

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081438.D
 Acq On : 15 Mar 2024 20:29
 Operator : JC\MD
 Sample : P1772-10 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1352

Quant Time: Mar 15 23:39:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	294381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	539516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	473466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	228774	53.748	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.500%
35) Dibromofluoromethane	8.165	113	171582	51.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.820%
50) Toluene-d8	10.570	98	654897	53.000	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.000%
62) 4-Bromofluorobenzene	12.853	95	200369	45.880	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.760%

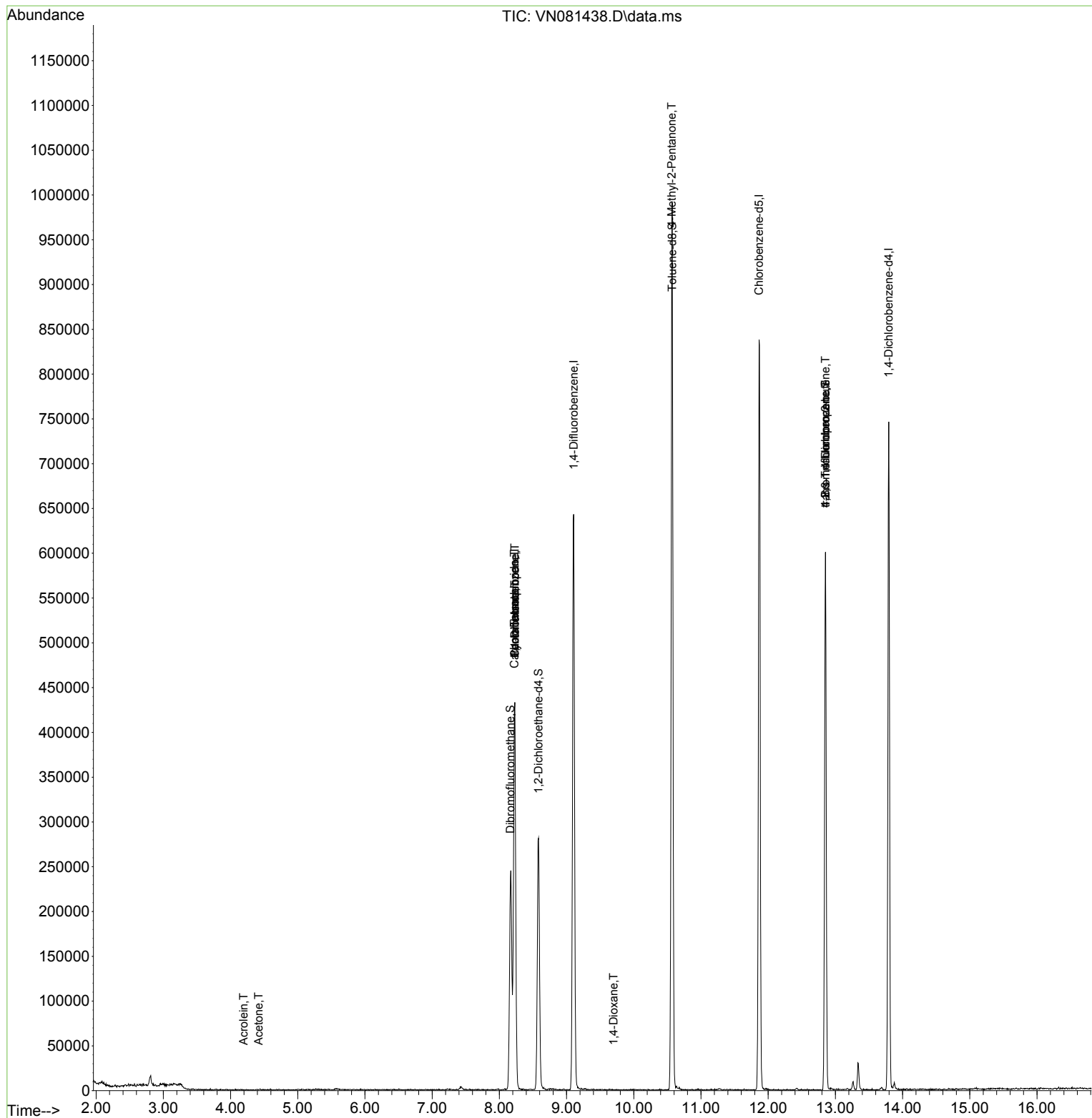
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	4.194	56	251	0.285	ug/l #	15
16) Acetone	4.418	43	718	0.476	ug/l #	44
20) Methylene Chloride	5.271	84	62	Below Cal	#	66
31) Cyclohexane	8.229	56	9129	1.417	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	28480	5.341	ug/l #	50
38) Carbon Tetrachloride	8.224	117	35473	6.609	ug/l #	17
49) 1,4-Dioxane	9.700	88	57	0.641	ug/l #	18
51) 4-Methyl-2-Pentanone	10.565	43	3489	0.659	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	113811	25.837	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	113811	72.107	ug/l #	14

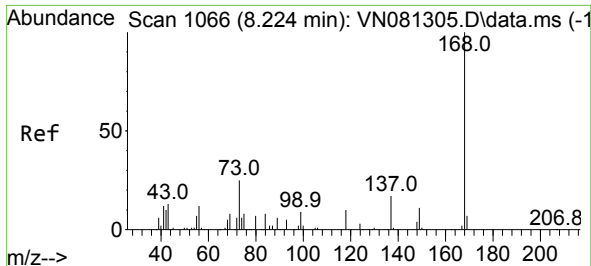
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
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Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

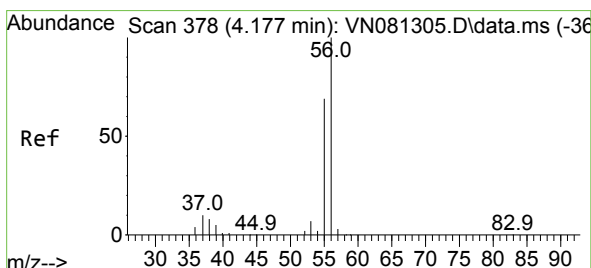
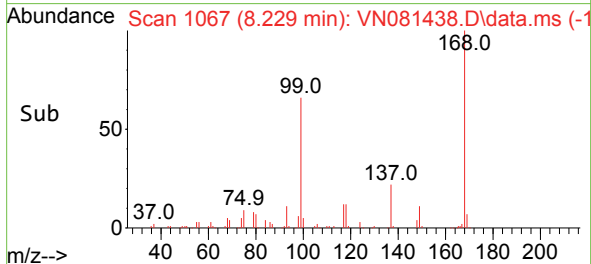
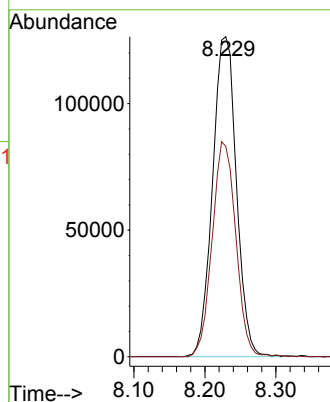
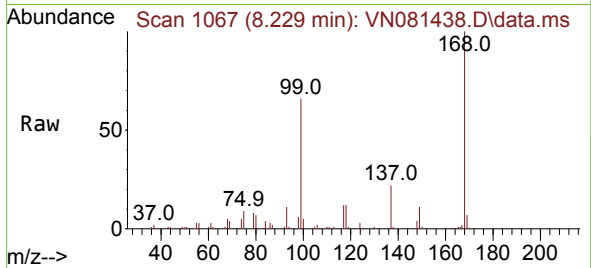




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

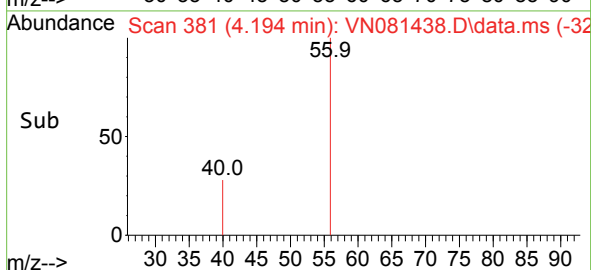
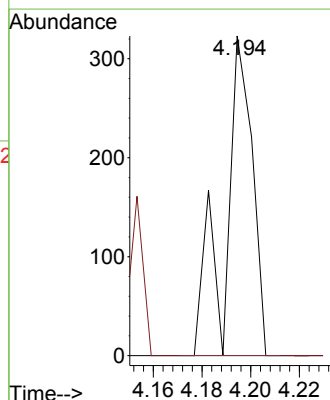
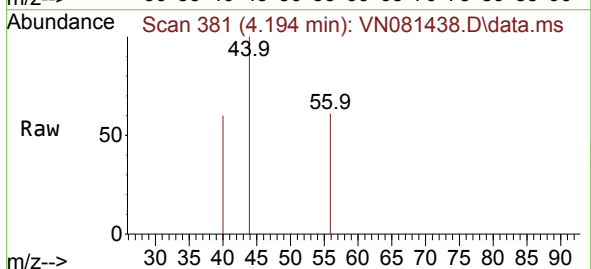
Instrument :
MSVOA_N
ClientSampleId :
1352

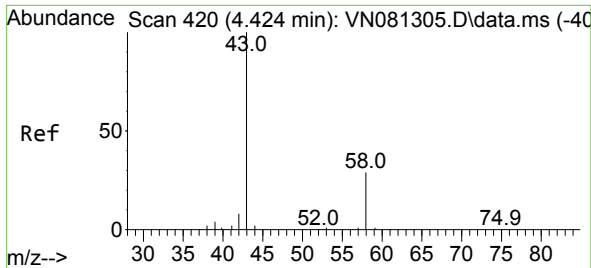
Tgt Ion:168 Resp: 294381
Ion Ratio Lower Upper
168 100
99 65.7 59.9 89.9



#13
Acrolein
Concen: 0.285 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

Tgt Ion: 56 Resp: 251
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#





#16

Acetone

Concen: 0.476 ug/l

RT: 4.418 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN081438.D

Acq: 15 Mar 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

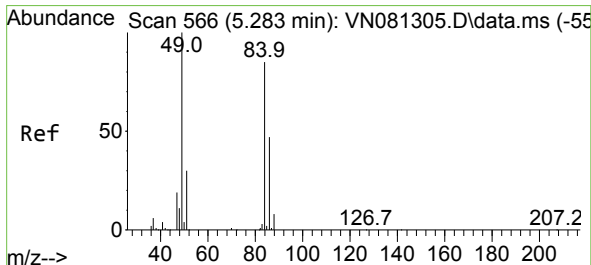
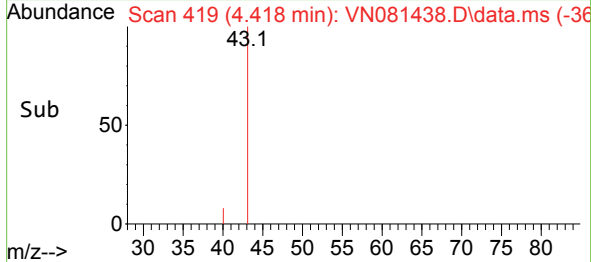
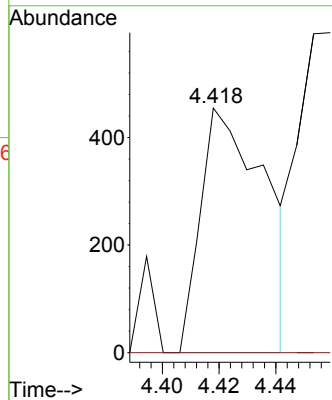
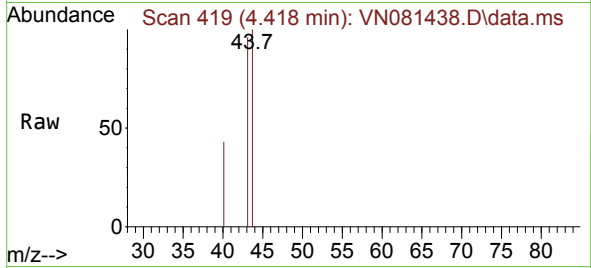
1352

Tgt Ion: 43 Resp: 718

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. -0.012 min

Lab File: VN081438.D

Acq: 15 Mar 2024 20:29

Tgt Ion: 84 Resp: 62

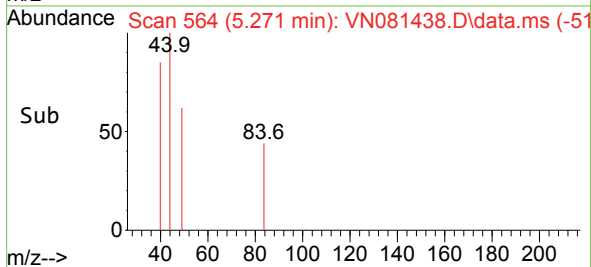
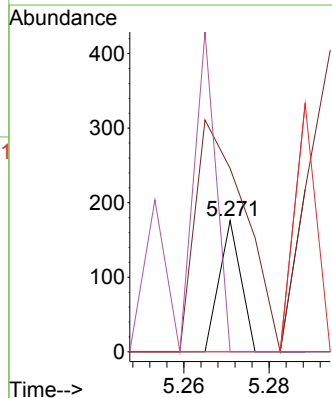
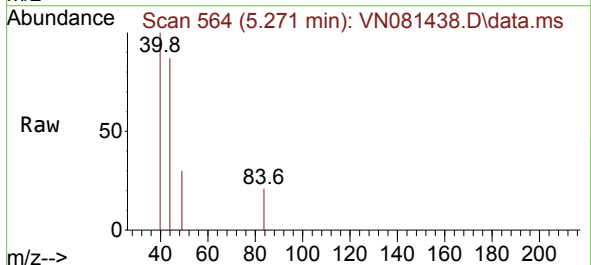
Ion Ratio Lower Upper

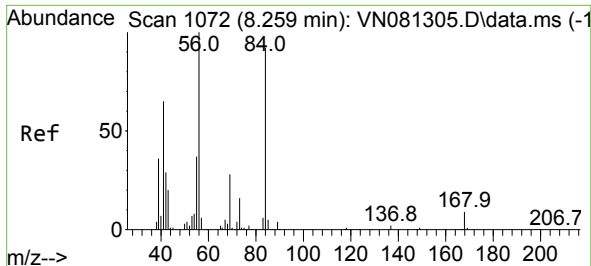
84 100

49 139.8 108.1 162.1

51 0.0 32.9 49.3#

86 0.0 48.6 73.0#

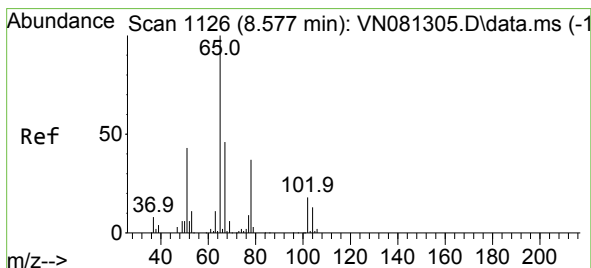
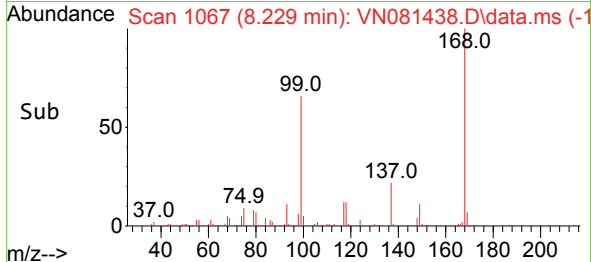
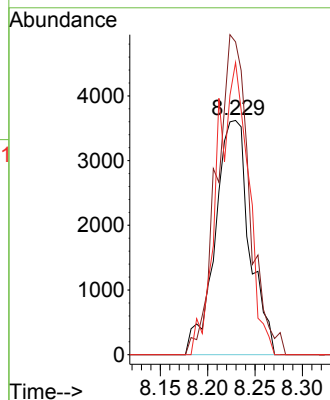
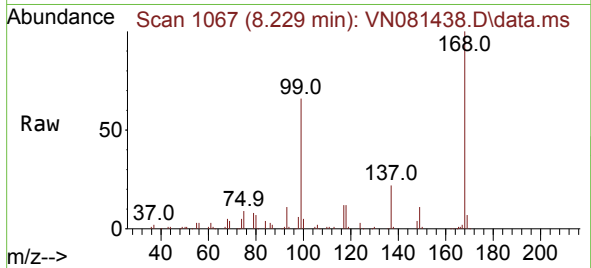




#31
Cyclohexane
Concen: 1.417 ug/l
RT: 8.229 min Scan# 1072
Delta R.T. -0.030 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

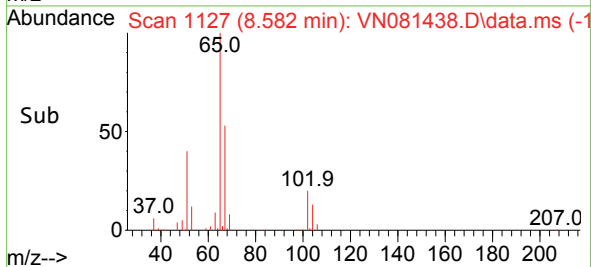
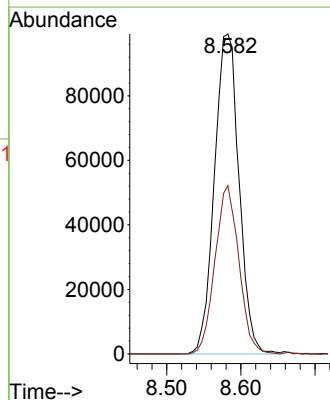
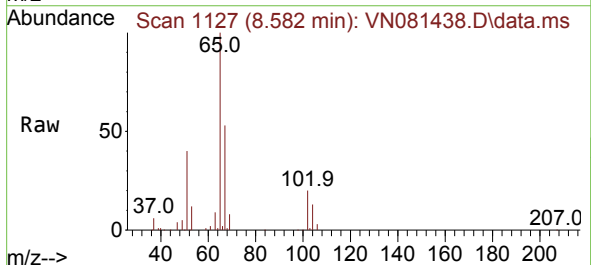
Instrument :
MSVOA_N
ClientSampleId :
1352

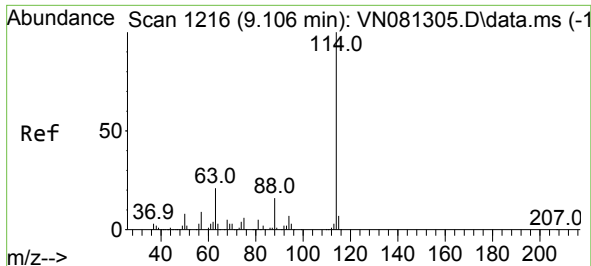
Tgt Ion: 56 Resp: 9129
Ion Ratio Lower Upper
56 100
69 133.6 20.1 30.1#
84 124.7 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 53.748 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

Tgt Ion: 65 Resp: 228774
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081438.D

Acq: 15 Mar 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

1352

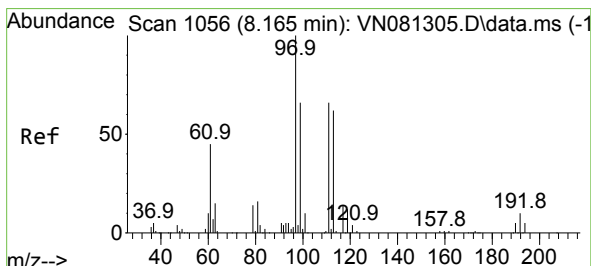
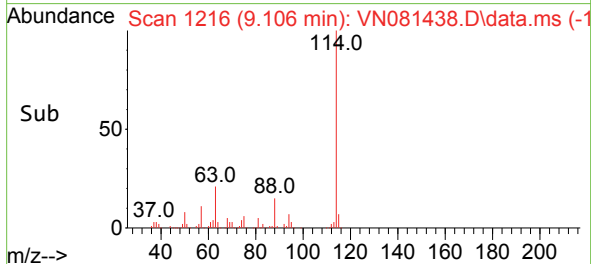
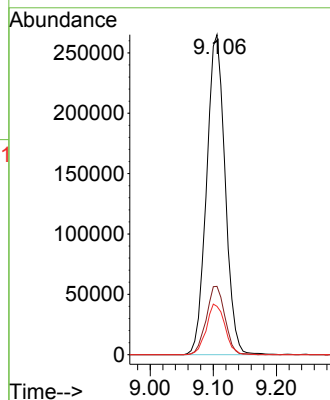
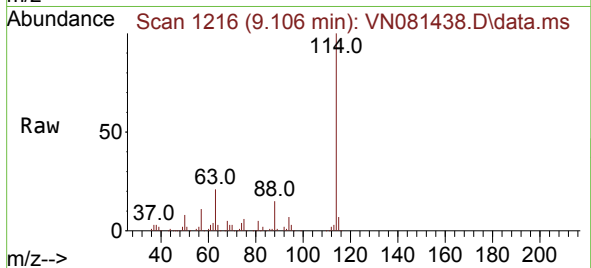
Tgt Ion:114 Resp: 539516

Ion Ratio Lower Upper

114 100

63 21.4 0.0 48.0

88 15.1 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.909 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081438.D

Acq: 15 Mar 2024 20:29

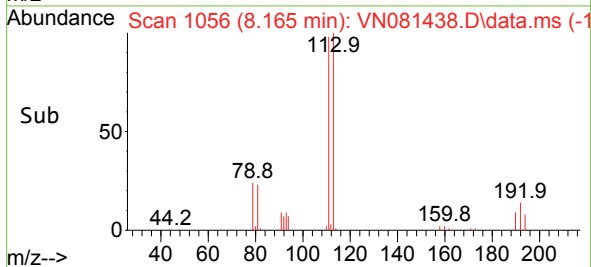
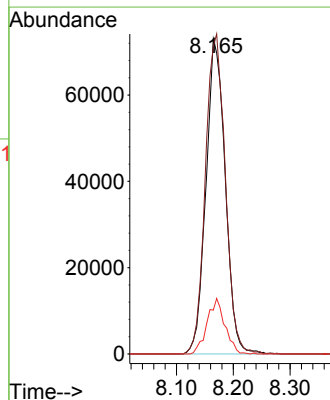
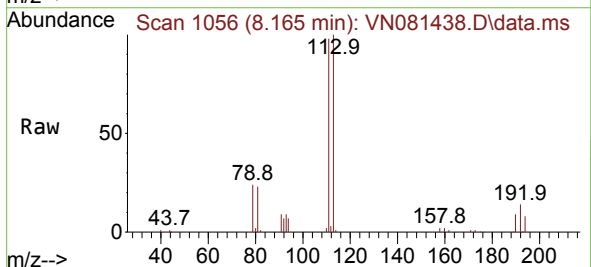
Tgt Ion:113 Resp: 171582

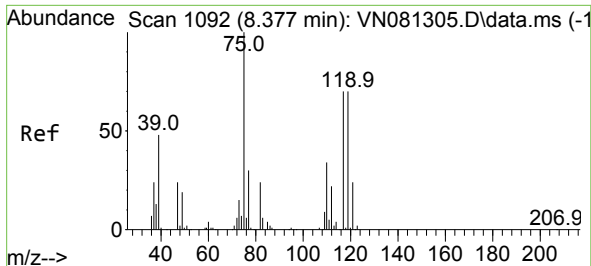
Ion Ratio Lower Upper

113 100

111 104.9 82.2 123.4

192 16.3 12.5 18.7

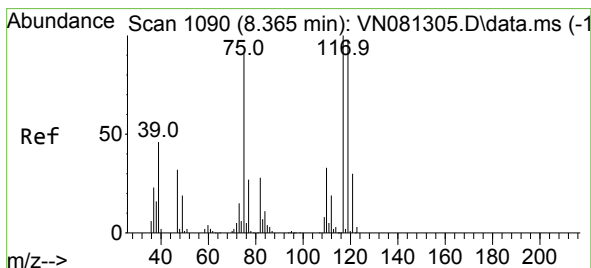
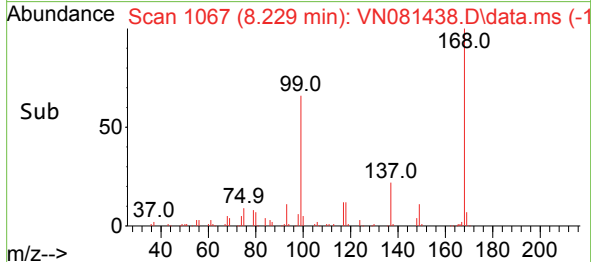
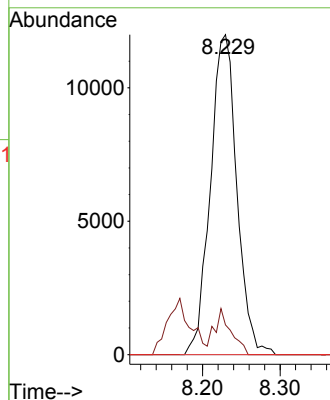
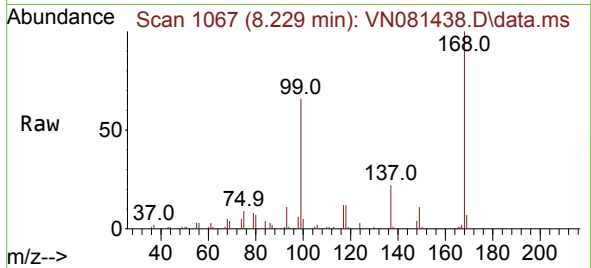




#36
1,1-Dichloropropene
Concen: 5.341 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

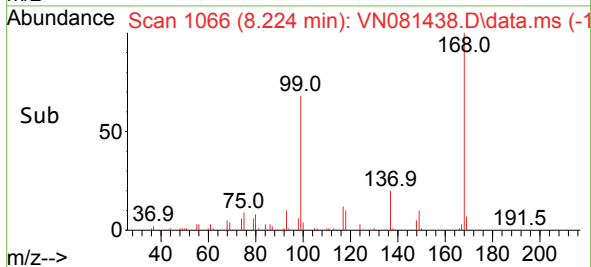
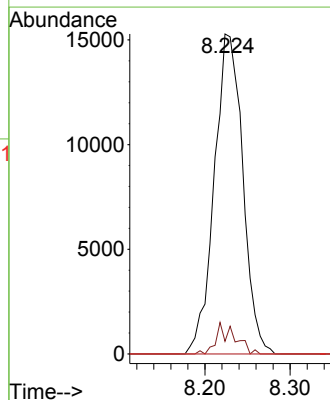
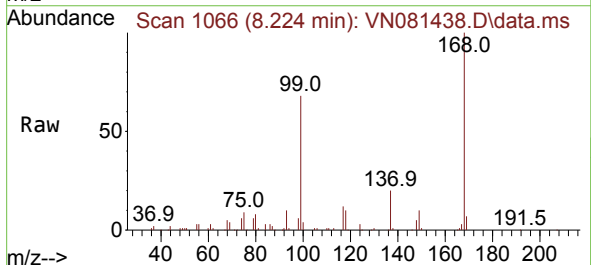
Instrument :
MSVOA_N
ClientSampleId :
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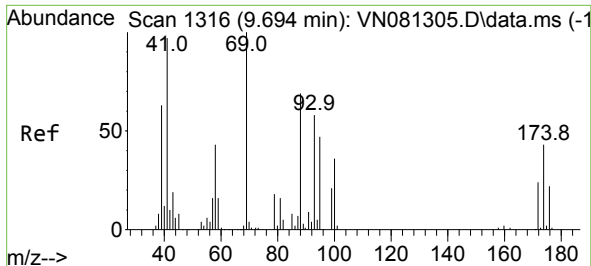
Tgt Ion: 75 Resp: 28480
Ion Ratio Lower Upper
75 100
110 8.9 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.609 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

Tgt Ion: 117 Resp: 35473
Ion Ratio Lower Upper
117 100
119 4.0 73.4 110.2#
121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 0.641 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081438.D

Acq: 15 Mar 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

1352

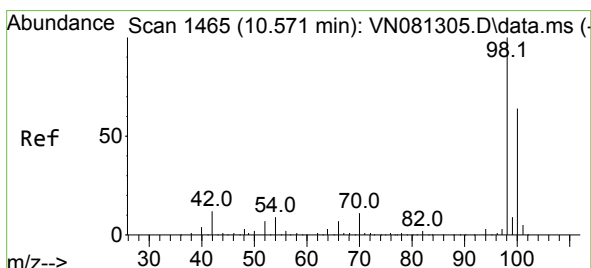
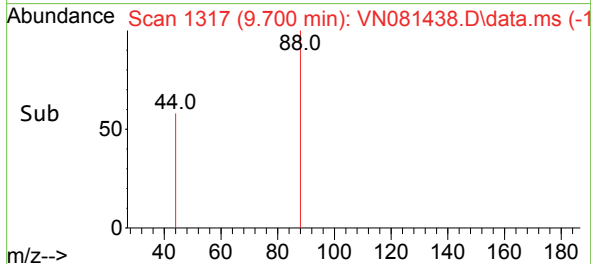
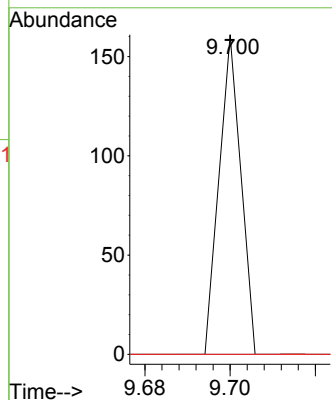
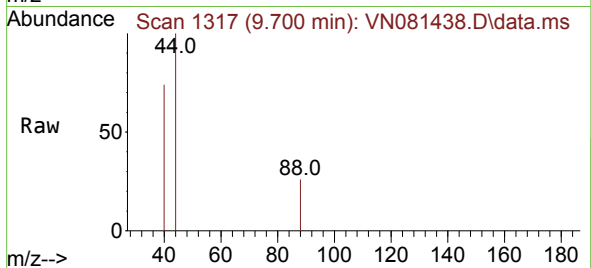
Tgt Ion: 88 Resp: 57

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 53.000 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081438.D

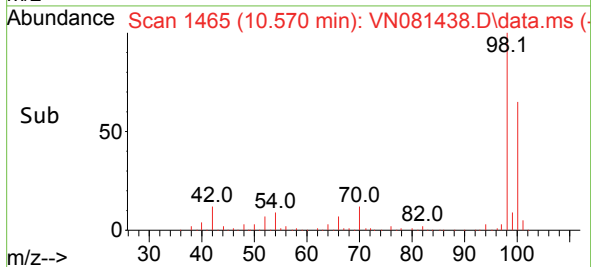
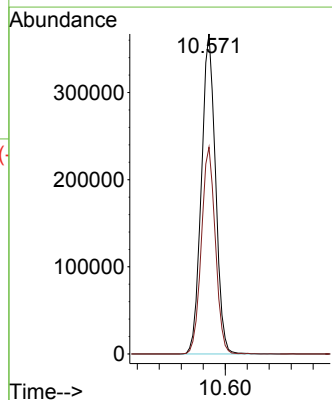
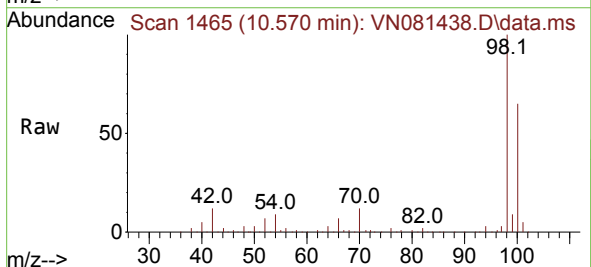
Acq: 15 Mar 2024 20:29

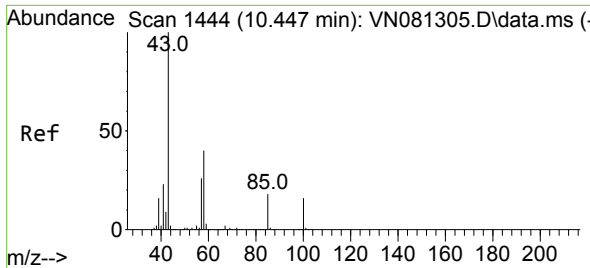
Tgt Ion: 98 Resp: 654897

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0

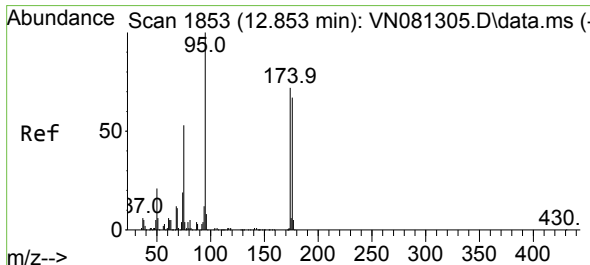
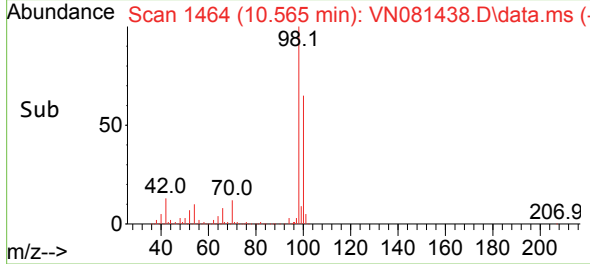
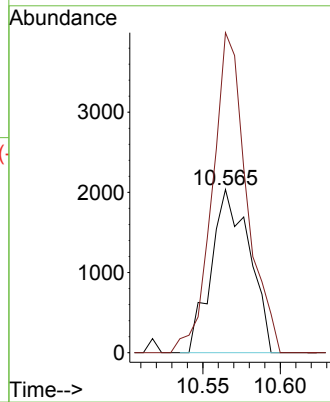
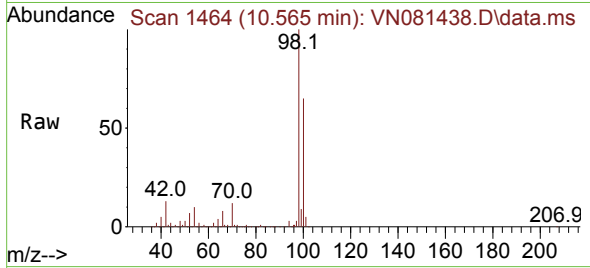




#51
4-Methyl-2-Pentanone
Concen: 0.659 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

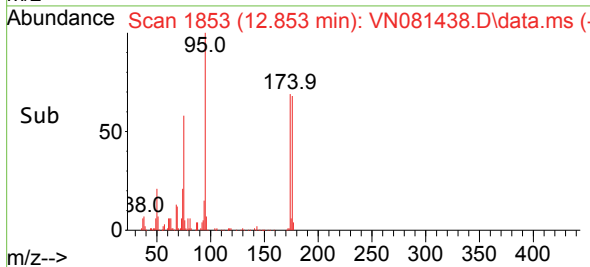
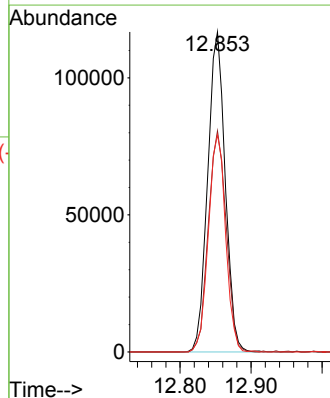
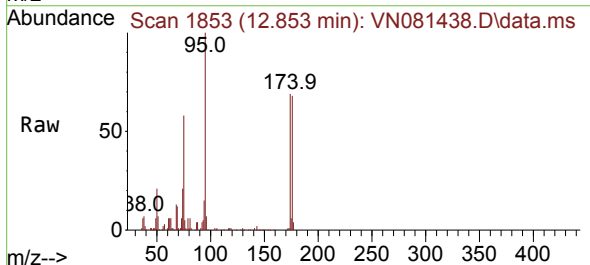
Instrument :
MSVOA_N
ClientSampleId :
1352

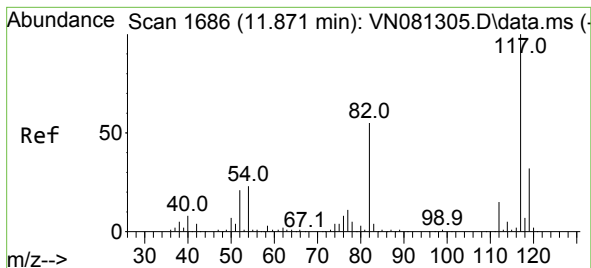
Tgt Ion: 43 Resp: 3489
Ion Ratio Lower Upper
43 100
58 175.8 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 45.880 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

Tgt Ion: 95 Resp: 200369
Ion Ratio Lower Upper
95 100
174 70.7 0.0 120.4
176 66.8 0.0 121.0

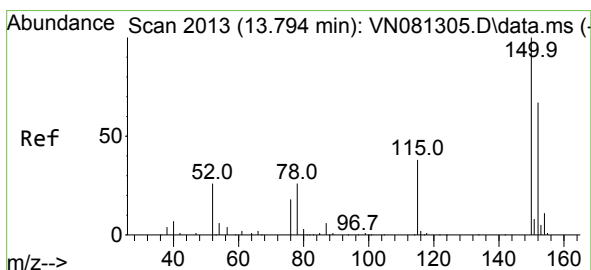
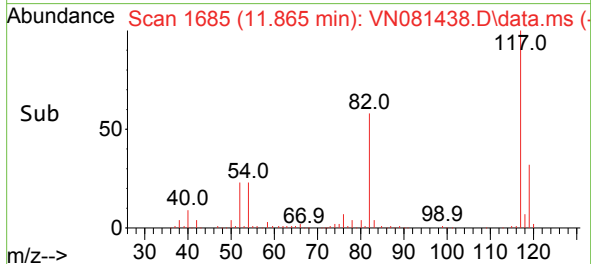
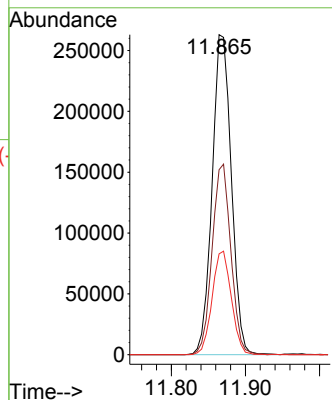
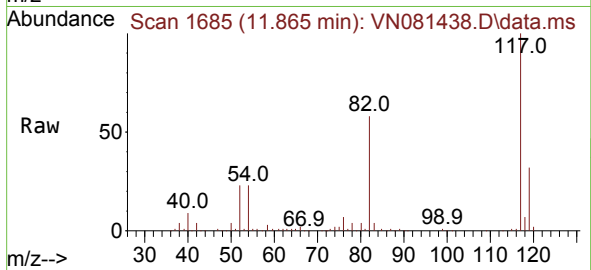




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

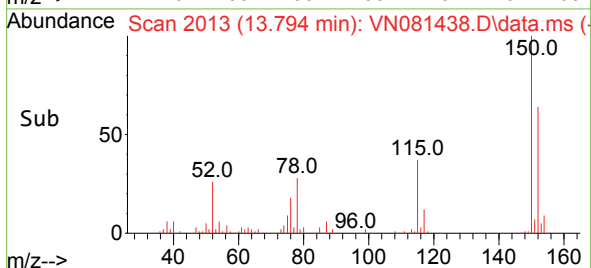
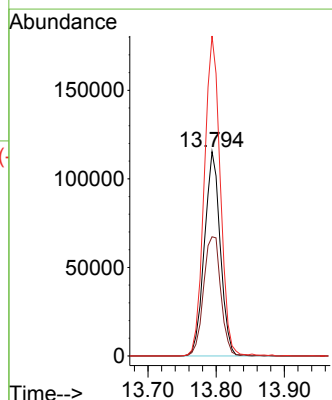
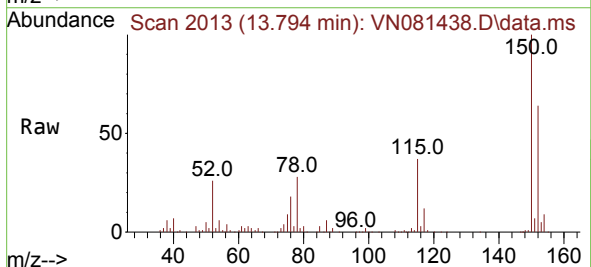
Instrument :
MSVOA_N
ClientSampleId :
1352

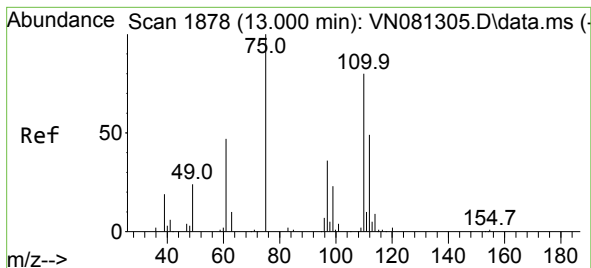
Tgt Ion:117 Resp: 473466
Ion Ratio Lower Upper
117 100
82 57.8 52.7 79.1
119 31.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

Tgt Ion:152 Resp: 186494
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 157.7 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 25.837 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN081438.D

Acq: 15 Mar 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

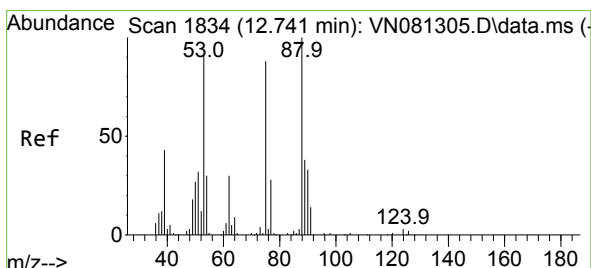
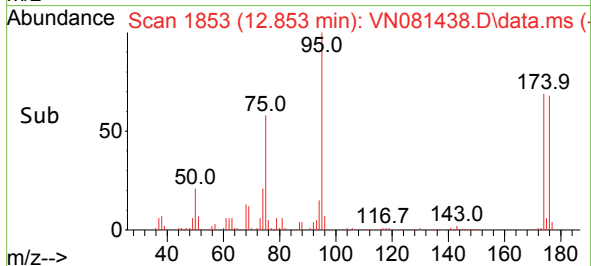
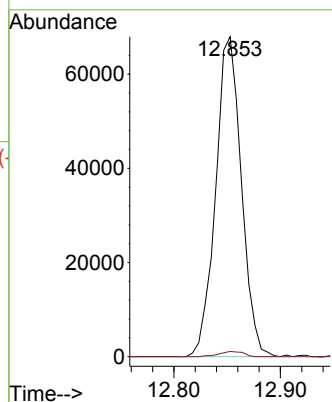
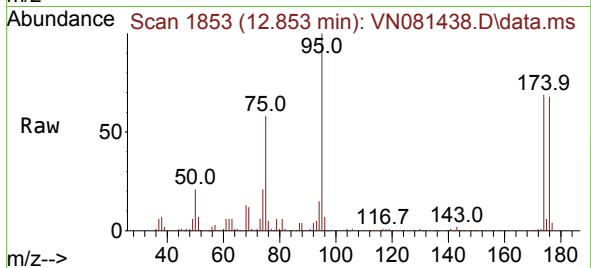
1352

Tgt Ion: 75 Resp: 113811

Ion Ratio Lower Upper

75 100

77 1.6 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.107 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081438.D

Acq: 15 Mar 2024 20:29

Tgt Ion: 75 Resp: 113811

Ion Ratio Lower Upper

75 100

53 0.1 71.4 107.2#

89 0.0 33.4 50.0#

