

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083858.D
 Acq On : 13 Sep 2024 07:00
 Operator : JC\MD
 Sample : P3957-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D-20240910

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2024
 Supervised By : Mahesh Dadoda 09/13/2024

Quant Time: Sep 13 08:52:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	113146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	94163	55.193	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.380%			
35) Dibromofluoromethane	8.165	113	76111	50.144	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.280%			
50) Toluene-d8	10.565	98	273269	52.078	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.160%			
62) 4-Bromofluorobenzene	12.847	95	130753	60.396	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 120.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	16568	12.609	ug/l	96
7) Trichlorofluoromethane	3.477	101	408020	166.893	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	2727m	2.104	ug/l	
12) 1,1-Dichloroethene	4.330	96	53809	43.969	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	2410	1.548	ug/l	92
30) Chloroform	7.965	83	16916	6.161	ug/l	90
44) Trichloroethene	9.353	130	118755	74.577	ug/l	99
64) Tetrachloroethene	11.100	164	64978	35.831	ug/l	97

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

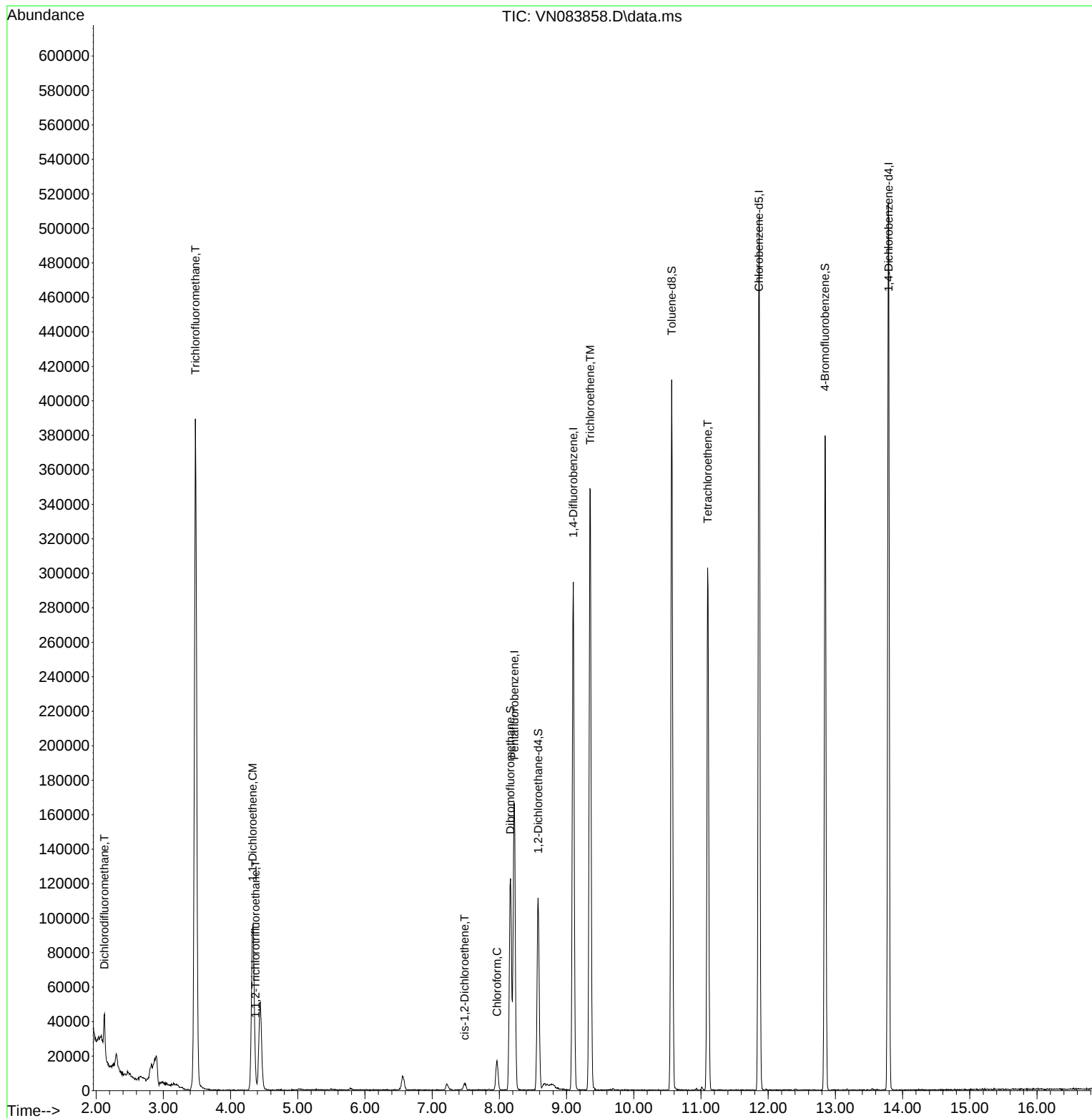
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
Data File : VN083858.D
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Quant Title : SW846 8260
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Manual Integrations
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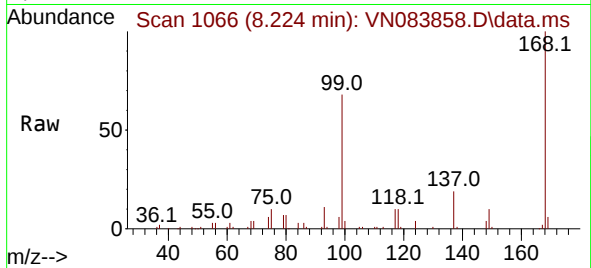
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083858.D
Acq: 13 Sep 2024 07:00

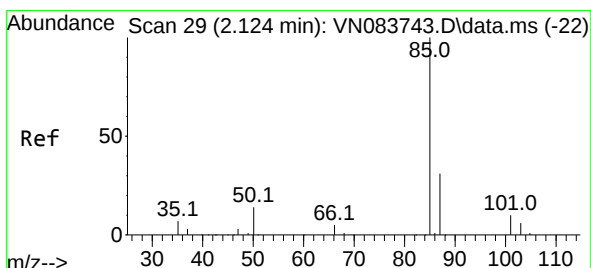
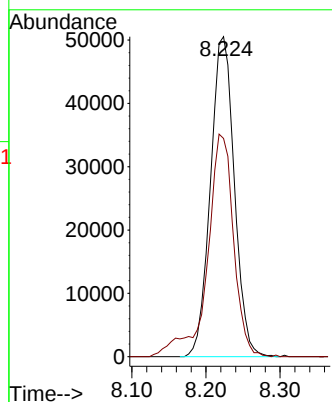
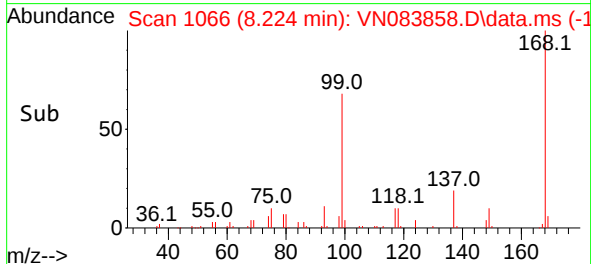
Instrument :
MSVOA_N
ClientSampleId :
MW201D-20240910



Tgt Ion:168 Resp: 113140
Ion Ratio Lower Upper
168 100
99 68.2 54.2 81.2

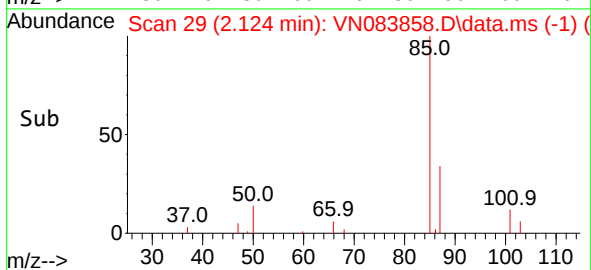
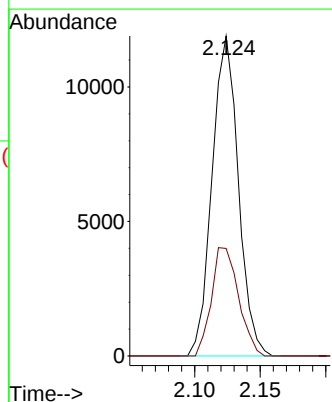
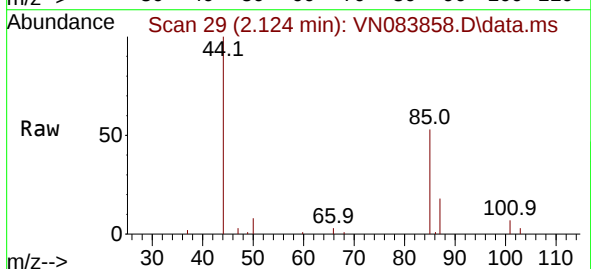
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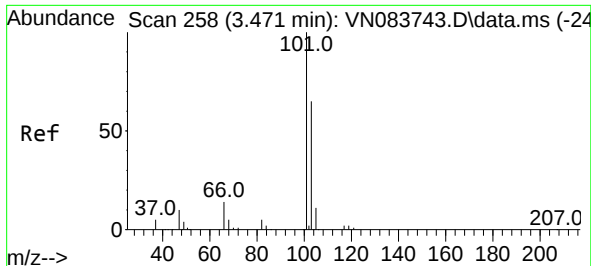
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#2
Dichlorodifluoromethane
Concen: 12.609 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083858.D
Acq: 13 Sep 2024 07:00

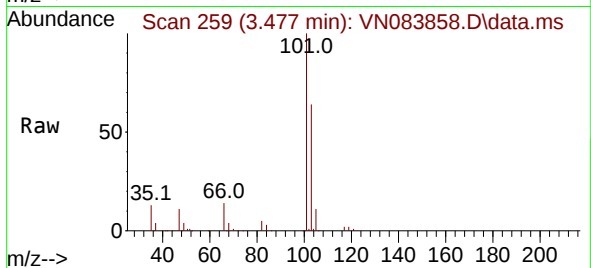
Tgt Ion: 85 Resp: 16568
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0





#7
Trichlorofluoromethane
Concen: 166.893 ug/l
RT: 3.477 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN083858.D
Acq: 13 Sep 2024 07:00

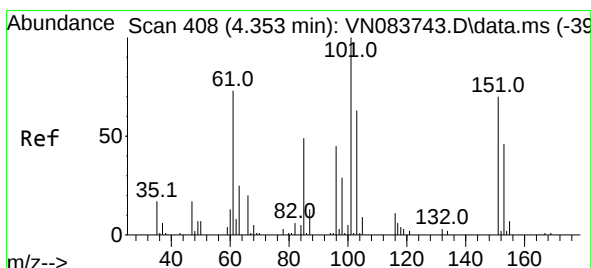
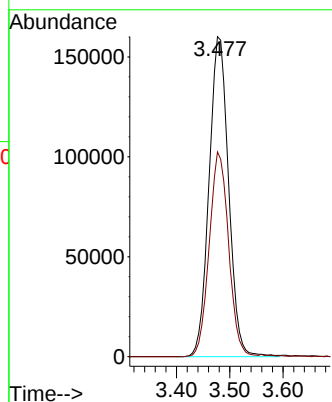
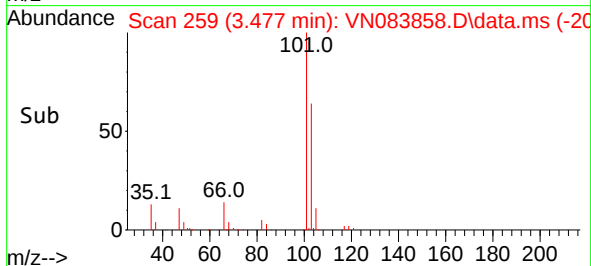
Instrument :
MSVOA_N
ClientSampleId :
MW201D-20240910



Tgt Ion:101 Resp: 408020
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0

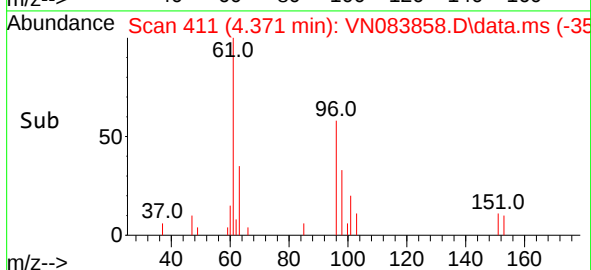
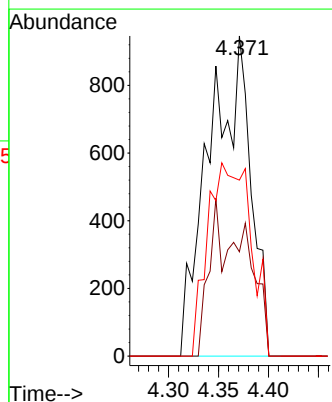
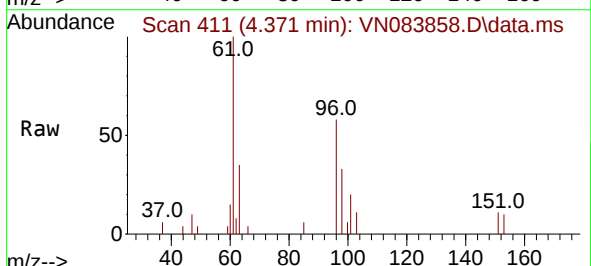
Manual Integrations
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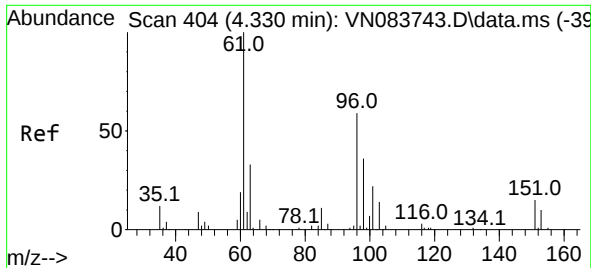
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.104 ug/l m
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN083858.D
Acq: 13 Sep 2024 07:00

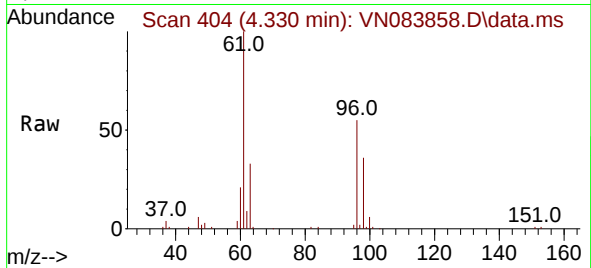
Tgt Ion:101 Resp: 2727
Ion Ratio Lower Upper
101 100
85 19.3 36.2 54.4#
151 63.3 57.7 86.5





#12
1,1-Dichloroethene
Concen: 43.969 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.000 min
Lab File: VN083858.D
Acq: 13 Sep 2024 07:00

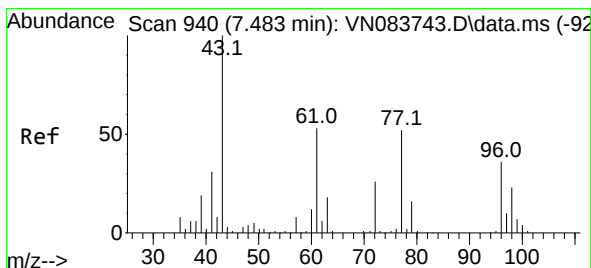
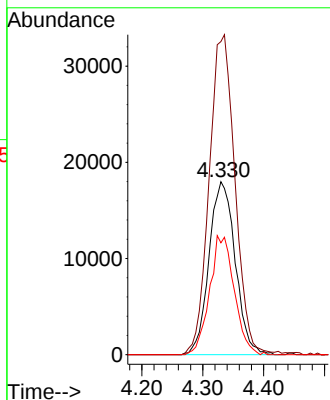
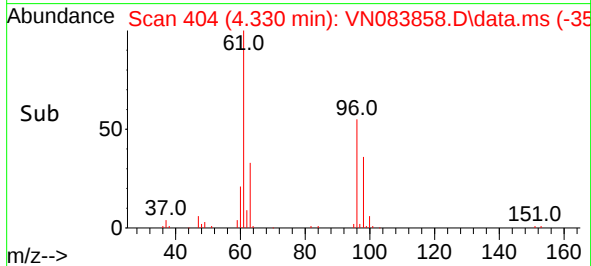
Instrument :
MSVOA_N
ClientSampleId :
MW201D-20240910



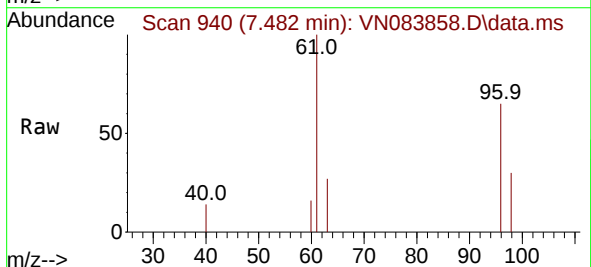
Tgt Ion: 96 Resp: 53809
Ion Ratio Lower Upper
96 100
61 181.1 143.4 215.0
98 64.7 52.7 79.1

Manual Integrations
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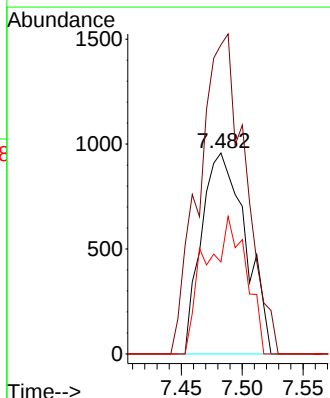
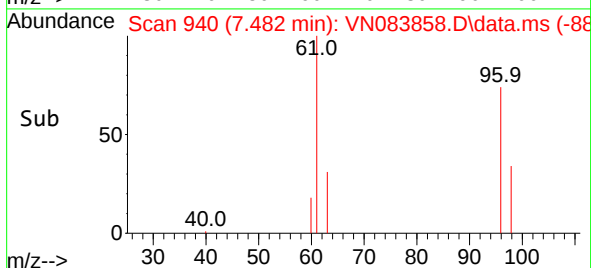
Reviewed By :John Carlone 09/13/2024
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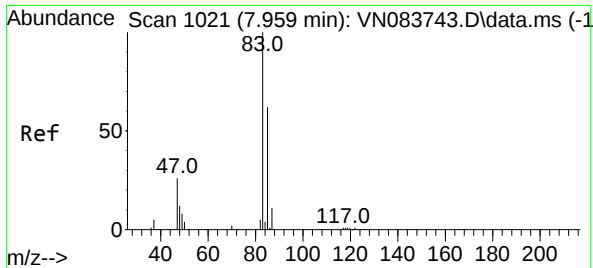


#27
cis-1,2-Dichloroethene
Concen: 1.548 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083858.D
Acq: 13 Sep 2024 07:00



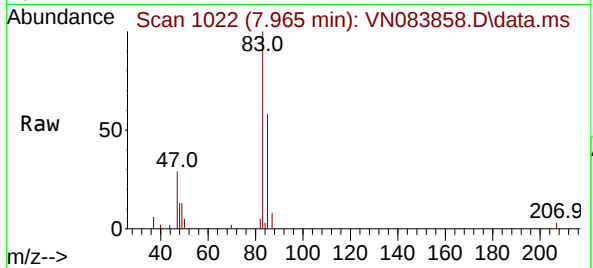
Tgt Ion: 96 Resp: 2410
Ion Ratio Lower Upper
96 100
61 166.5 0.0 306.2
98 63.1 0.0 128.6





#30
Chloroform
Concen: 6.161 ug/l
RT: 7.965 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VN083858.D
Acq: 13 Sep 2024 07:00

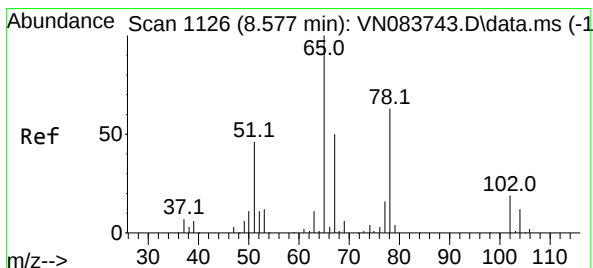
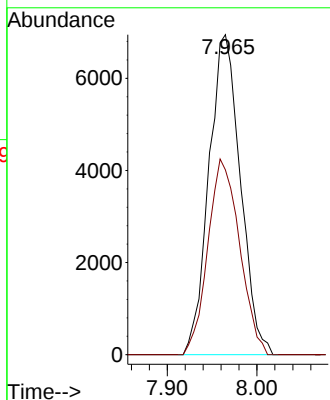
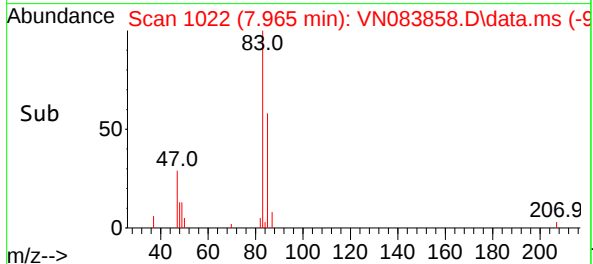
Instrument :
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ClientSampleId :
MW201D-20240910



Tgt Ion: 83 Resp: 16910
Ion Ratio Lower Upper
83 100
85 57.8 52.8 79.2

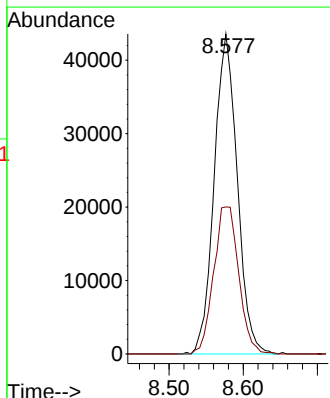
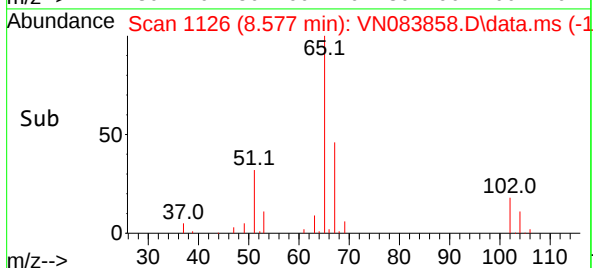
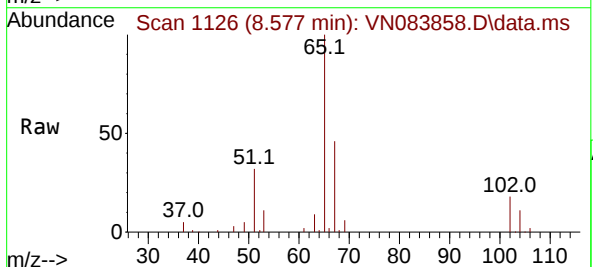
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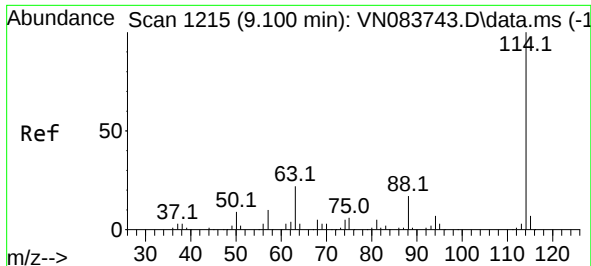
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#33
1,2-Dichloroethane-d4
Concen: 55.193 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083858.D
Acq: 13 Sep 2024 07:00

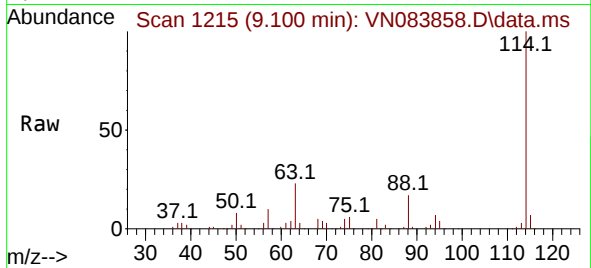
Tgt Ion: 65 Resp: 94163
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN083858.D
Acq: 13 Sep 2024 07:00

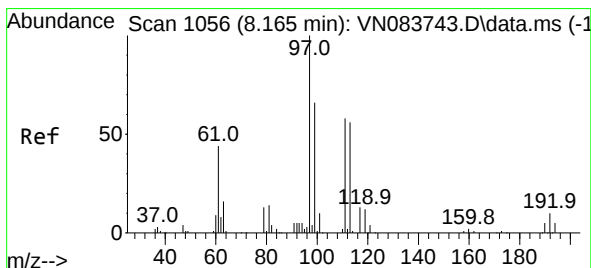
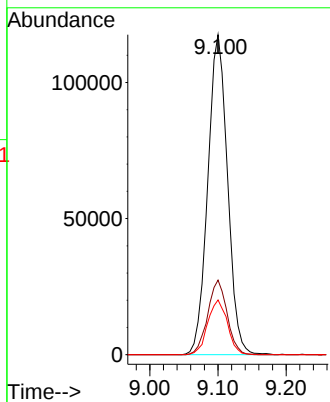
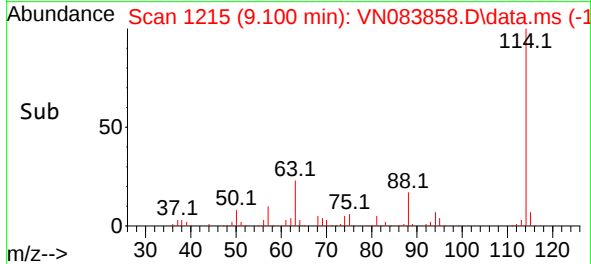
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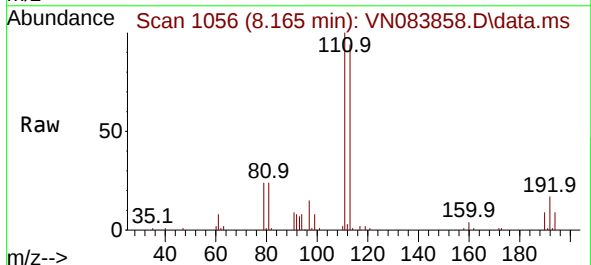
Tgt Ion:114 Resp: 237090
Ion Ratio Lower Upper
114 100
63 23.3 0.0 43.4
88 17.1 0.0 32.6

Manual Integrations
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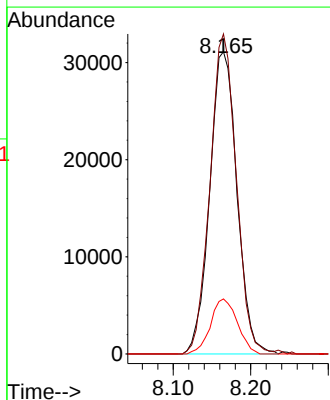
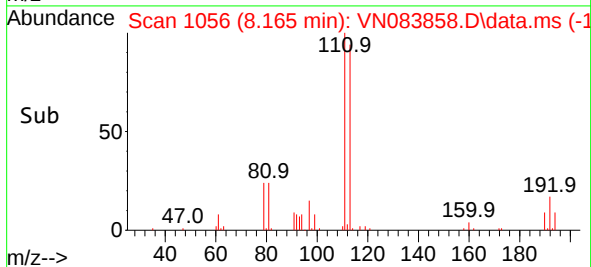
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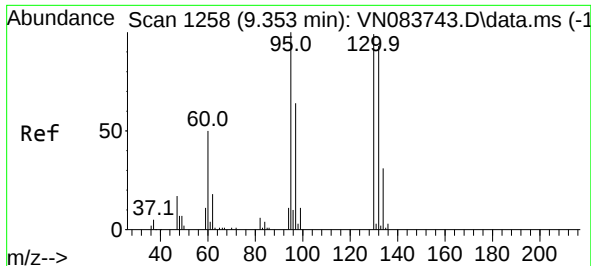


#35
Dibromofluoromethane
Concen: 50.144 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083858.D
Acq: 13 Sep 2024 07:00



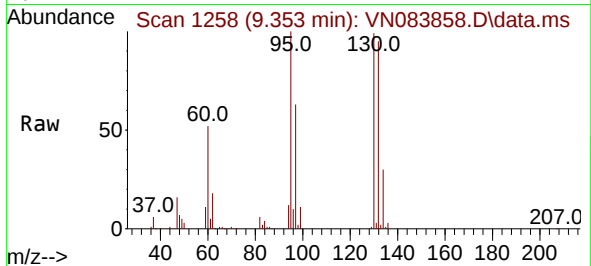
Tgt Ion:113 Resp: 76111
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 18.0 14.3 21.5





#44
Trichloroethene
Concen: 74.577 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083858.D
Acq: 13 Sep 2024 07:00

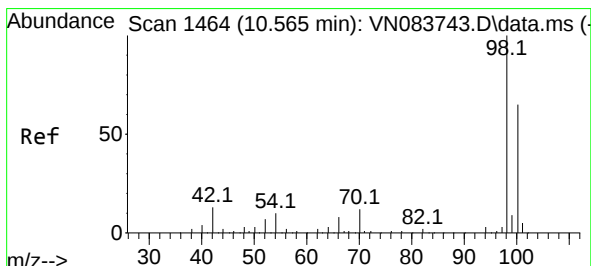
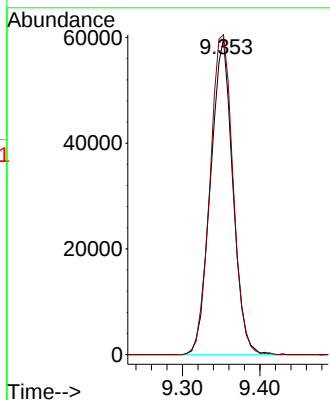
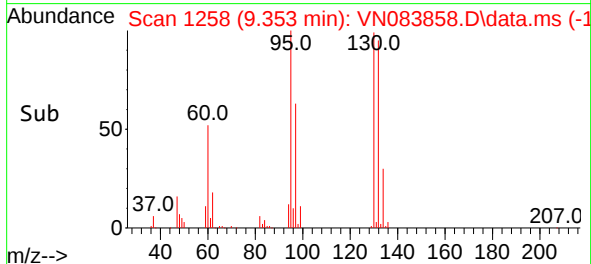
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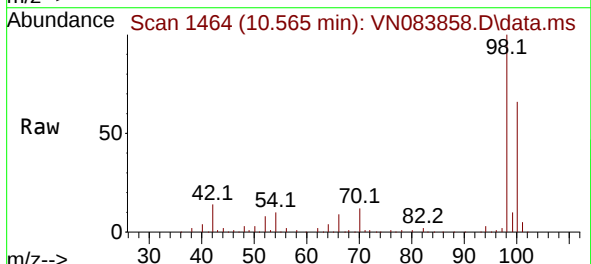
Tgt Ion:130 Resp: 11875
Ion Ratio Lower Upper
130 100
95 101.4 0.0 200.4

Manual Integrations
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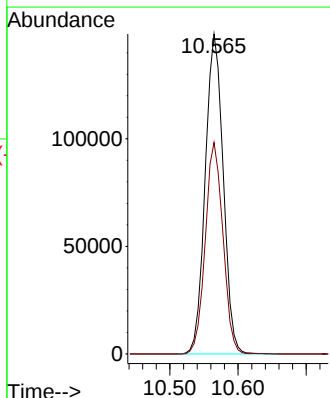
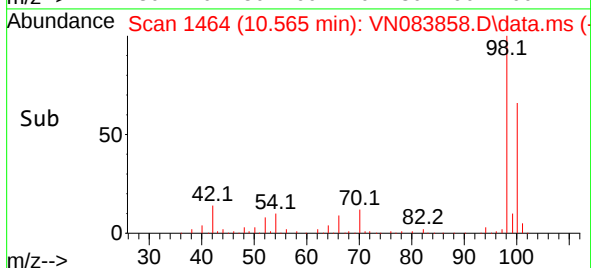
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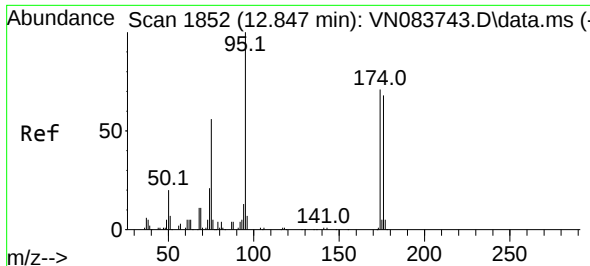


#50
Toluene-d8
Concen: 52.078 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083858.D
Acq: 13 Sep 2024 07:00



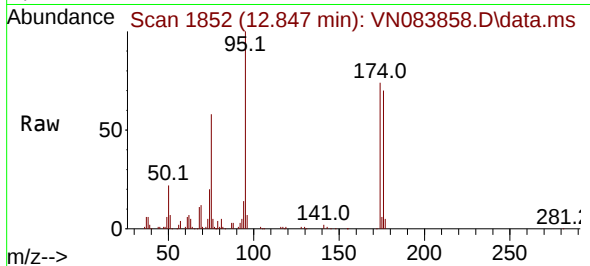
Tgt Ion: 98 Resp: 273269
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 60.396 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083858.D
Acq: 13 Sep 2024 07:00

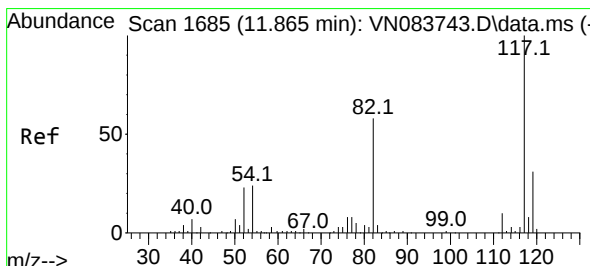
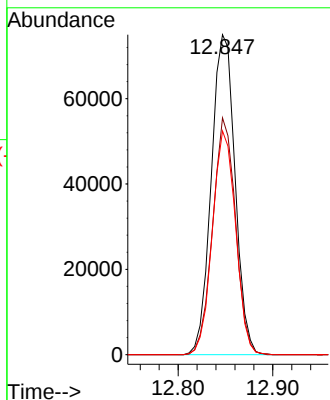
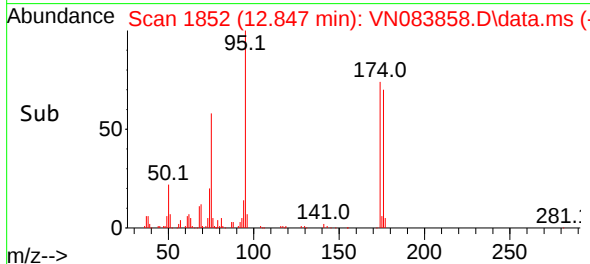
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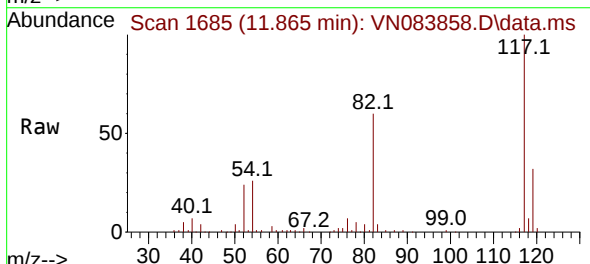
Tgt Ion: 95 Resp: 13075
Ion Ratio Lower Upper
95 100
174 71.3 0.0 139.8
176 68.4 0.0 131.4

Manual Integrations
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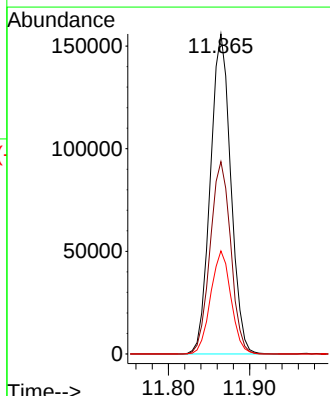
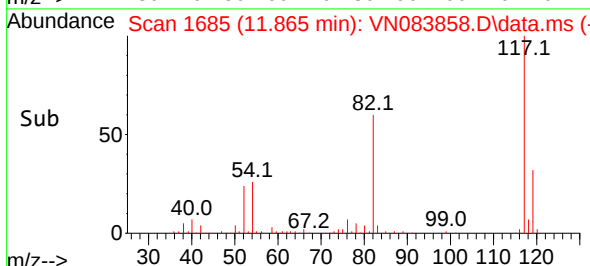
Reviewed By :John Carlone 09/13/2024
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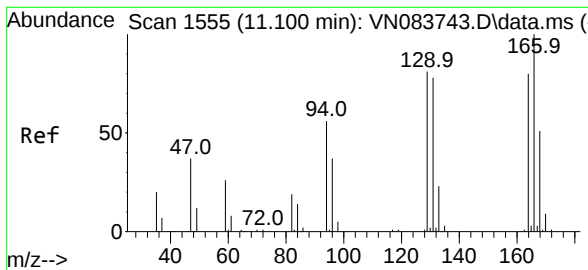


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083858.D
Acq: 13 Sep 2024 07:00



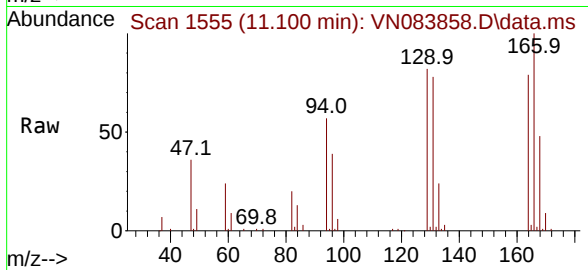
Tgt Ion:117 Resp: 272688
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.0
119 32.2 26.3 39.5





#64
Tetrachloroethene
Concen: 35.831 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN083858.D
Acq: 13 Sep 2024 07:00

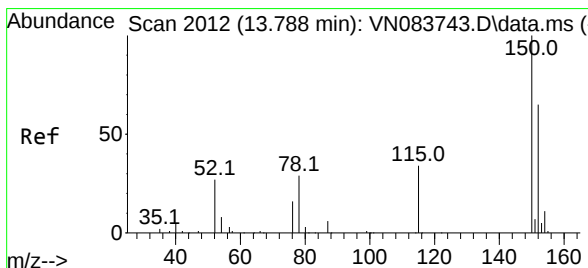
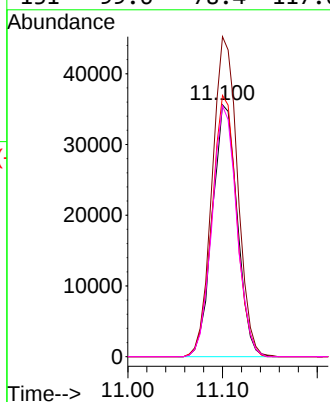
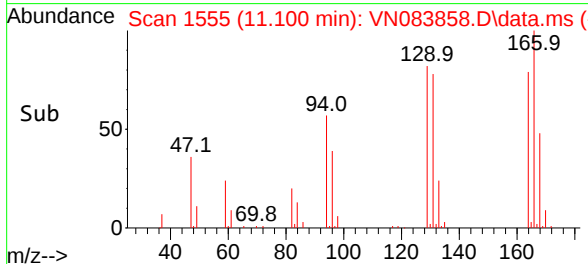
Instrument :
MSVOA_N
ClientSampleId :
MW201D-20240910



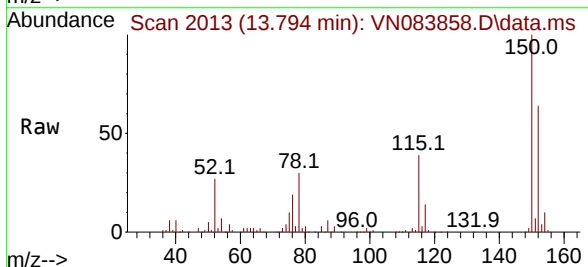
Tgt Ion:164 Resp: 64978
Ion Ratio Lower Upper
164 100
166 127.0 103.7 155.5
129 103.7 79.9 119.9
131 99.6 78.4 117.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083858.D
Acq: 13 Sep 2024 07:00



Tgt Ion:152 Resp: 129800
Ion Ratio Lower Upper
152 100
115 64.9 32.2 96.6
150 159.1 0.0 348.6

