

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083464.D
 Acq On : 23 Aug 2024 16:44
 Operator : JC\MD
 Sample : P3716-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1052-MW-17A(15.5)

Quant Time: Aug 24 02:24:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

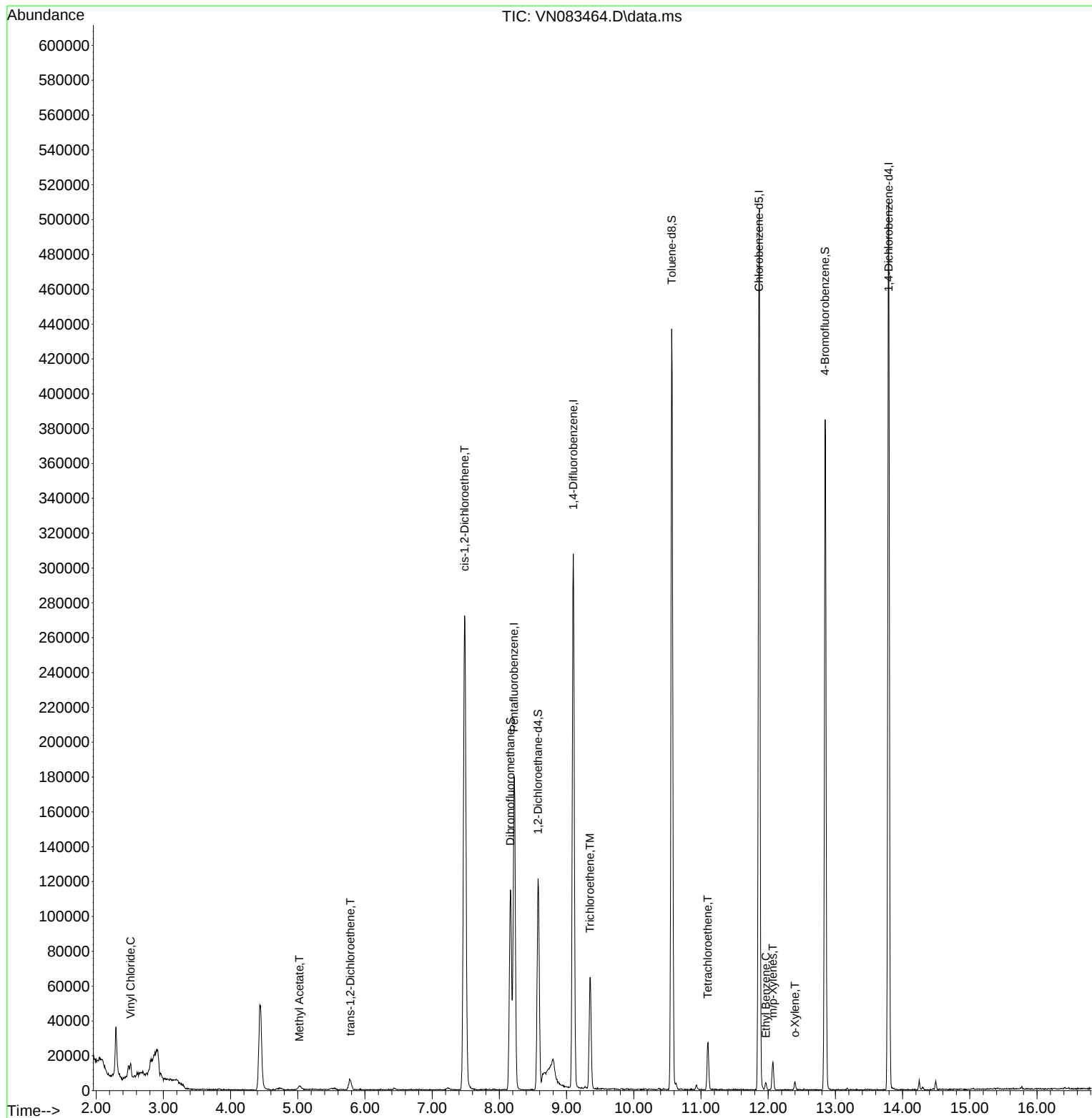
Internal Standards						
1) Pentafluorobenzene	8.218	168	125410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103997	58.259	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.520%	
35) Dibromofluoromethane	8.165	113	82856	50.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.880%	
50) Toluene-d8	10.565	98	295484	48.226	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.460%	
62) 4-Bromofluorobenzene	12.847	95	133775	56.003	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 112.000%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.512	62	7386	4.971	ug/l	94
18) Methyl Acetate	5.024	43	5194	2.496	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	3689	2.567	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	165045	95.191	ug/l	83
44) Trichloroethene	9.347	130	22105	12.546	ug/l	100
64) Tetrachloroethene	11.100	164	6037	3.260	ug/l	98
67) Ethyl Benzene	11.965	91	3414	0.301	ug/l #	88
68) m/p-Xylenes	12.070	106	5448	1.283	ug/l	96
69) o-Xylene	12.400	106	1573	0.376	ug/l	88

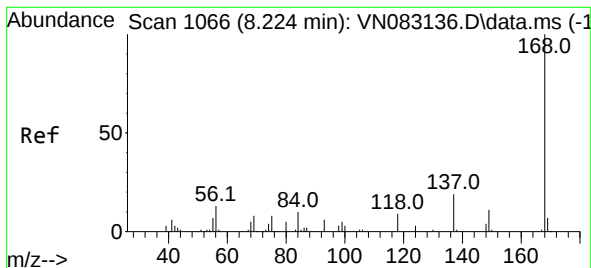
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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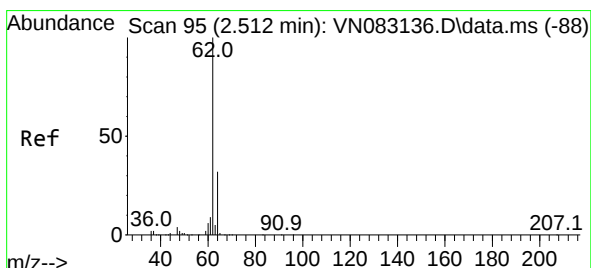
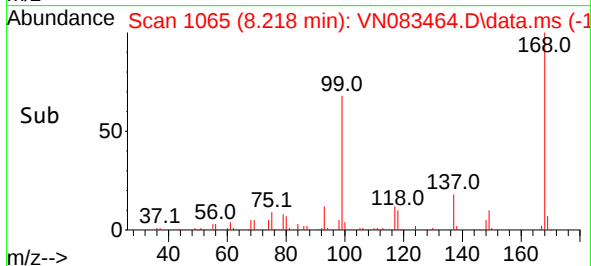
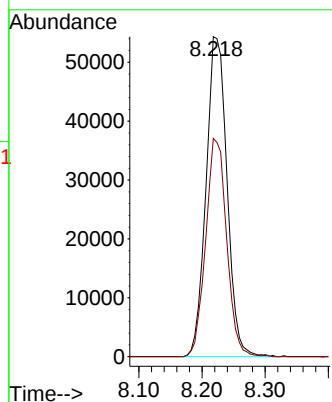
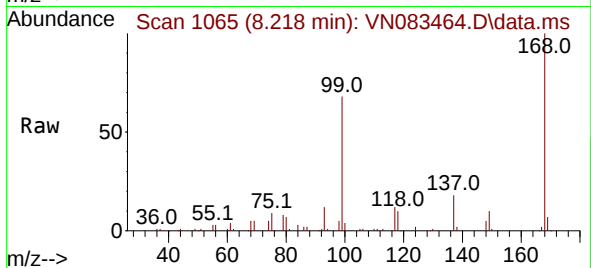




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083464.D
Acq: 23 Aug 2024 16:44

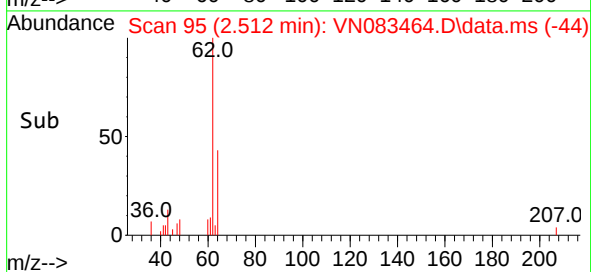
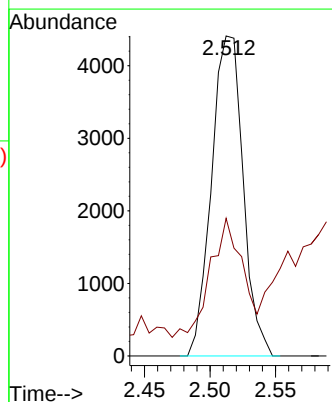
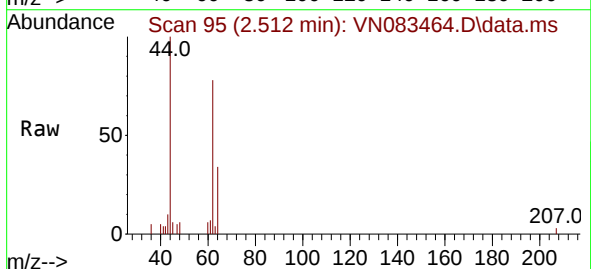
Instrument :
MSVOA_N
ClientSampleId :
1052-MW-17A(15.5)

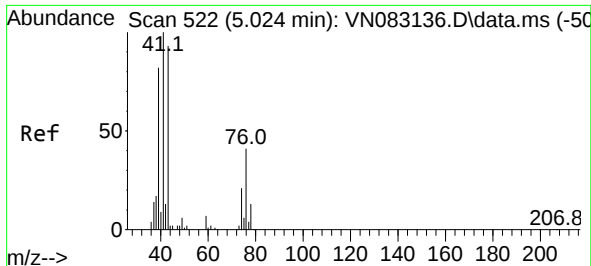
Tgt Ion:168 Resp: 125410
Ion Ratio Lower Upper
168 100
99 68.2 48.2 72.4



#4
Vinyl Chloride
Concen: 4.971 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083464.D
Acq: 23 Aug 2024 16:44

Tgt Ion: 62 Resp: 7386
Ion Ratio Lower Upper
62 100
64 34.5 25.0 37.6

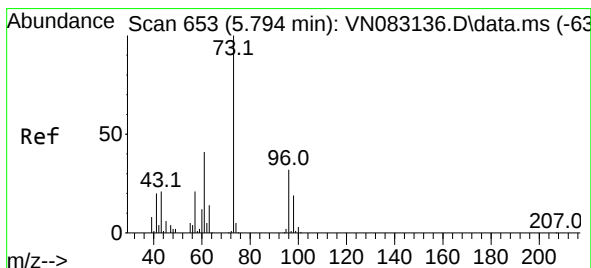
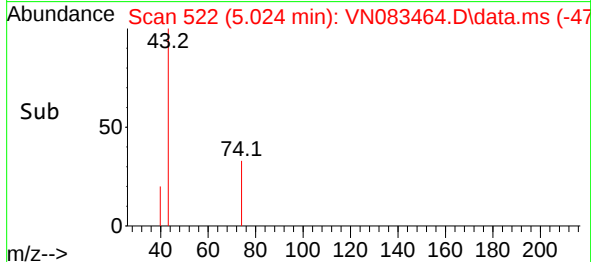
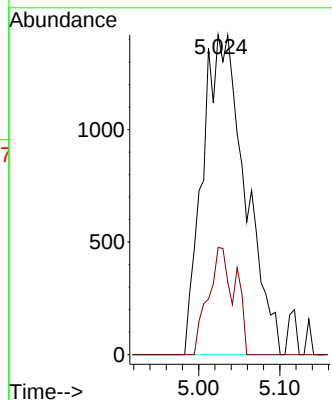
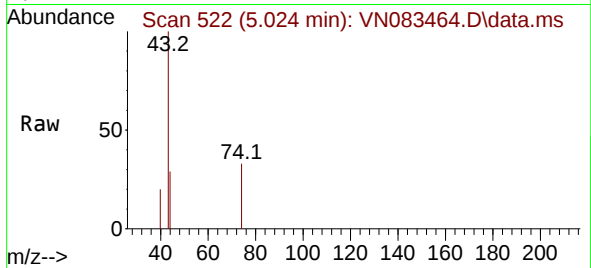




#18
Methyl Acetate
Concen: 2.496 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083464.D
Acq: 23 Aug 2024 16:44

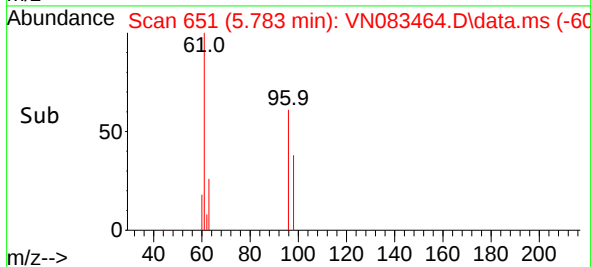
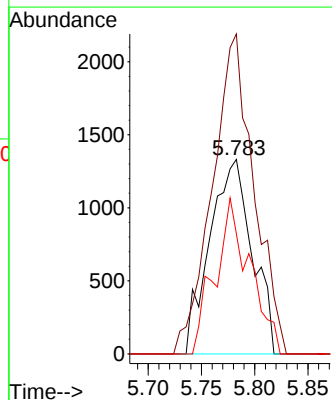
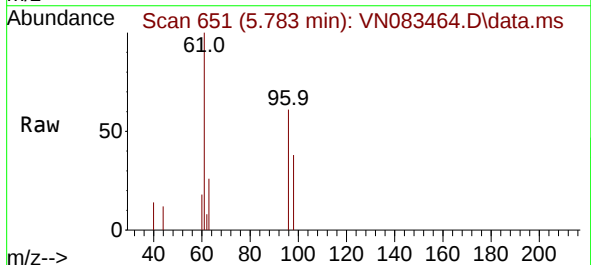
Instrument :
MSVOA_N
ClientSampleId :
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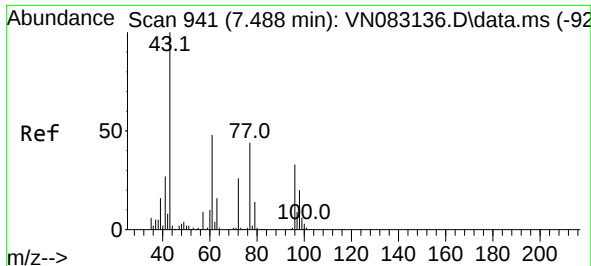
Tgt Ion: 43 Resp: 5194
Ion Ratio Lower Upper
43 100
74 21.0 16.3 24.5



#21
trans-1,2-Dichloroethene
Concen: 2.567 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.012 min
Lab File: VN083464.D
Acq: 23 Aug 2024 16:44

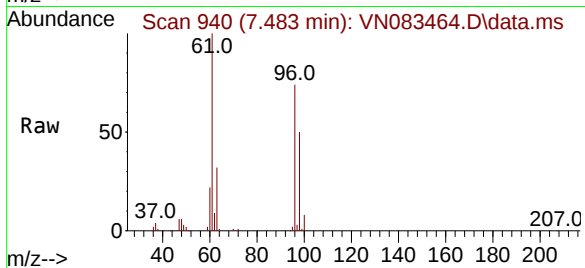
Tgt Ion: 96 Resp: 3689
Ion Ratio Lower Upper
96 100
61 152.8 123.4 185.2
98 61.8 49.3 73.9



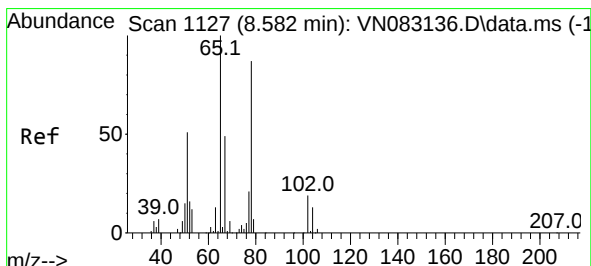
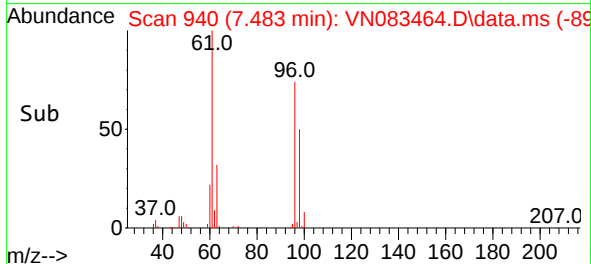
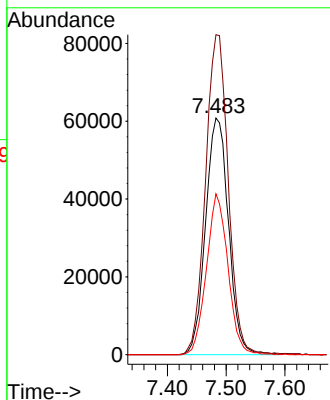


#27
cis-1,2-Dichloroethene
Concen: 95.191 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN083464.D
Acq: 23 Aug 2024 16:44

Instrument :
MSVOA_N
ClientSampleId :
1052-MW-17A(15.5)

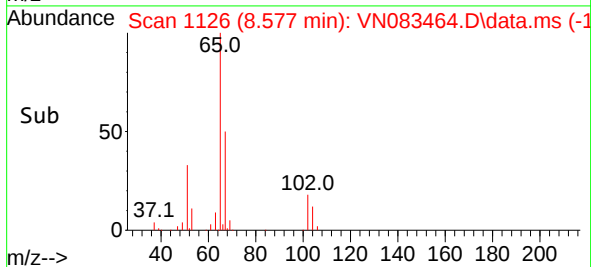
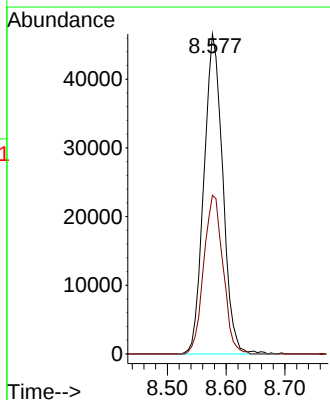
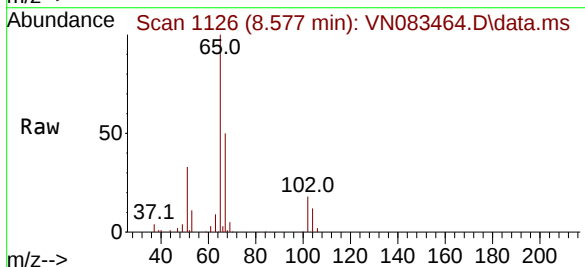


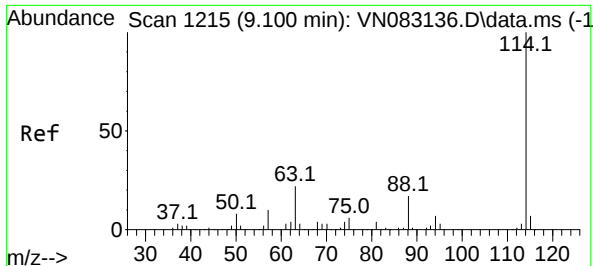
Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	329.6
98	63.5	0.0	128.6



#33
1,2-Dichloroethane-d4
Concen: 58.259 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083464.D
Acq: 23 Aug 2024 16:44

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.4

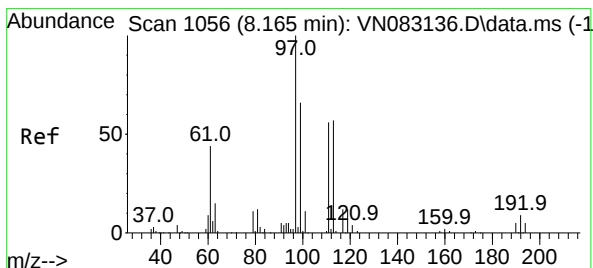
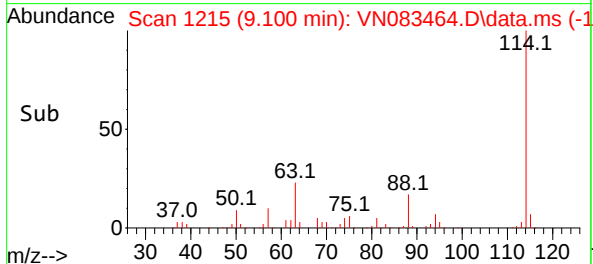
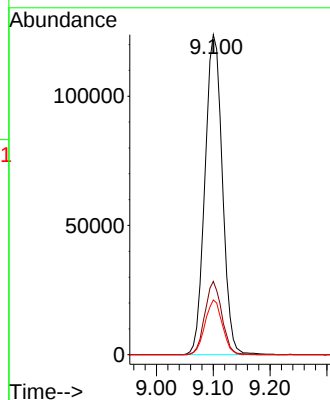
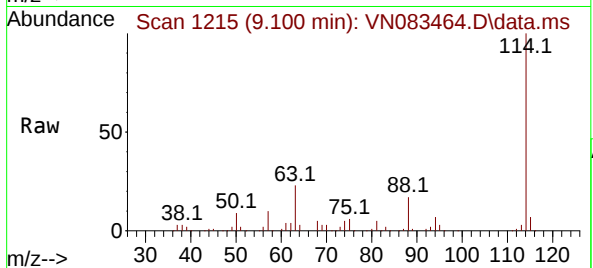




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN083464.D
Acq: 23 Aug 2024 16:44

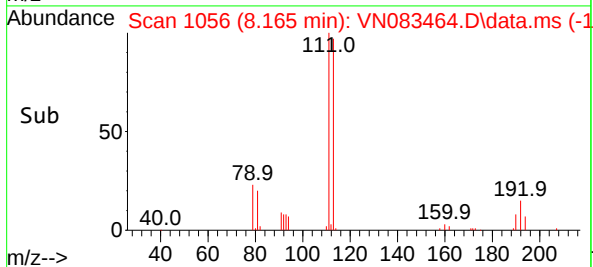
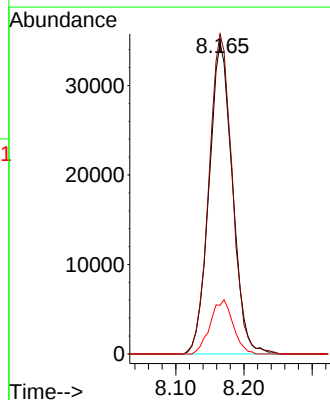
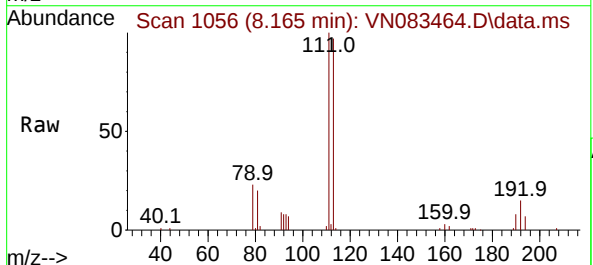
Instrument :
MSVOA_N
ClientSampleId :
1052-MW-17A(15.5)

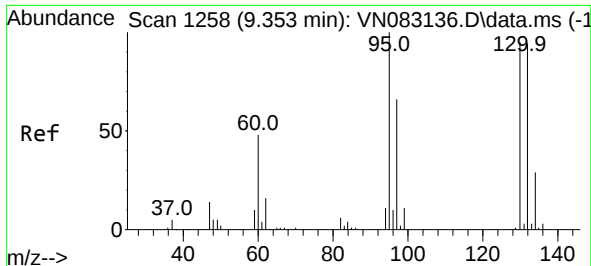
Tgt Ion:114 Resp: 263154
Ion Ratio Lower Upper
114 100
63 22.9 0.0 44.6
88 17.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.443 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083464.D
Acq: 23 Aug 2024 16:44

Tgt Ion:113 Resp: 82856
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 17.0 14.9 22.3

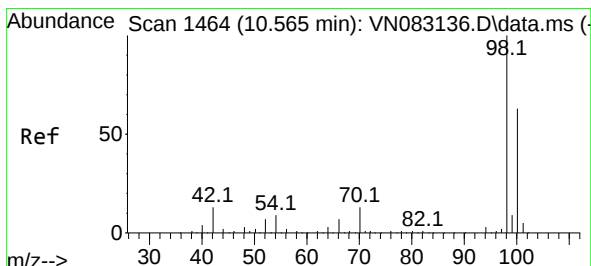
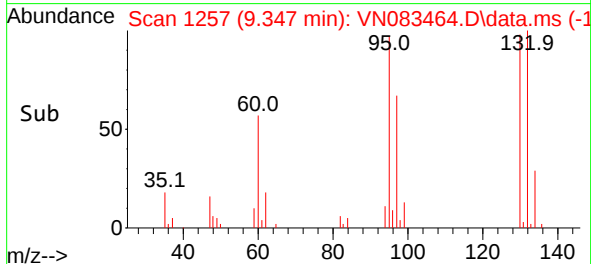
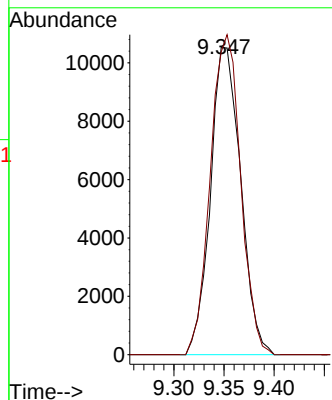
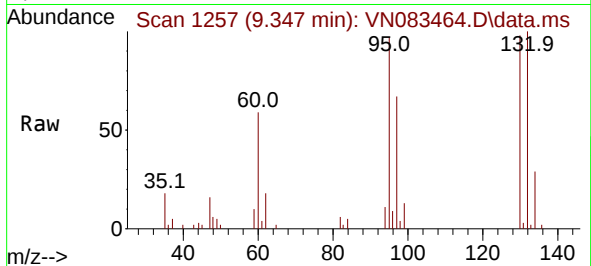




#44
Trichloroethene
Concen: 12.546 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083464.D
Acq: 23 Aug 2024 16:44

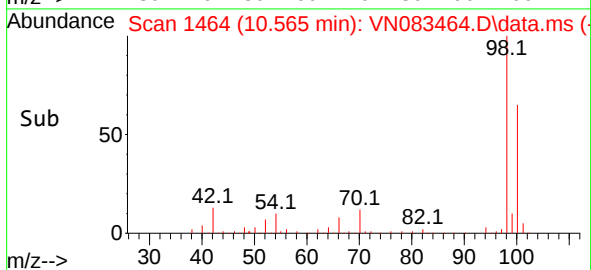
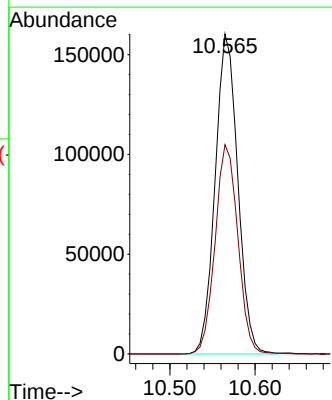
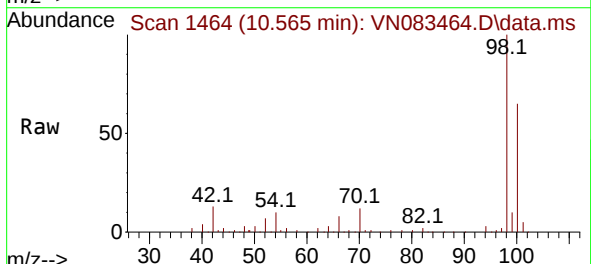
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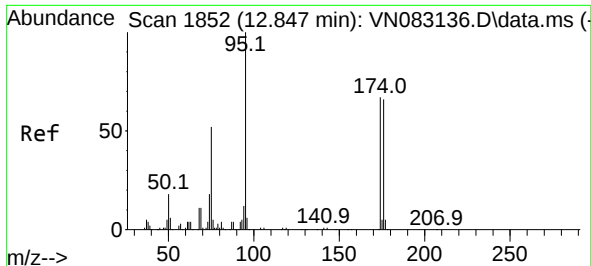
Tgt Ion:130 Resp: 22105
Ion Ratio Lower Upper
130 100
95 98.6 0.0 197.8



#50
Toluene-d8
Concen: 48.226 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083464.D
Acq: 23 Aug 2024 16:44

Tgt Ion: 98 Resp: 295484
Ion Ratio Lower Upper
98 100
100 65.8 51.5 77.3

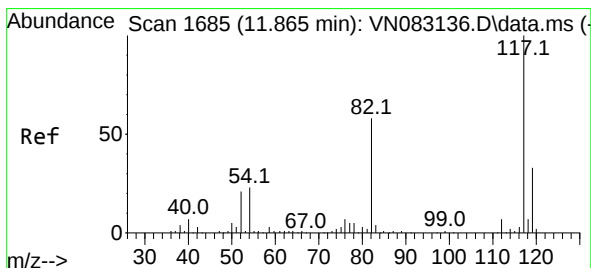
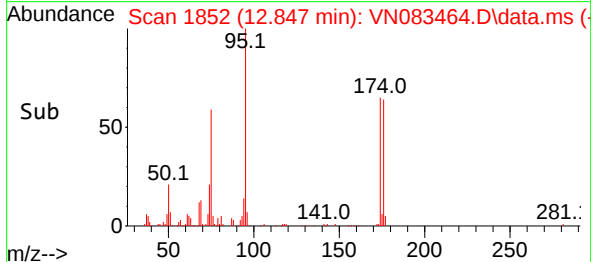
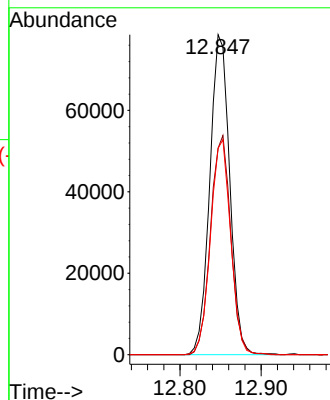
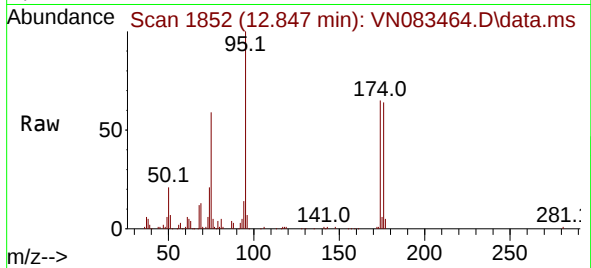




#62
4-Bromofluorobenzene
Concen: 56.003 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083464.D
Acq: 23 Aug 2024 16:44

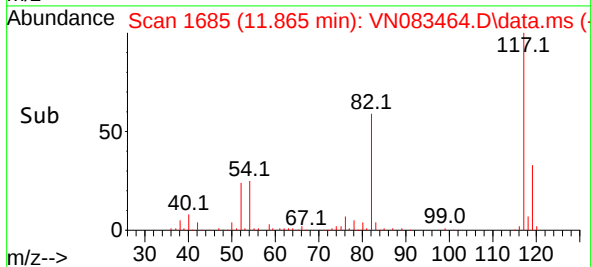
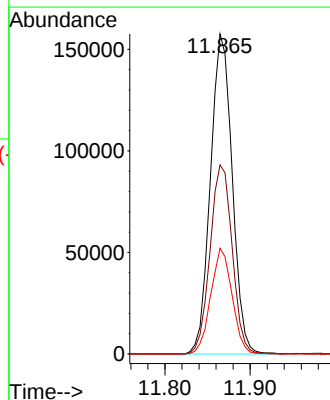
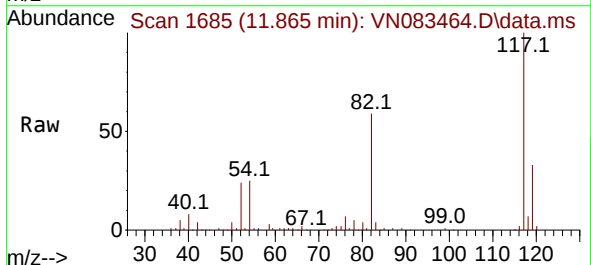
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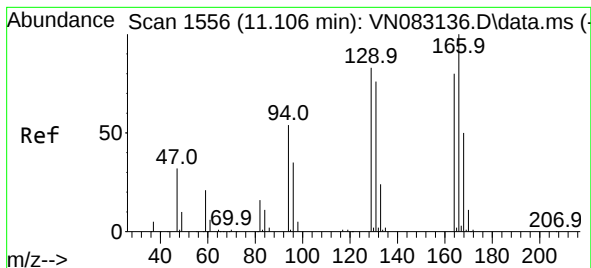
Tgt Ion: 95 Resp: 133775
Ion Ratio Lower Upper
95 100
174 69.8 0.0 159.2
176 68.2 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083464.D
Acq: 23 Aug 2024 16:44

Tgt Ion: 117 Resp: 279626
Ion Ratio Lower Upper
117 100
82 59.1 47.5 71.3
119 33.0 25.6 38.4





#64

Tetrachloroethene

Concen: 3.260 ug/l

RT: 11.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083464.D

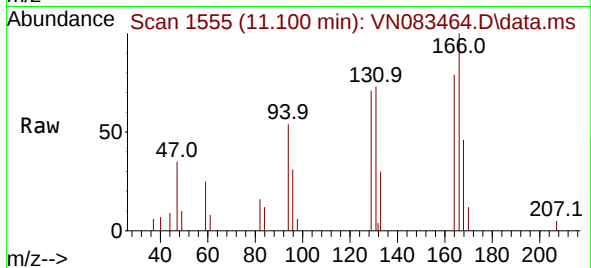
Acq: 23 Aug 2024 16:44

Instrument :

MSVOA_N

ClientSampleId :

1052-MW-17A(15.5)



Tgt Ion:164 Resp: 6037

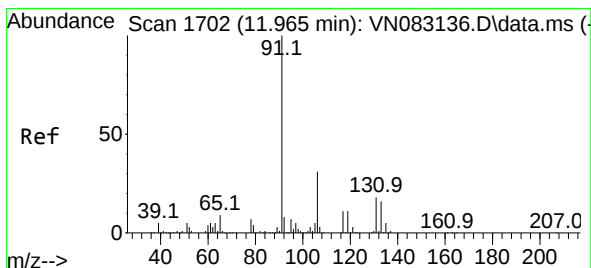
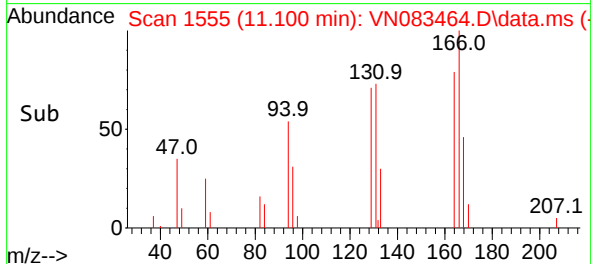
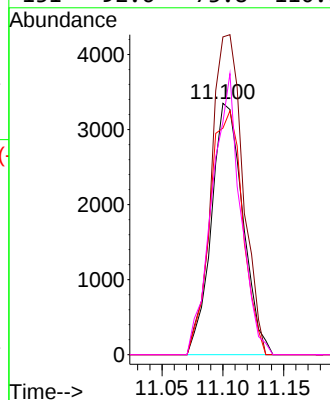
Ion Ratio Lower Upper

164 100

166 126.5 101.4 152.0

129 90.1 75.7 113.5

131 92.6 73.8 110.6



#67

Ethyl Benzene

Concen: 0.301 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN083464.D

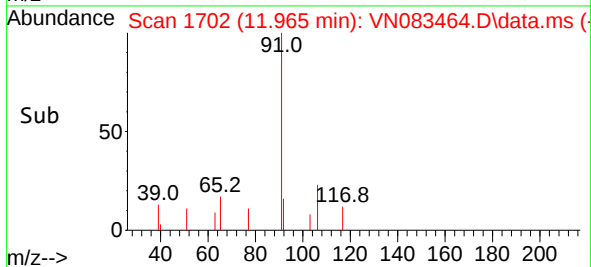
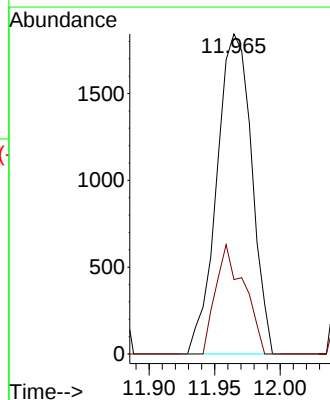
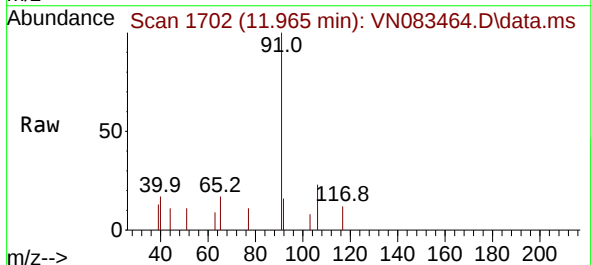
Acq: 23 Aug 2024 16:44

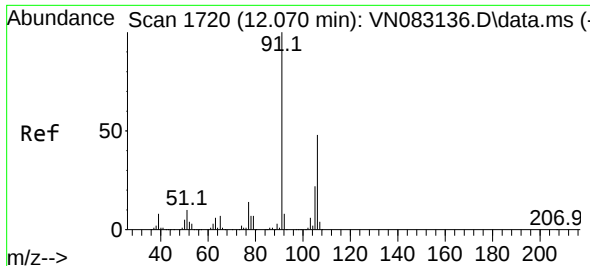
Tgt Ion: 91 Resp: 3414

Ion Ratio Lower Upper

91 100

106 23.3 24.0 36.0#

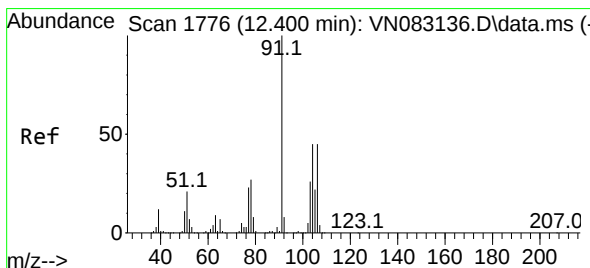
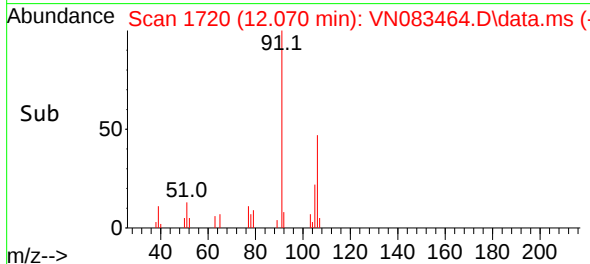
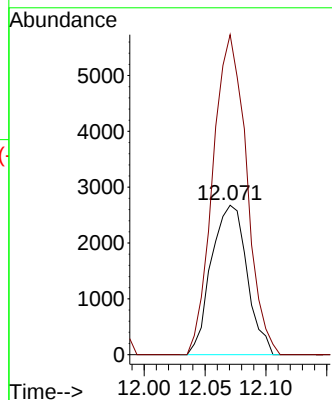
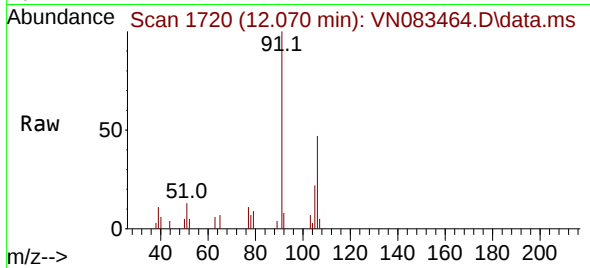




#68
m/p-Xylenes
Concen: 1.283 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083464.D
Acq: 23 Aug 2024 16:44

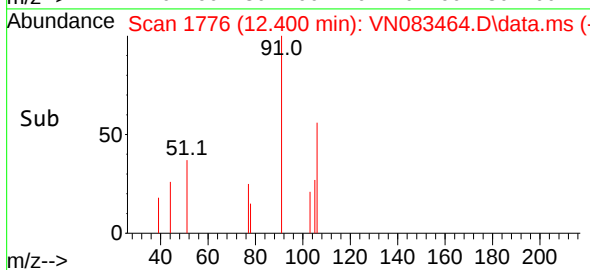
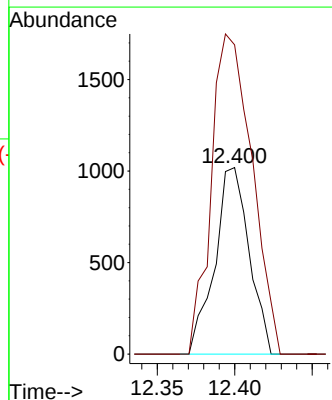
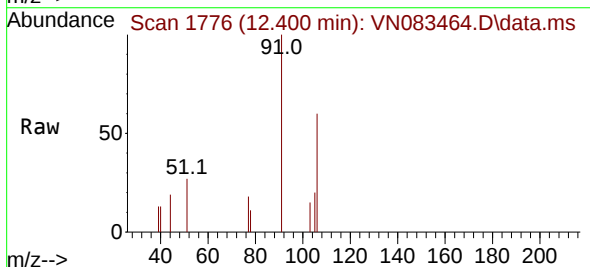
Instrument :
MSVOA_N
ClientSampleId :
1052-MW-17A(15.5)

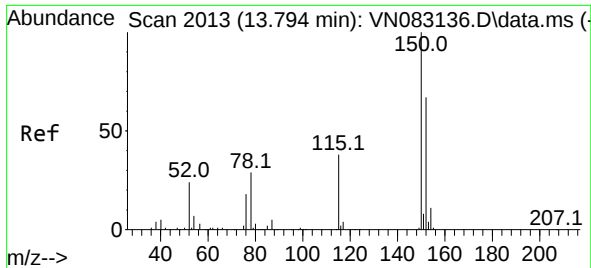
Tgt Ion:106 Resp: 5448
Ion Ratio Lower Upper
106 100
91 202.1 166.1 249.1



#69
o-Xylene
Concen: 0.376 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083464.D
Acq: 23 Aug 2024 16:44

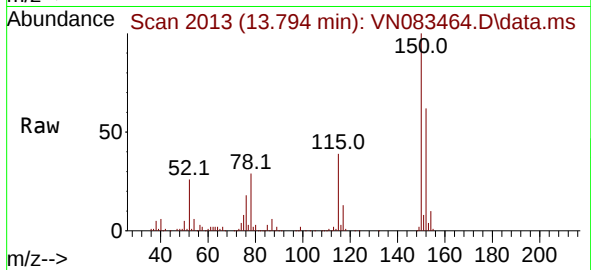
Tgt Ion:106 Resp: 1573
Ion Ratio Lower Upper
106 100
91 203.1 111.3 333.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083464.D
 Acq: 23 Aug 2024 16:44

Instrument :
 MSVOA_N
 ClientSampleId :
 1052-MW-17A(15.5)



Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.7	30.6	91.6
150	158.1	0.0	348.6

