

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
 Data File : VN085723.D
 Acq On : 10 Feb 2025 15:00
 Operator : JC\MD
 Sample : Q1293-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-2123

Quant Time: Feb 11 03:22:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

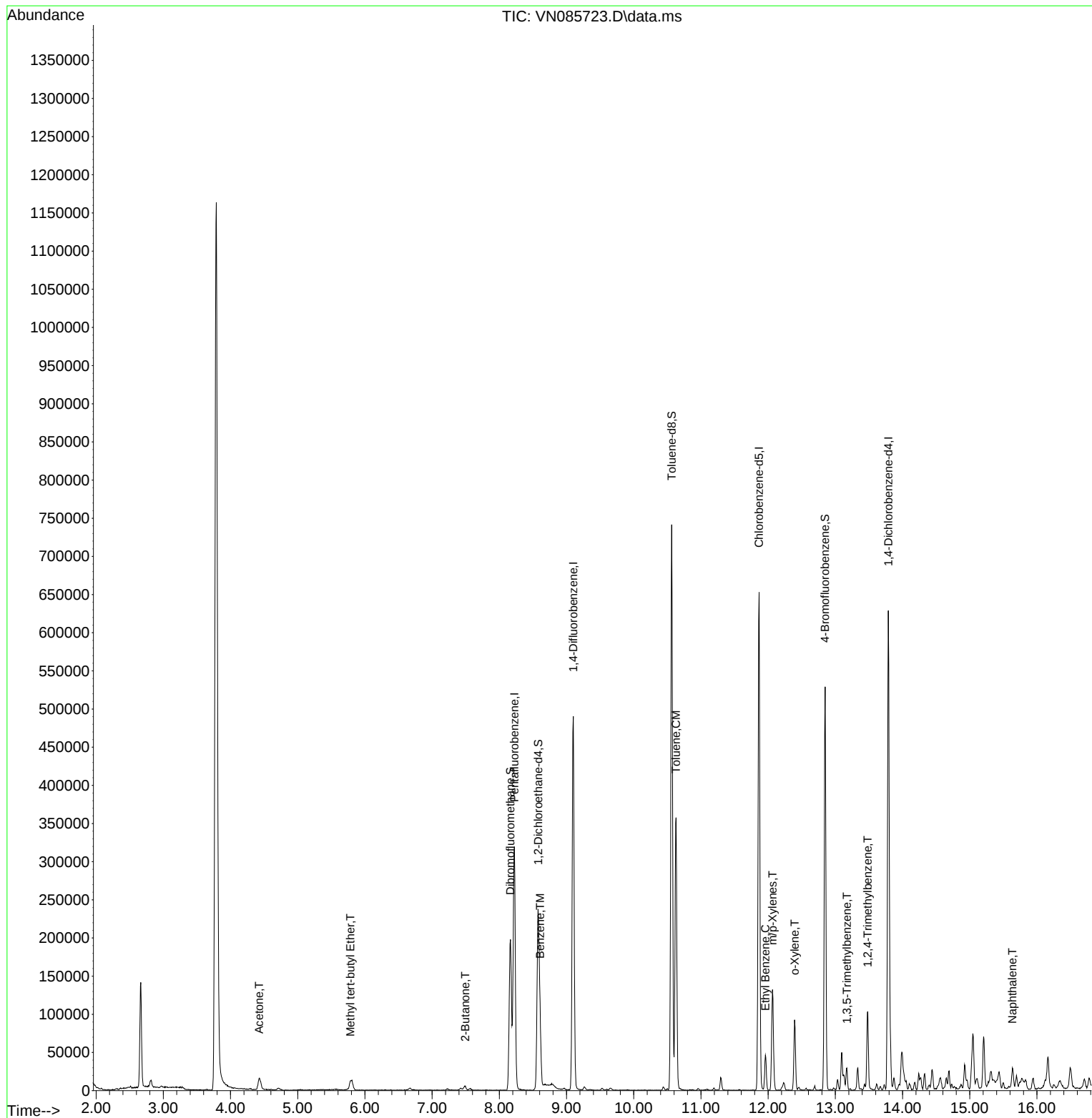
Internal Standards						
1) Pentafluorobenzene	8.224	168	227601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	420876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	373052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	169201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	178963	48.711	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.420%		
35) Dibromofluoromethane	8.165	113	146496	50.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.340%		
50) Toluene-d8	10.565	98	513618	49.509	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.020%		
62) 4-Bromofluorobenzene	12.847	95	180931	50.985	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.960%		
Target Compounds						Qvalue
16) Acetone	4.424	43	29861	25.155	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	21368	2.694	ug/l	96
25) 2-Butanone	7.494	43	8913	5.102	ug/l	93
40) Benzene	8.606	78	90318	7.335	ug/l	97
52) Toluene	10.630	92	158159	22.169	ug/l	99
67) Ethyl Benzene	11.959	91	33033	2.482	ug/l	98
68) m/p-Xylenes	12.065	106	41946	8.527	ug/l	95
69) o-Xylene	12.394	106	25445	5.412	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	14431	1.530	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	58587	6.232	ug/l	99
95) Naphthalene	15.635	128	24887	3.274	ug/l	97

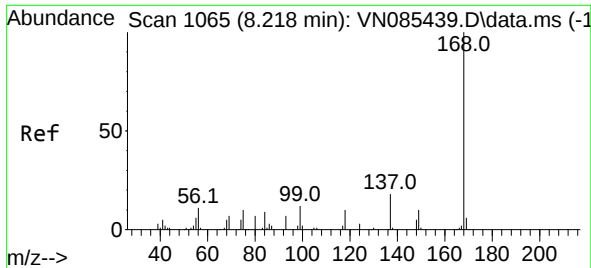
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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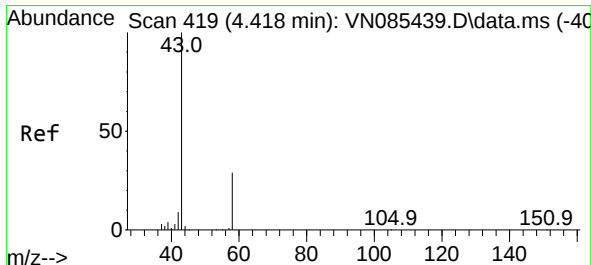
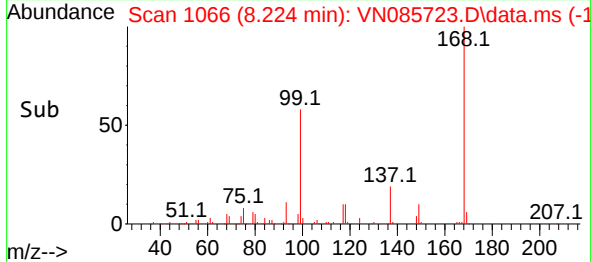
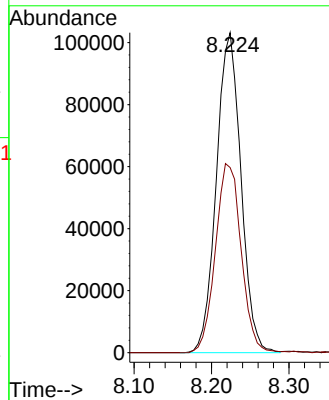
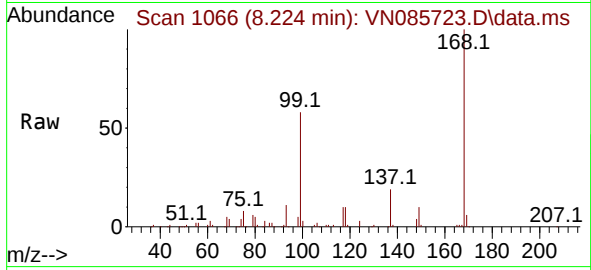




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085723.D
Acq: 10 Feb 2025 15:00

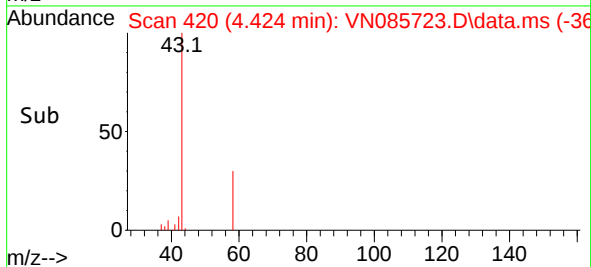
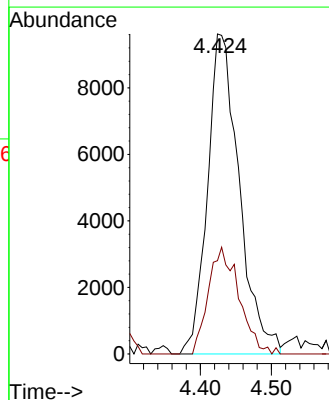
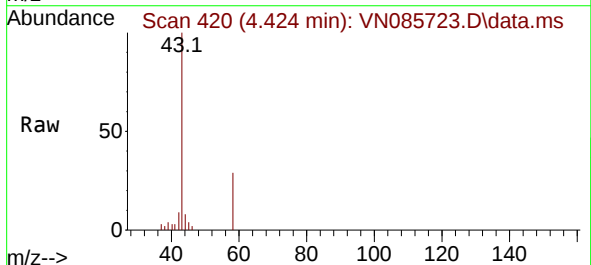
Instrument :
MSVOA_N
ClientSampleId :
NWB-2123

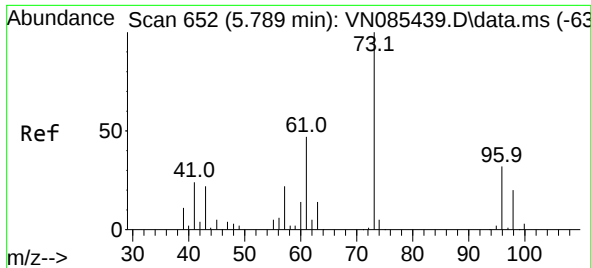
Tgt Ion:168 Resp: 227601
Ion Ratio Lower Upper
168 100
99 57.9 53.6 80.4



#16
Acetone
Concen: 25.155 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085723.D
Acq: 10 Feb 2025 15:00

Tgt Ion: 43 Resp: 29861
Ion Ratio Lower Upper
43 100
58 29.1 23.8 35.6

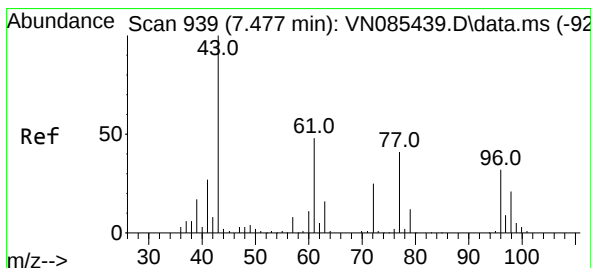
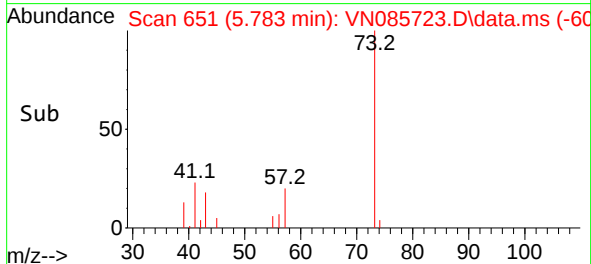
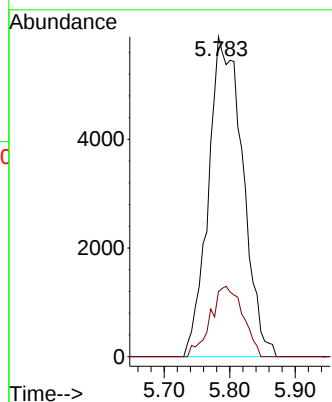
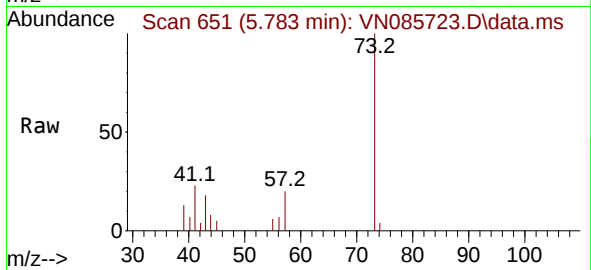




#19
Methyl tert-butyl Ether
Concen: 2.694 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN085723.D
Acq: 10 Feb 2025 15:00

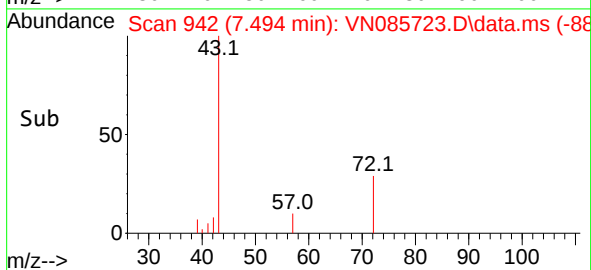
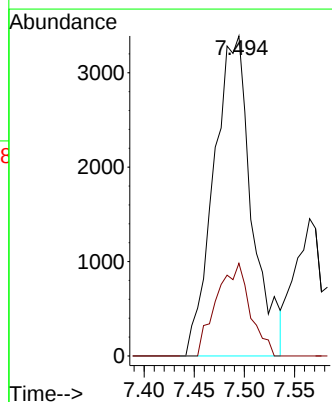
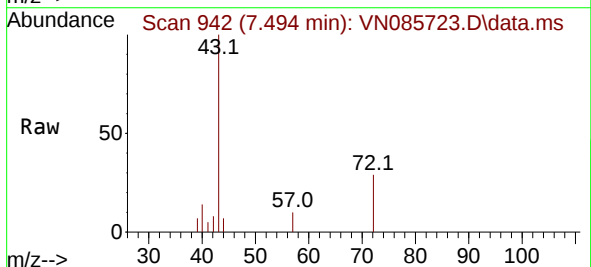
Instrument :
MSVOA_N
ClientSampleId :
NWB-2123

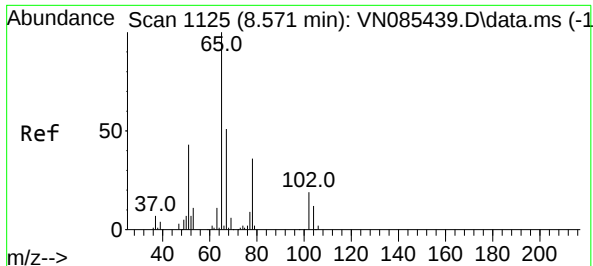
Tgt Ion: 73 Resp: 21368
Ion Ratio Lower Upper
73 100
57 20.3 17.8 26.8



#25
2-Butanone
Concen: 5.102 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN085723.D
Acq: 10 Feb 2025 15:00

Tgt Ion: 43 Resp: 8913
Ion Ratio Lower Upper
43 100
72 28.9 20.2 30.4





#33

1,2-Dichloroethane-d4

Concen: 48.711 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085723.D

Acq: 10 Feb 2025 15:00

Instrument :

MSVOA_N

ClientSampleId :

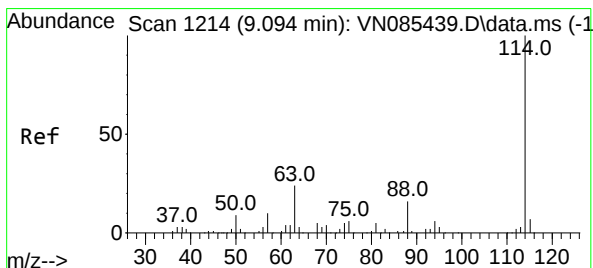
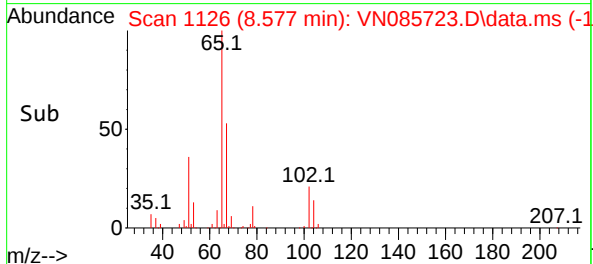
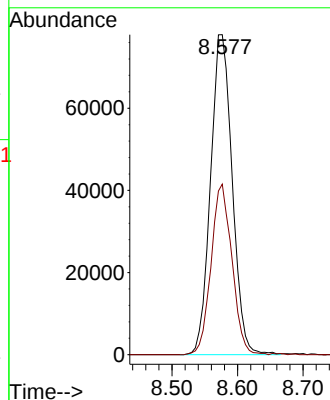
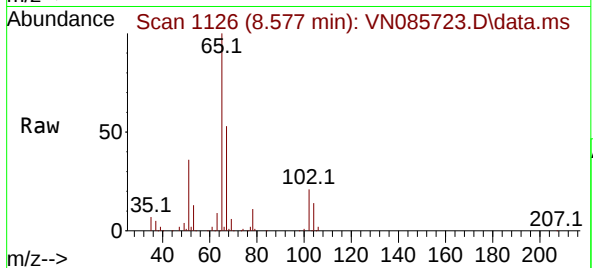
NWB-2123

Tgt Ion: 65 Resp: 178963

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085723.D

Acq: 10 Feb 2025 15:00

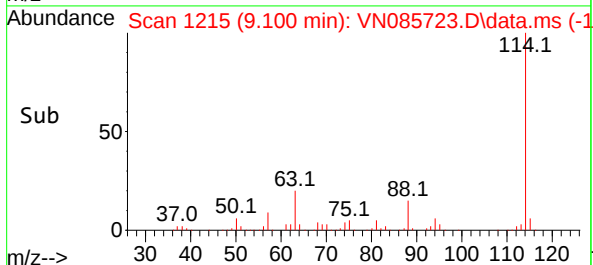
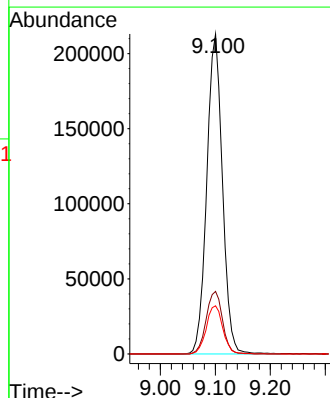
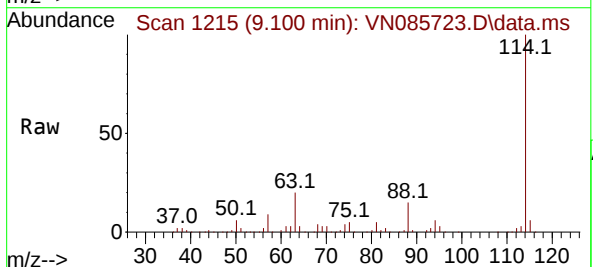
Tgt Ion: 114 Resp: 420876

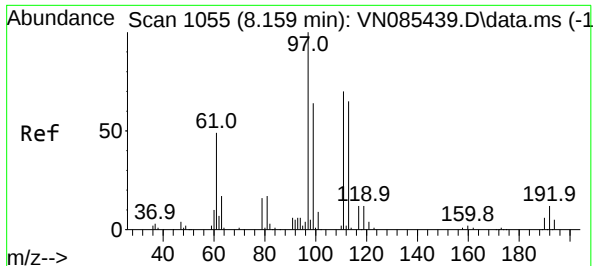
Ion Ratio Lower Upper

114 100

63 19.6 0.0 47.6

88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.173 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085723.D

Acq: 10 Feb 2025 15:00

Instrument :

MSVOA_N

ClientSampleId :

NWB-2123

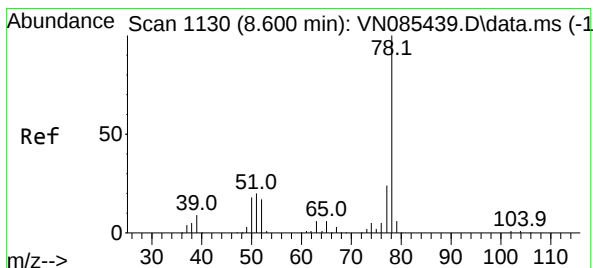
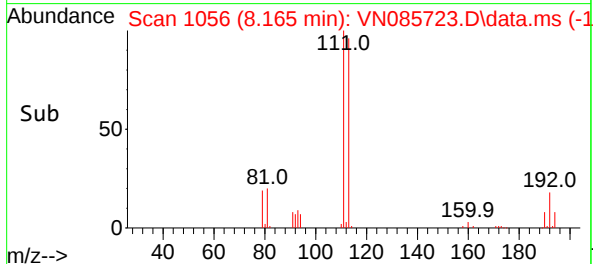
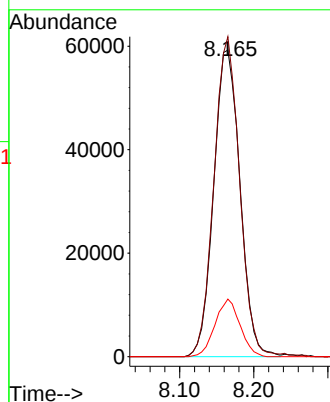
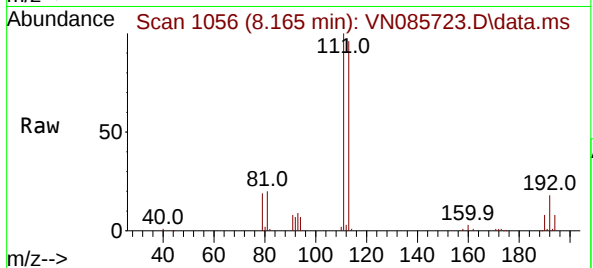
Tgt Ion:113 Resp: 146496

Ion Ratio Lower Upper

113 100

111 101.9 82.7 124.1

192 17.8 14.3 21.5



#40

Benzene

Concen: 7.335 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085723.D

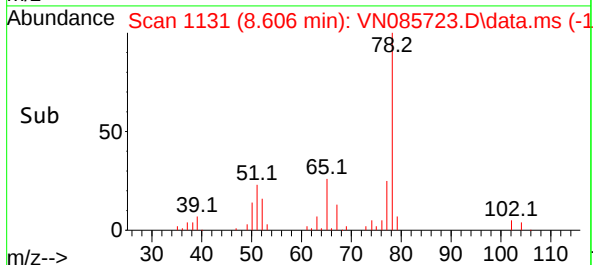
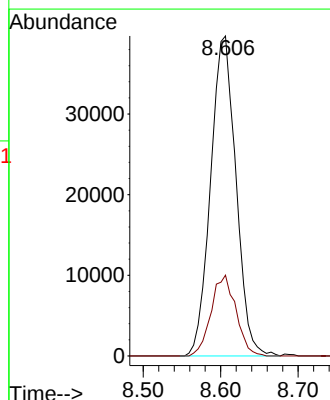
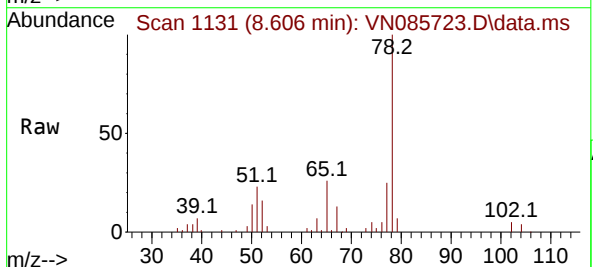
Acq: 10 Feb 2025 15:00

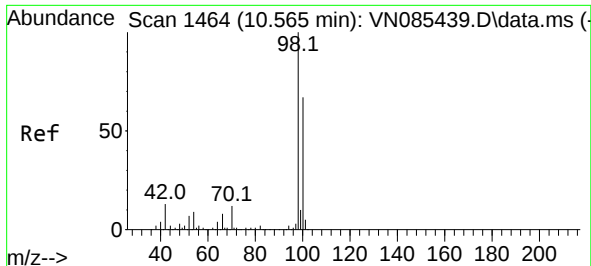
Tgt Ion: 78 Resp: 90318

Ion Ratio Lower Upper

78 100

77 25.2 19.0 28.6

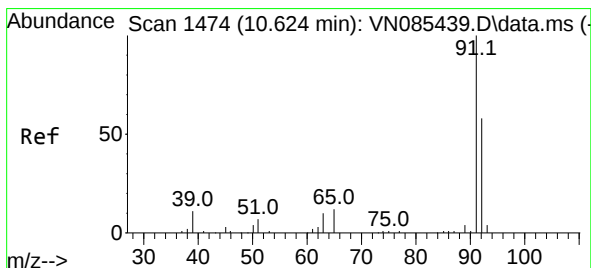
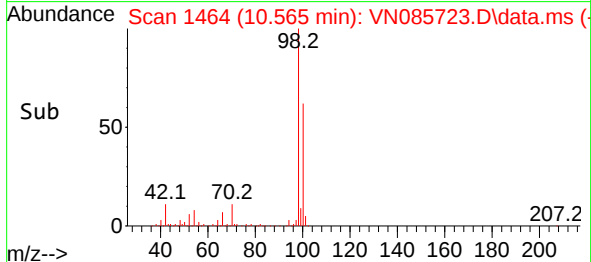
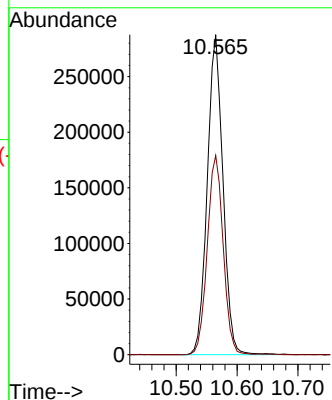
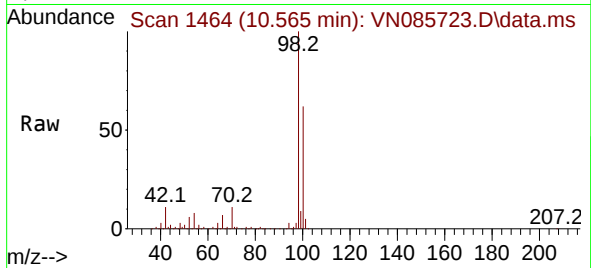




#50
Toluene-d8
Concen: 49.509 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085723.D
Acq: 10 Feb 2025 15:00

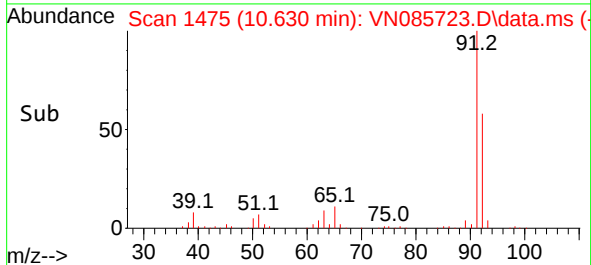
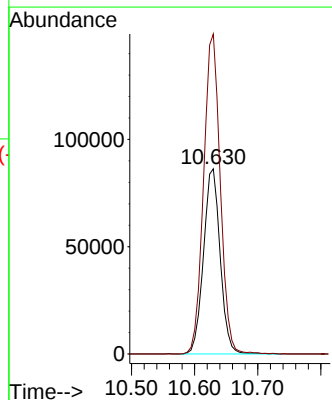
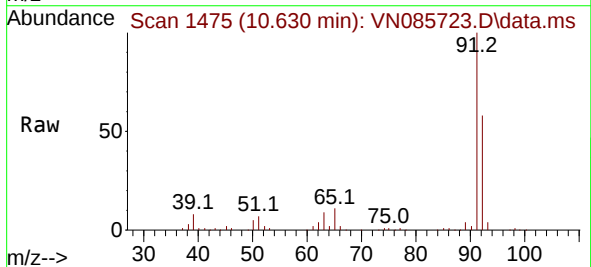
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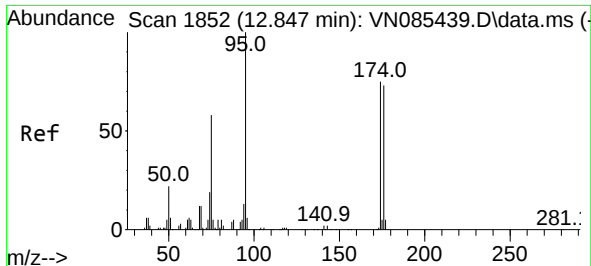
Tgt Ion: 98 Resp: 513618
Ion Ratio Lower Upper
98 100
100 63.1 52.2 78.4



#52
Toluene
Concen: 22.169 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085723.D
Acq: 10 Feb 2025 15:00

Tgt Ion: 92 Resp: 158159
Ion Ratio Lower Upper
92 100
91 173.3 139.2 208.8

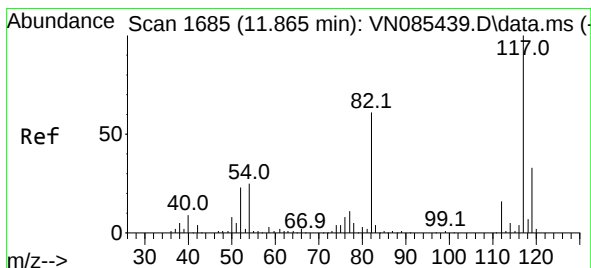
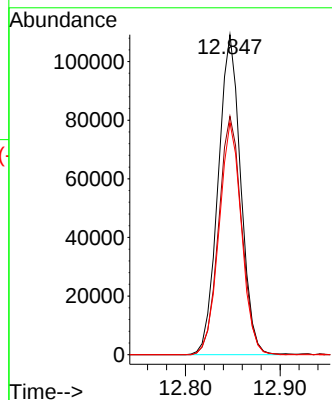
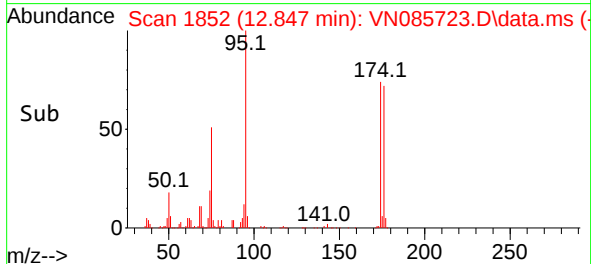
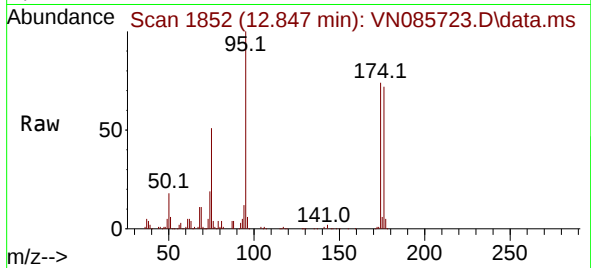




#62
4-Bromofluorobenzene
Concen: 50.985 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085723.D
Acq: 10 Feb 2025 15:00

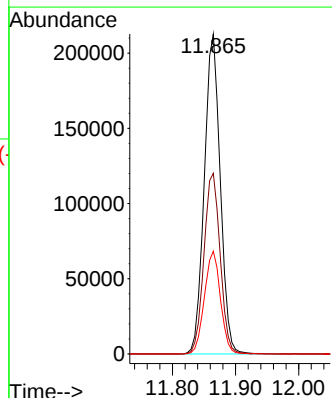
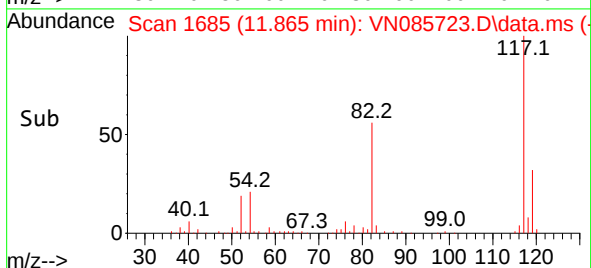
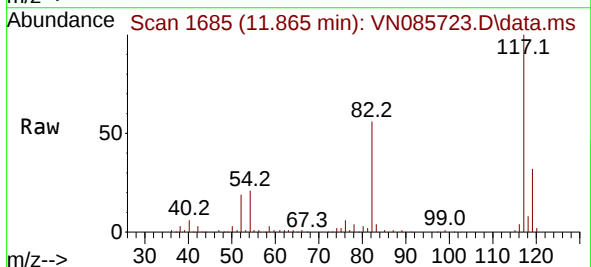
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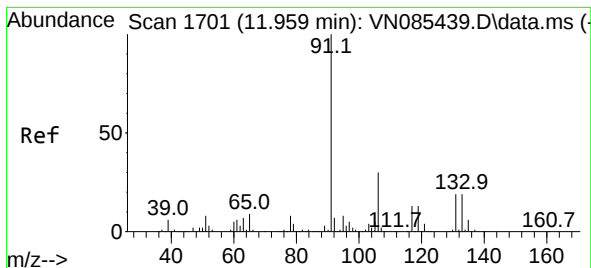
Tgt Ion: 95 Resp: 180931
Ion Ratio Lower Upper
95 100
174 76.0 0.0 145.0
176 72.0 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085723.D
Acq: 10 Feb 2025 15:00

Tgt Ion: 117 Resp: 373052
Ion Ratio Lower Upper
117 100
82 56.5 48.6 72.8
119 32.1 26.6 39.8





#67

Ethyl Benzene

Concen: 2.482 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085723.D

Acq: 10 Feb 2025 15:00

Instrument :

MSVOA_N

ClientSampleId :

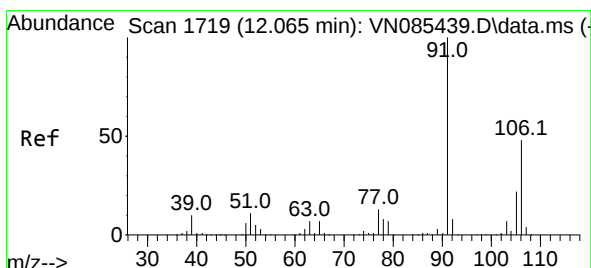
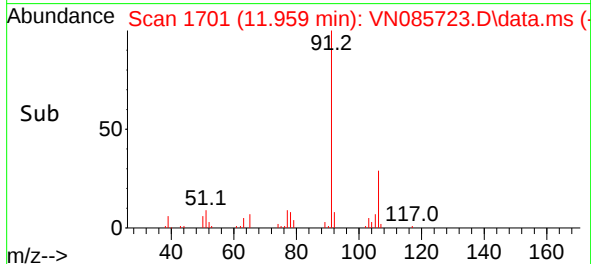
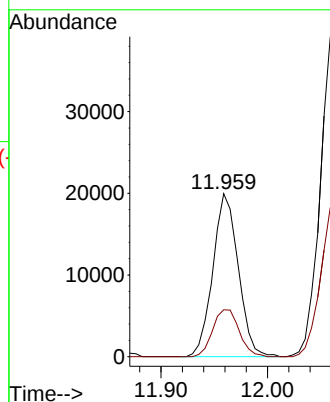
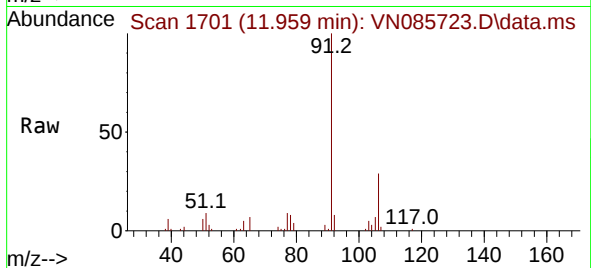
NWB-2123

Tgt Ion: 91 Resp: 33033

Ion Ratio Lower Upper

91 100

106 28.7 23.8 35.8



#68

m/p-Xylenes

Concen: 8.527 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VN085723.D

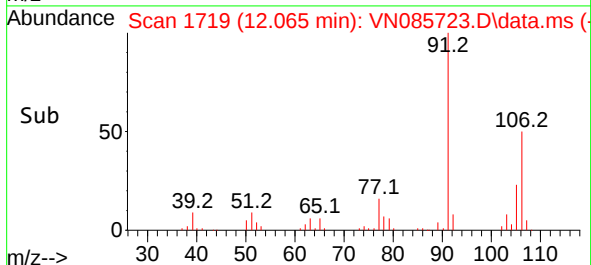
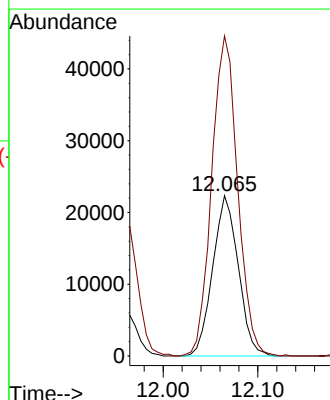
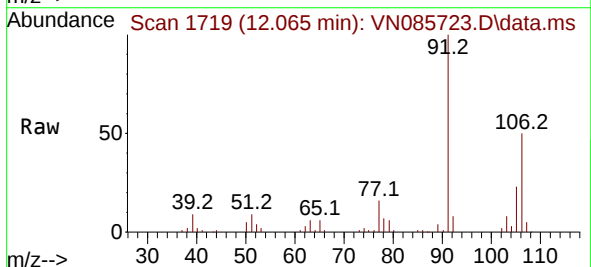
Acq: 10 Feb 2025 15:00

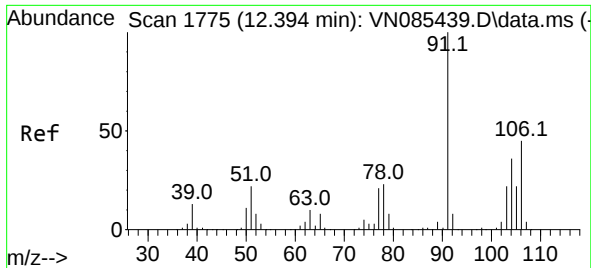
Tgt Ion:106 Resp: 41946

Ion Ratio Lower Upper

106 100

91 202.5 167.7 251.5

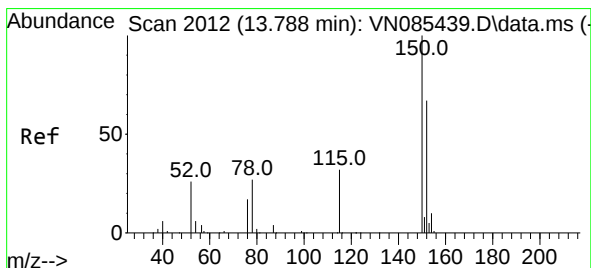
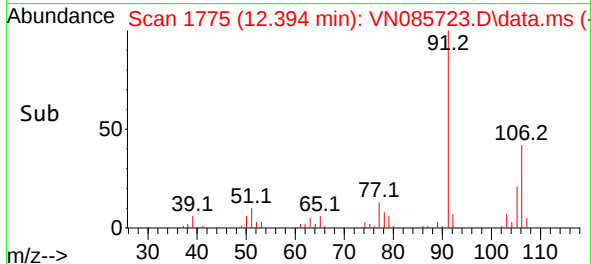
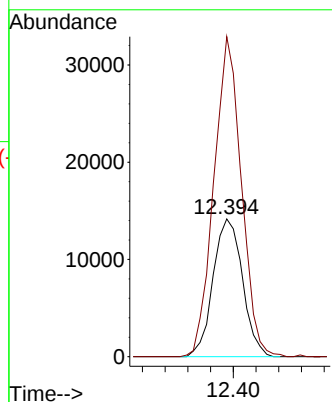
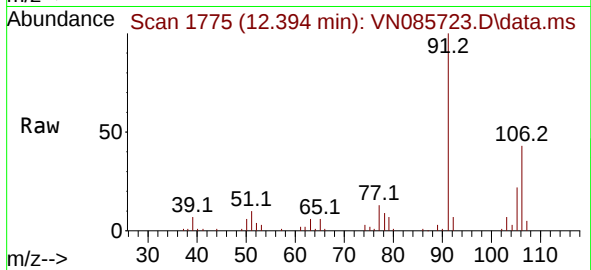




#69
o-Xylene
Concen: 5.412 ug/l
RT: 12.394 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085723.D
Acq: 10 Feb 2025 15:00

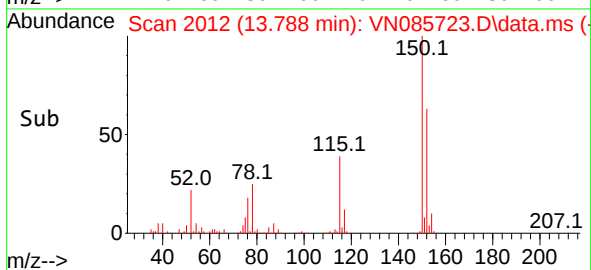
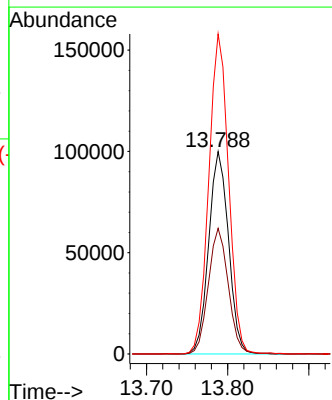
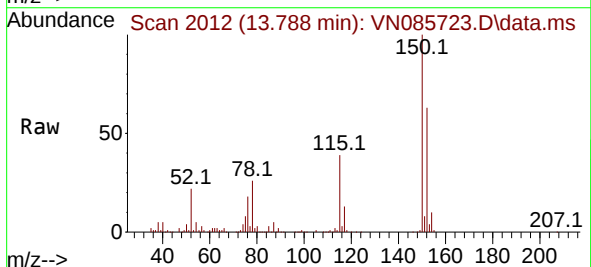
Instrument :
MSVOA_N
ClientSampleId :
NWB-2123

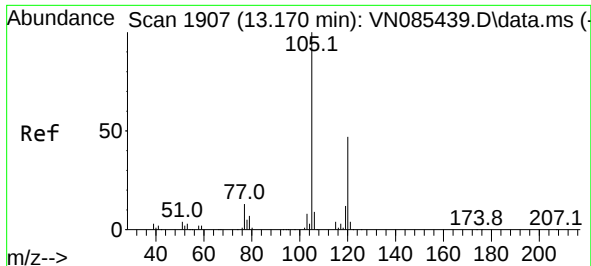
Tgt Ion:106 Resp: 25445
Ion Ratio Lower Upper
106 100
91 217.6 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085723.D
Acq: 10 Feb 2025 15:00

Tgt Ion:152 Resp: 169201
Ion Ratio Lower Upper
152 100
115 62.5 31.1 93.3
150 158.1 0.0 343.6

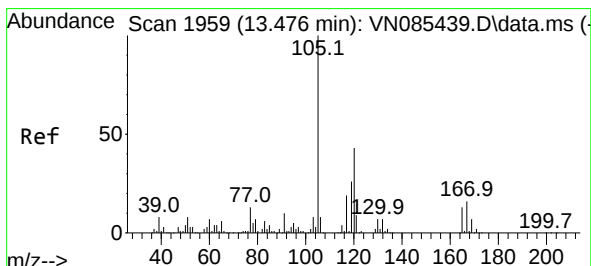
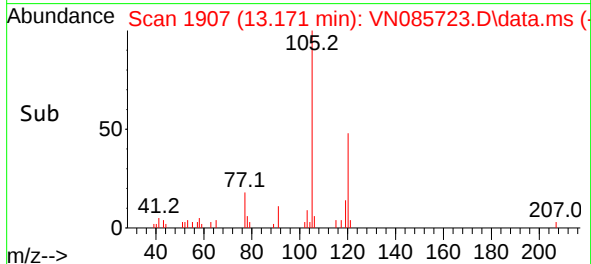
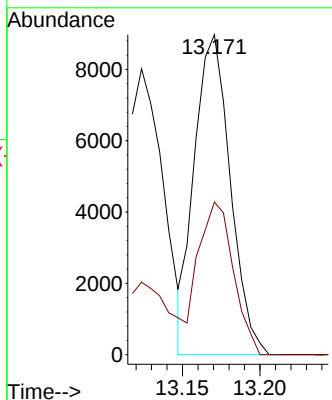
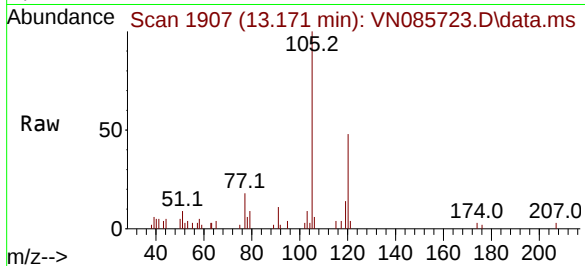




#80
 1,3,5-Trimethylbenzene
 Concen: 1.530 ug/l
 RT: 13.171 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN085723.D
 Acq: 10 Feb 2025 15:00

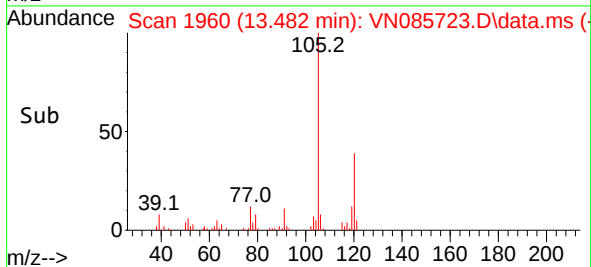
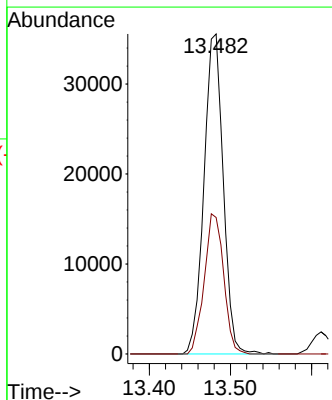
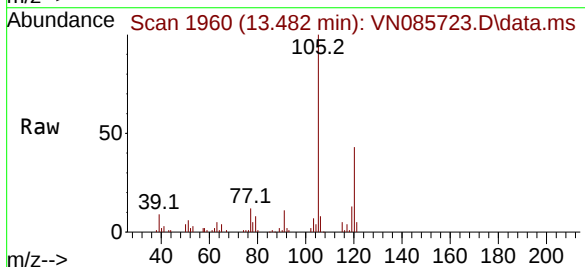
Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-2123

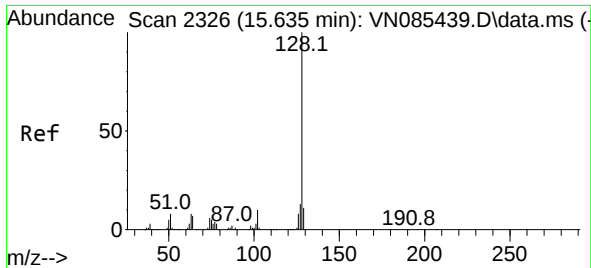
Tgt Ion:105 Resp: 14431
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.9 71.7



#84
 1,2,4-Trimethylbenzene
 Concen: 6.232 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085723.D
 Acq: 10 Feb 2025 15:00

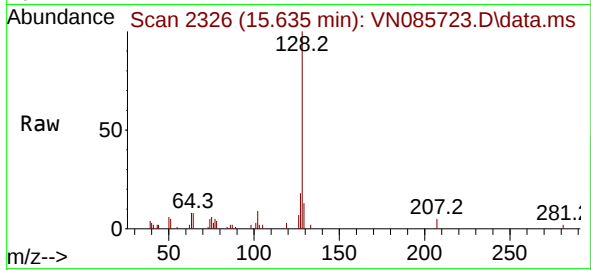
Tgt Ion:105 Resp: 58587
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.6 65.0





#95
Naphthalene
Concen: 3.274 ug/l
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085723.D
Acq: 10 Feb 2025 15:00

Instrument :
MSVOA_N
ClientSampleId :
NWB-2123



Tgt Ion:128 Resp: 24887
Ion Ratio Lower Upper
128 100
127 14.1 10.6 16.0
129 12.4 8.8 13.2

