

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084270.D
 Acq On : 02 Oct 2024 17:21
 Operator : JC\MD
 Sample : P4226-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D2-20240925

Quant Time: Oct 03 02:02:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

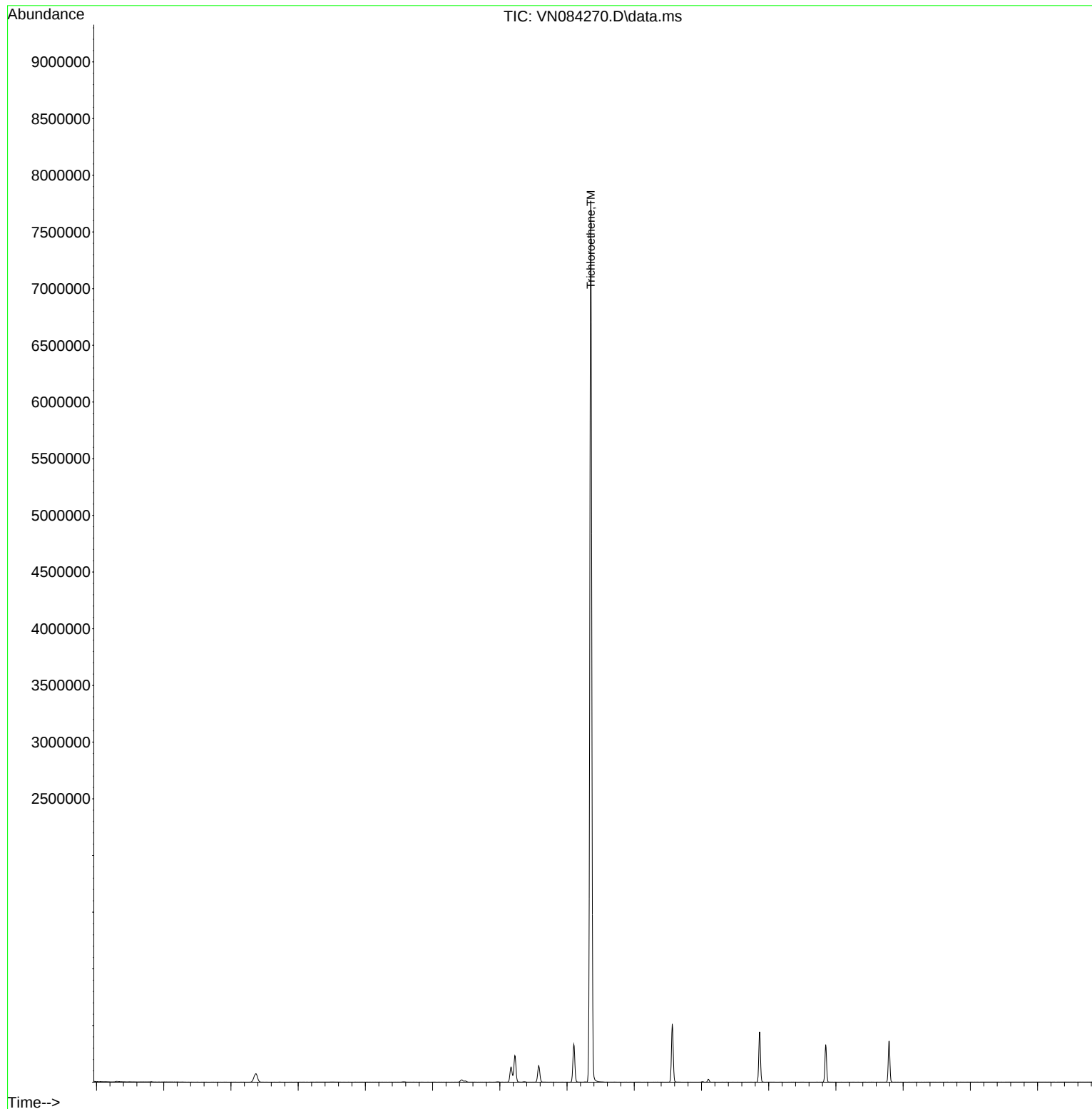
Internal Standards						
1) Pentafluorobenzene	8.230	168	162223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118728	49.362	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	98.720%	
35) Dibromofluoromethane	8.165	113	94215	51.033	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.060%	
50) Toluene-d8	10.565	98	350040	51.535	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.080%	
62) 4-Bromofluorobenzene	12.847	95	116047	46.898	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	93.800%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.377	101	48322	25.518	ug/l	98
12) 1,1-Dichloroethene	4.342	96	13507	7.395	ug/l	97
24) 1,1-Dichloroethane	6.565	63	6084	1.658	ug/l #	92
27) cis-1,2-Dichloroethene	7.494	96	6327	2.736	ug/l	90
30) Chloroform	7.971	83	3486	0.915	ug/l	86
38) Carbon Tetrachloride	8.371	117	3212	1.092	ug/l #	92
44) Trichloroethene	9.353	130	2636970	1351.325	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	1822	0.998	ug/l #	84
64) Tetrachloroethene	11.100	164	5399	3.168	ug/l	90

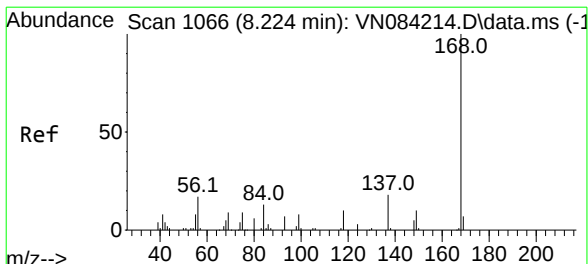
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
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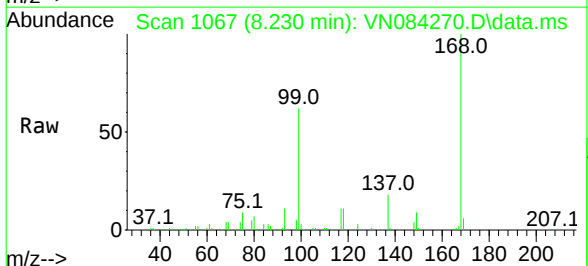
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



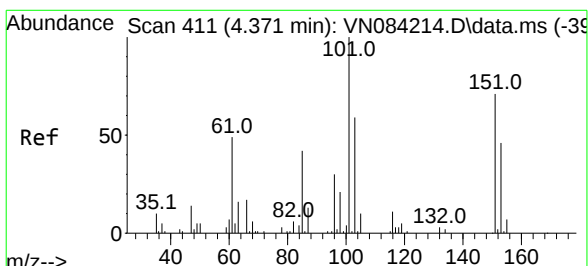
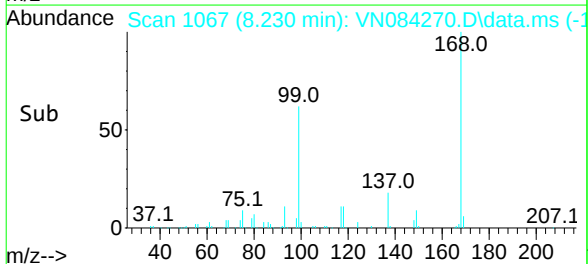
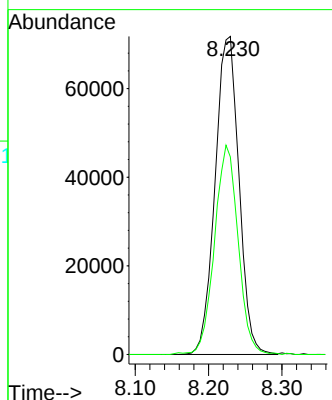


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN084270.D
Acq: 02 Oct 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20240925

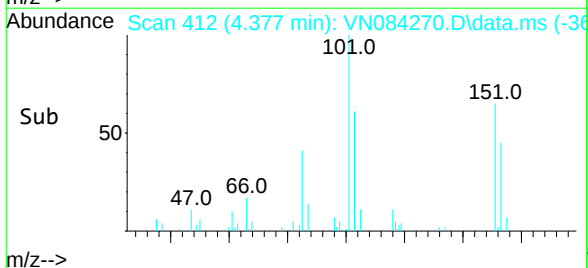
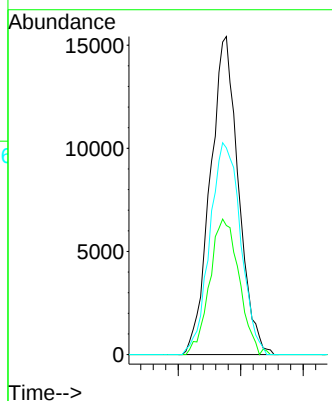
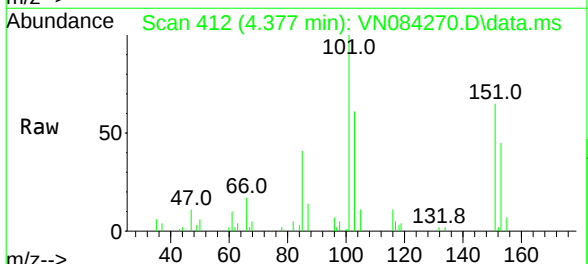


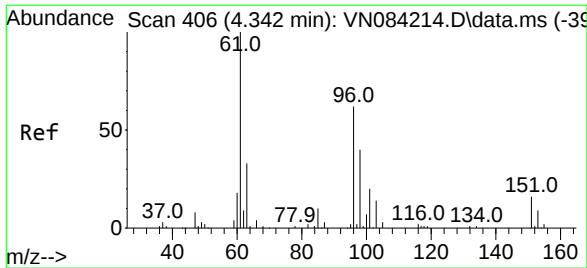
Tgt Ion:168 Resp: 162223
Ion Ratio Lower Upper
168 100
99 61.8 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.518 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN084270.D
Acq: 02 Oct 2024 17:21

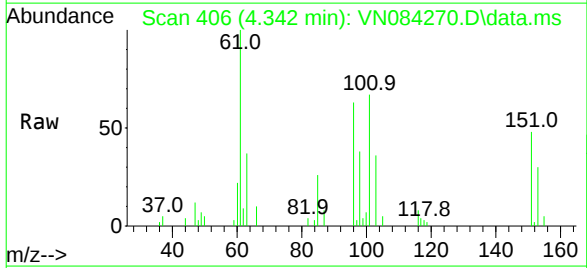
Tgt Ion:101 Resp: 48322
Ion Ratio Lower Upper
101 100
85 44.4 36.2 54.4
151 72.7 59.3 88.9



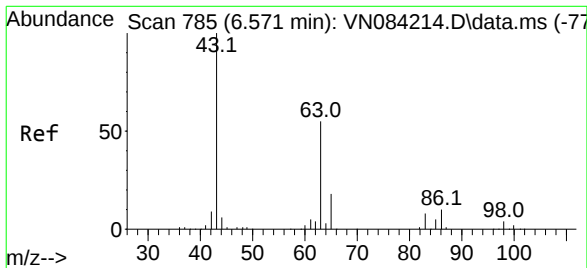
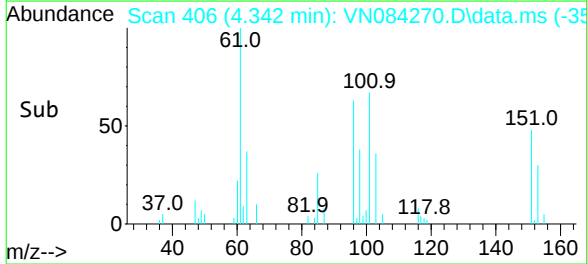
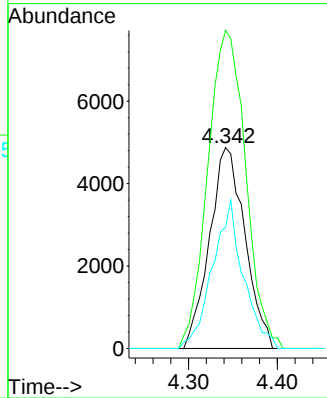


#12
1,1-Dichloroethene
Concen: 7.395 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084270.D
Acq: 02 Oct 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20240925

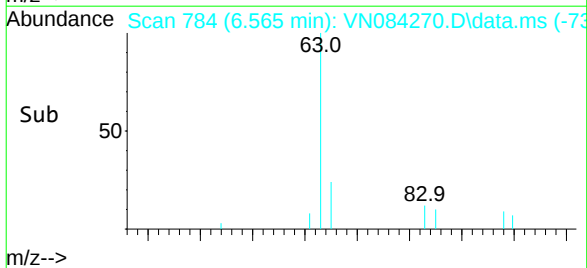
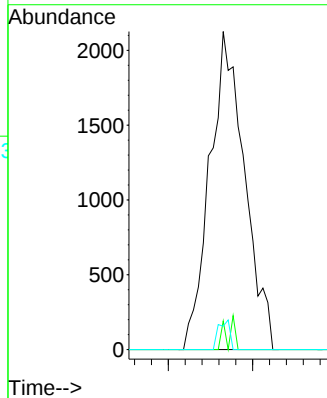
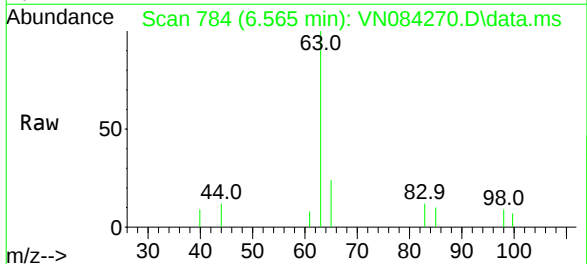


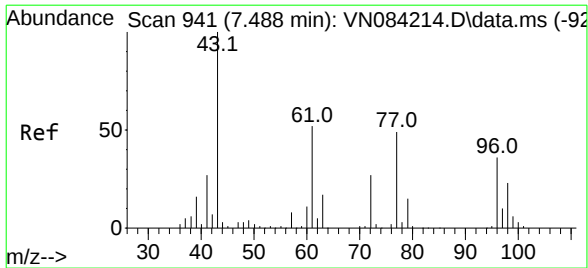
Tgt Ion: 96 Resp: 13507
Ion Ratio Lower Upper
96 100
61 158.3 128.6 192.8
98 60.5 51.7 77.5



#24
1,1-Dichloroethane
Concen: 1.658 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN084270.D
Acq: 02 Oct 2024 17:21

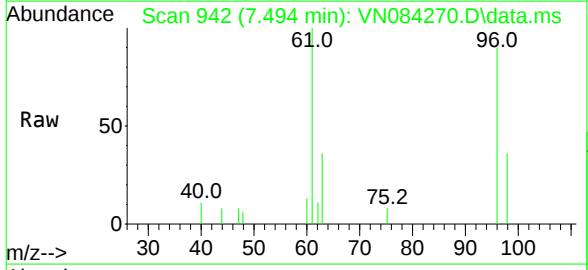
Tgt Ion: 63 Resp: 6084
Ion Ratio Lower Upper
63 100
98 9.0 3.4 10.2
100 7.3 2.0 5.8#



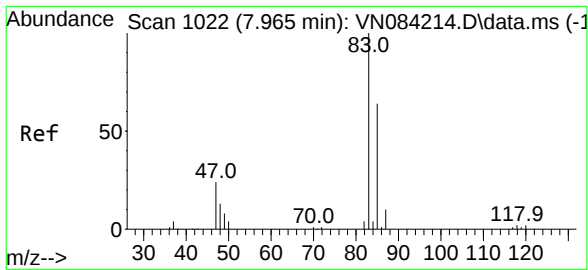
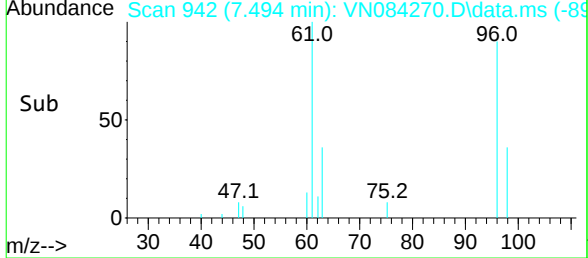
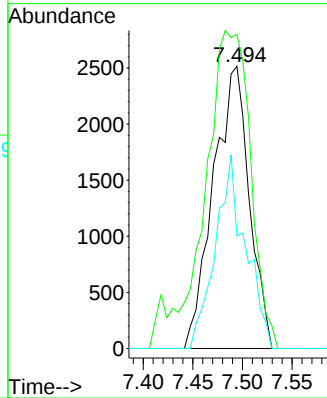


#27
 cis-1,2-Dichloroethene
 Concen: 2.736 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN084270.D
 Acq: 02 Oct 2024 17:21

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D2-20240925

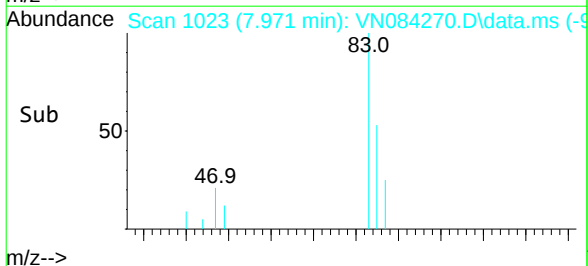
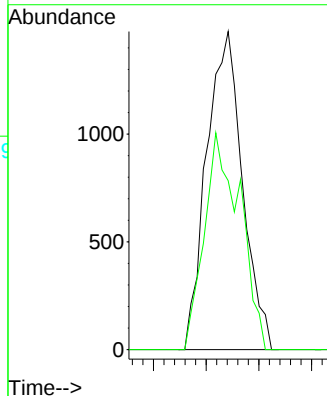
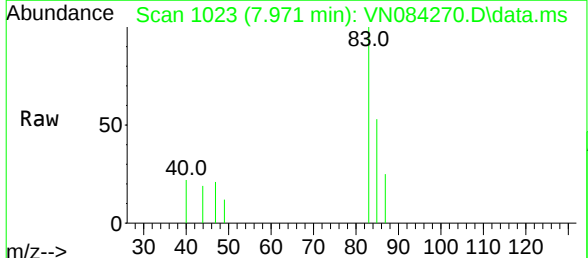


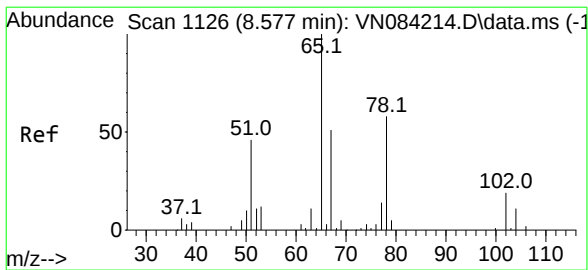
Tgt Ion: 96 Resp: 6327
 Ion Ratio Lower Upper
 96 100
 61 136.5 0.0 301.8
 98 57.5 0.0 128.2



#30
 Chloroform
 Concen: 0.915 ug/l
 RT: 7.971 min Scan# 1023
 Delta R.T. 0.006 min
 Lab File: VN084270.D
 Acq: 02 Oct 2024 17:21

Tgt Ion: 83 Resp: 3486
 Ion Ratio Lower Upper
 83 100
 85 53.1 51.0 76.4

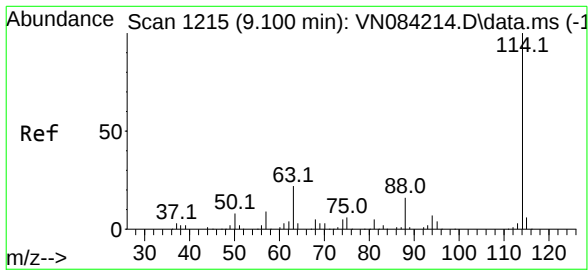
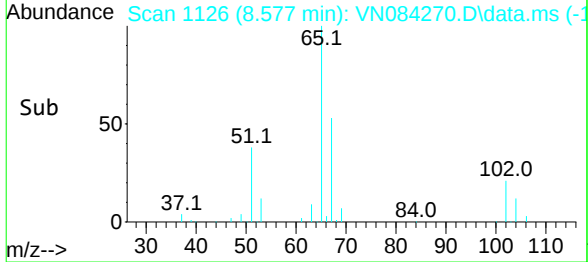
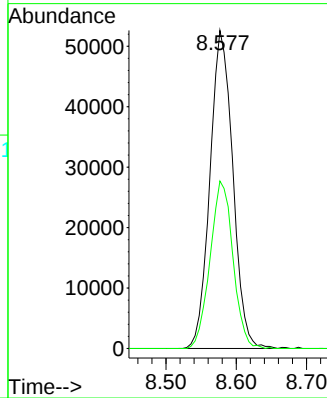
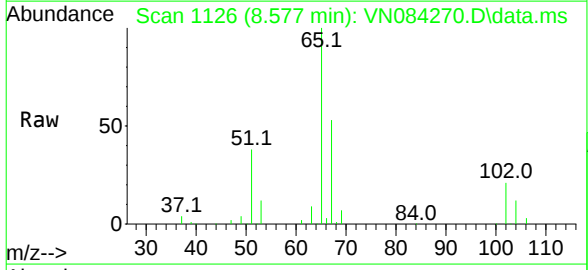




#33
 1,2-Dichloroethane-d4
 Concen: 49.362 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084270.D
 Acq: 02 Oct 2024 17:21

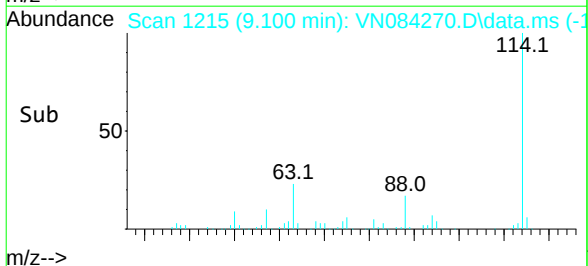
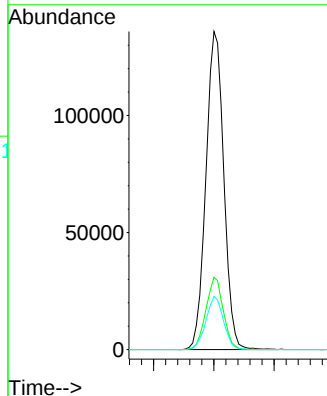
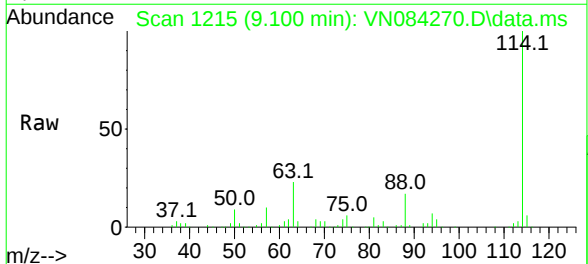
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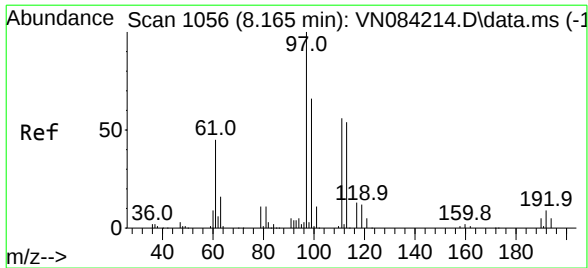
Tgt Ion: 65 Resp: 118728
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084270.D
 Acq: 02 Oct 2024 17:21

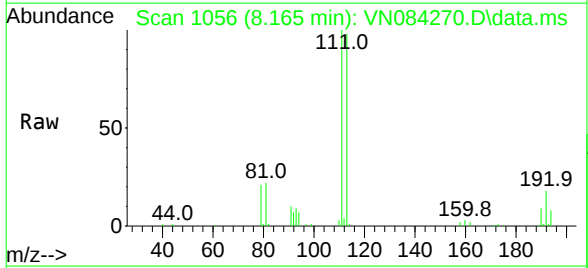
Tgt Ion: 114 Resp: 280035
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.8
 88 16.7 0.0 31.6



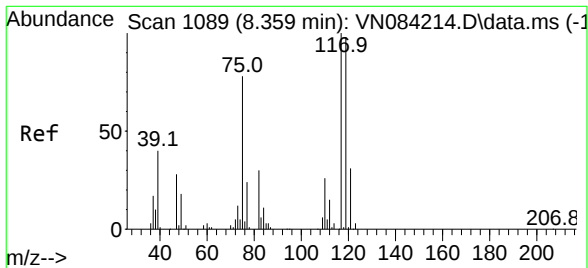
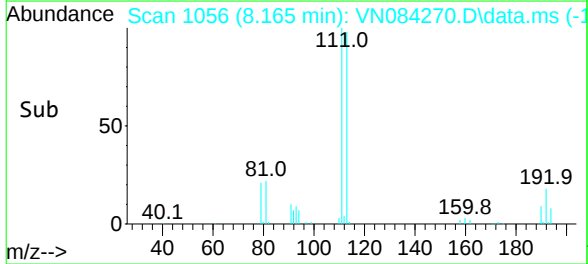
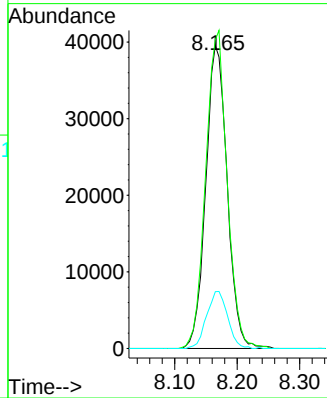


#35
Dibromofluoromethane
Concen: 51.033 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084270.D
Acq: 02 Oct 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20240925

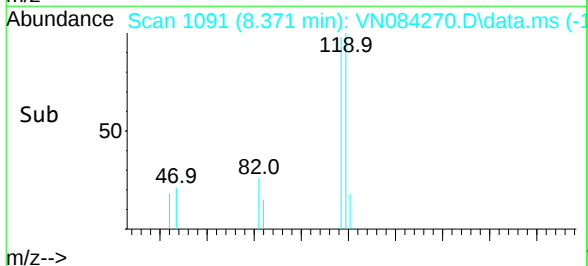
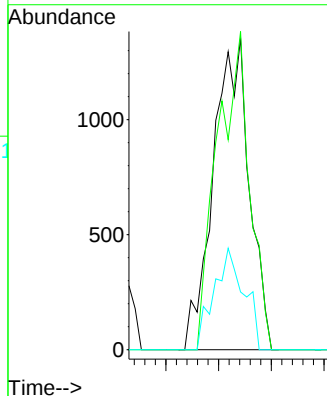
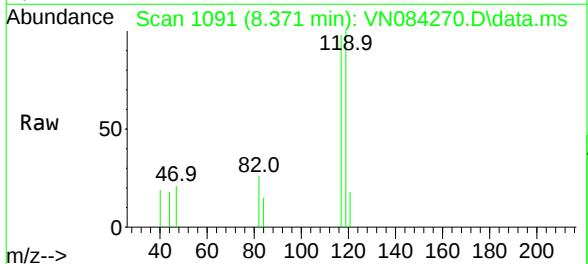


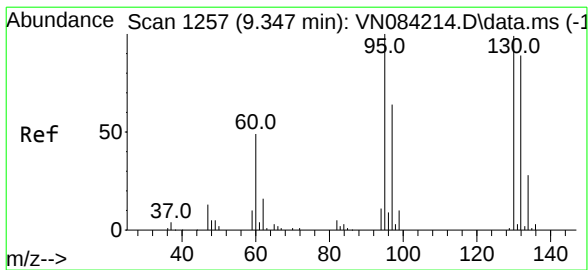
Tgt Ion:113 Resp: 94215
Ion Ratio Lower Upper
113 100
111 105.1 83.3 124.9
192 18.4 13.5 20.3



#38
Carbon Tetrachloride
Concen: 1.092 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.012 min
Lab File: VN084270.D
Acq: 02 Oct 2024 17:21

Tgt Ion:117 Resp: 3212
Ion Ratio Lower Upper
117 100
119 102.0 78.7 118.1
121 18.5 24.4 36.6#





#44

Trichloroethene

Concen: 1351.325 ug/l

RT: 9.353 min Scan# 12

Delta R.T. 0.006 min

Lab File: VN084270.D

Acq: 02 Oct 2024 17:21

Instrument :

MSVOA_N

ClientSampleId :

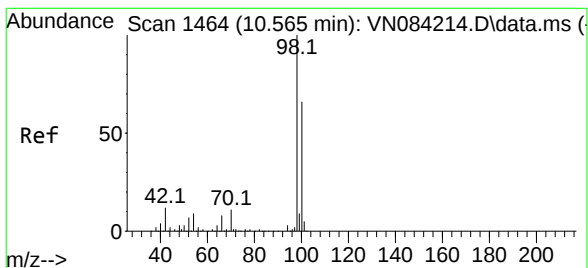
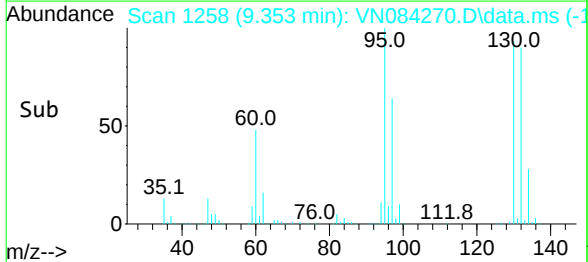
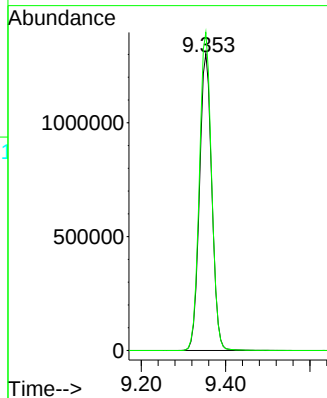
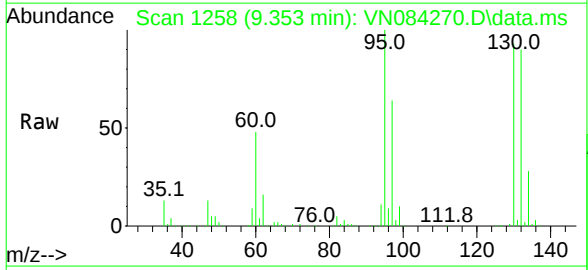
TT101D2-20240925

Tgt Ion:130 Resp: 2636970

Ion Ratio Lower Upper

130 100

95 107.1 0.0 203.0



#50

Toluene-d8

Concen: 51.535 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084270.D

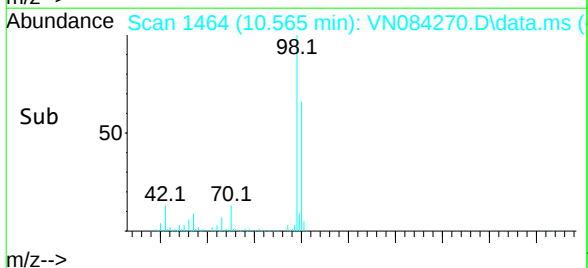
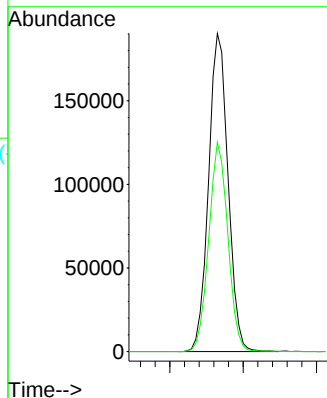
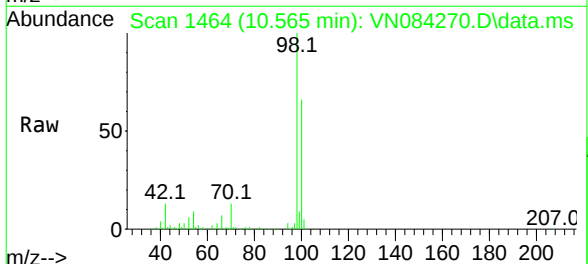
Acq: 02 Oct 2024 17:21

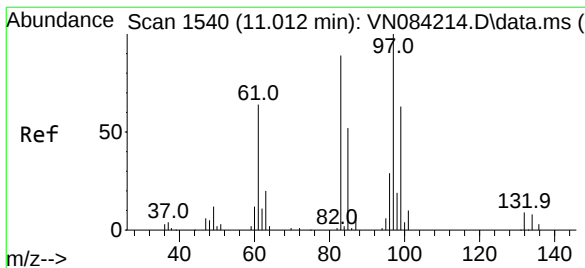
Tgt Ion: 98 Resp: 350040

Ion Ratio Lower Upper

98 100

100 64.7 52.7 79.1





#55

1,1,2-Trichloroethane

Concen: 0.998 ug/l

RT: 11.018 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN084270.D

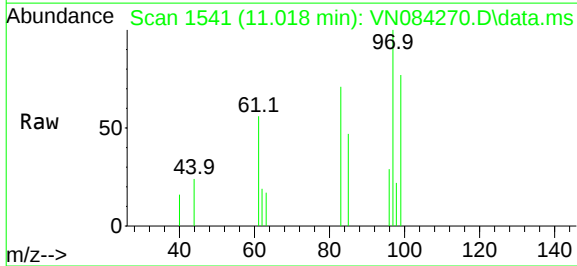
Acq: 02 Oct 2024 17:21

Instrument :

MSVOA_N

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Tgt Ion: 97 Resp: 1822

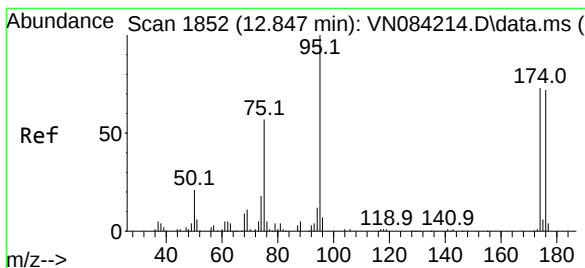
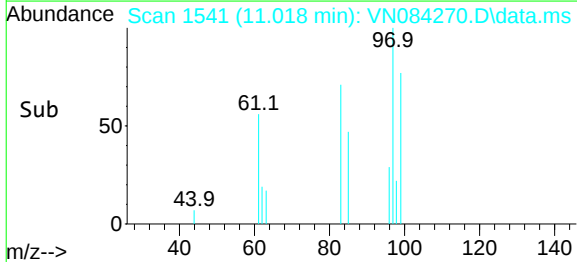
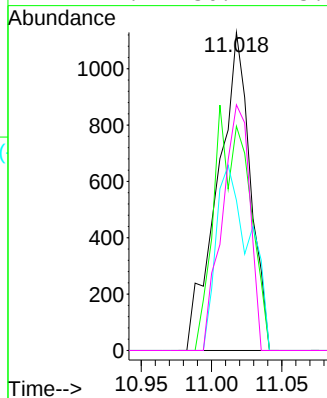
Ion Ratio Lower Upper

97 100

83 70.5 71.0 106.4#

85 47.2 41.7 62.5

99 77.2 50.1 75.1#



#62

4-Bromofluorobenzene

Concen: 46.898 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084270.D

Acq: 02 Oct 2024 17:21

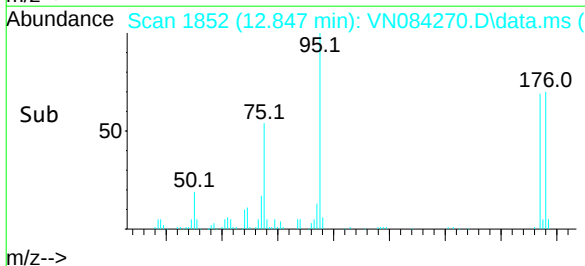
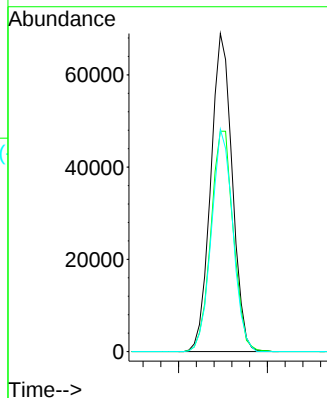
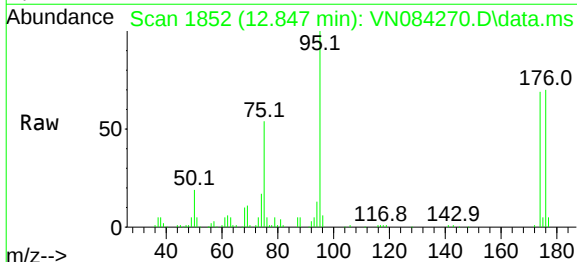
Tgt Ion: 95 Resp: 116047

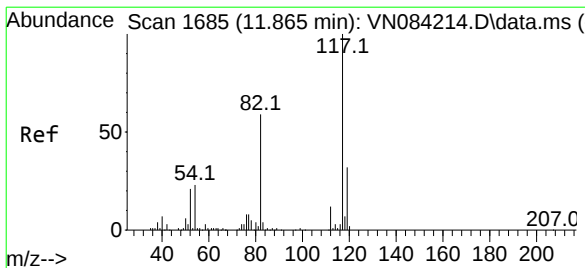
Ion Ratio Lower Upper

95 100

174 72.6 0.0 145.2

176 69.5 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN084270.D

Acq: 02 Oct 2024 17:21

Instrument :

MSVOA_N

ClientSampleId :

TT101D2-20240925

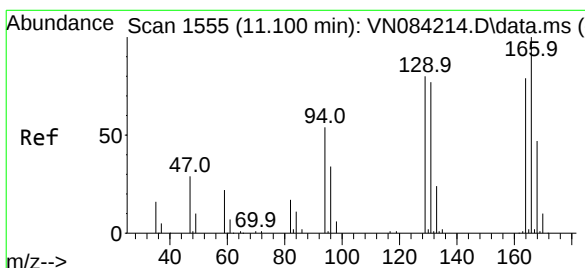
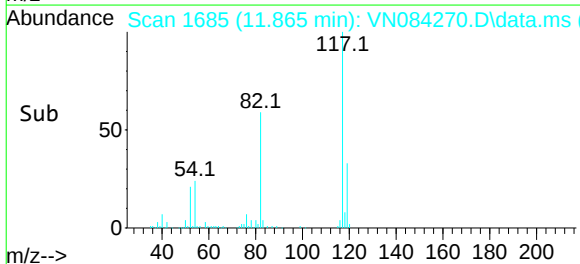
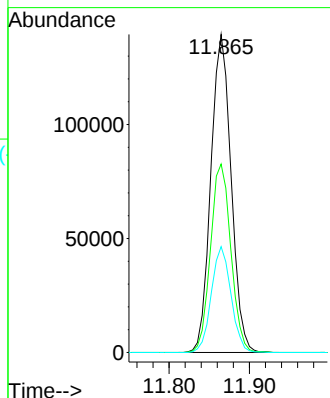
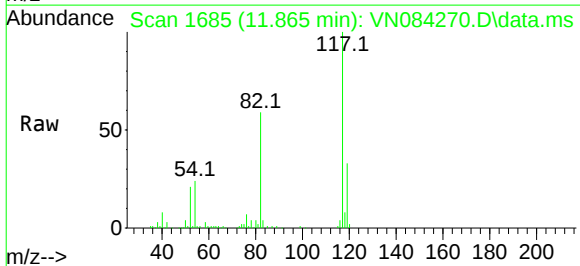
Tgt Ion:117 Resp: 244697

Ion Ratio Lower Upper

117 100

82 59.3 47.2 70.8

119 33.3 25.4 38.0



#64

Tetrachloroethene

Concen: 3.168 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN084270.D

Acq: 02 Oct 2024 17:21

Tgt Ion:164 Resp: 5399

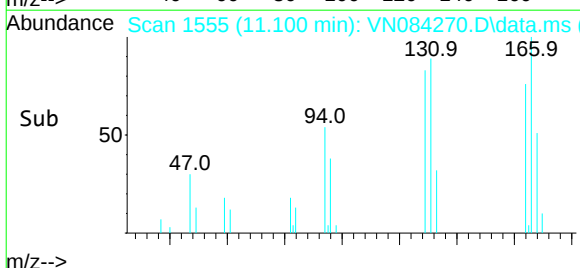
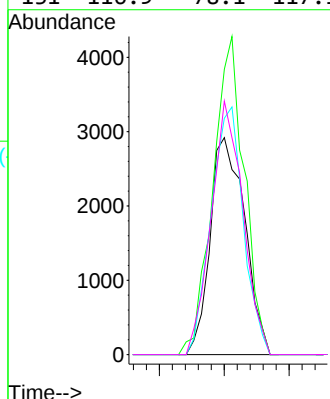
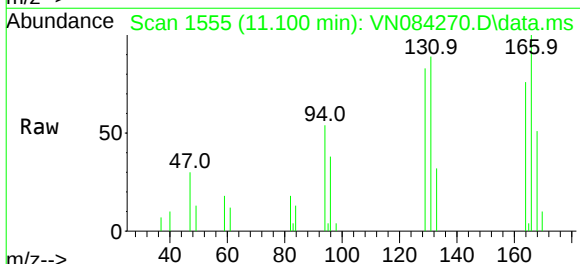
Ion Ratio Lower Upper

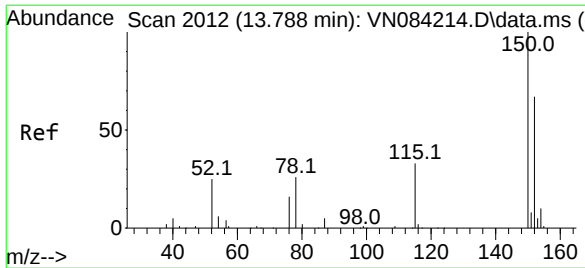
164 100

166 131.5 101.0 151.4

129 108.9 80.8 121.2

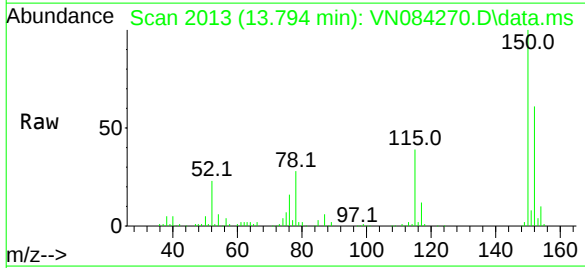
131 116.9 78.1 117.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084270.D
Acq: 02 Oct 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20240925



Tgt	Ion	152	Resp:	98851
Ion	Ratio	Lower	Upper	
152	100			
115	61.7	31.3	93.9	
150	159.5	0.0	349.8	

