

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022924\
 Data File : VN081264.D
 Acq On : 29 Feb 2024 13:04
 Operator : JC\MD
 Sample : VN0229WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBL01

Quant Time: Feb 29 23:49:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

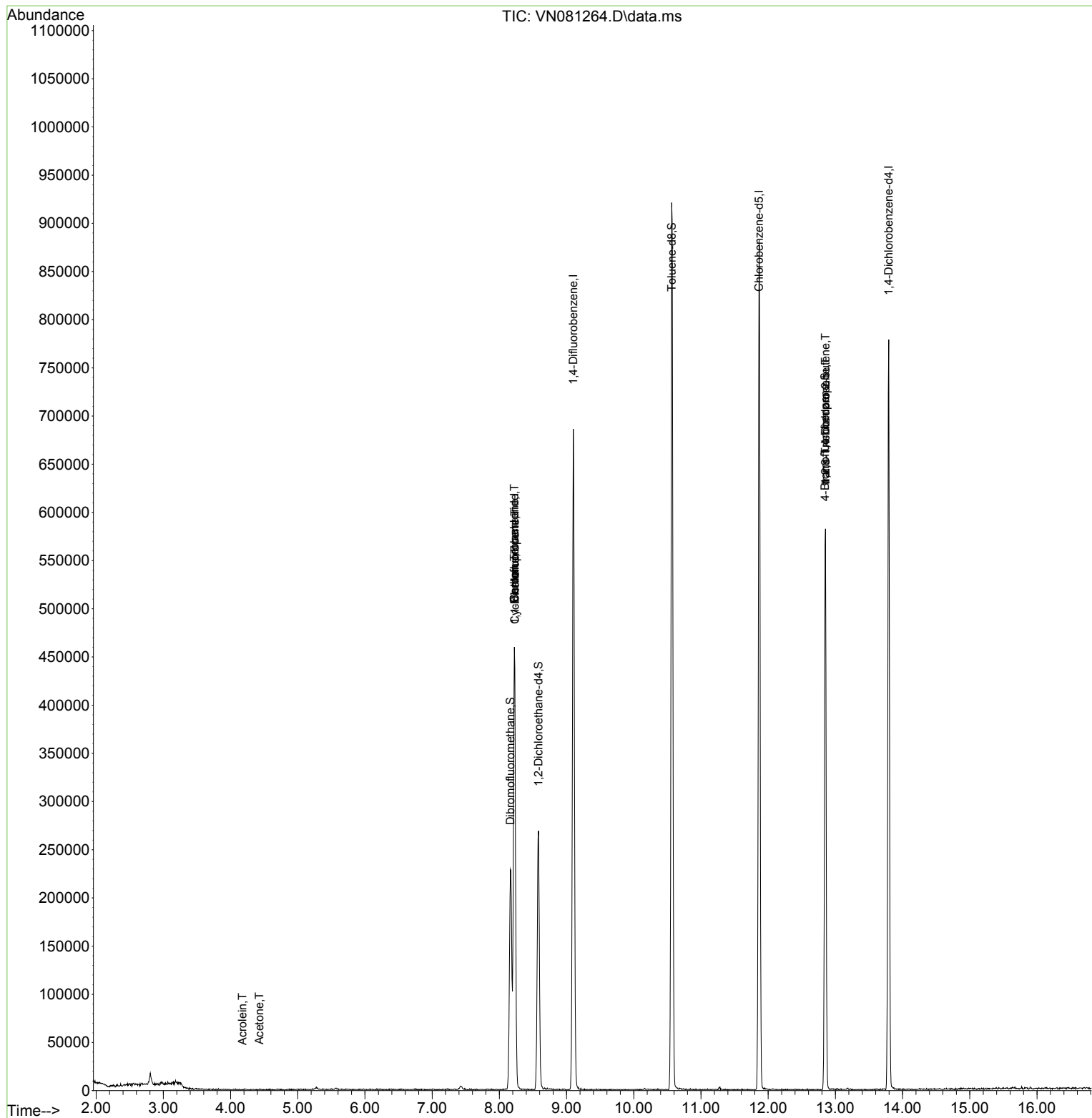
Internal Standards						
1) Pentafluorobenzene	8.224	168	308245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	578680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	500475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	215112	56.935	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.860%	
35) Dibromofluoromethane	8.165	113	167783	51.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.540%	
50) Toluene-d8	10.565	98	640726	55.130	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.260%	
62) 4-Bromofluorobenzene	12.847	95	197783	45.290	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.580%	
Target Compounds						Qvalue
3) Chloromethane	2.359	50	783	Below Cal	#	43
6) Chloroethane	3.124	64	128	Below Cal	#	42
13) Acrolein	4.177	56	361	0.969	ug/l #	68
16) Acetone	4.430	43	403	0.271	ug/l #	44
20) Methylene Chloride	5.271	84	844	Below Cal	#	81
31) Cyclohexane	8.230	56	8605	1.319	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	29547	5.271	ug/l #	44
38) Carbon Tetrachloride	8.224	117	36615	6.456	ug/l #	17
76) 1,2,3-Trichloropropane	12.853	75	109919	25.164	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	109919	64.769	ug/l #	14

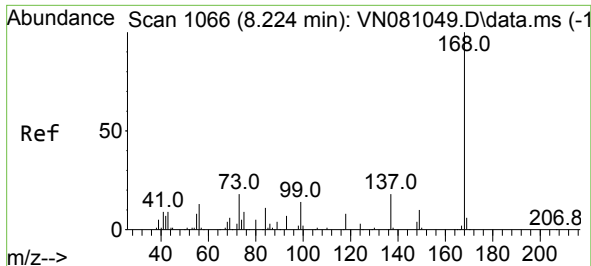
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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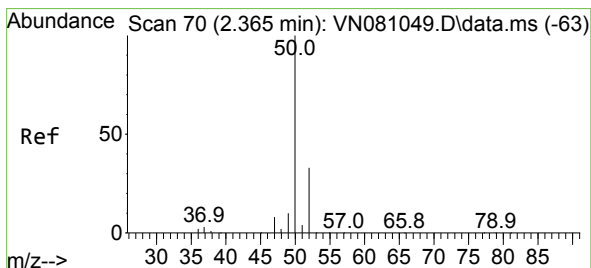
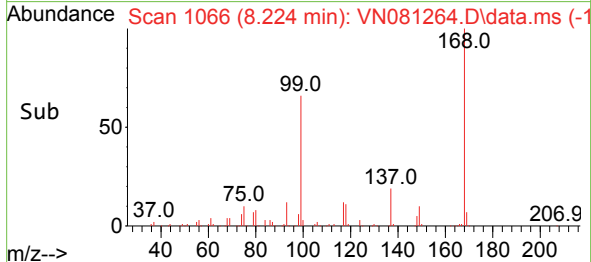
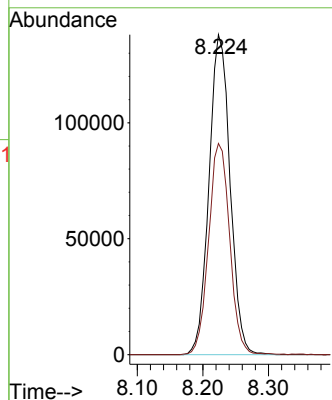
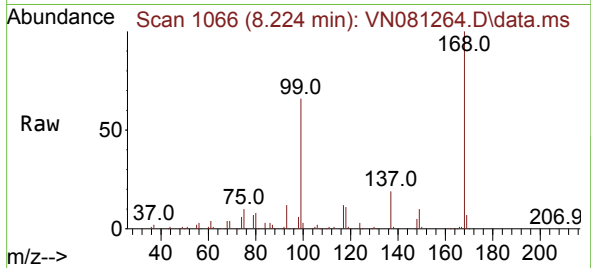




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081264.D
Acq: 29 Feb 2024 13:04

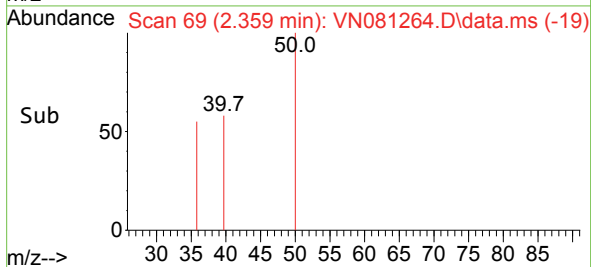
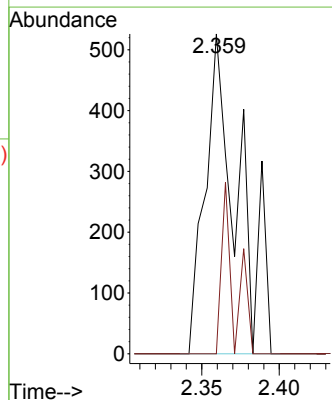
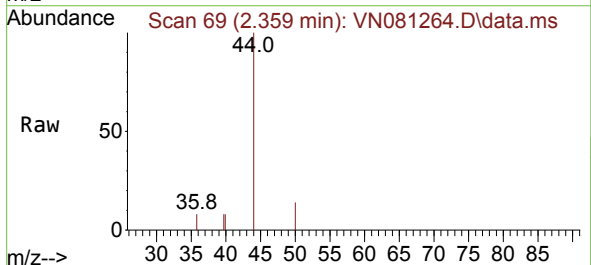
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBL01

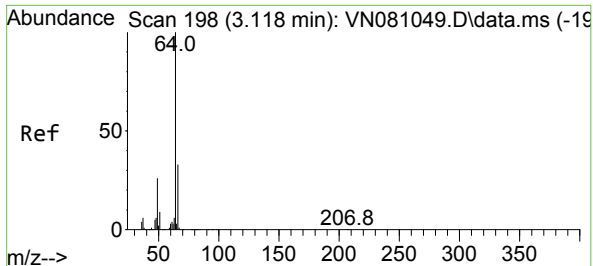
Tgt Ion:168 Resp: 308245
Ion Ratio Lower Upper
168 100
99 66.0 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081264.D
Acq: 29 Feb 2024 13:04

Tgt Ion: 50 Resp: 783
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

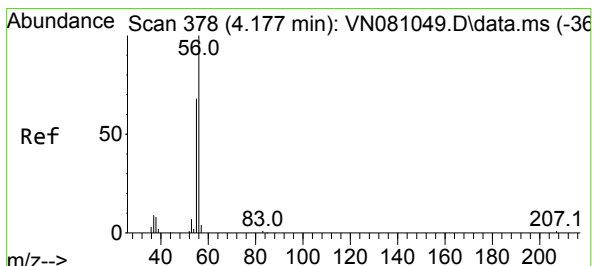
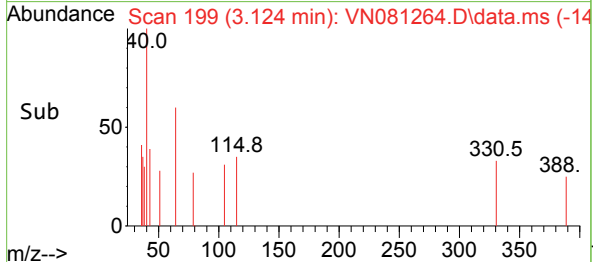
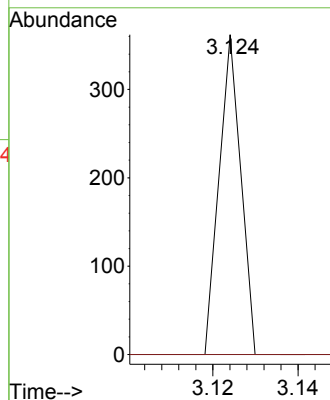
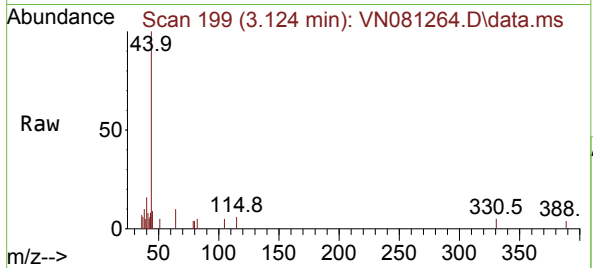




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN081264.D
Acq: 29 Feb 2024 13:04

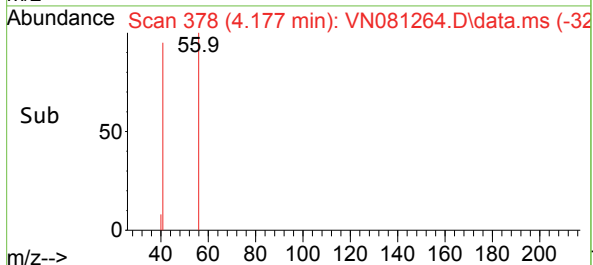
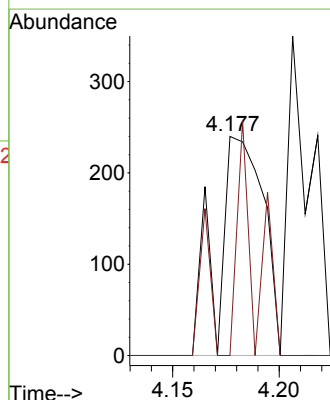
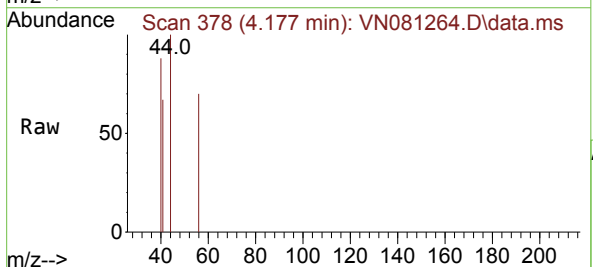
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBL01

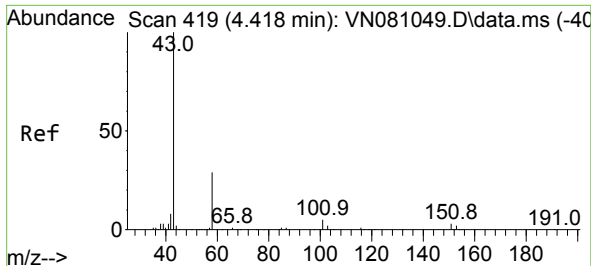
Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 0.969 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081264.D
Acq: 29 Feb 2024 13:04

Tgt Ion: 56 Resp: 361
Ion Ratio Lower Upper
56 100
55 42.7 55.3 82.9#

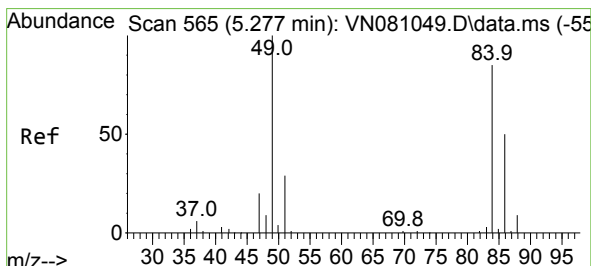
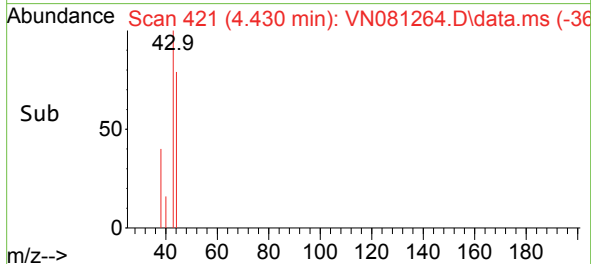
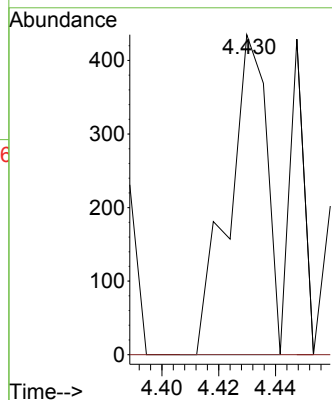
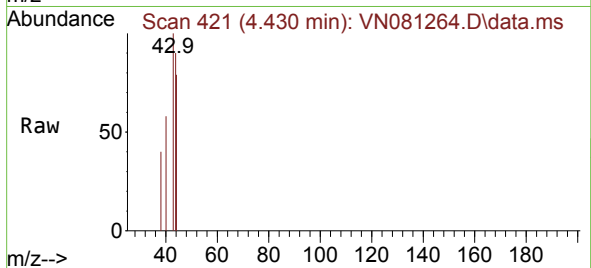




#16
Acetone
Concen: 0.271 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN081264.D
Acq: 29 Feb 2024 13:04

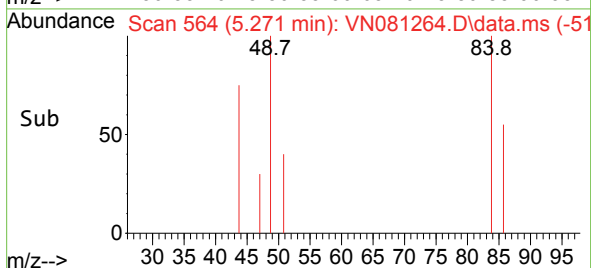
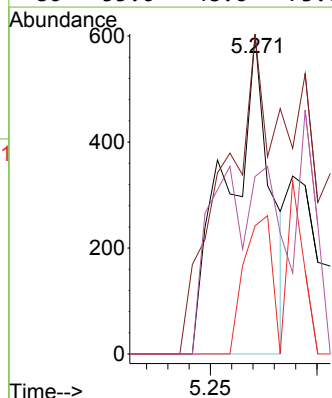
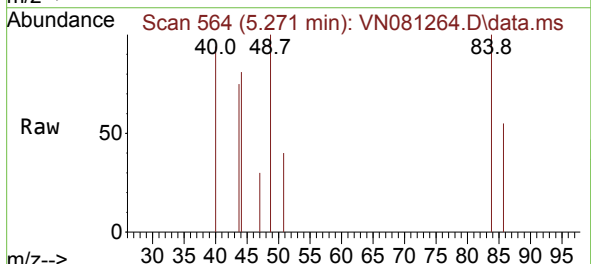
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBL01

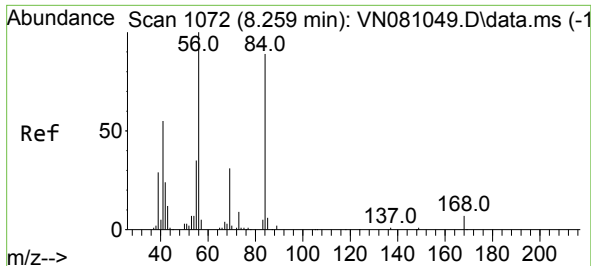
Tgt Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081264.D
Acq: 29 Feb 2024 13:04

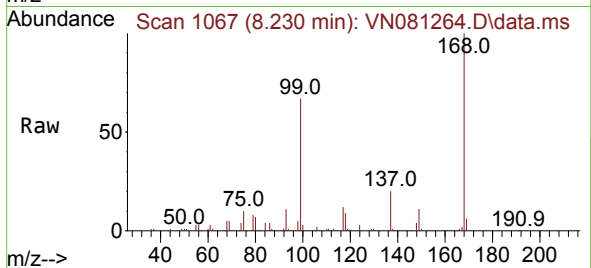
Tgt Ion: 84 Resp: 844
Ion Ratio Lower Upper
84 100
49 100.3 108.1 162.1#
51 40.2 32.9 49.3
86 55.6 48.6 73.0



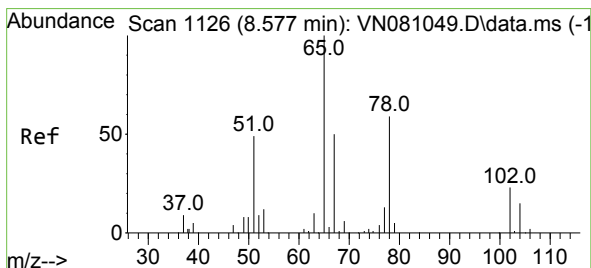
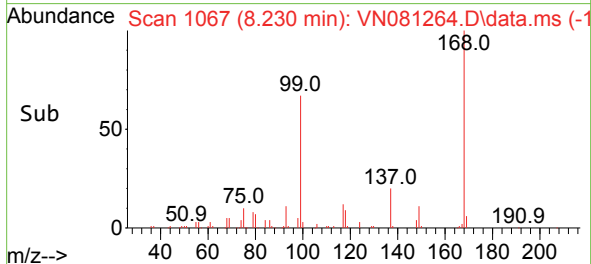
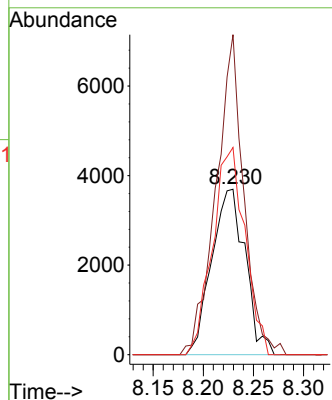


#31
Cyclohexane
Concen: 1.319 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081264.D
Acq: 29 Feb 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0229WBL01

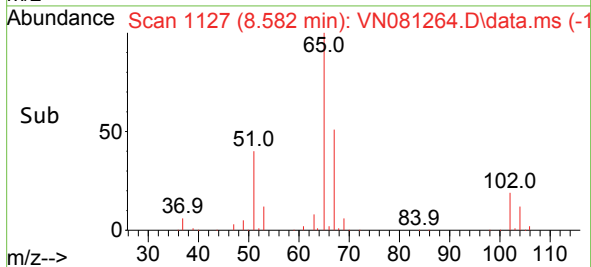
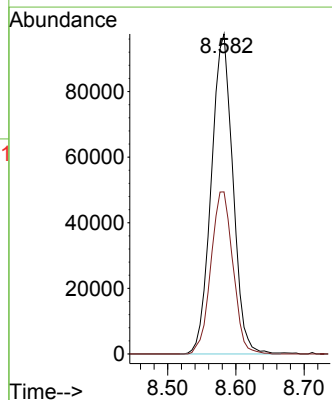
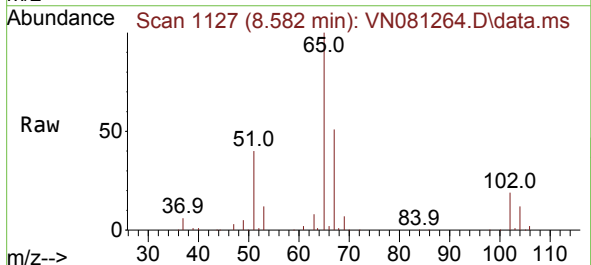


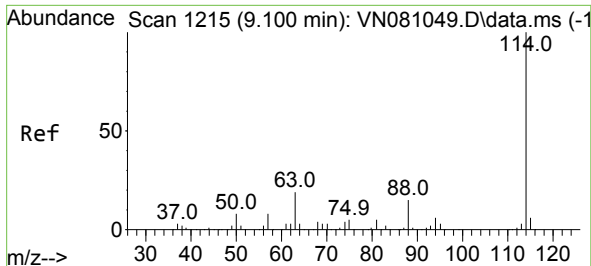
Tgt Ion: 56 Resp: 8605
Ion Ratio Lower Upper
56 100
69 193.3 20.1 30.1#
84 125.2 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 56.935 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081264.D
Acq: 29 Feb 2024 13:04

Tgt Ion: 65 Resp: 215112
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081264.D

Acq: 29 Feb 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBL01

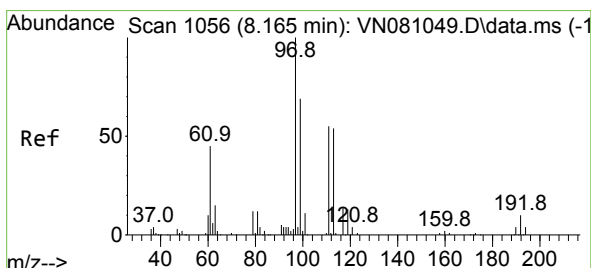
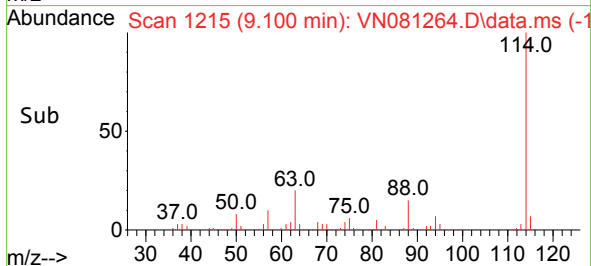
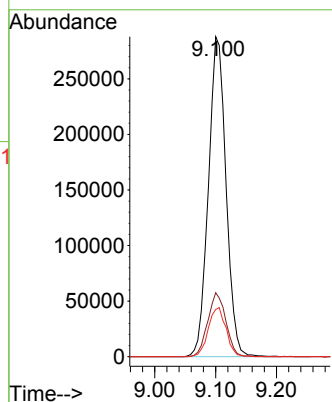
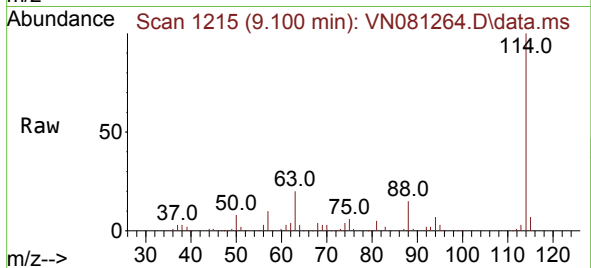
Tgt Ion:114 Resp: 578680

Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

88 14.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.274 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081264.D

Acq: 29 Feb 2024 13:04

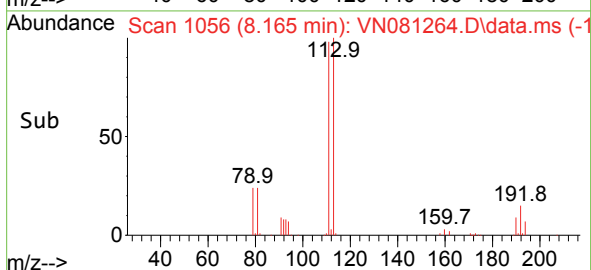
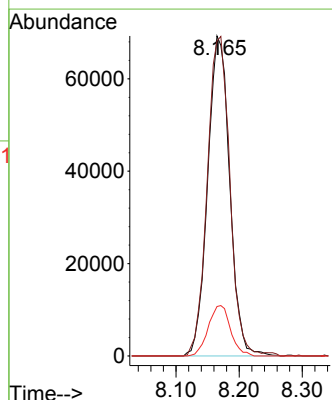
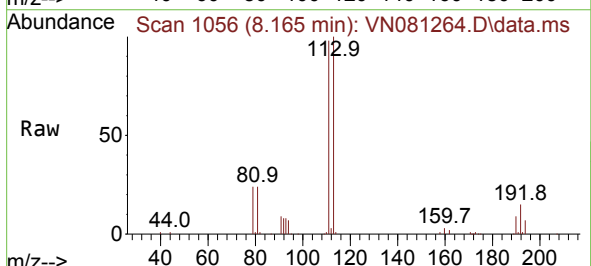
Tgt Ion:113 Resp: 167783

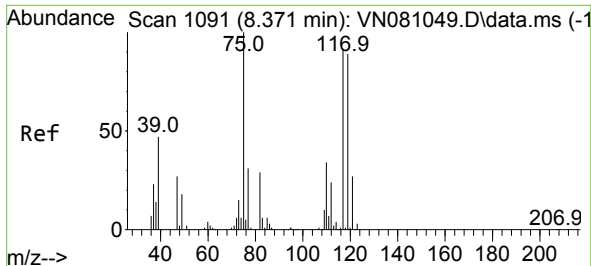
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 15.9 12.5 18.7





#36

1,1-Dichloropropene

Concen: 5.271 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN081264.D

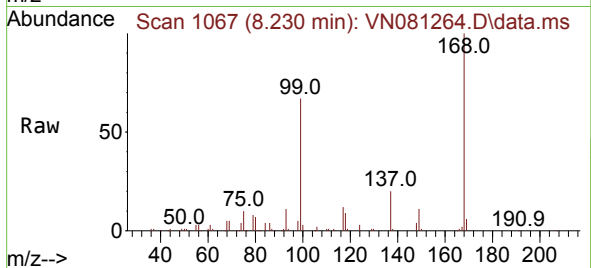
Acq: 29 Feb 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBL01



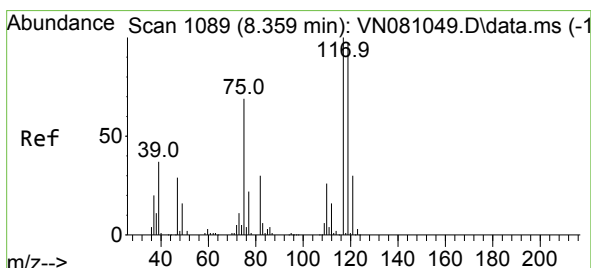
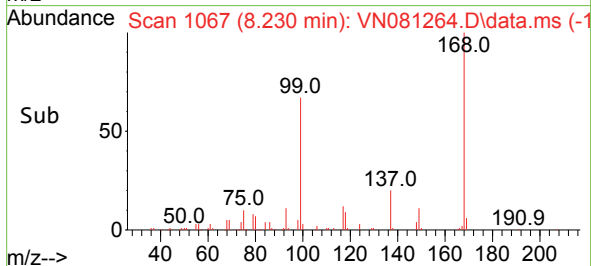
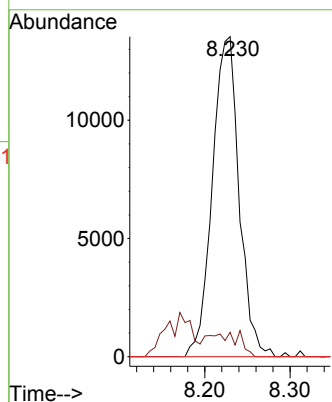
Tgt Ion: 75 Resp: 29547

Ion Ratio Lower Upper

75 100

110 2.1 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.456 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN081264.D

Acq: 29 Feb 2024 13:04

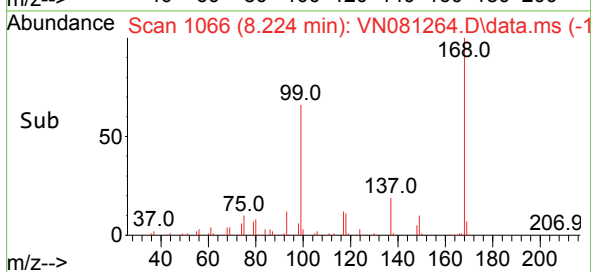
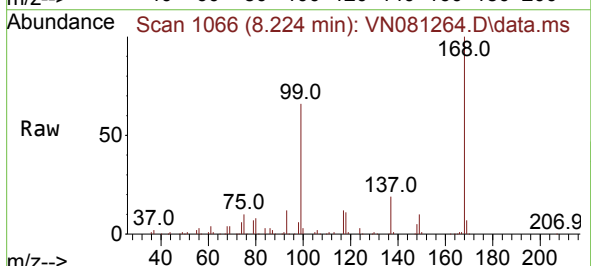
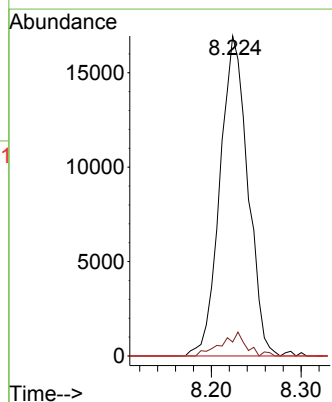
Tgt Ion: 117 Resp: 36615

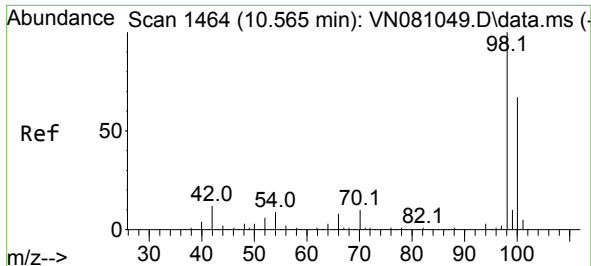
Ion Ratio Lower Upper

117 100

119 4.4 73.4 110.2#

121 0.0 24.4 36.6#

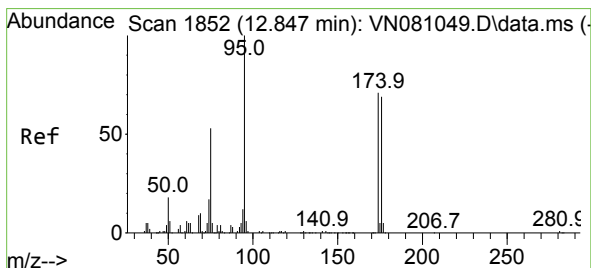
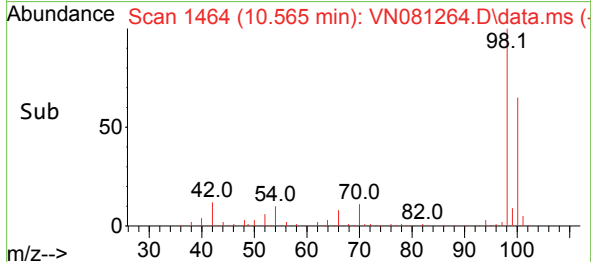
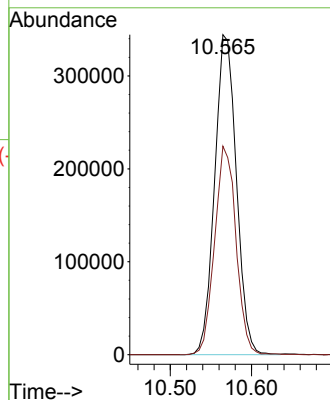
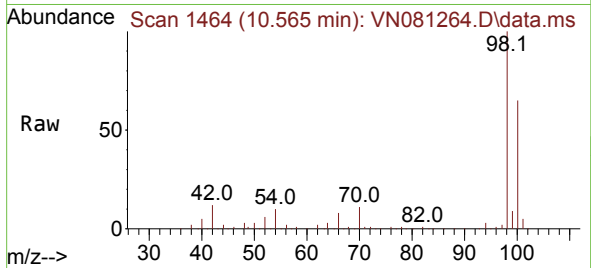




#50
Toluene-d8
Concen: 55.130 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081264.D
Acq: 29 Feb 2024 13:04

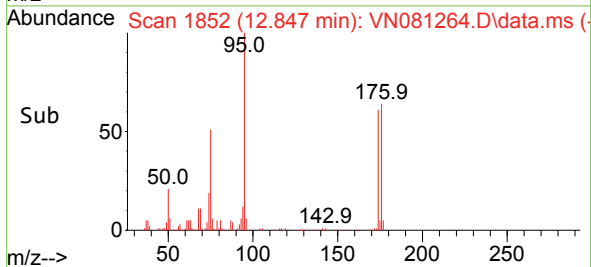
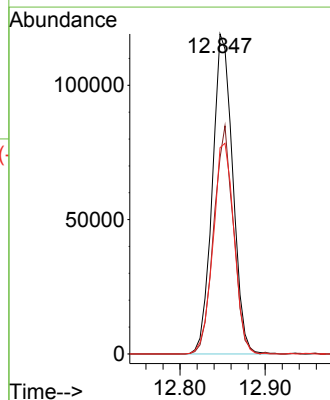
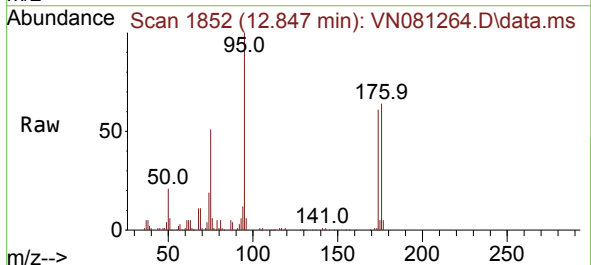
Instrument :
MSVOA_N
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VN0229WBL01

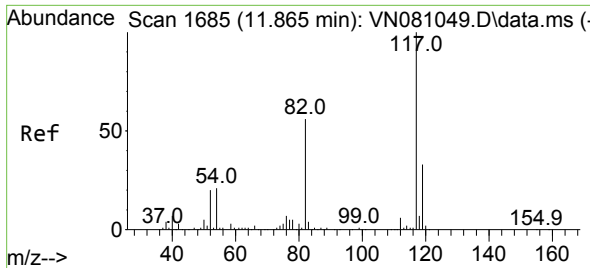
Tgt Ion: 98 Resp: 640726
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.290 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081264.D
Acq: 29 Feb 2024 13:04

Tgt Ion: 95 Resp: 197783
Ion Ratio Lower Upper
95 100
174 68.6 0.0 120.4
176 68.0 0.0 121.0

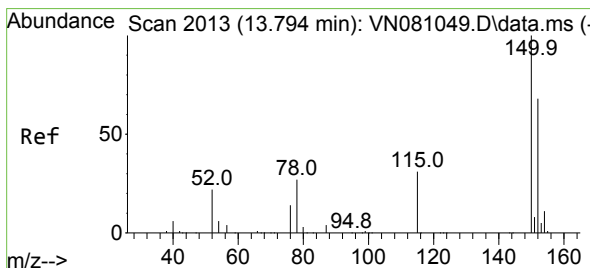
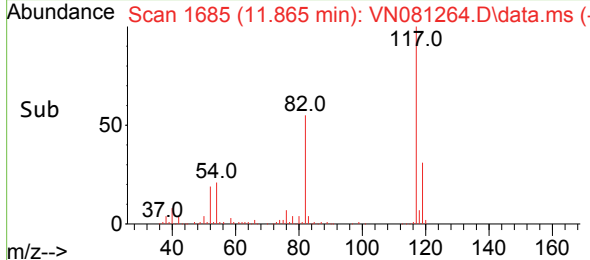
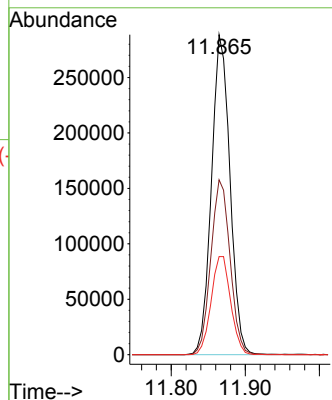
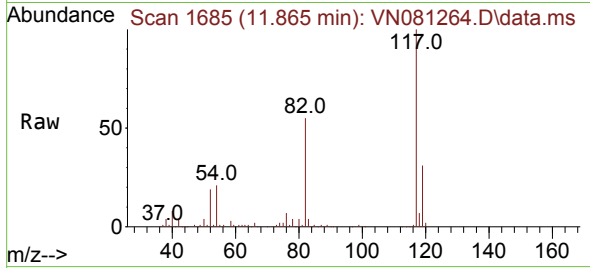




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081264.D
Acq: 29 Feb 2024 13:04

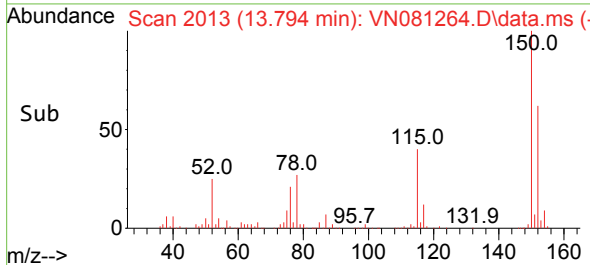
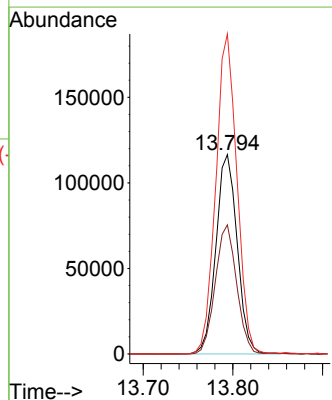
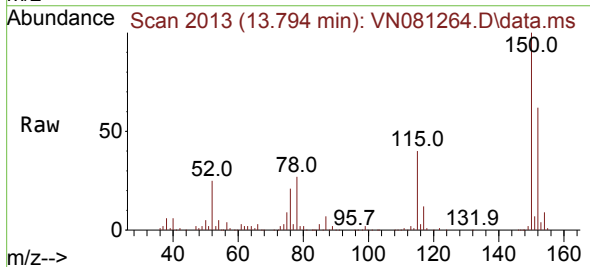
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBL01

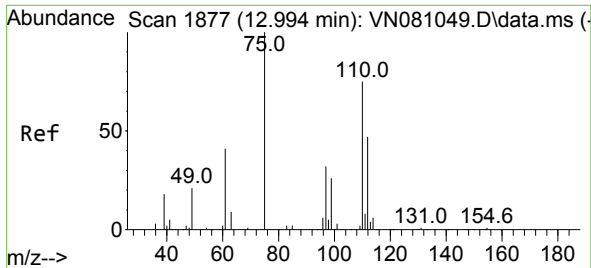
Tgt Ion:117 Resp: 500475
Ion Ratio Lower Upper
117 100
82 54.6 52.7 79.1
119 30.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081264.D
Acq: 29 Feb 2024 13:04

Tgt Ion:152 Resp: 192255
Ion Ratio Lower Upper
152 100
115 64.9 32.3 96.8
150 158.9 0.0 339.8

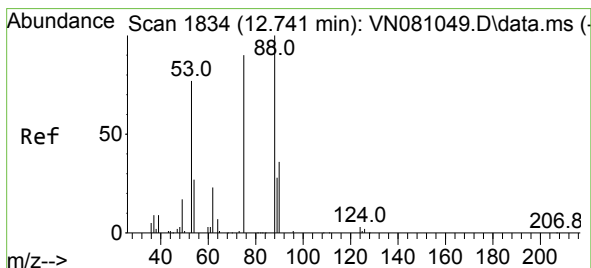
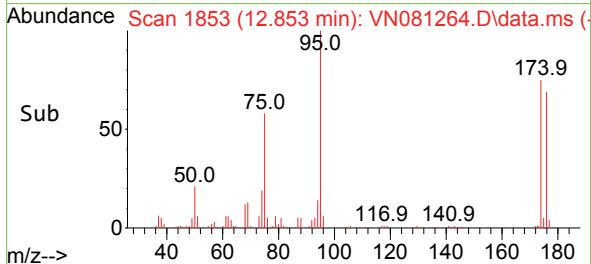
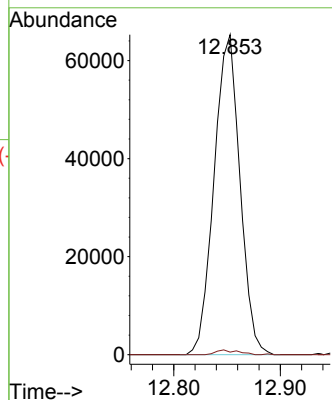
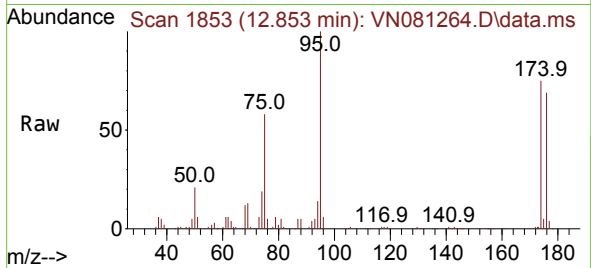




#76
1,2,3-Trichloropropane
Concen: 25.164 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081264.D
Acq: 29 Feb 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0229WBL01

Tgt Ion: 75 Resp: 109919
Ion Ratio Lower Upper
75 100
77 1.3 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.769 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081264.D
Acq: 29 Feb 2024 13:04

Tgt Ion: 75 Resp: 109919
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#

