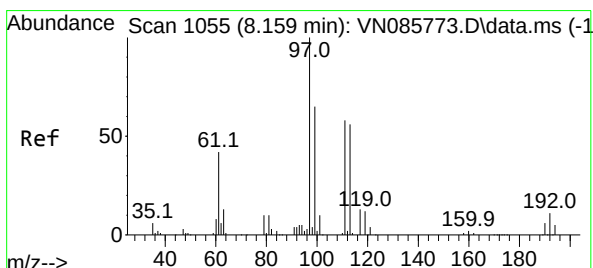
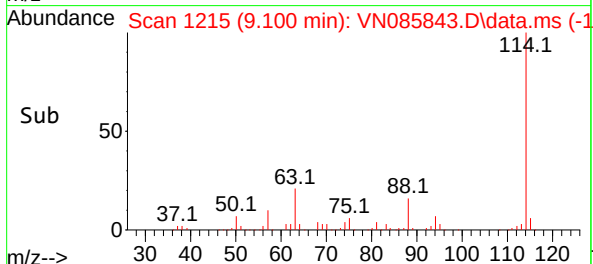
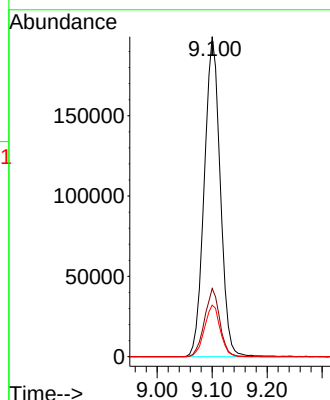
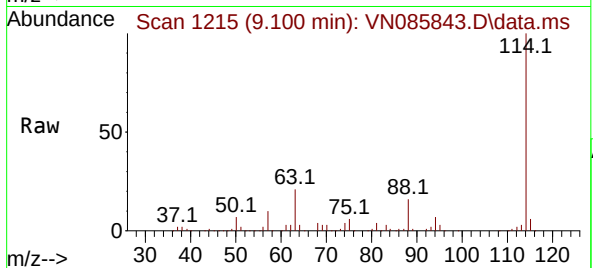
Tgt Ion:114 Resp: 401320

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.2

88 16.1 0.0 30.0



#35

Dibromofluoromethane

Concen: 55.210 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085843.D

Acq: 24 Feb 2025 17:38

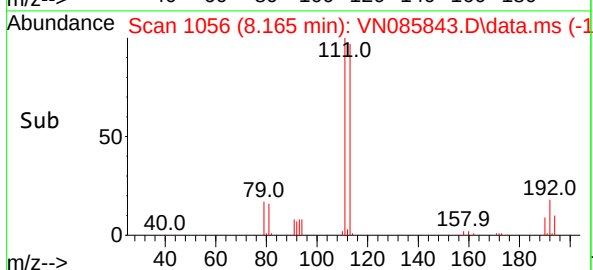
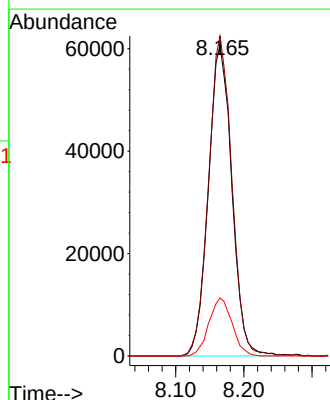
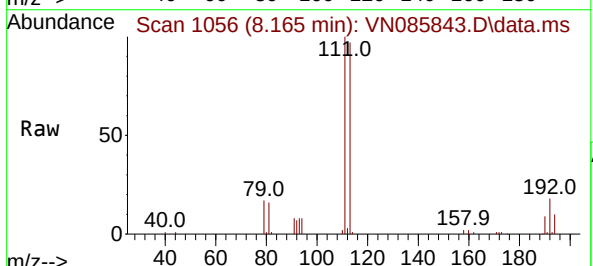
Tgt Ion:113 Resp: 144984

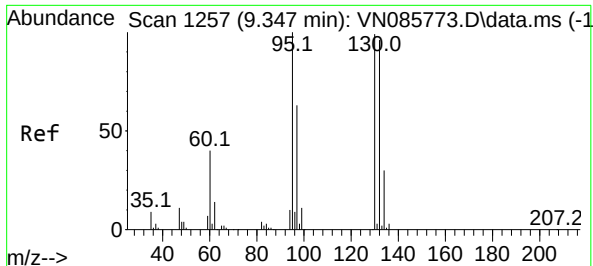
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 18.5 14.7 22.1

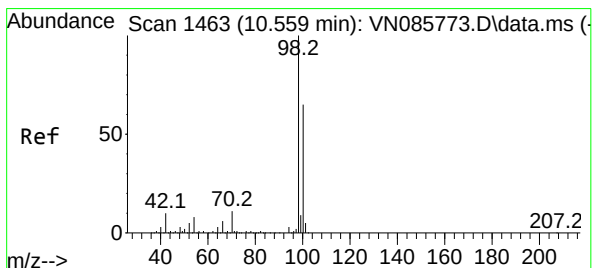
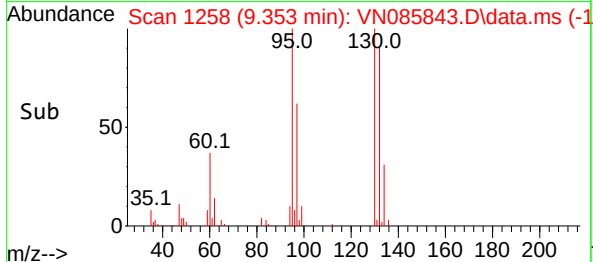
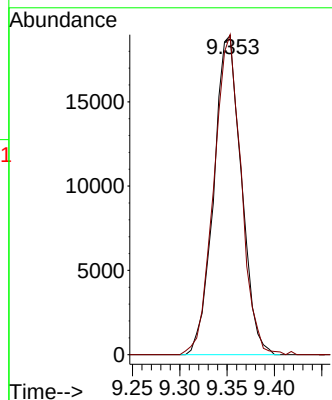
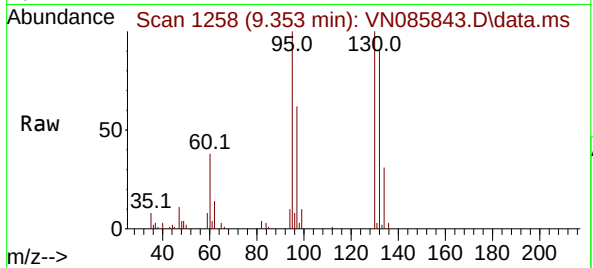




#44
 Trichloroethene
 Concen: 13.080 ug/l
 RT: 9.353 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN085843.D
 Acq: 24 Feb 2025 17:38

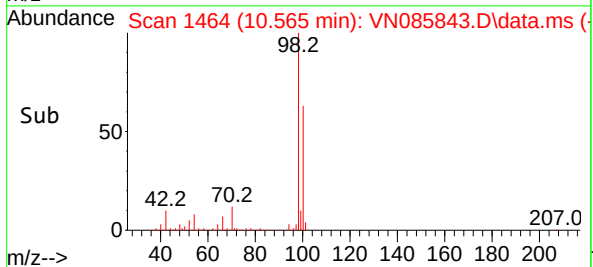
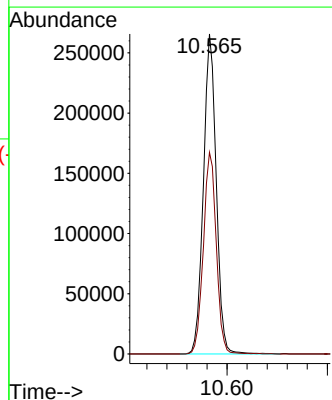
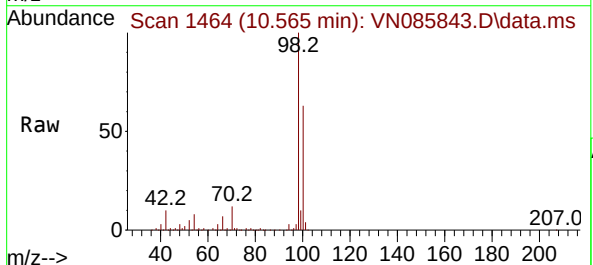
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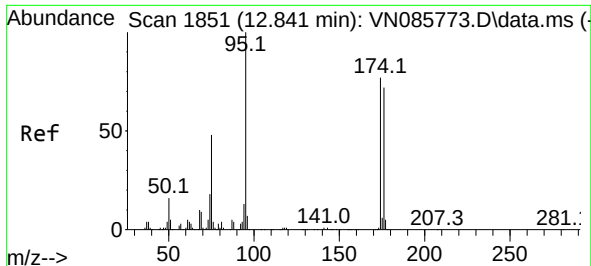
Tgt Ion:130 Resp: 38256
 Ion Ratio Lower Upper
 130 100
 95 100.3 0.0 202.6



#50
 Toluene-d8
 Concen: 49.425 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. 0.006 min
 Lab File: VN085843.D
 Acq: 24 Feb 2025 17:38

Tgt Ion: 98 Resp: 472225
 Ion Ratio Lower Upper
 98 100
 100 63.5 52.1 78.1

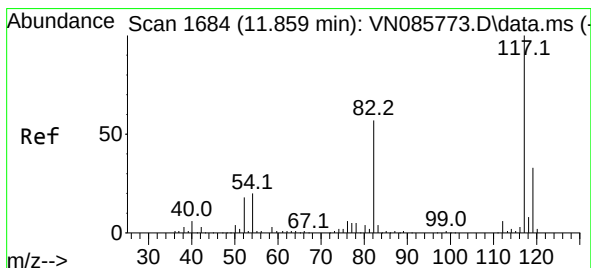
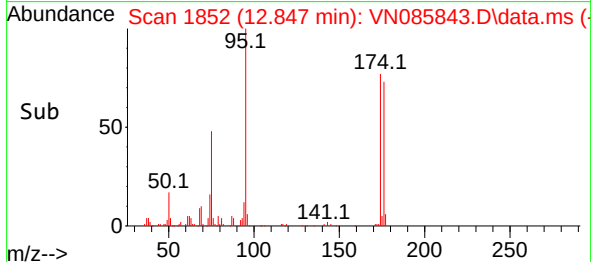
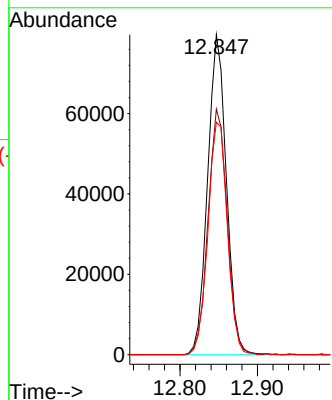
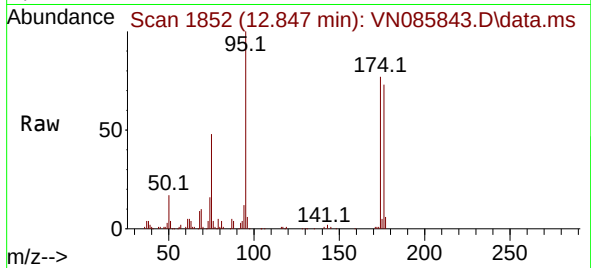




#62
4-Bromofluorobenzene
Concen: 42.478 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085843.D
Acq: 24 Feb 2025 17:38

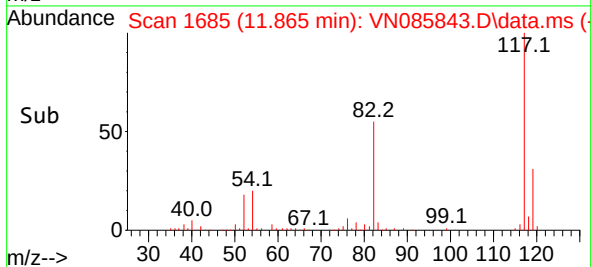
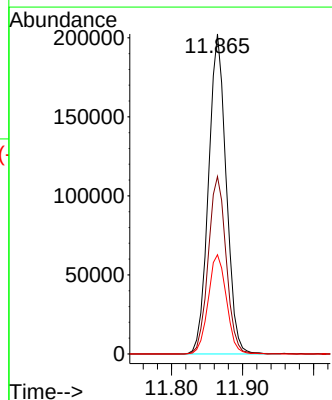
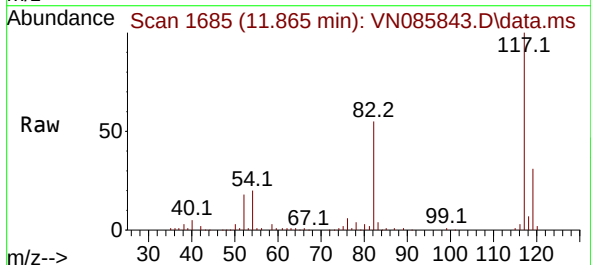
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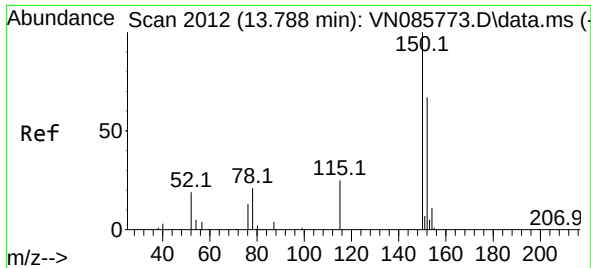
Tgt Ion: 95 Resp: 133719
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.4
176 75.2 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085843.D
Acq: 24 Feb 2025 17:38

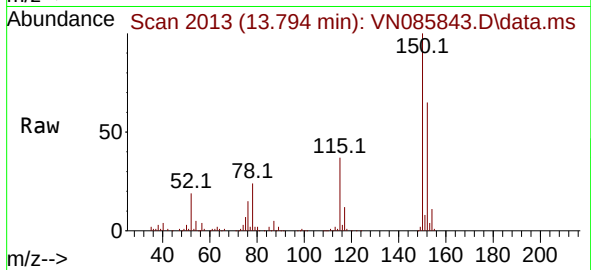
Tgt Ion: 117 Resp: 350062
Ion Ratio Lower Upper
117 100
82 55.4 45.7 68.5
119 31.0 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085843.D
 Acq: 24 Feb 2025 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30S-021825



Tgt Ion:152 Resp: 131978
 Ion Ratio Lower Upper
 152 100
 115 59.6 30.4 91.3
 150 158.2 0.0 345.4

