

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083462.D
 Acq On : 23 Aug 2024 15:55
 Operator : JC\MD
 Sample : P3716-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1048-MW-01(23)

Quant Time: Aug 24 00:03:15 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)

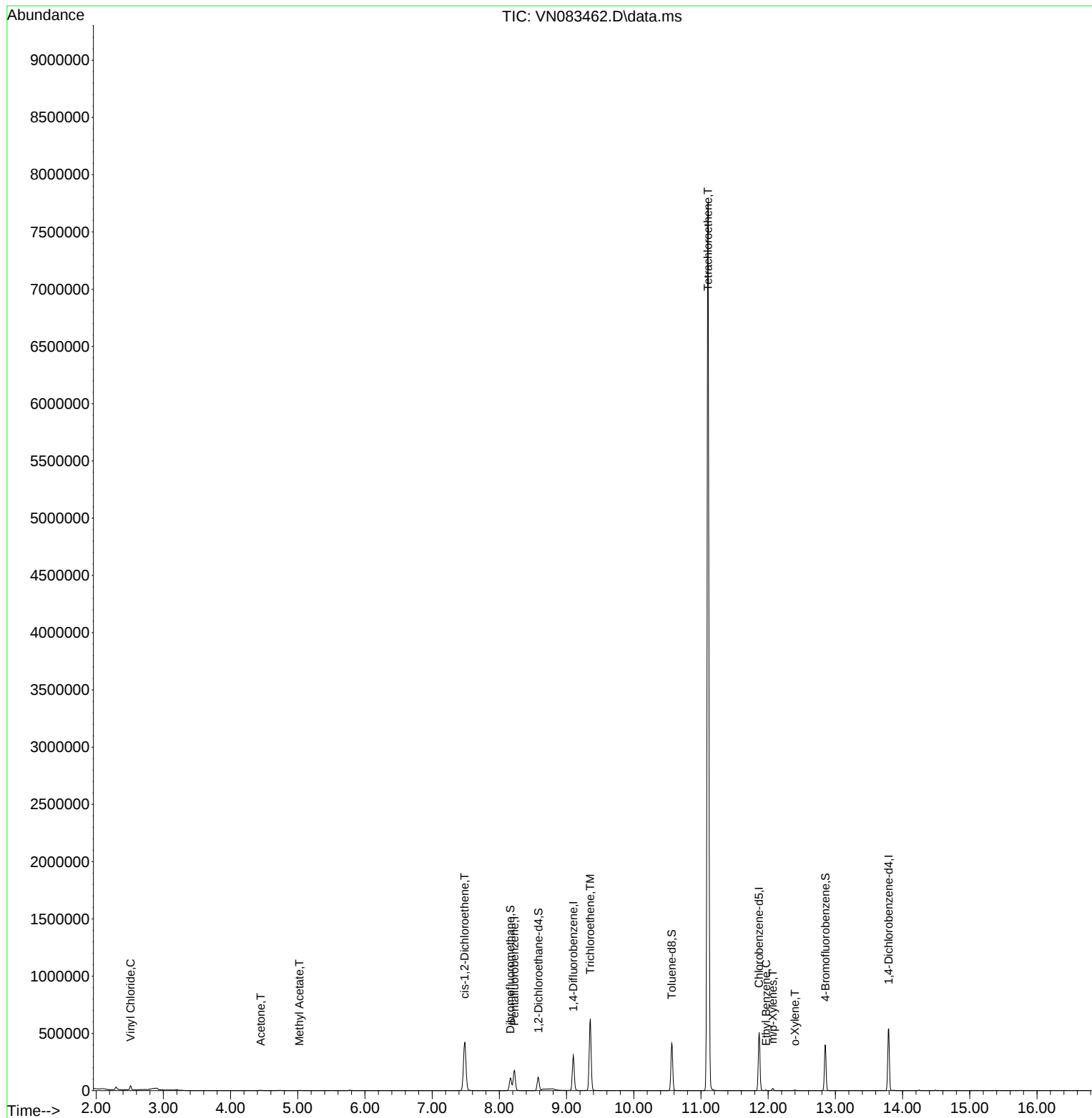
Internal Standards						
1) Pentafluorobenzene	8.224	168	122781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	100945	57.760	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 115.520%		
35) Dibromofluoromethane	8.165	113	79482	51.061	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.120%		
50) Toluene-d8	10.565	98	283527	48.829	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.660%		
62) 4-Bromofluorobenzene	12.853	95	140304	61.979	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 123.960%#		
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.512	62	30346	20.863	ug/l	98
16) Acetone	4.447	43	4322	6.320	ug/l #	72
18) Methyl Acetate	5.024	43	4969	2.439	ug/l #	78
27) cis-1,2-Dichloroethene	7.482	96	247981	146.087	ug/l	84
44) Trichloroethene	9.353	130	211377	126.597	ug/l	92
64) Tetrachloroethene	11.106	164	1669432	911.249	ug/l	93
67) Ethyl Benzene	11.970	91	3909	0.349	ug/l	96
68) m/p-Xylenes	12.070	106	6058	1.442	ug/l	95
69) o-Xylene	12.400	106	1693	0.409	ug/l	91

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

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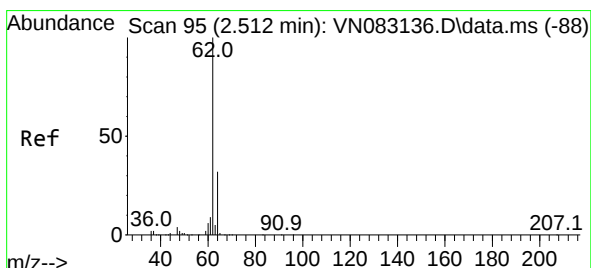
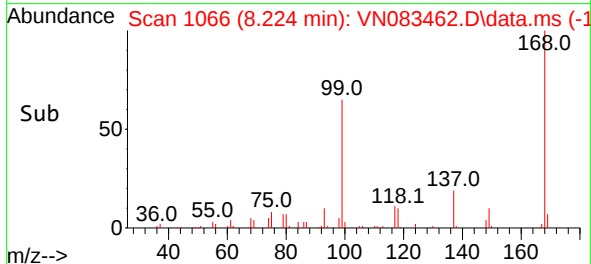
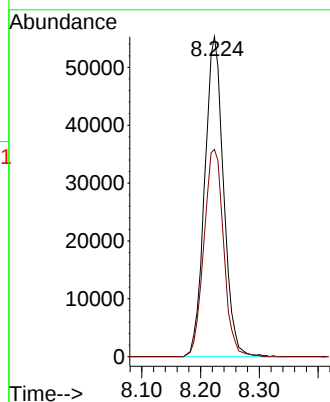
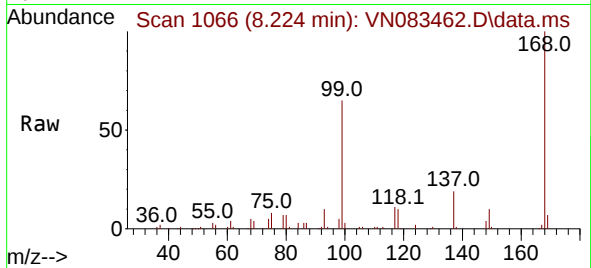




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083462.D
Acq: 23 Aug 2024 15:55

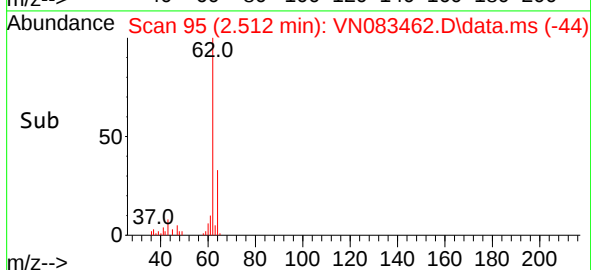
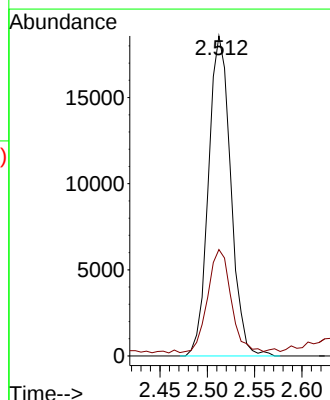
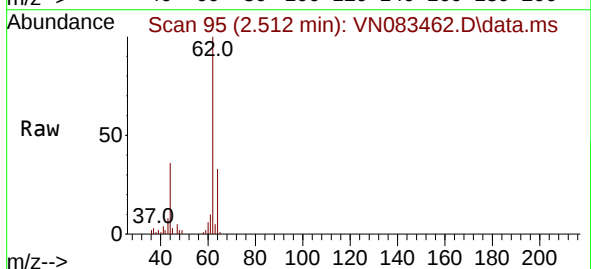
Instrument :
MSVOA_N
ClientSampleId :
1048-MW-01(23)

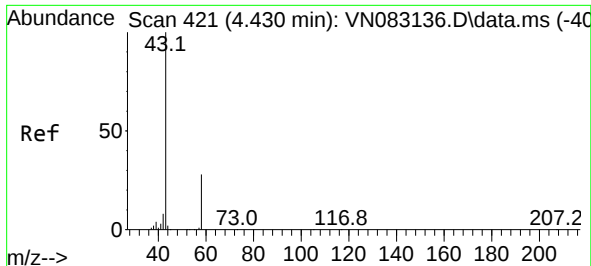
Tgt Ion:168 Resp: 122781
Ion Ratio Lower Upper
168 100
99 64.7 48.2 72.4



#4
Vinyl Chloride
Concen: 20.863 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083462.D
Acq: 23 Aug 2024 15:55

Tgt Ion: 62 Resp: 30346
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6

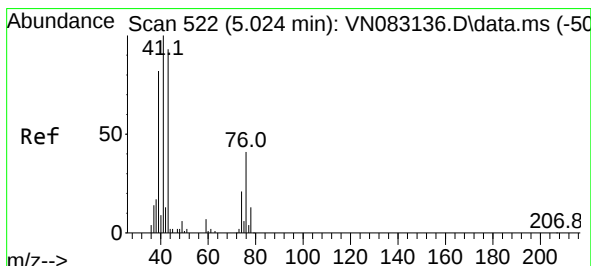
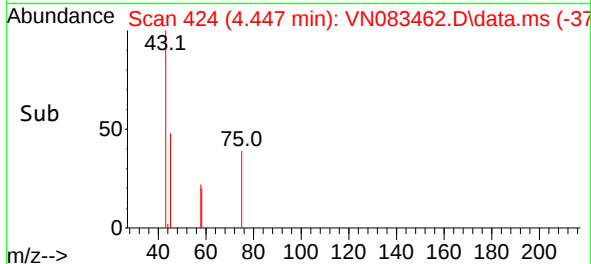
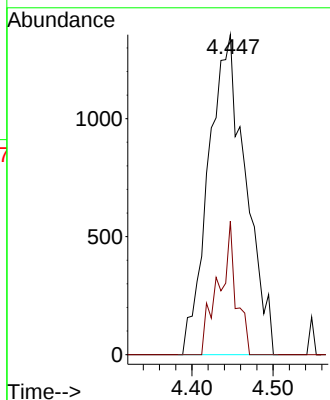
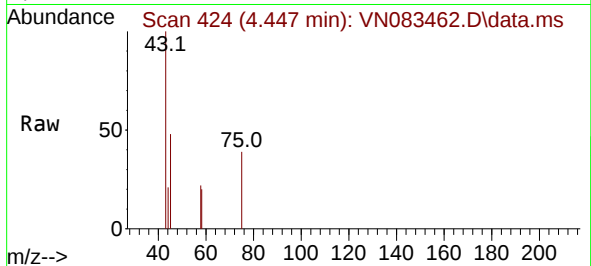




#16
Acetone
Concen: 6.320 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083462.D
Acq: 23 Aug 2024 15:55

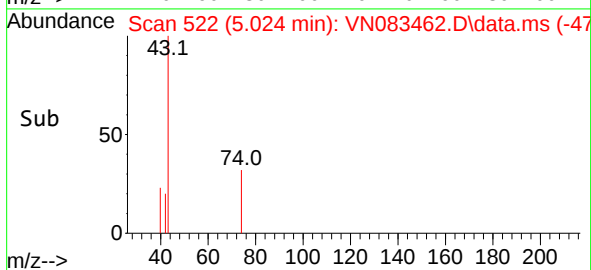
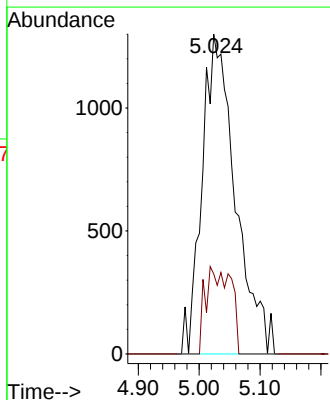
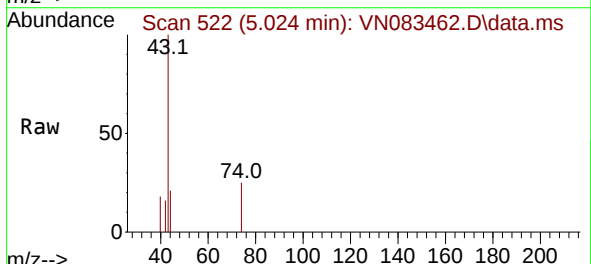
Instrument :
MSVOA_N
ClientSampleId :
1048-MW-01(23)

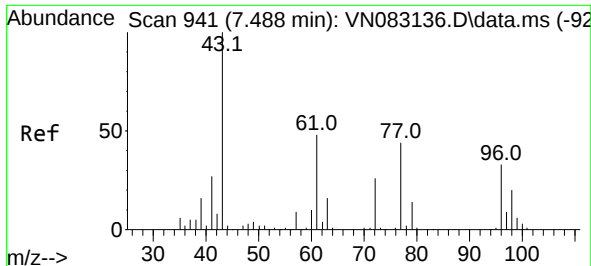
Tgt Ion: 43 Resp: 4322
Ion Ratio Lower Upper
43 100
58 41.7 21.8 32.6#



#18
Methyl Acetate
Concen: 2.439 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083462.D
Acq: 23 Aug 2024 15:55

Tgt Ion: 43 Resp: 4969
Ion Ratio Lower Upper
43 100
74 10.2 16.3 24.5#



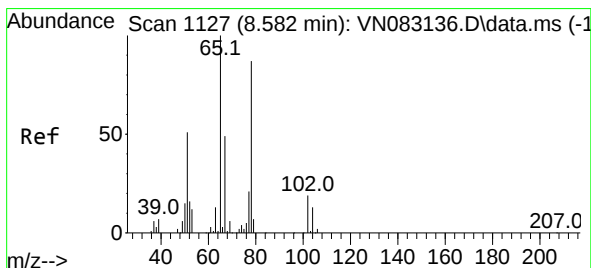
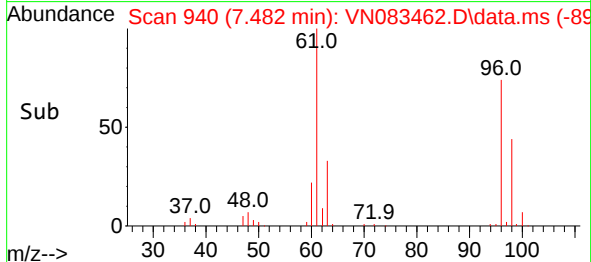
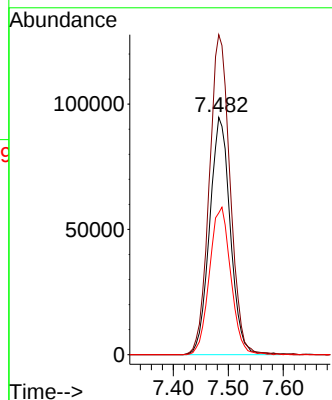
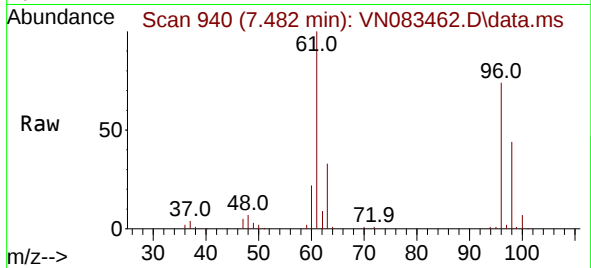


#27
 cis-1,2-Dichloroethene
 Concen: 146.087 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN083462.D
 Acq: 23 Aug 2024 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 1048-MW-01(23)

Tgt Ion: 96 Resp: 247981

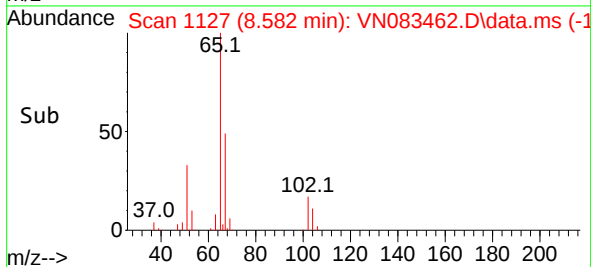
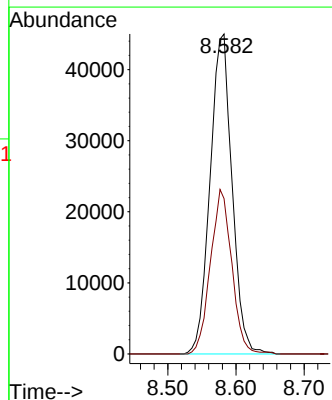
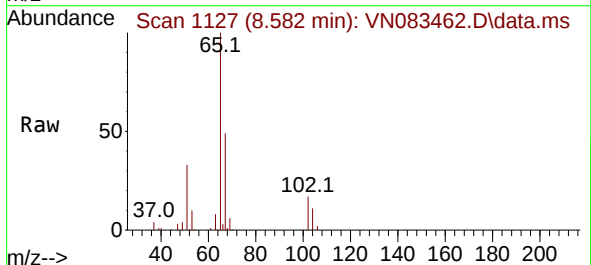
Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	329.6
98	64.0	0.0	128.6

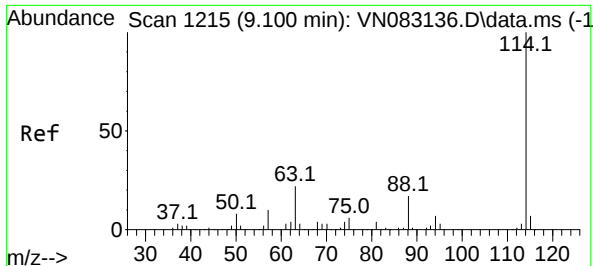


#33
 1,2-Dichloroethane-d4
 Concen: 57.760 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN083462.D
 Acq: 23 Aug 2024 15:55

Tgt Ion: 65 Resp: 100945

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083462.D

Acq: 23 Aug 2024 15:55

Instrument :

MSVOA_N

ClientSampleId :

1048-MW-01(23)

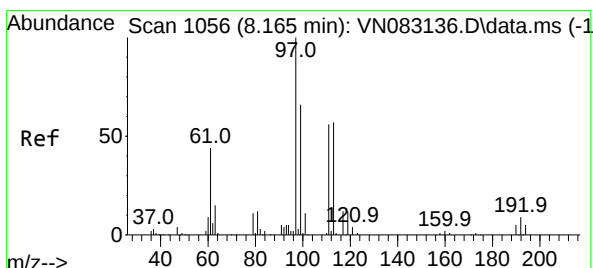
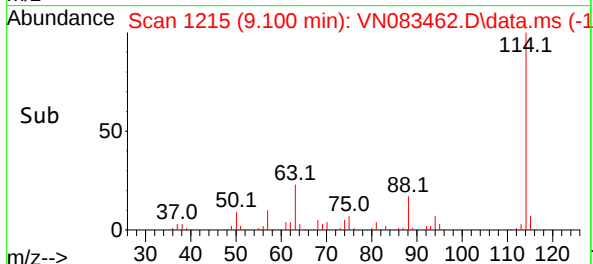
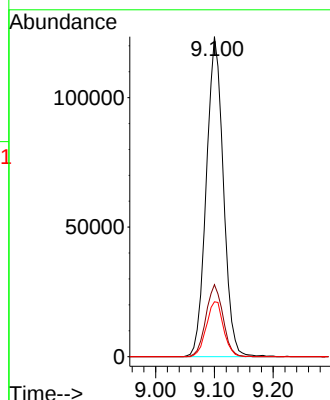
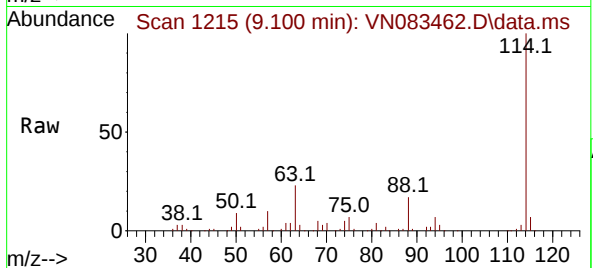
Tgt Ion:114 Resp: 249387

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 17.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.061 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083462.D

Acq: 23 Aug 2024 15:55

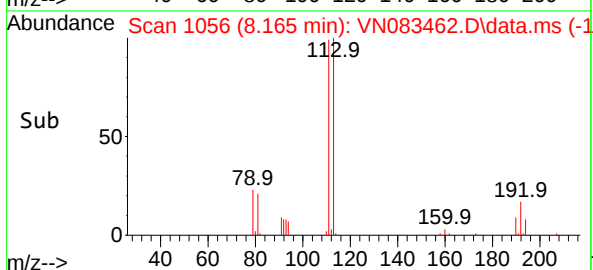
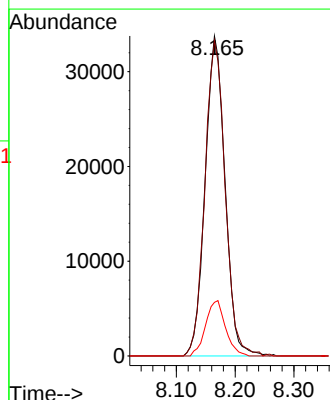
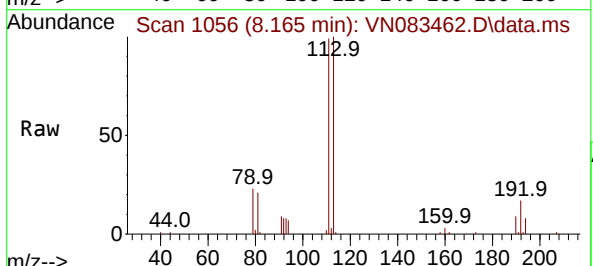
Tgt Ion:113 Resp: 79482

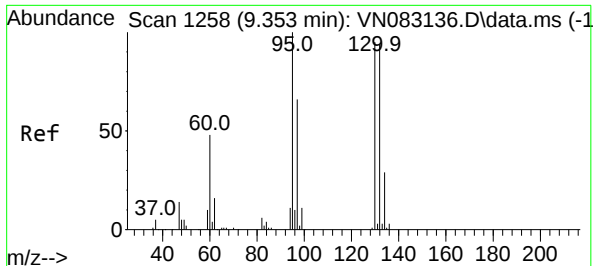
Ion Ratio Lower Upper

113 100

111 100.4 82.4 123.6

192 17.3 14.9 22.3

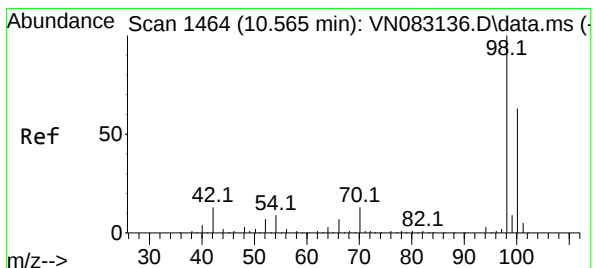
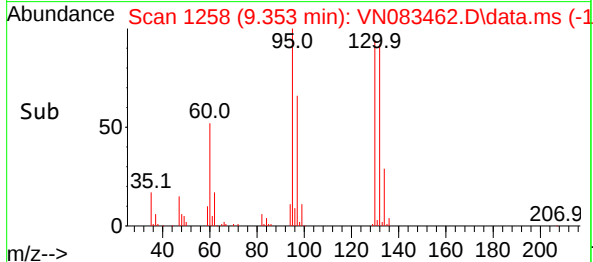
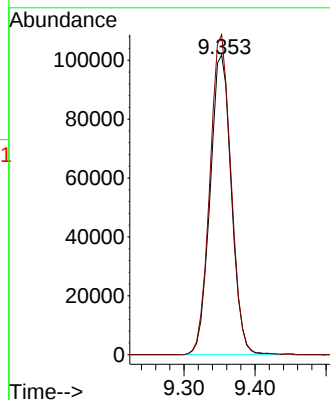
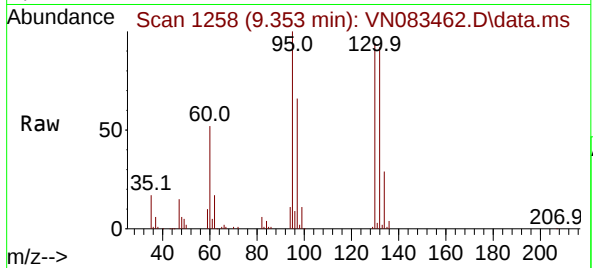




#44
Trichloroethene
Concen: 126.597 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083462.D
Acq: 23 Aug 2024 15:55

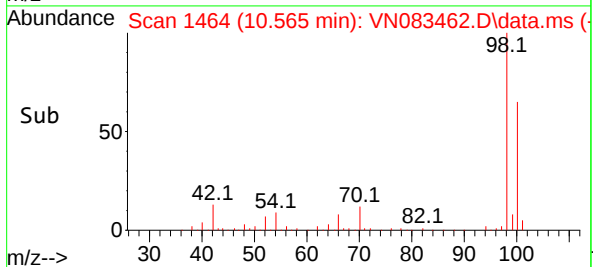
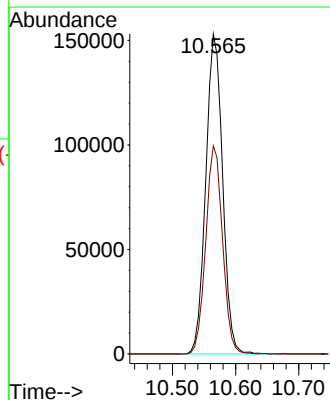
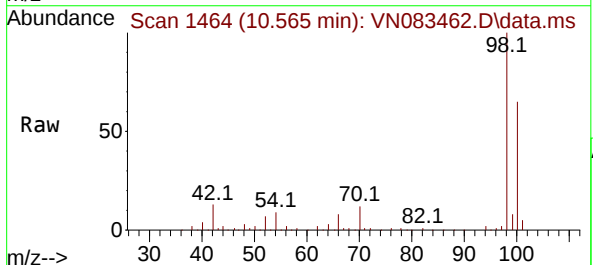
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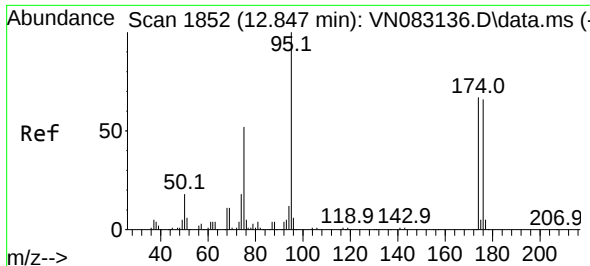
Tgt Ion:130 Resp: 211377
Ion Ratio Lower Upper
130 100
95 106.8 0.0 197.8



#50
Toluene-d8
Concen: 48.829 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083462.D
Acq: 23 Aug 2024 15:55

Tgt Ion: 98 Resp: 283527
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3

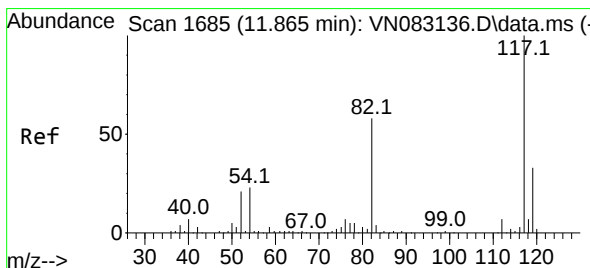
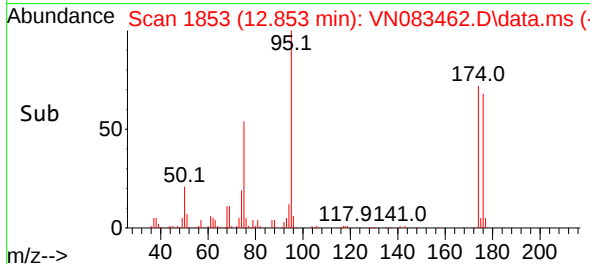
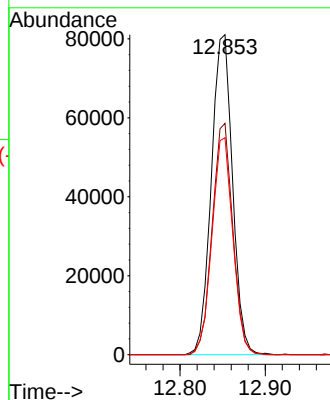
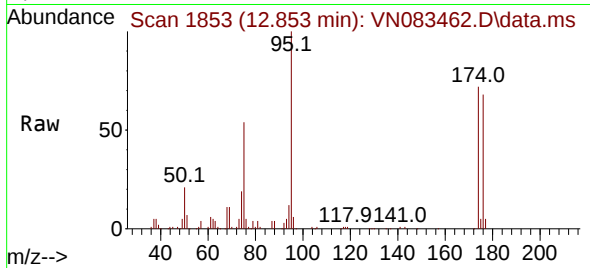




#62
4-Bromofluorobenzene
Concen: 61.979 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083462.D
Acq: 23 Aug 2024 15:55

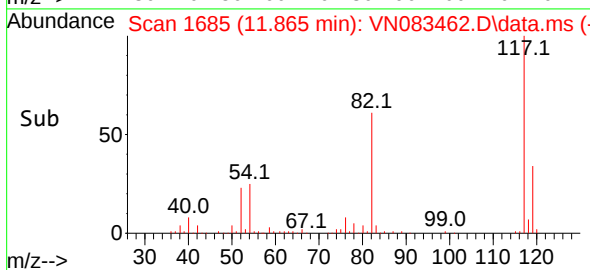
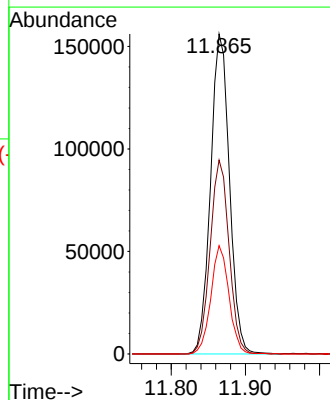
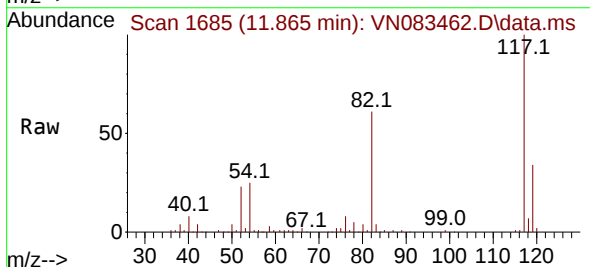
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1048-MW-01(23)

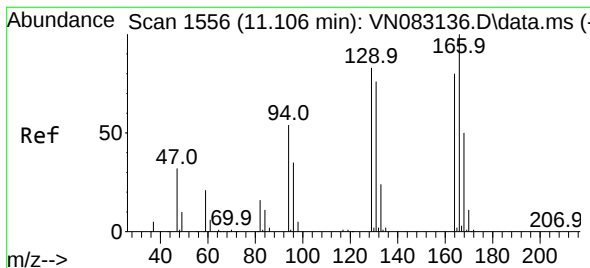
Tgt Ion: 95 Resp: 140304
Ion Ratio Lower Upper
95 100
174 70.6 0.0 159.2
176 66.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083462.D
Acq: 23 Aug 2024 15:55

Tgt Ion: 117 Resp: 276626
Ion Ratio Lower Upper
117 100
82 60.6 47.5 71.3
119 33.9 25.6 38.4





#64

Tetrachloroethene

Concen: 911.249 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083462.D

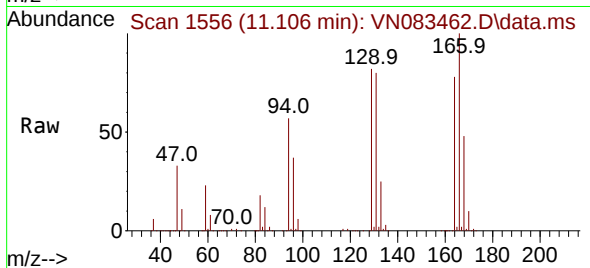
Acq: 23 Aug 2024 15:55

Instrument :

MSVOA_N

ClientSampleId :

1048-MW-01(23)



Tgt Ion:164 Resp: 1669432

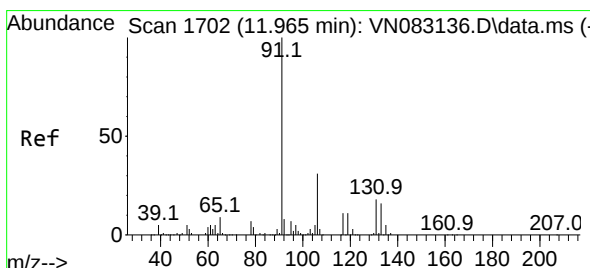
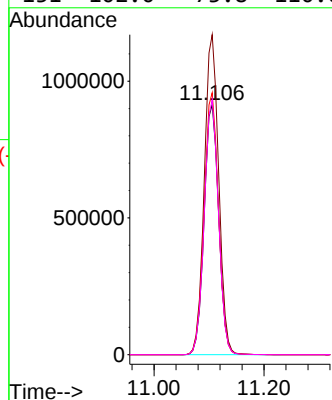
Ion Ratio Lower Upper

164 100

166 128.1 101.4 152.0

129 104.8 75.7 113.5

131 102.0 73.8 110.6



#67

Ethyl Benzene

Concen: 0.349 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN083462.D

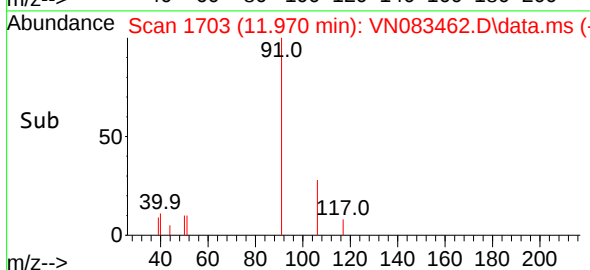
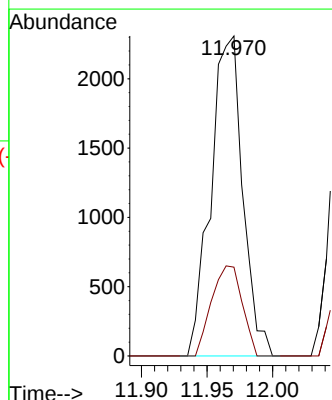
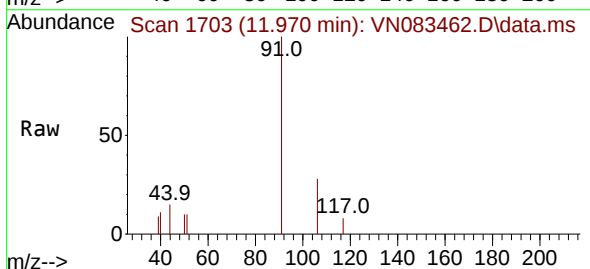
Acq: 23 Aug 2024 15:55

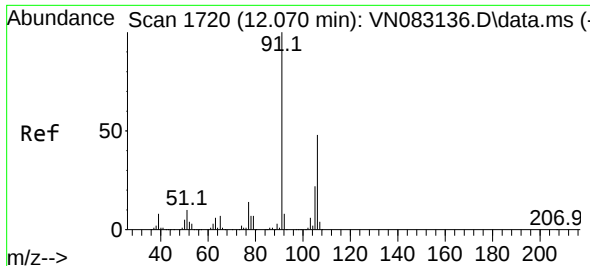
Tgt Ion: 91 Resp: 3909

Ion Ratio Lower Upper

91 100

106 27.8 24.0 36.0

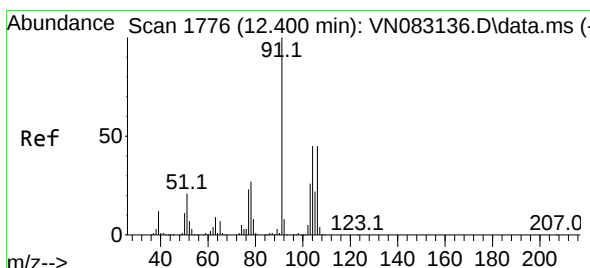
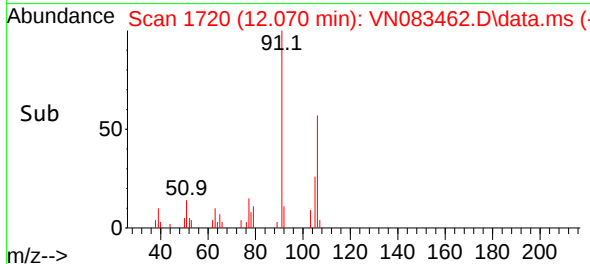
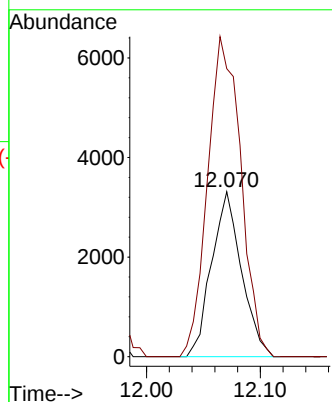
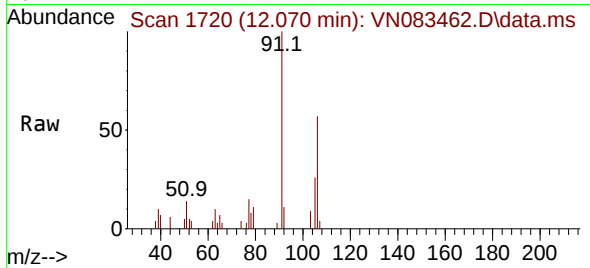




#68
m/p-Xylenes
Concen: 1.442 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083462.D
Acq: 23 Aug 2024 15:55

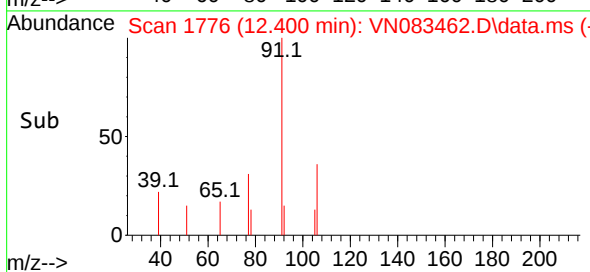
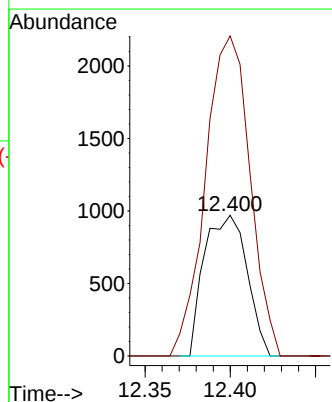
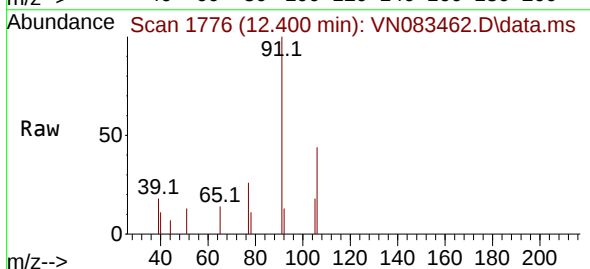
Instrument :
MSVOA_N
ClientSampleId :
1048-MW-01(23)

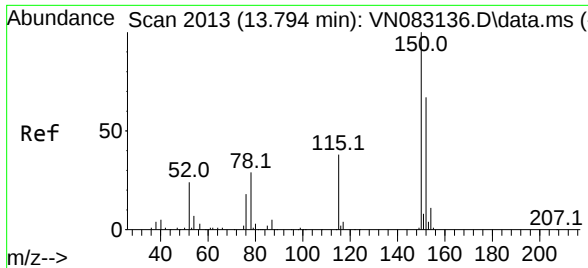
Tgt Ion:106 Resp: 6058
Ion Ratio Lower Upper
106 100
91 215.4 166.1 249.1



#69
o-Xylene
Concen: 0.409 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083462.D
Acq: 23 Aug 2024 15:55

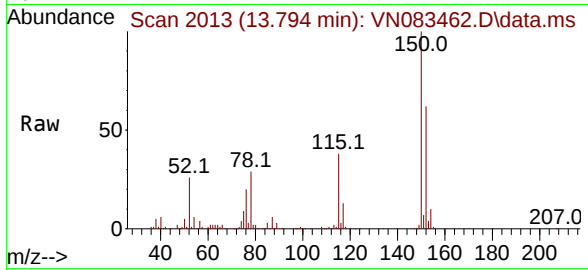
Tgt Ion:106 Resp: 1693
Ion Ratio Lower Upper
106 100
91 237.0 111.3 333.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083462.D
 Acq: 23 Aug 2024 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 1048-MW-01(23)



Tgt Ion:	152	Resp:	139204
Ion Ratio	Lower	Upper	
152	100		
115	64.3	30.6	91.6
150	158.1	0.0	348.6

