

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031425\
 Data File : VN085991.D
 Acq On : 14 Mar 2025 15:57
 Operator : JC\MD
 Sample : Q1575-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW7

Quant Time: Mar 15 00:04:35 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)

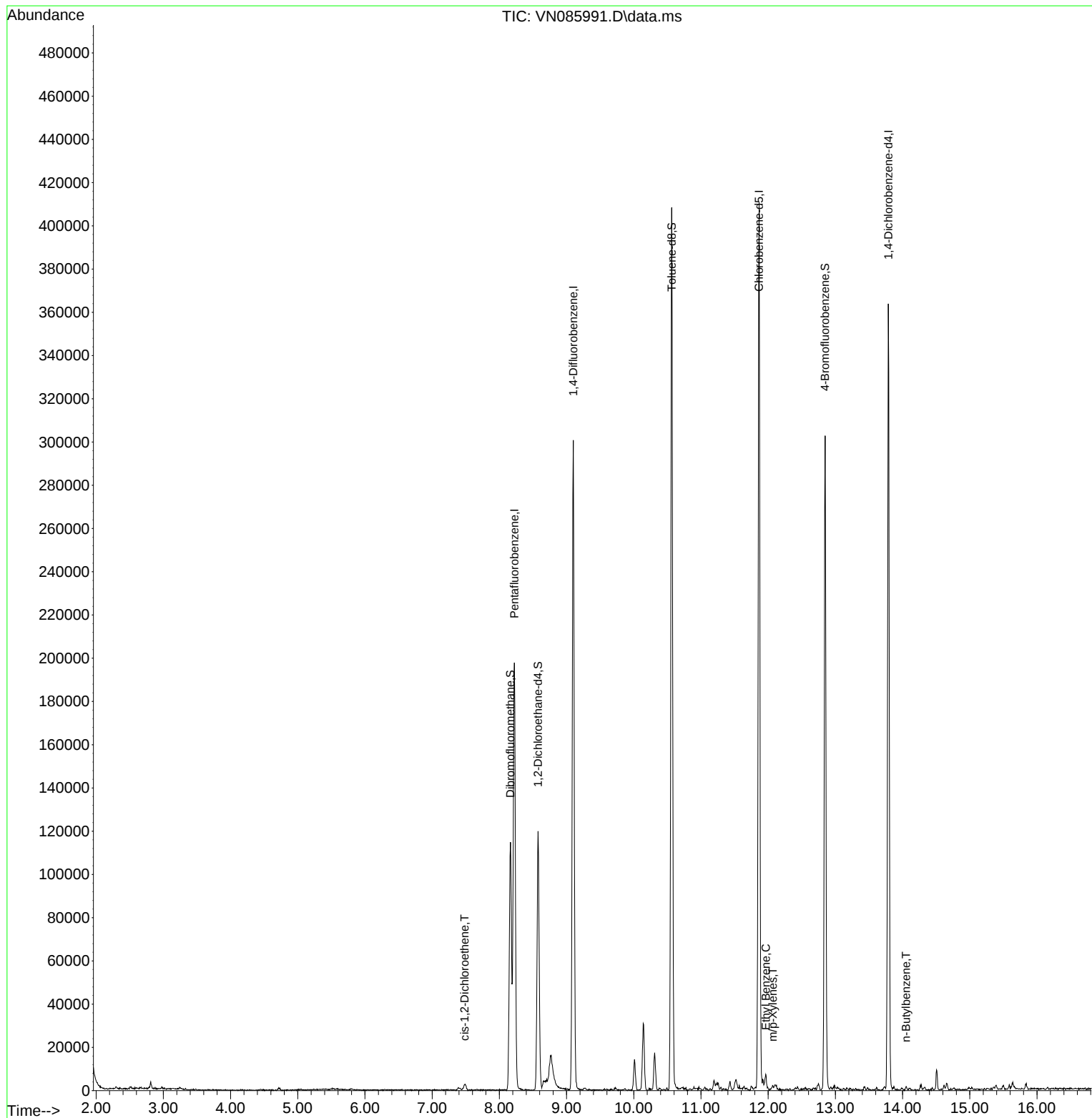
Internal Standards						
1) Pentafluorobenzene	8.224	168	143229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97280	52.388	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.780%	
35) Dibromofluoromethane	8.165	113	81746	48.722	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.440%	
50) Toluene-d8	10.565	98	287315	47.067	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.140%	
62) 4-Bromofluorobenzene	12.847	95	106931	53.167	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.340%	
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	7.483	96	2002	1.021	ug/l	84
67) Ethyl Benzene	11.965	91	5439	0.633	ug/l	94
68) m/p-Xylenes	12.071	106	1125	0.345	ug/l	82
89) n-Butylbenzene	14.053	91	1543	0.325	ug/l	75

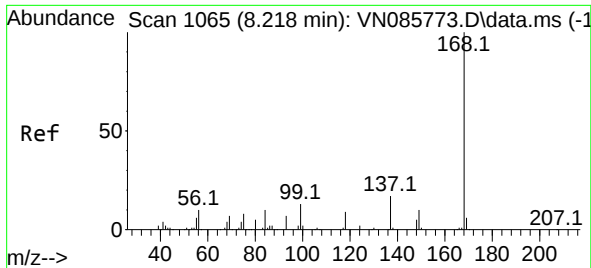
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

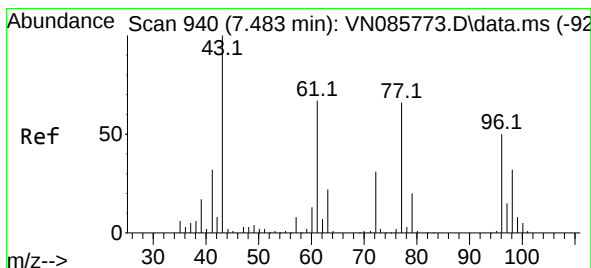
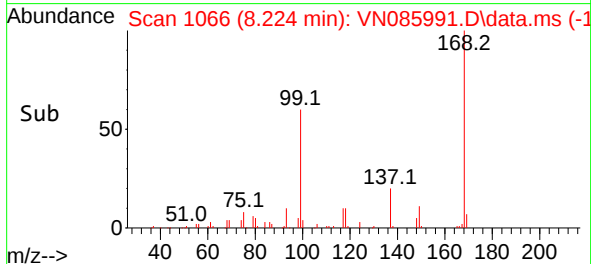
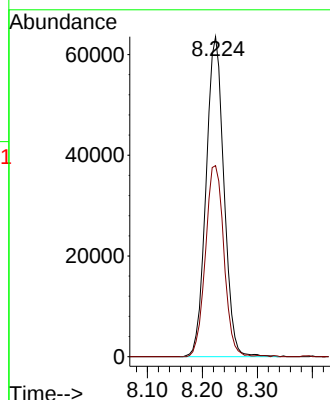
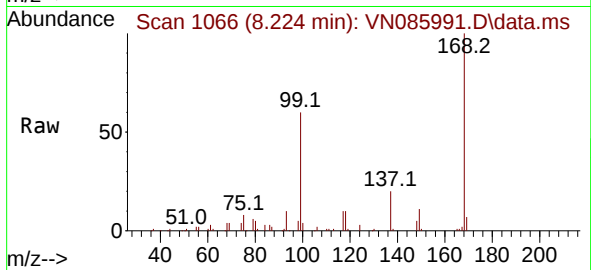




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085991.D
Acq: 14 Mar 2025 15:57

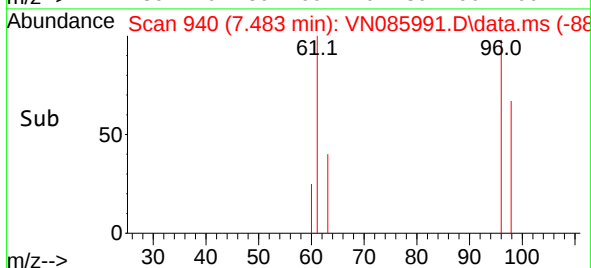
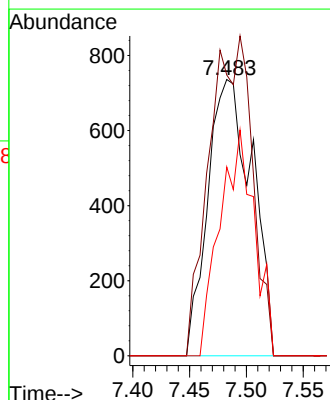
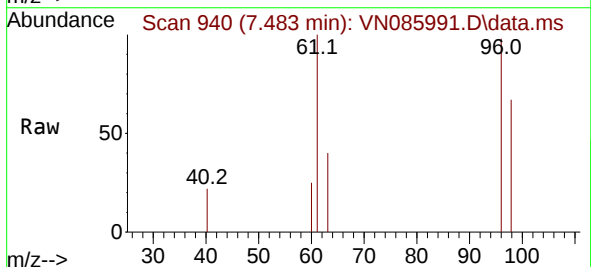
Instrument :
MSVOA_N
ClientSampleId :
MW7

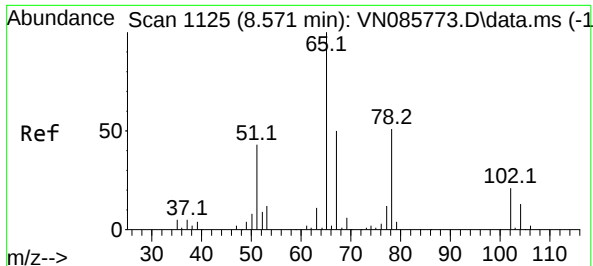
Tgt Ion:168 Resp: 143229
Ion Ratio Lower Upper
168 100
99 59.7 47.9 71.9



#27
cis-1,2-Dichloroethene
Concen: 1.021 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085991.D
Acq: 14 Mar 2025 15:57

Tgt Ion: 96 Resp: 2002
Ion Ratio Lower Upper
96 100
61 111.9 0.0 280.6
98 63.4 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 52.388 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085991.D

Acq: 14 Mar 2025 15:57

Instrument :

MSVOA_N

ClientSampleId :

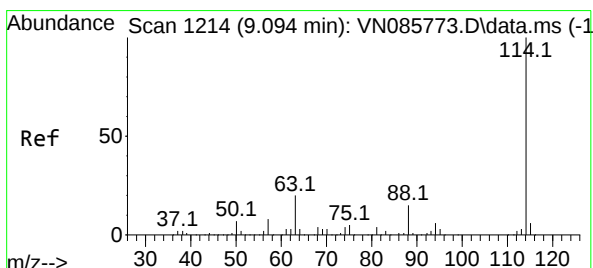
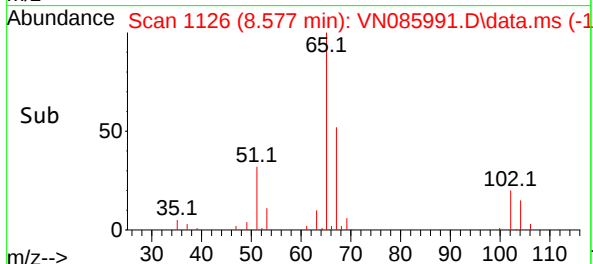
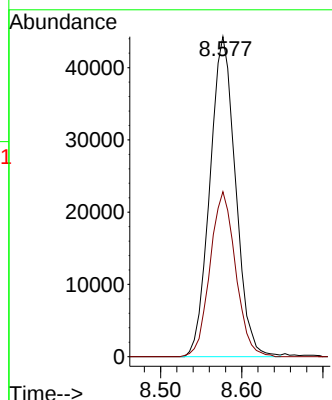
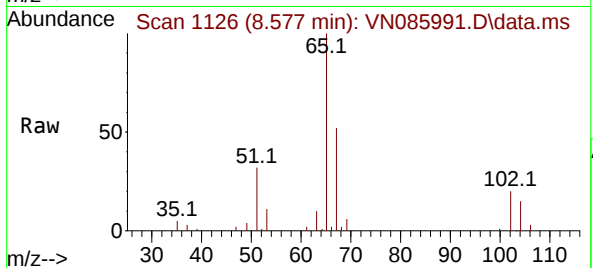
MW7

Tgt Ion: 65 Resp: 97280

Ion Ratio Lower Upper

65 100

67 51.4 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: VN085991.D

Acq: 14 Mar 2025 15:57

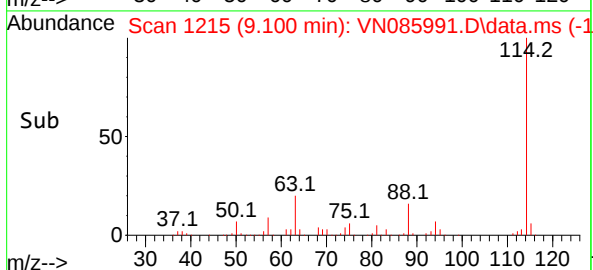
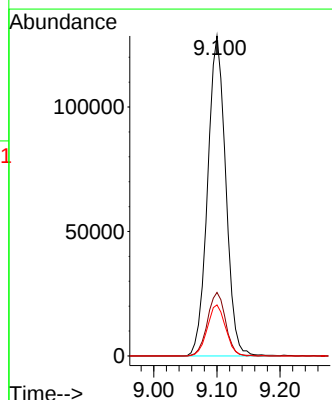
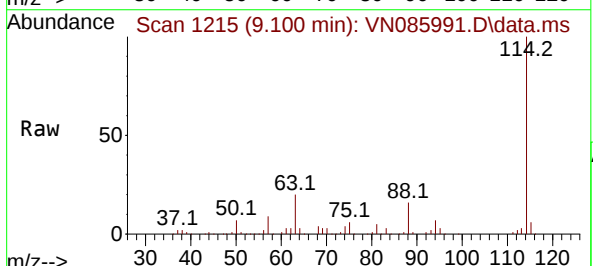
Tgt Ion: 114 Resp: 256406

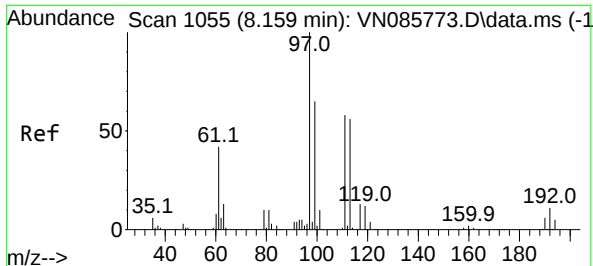
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

88 16.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.722 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085991.D

Acq: 14 Mar 2025 15:57

Instrument :

MSVOA_N

ClientSampleId :

MW7

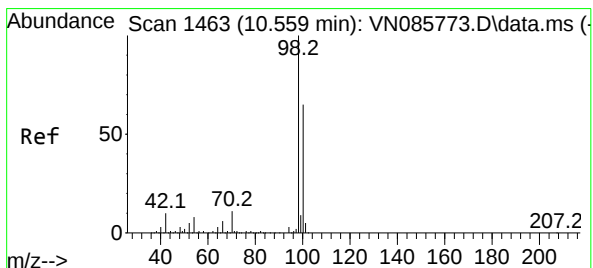
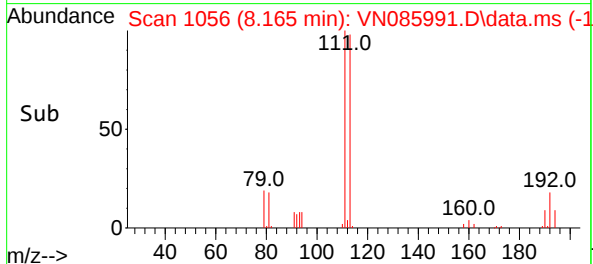
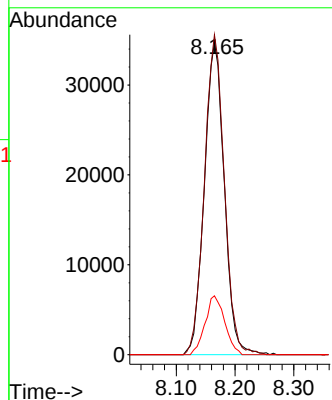
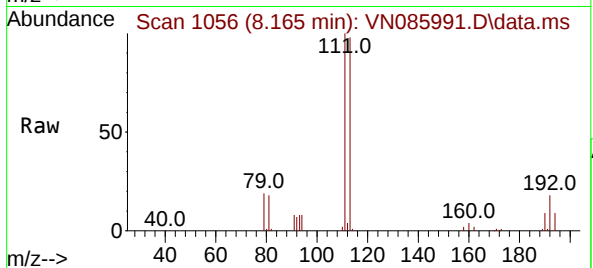
Tgt Ion:113 Resp: 81746

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 18.5 14.7 22.1



#50

Toluene-d8

Concen: 47.067 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085991.D

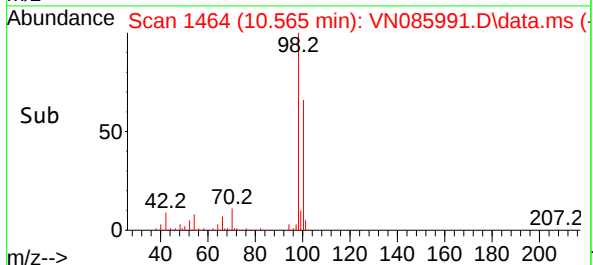
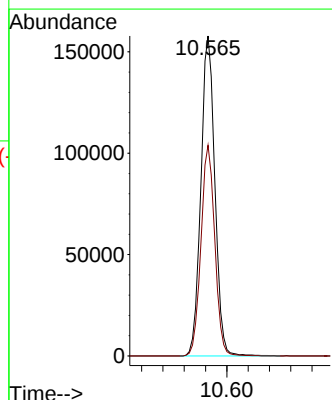
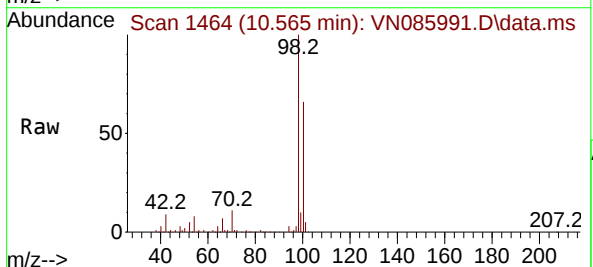
Acq: 14 Mar 2025 15:57

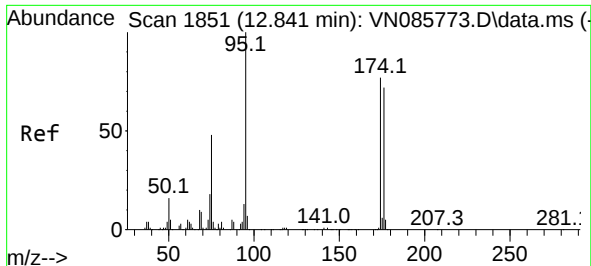
Tgt Ion: 98 Resp: 287315

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

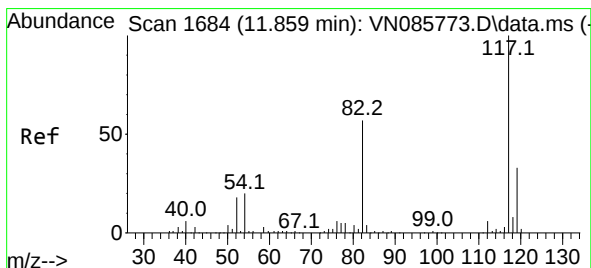
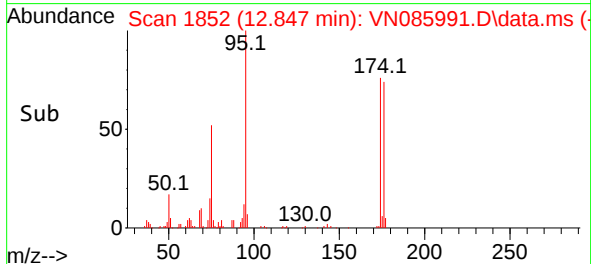
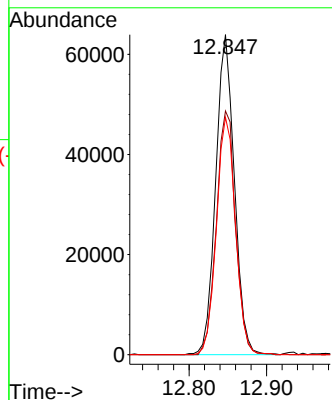
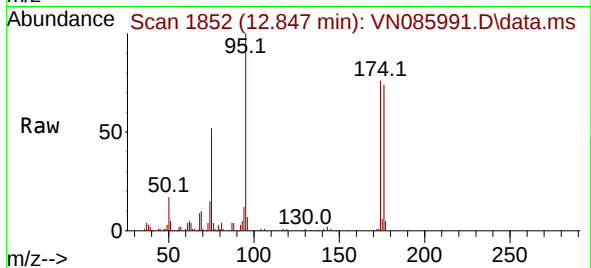




#62
4-Bromofluorobenzene
Concen: 53.167 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085991.D
Acq: 14 Mar 2025 15:57

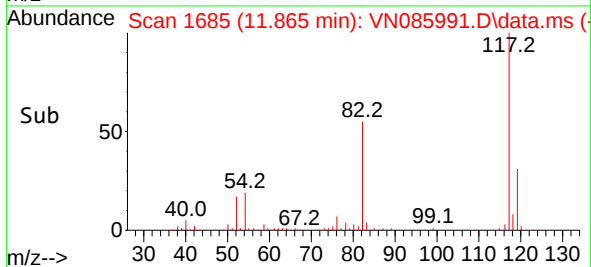
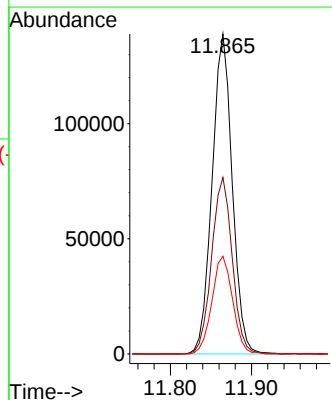
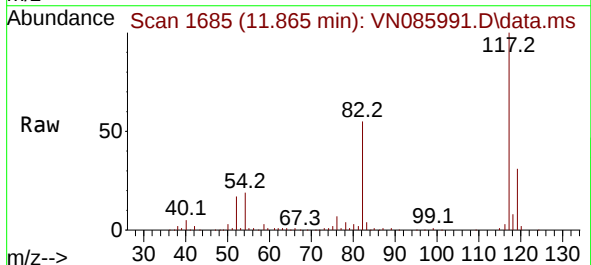
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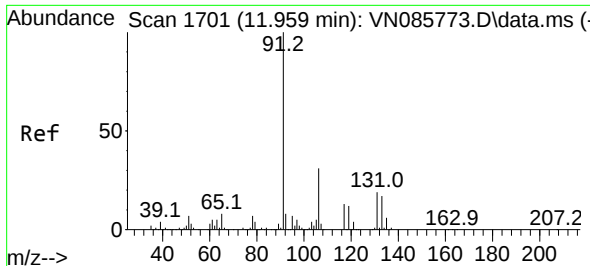
Tgt Ion: 95 Resp: 106931
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.4
176 75.8 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085991.D
Acq: 14 Mar 2025 15:57

Tgt Ion: 117 Resp: 239550
Ion Ratio Lower Upper
117 100
82 55.1 45.7 68.5
119 30.6 26.2 39.2

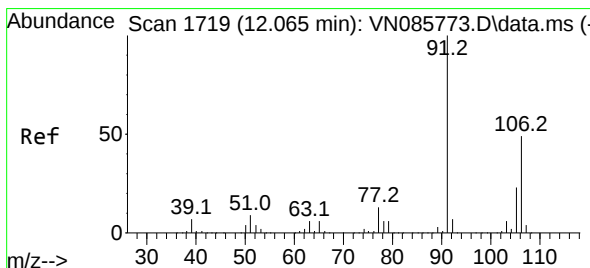
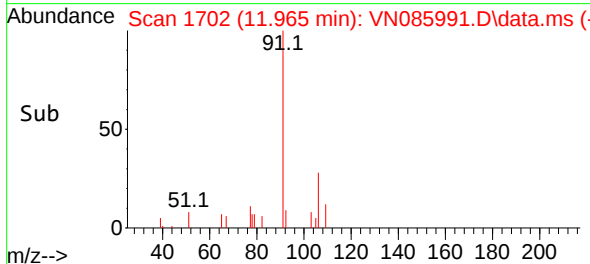
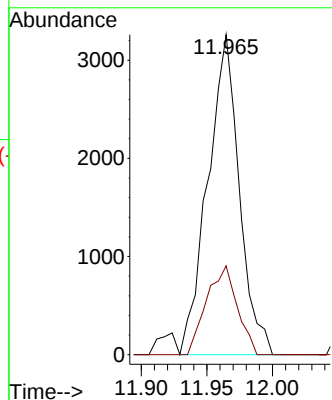
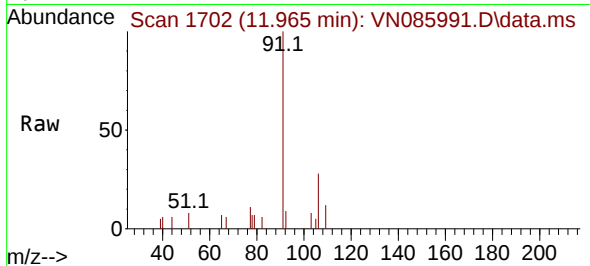




#67
Ethyl Benzene
Concen: 0.633 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085991.D
Acq: 14 Mar 2025 15:57

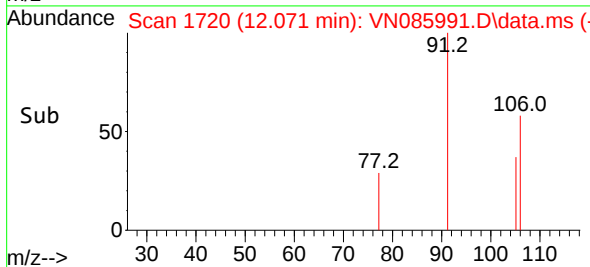
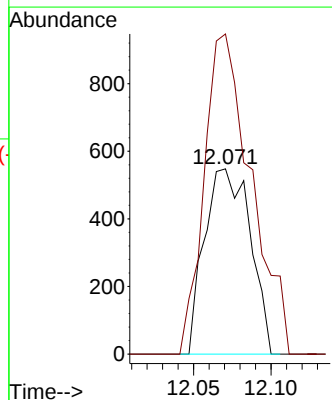
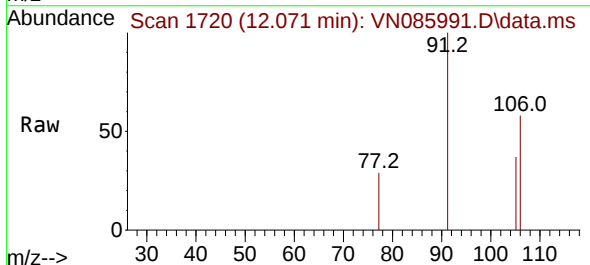
Instrument :
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ClientSampleId :
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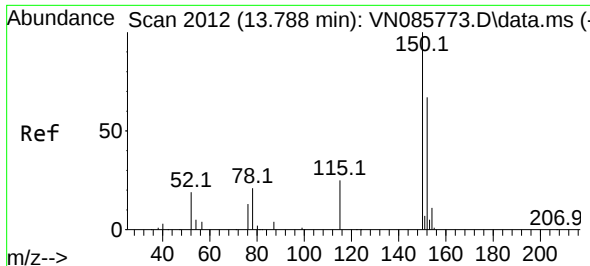
Tgt Ion: 91 Resp: 5439
Ion Ratio Lower Upper
91 100
106 27.8 24.7 37.1



#68
m/p-Xylenes
Concen: 0.345 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085991.D
Acq: 14 Mar 2025 15:57

Tgt Ion: 106 Resp: 1125
Ion Ratio Lower Upper
106 100
91 177.0 163.3 244.9

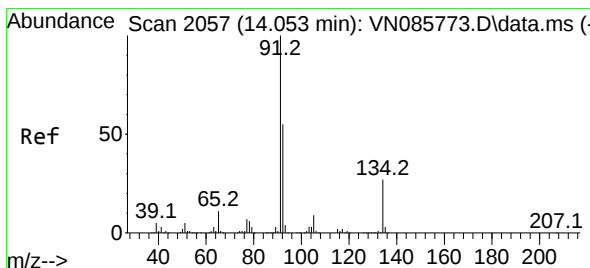
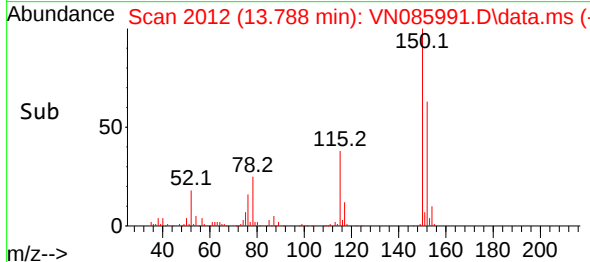
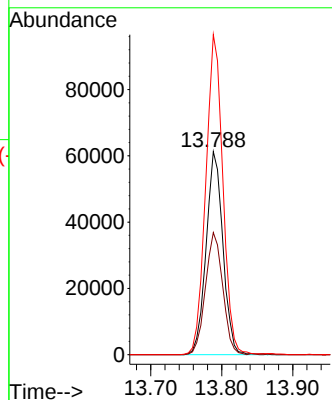
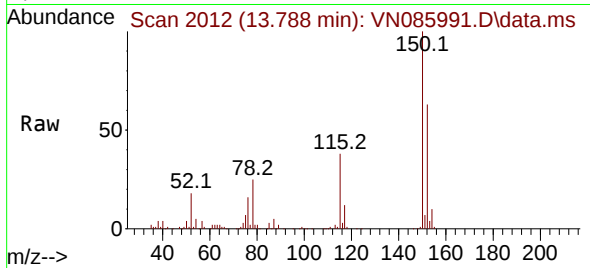




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085991.D
Acq: 14 Mar 2025 15:57

Instrument :
MSVOA_N
ClientSampleId :
MW7

Tgt Ion:152 Resp: 100914
Ion Ratio Lower Upper
152 100
115 61.8 30.4 91.3
150 159.8 0.0 345.4



#89
n-Butylbenzene
Concen: 0.325 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085991.D
Acq: 14 Mar 2025 15:57

Tgt Ion: 91 Resp: 1543
Ion Ratio Lower Upper
91 100
92 35.6 27.1 81.3
134 14.5 12.7 38.1

