

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081110.D
 Acq On : 21 Feb 2024 11:03
 Operator : JC\MD
 Sample : VN0221WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBL02

Quant Time: Feb 22 04:43:18 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)

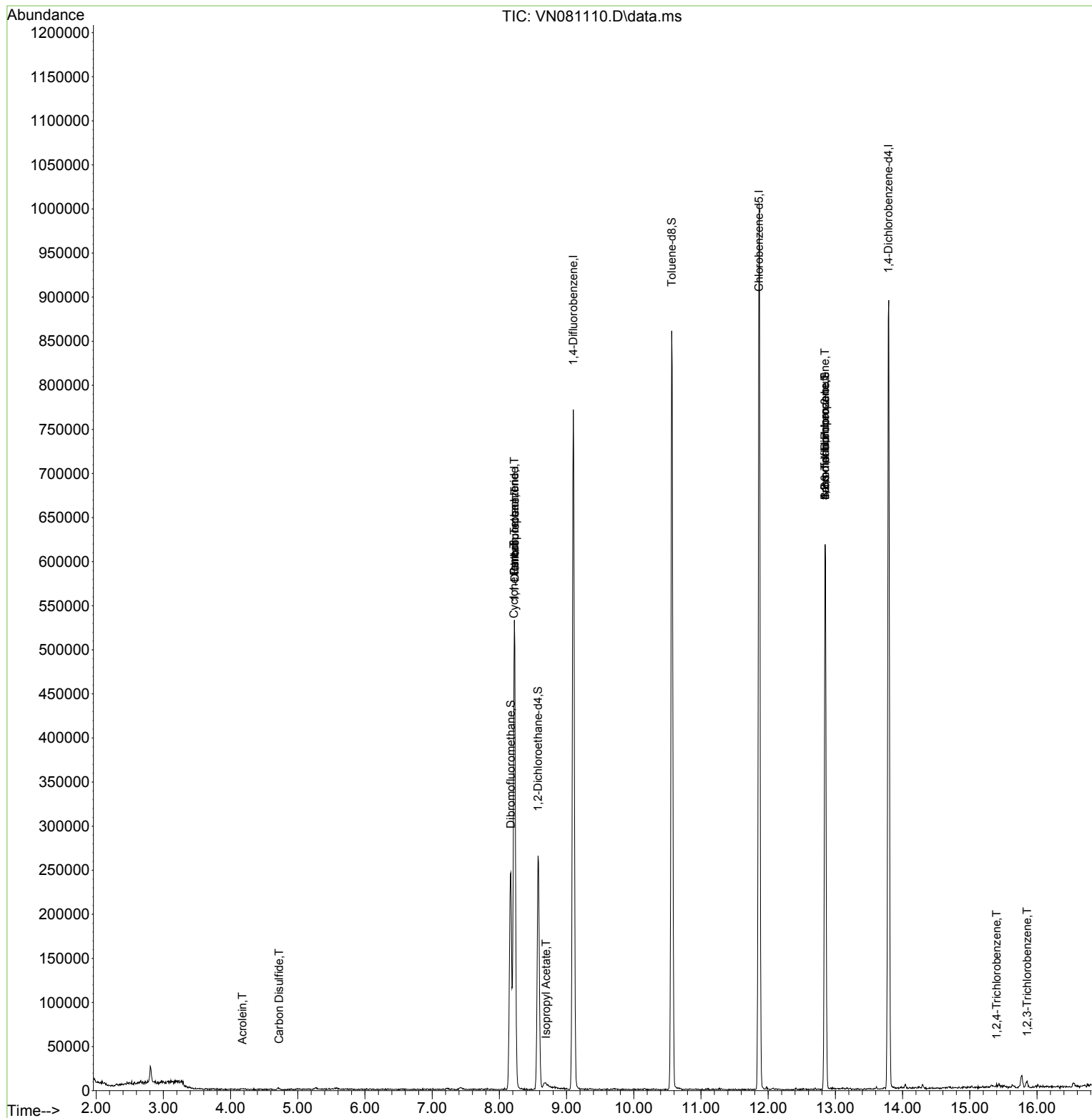
Internal Standards						
1) Pentafluorobenzene	8.223	168	370832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	672395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	575435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	235590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	211374	46.503	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.000%
35) Dibromofluoromethane	8.171	113	177088	46.575	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	10.564	98	595846	44.123	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.240%
62) 4-Bromofluorobenzene	12.847	95	220485	43.451	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.900%
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	1431	Below Cal	#	43
6) Chloroethane	3.124	64	173	Below Cal	#	33
13) Acrolein	4.177	56	995	2.221	ug/l #	14
17) Carbon Disulfide	4.724	76	3305	0.283	ug/l #	78
20) Methylene Chloride	5.282	84	948	Below Cal	#	68
31) Cyclohexane	8.218	56	9197	1.172	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	32241	4.950	ug/l #	52
38) Carbon Tetrachloride	8.223	117	41662	6.322	ug/l #	18
43) Isopropyl Acetate	8.694	43	6118	0.595	ug/l #	57
49) 1,4-Dioxane	9.694	88	173	Below Cal	#	45
71) Bromoform	12.847	173	1844	0.650	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	114846	21.455	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	114846	55.225	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.399	180	1035	0.222	ug/l #	51
96) 1,2,3-Trichlorobenzene	15.852	180	1092	0.236	ug/l #	18

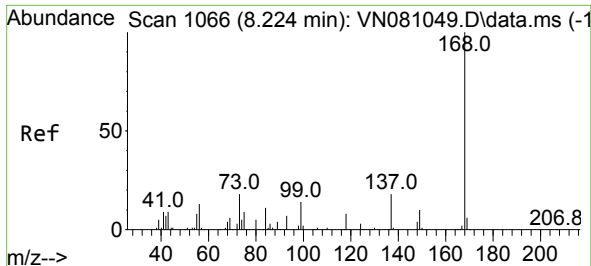
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

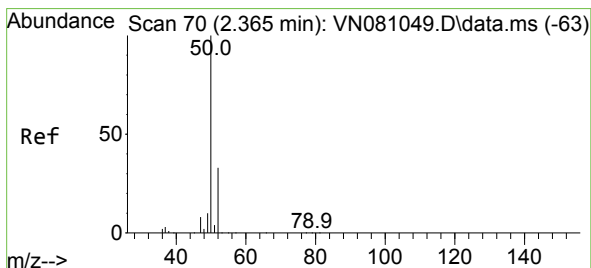
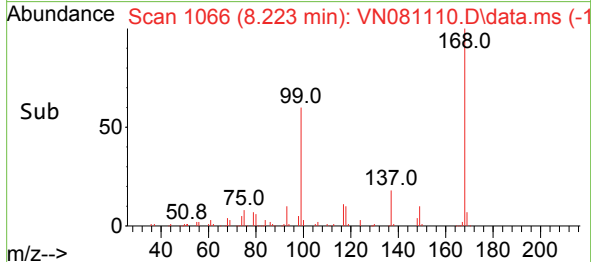
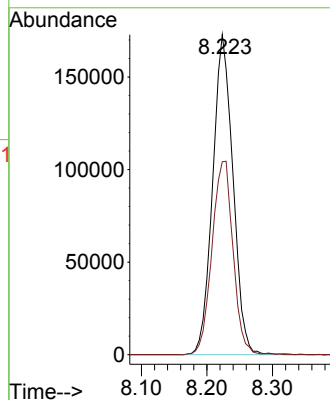
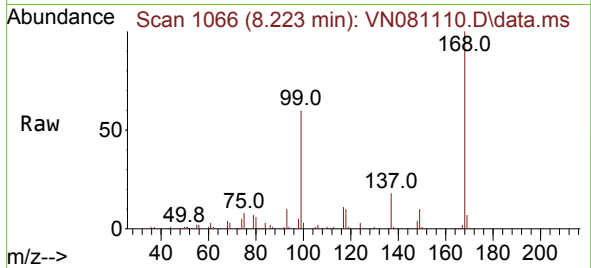




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

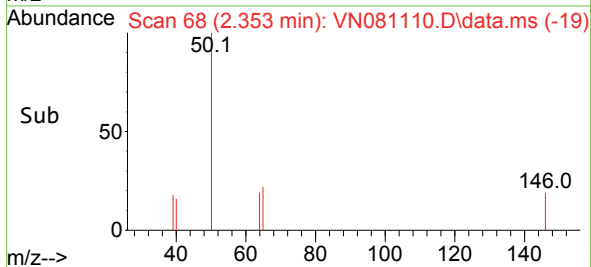
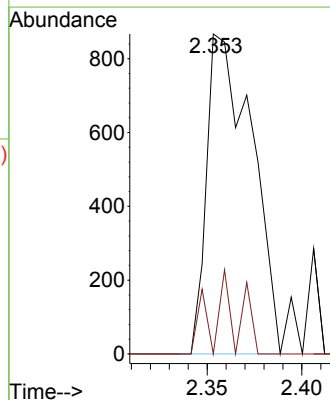
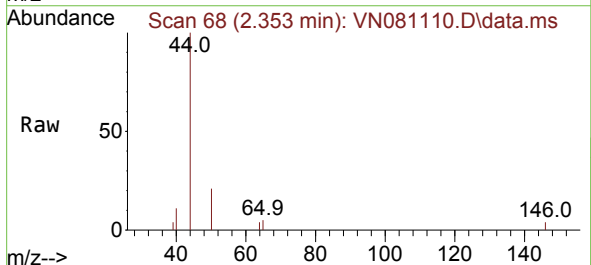
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02

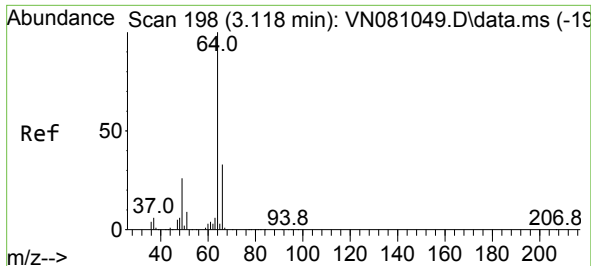
Tgt Ion:168 Resp: 370832
Ion Ratio Lower Upper
168 100
99 60.3 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.012 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

Tgt Ion: 50 Resp: 1431
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

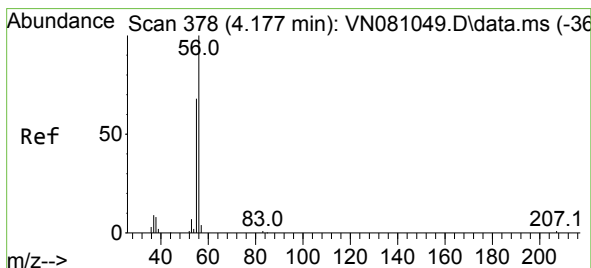
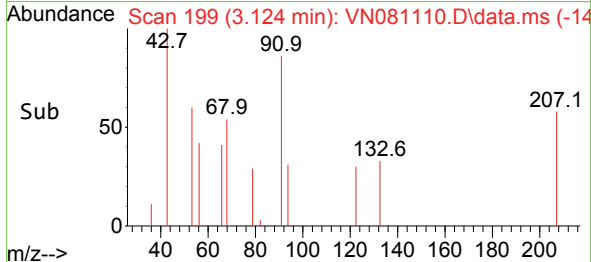
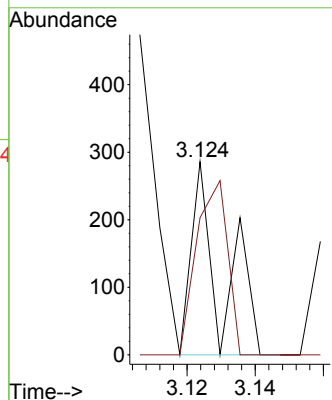
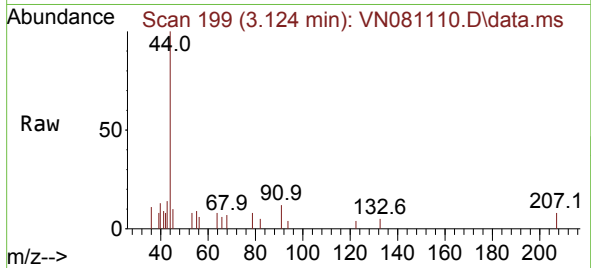




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

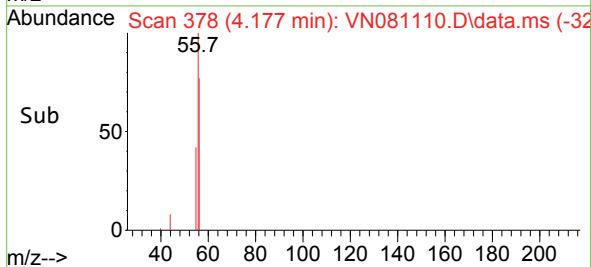
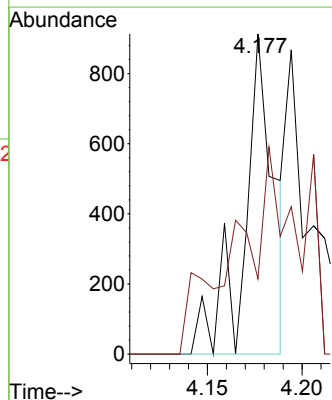
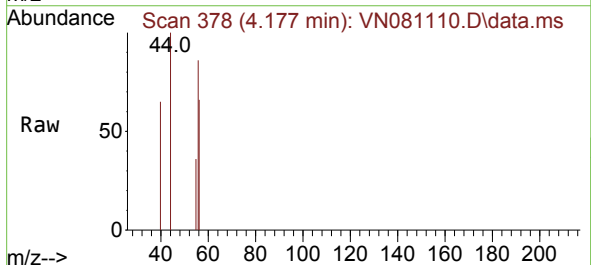
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02

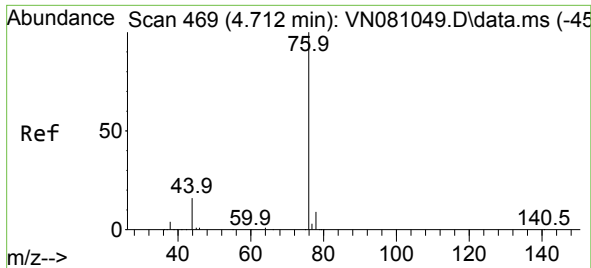
Tgt Ion: 64 Resp: 173
Ion Ratio Lower Upper
64 100
66 71.0 26.4 39.6#



#13
Acrolein
Concen: 2.221 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

Tgt Ion: 56 Resp: 995
Ion Ratio Lower Upper
56 100
55 139.1 55.3 82.9#

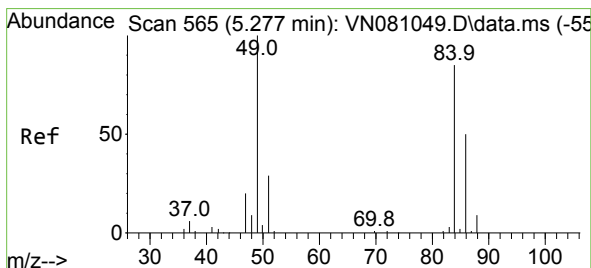
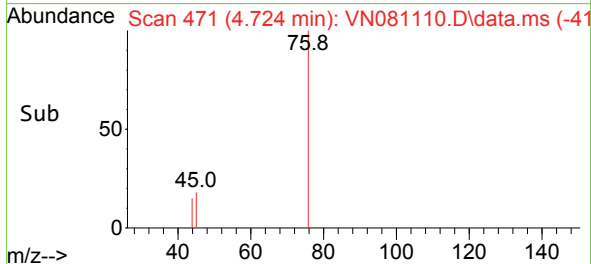
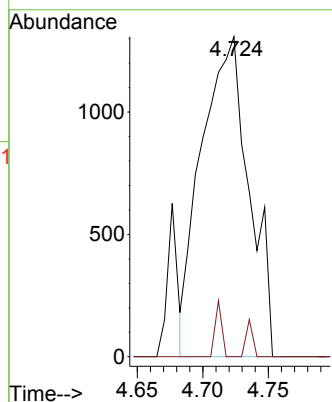
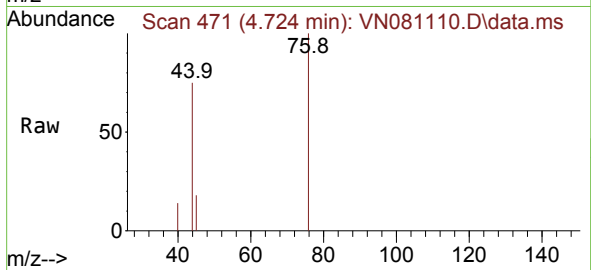




#17
Carbon Disulfide
Concen: 0.283 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

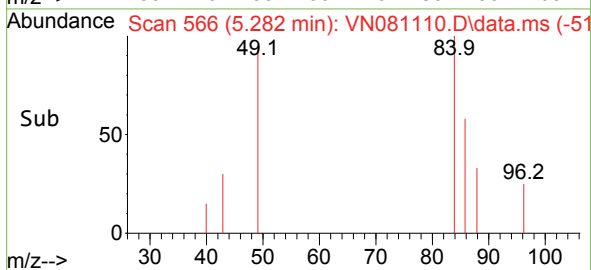
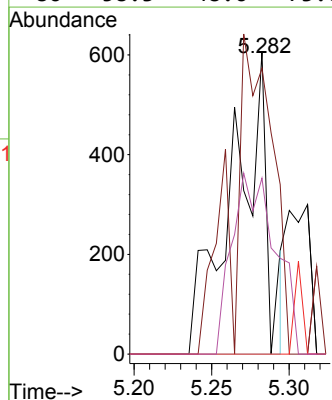
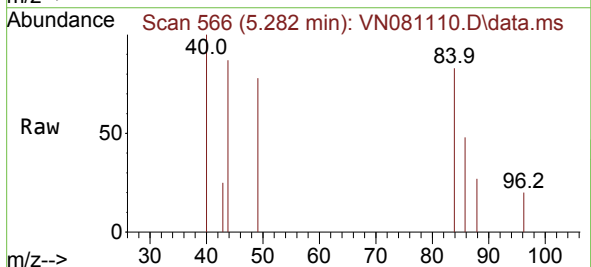
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02

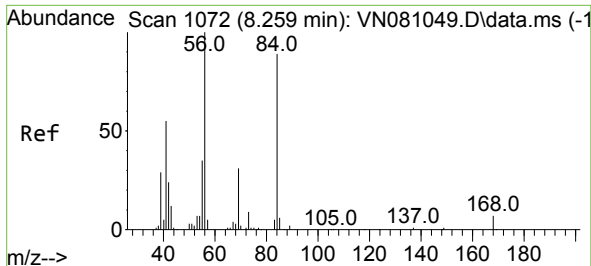
Tgt Ion: 76 Resp: 3305
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.282 min Scan# 566
Delta R.T. 0.005 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

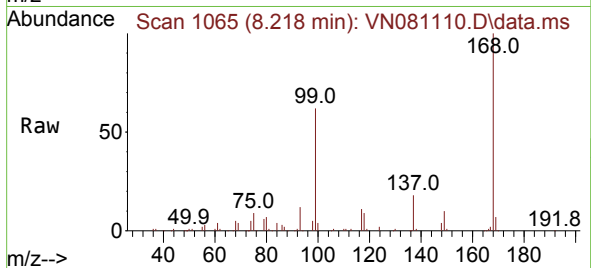
Tgt Ion: 84 Resp: 948
Ion Ratio Lower Upper
84 100
49 94.6 108.1 162.1#
51 0.0 32.9 49.3#
86 58.3 48.6 73.0



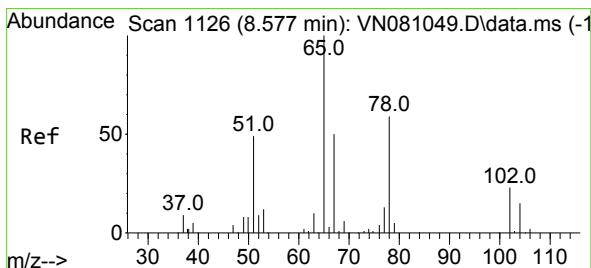
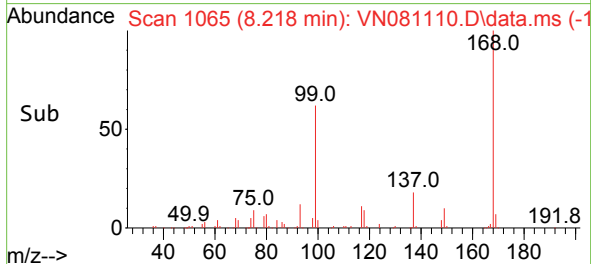
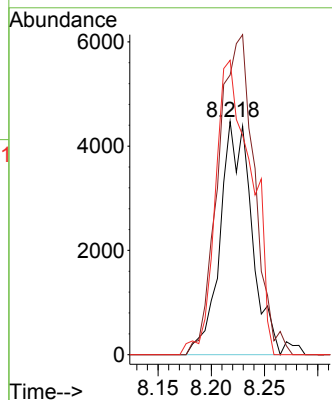


#31
Cyclohexane
Concen: 1.172 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.042 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02

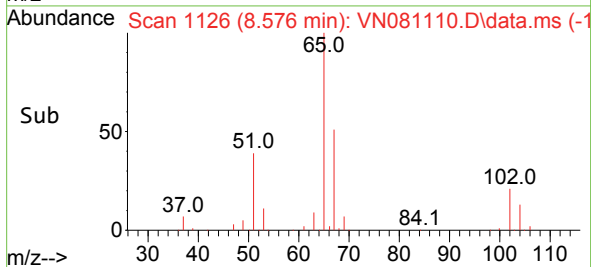
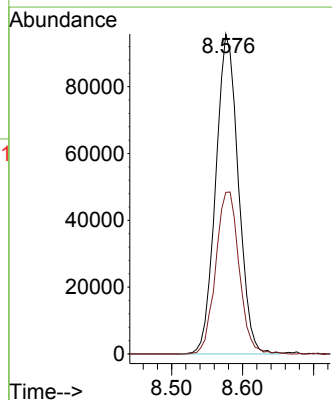
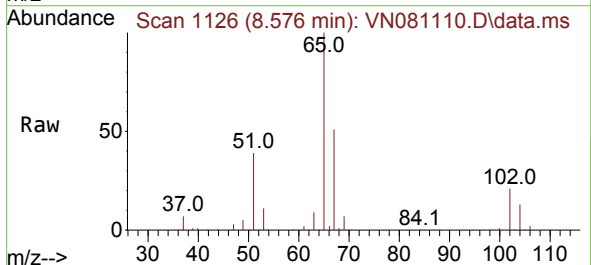


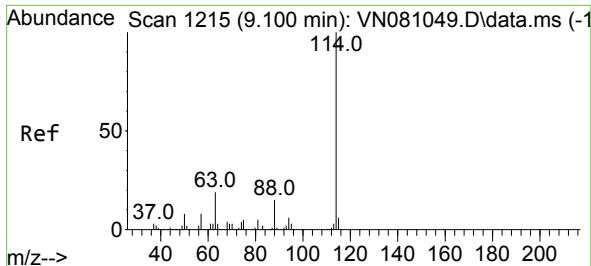
Tgt Ion: 56 Resp: 9197
Ion Ratio Lower Upper
56 100
69 119.9 20.1 30.1#
84 126.3 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 46.503 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

Tgt Ion: 65 Resp: 211374
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.4

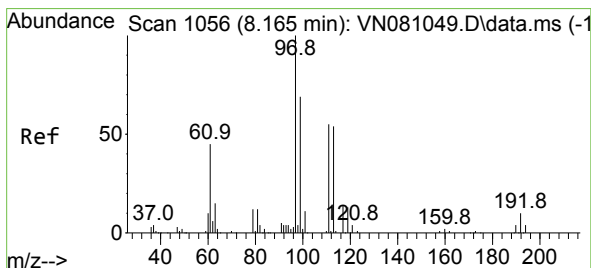
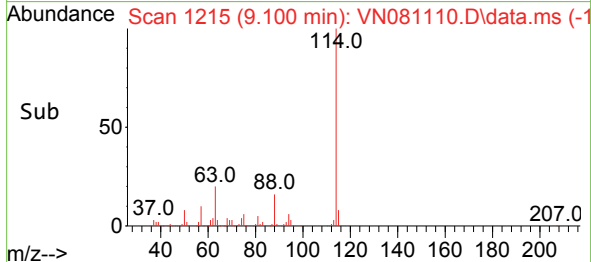
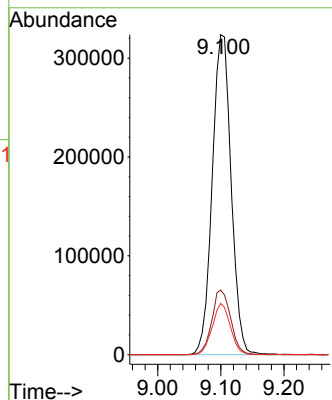
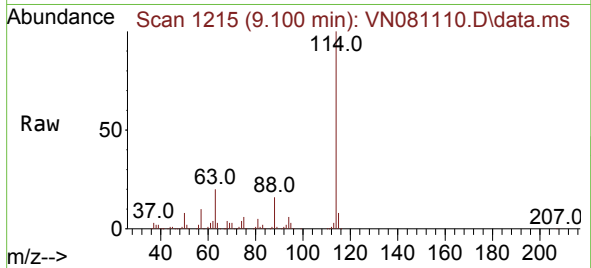




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

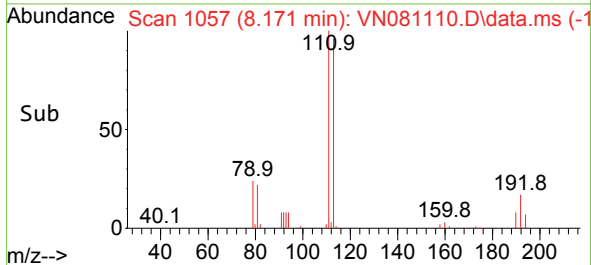
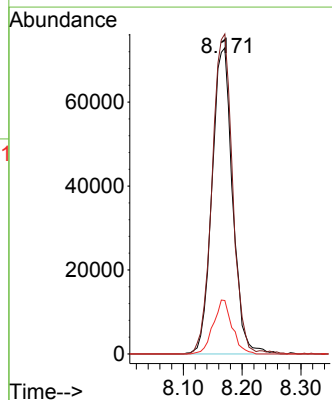
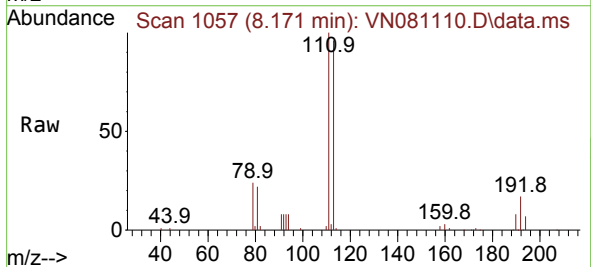
Instrument :
MSVOA_N
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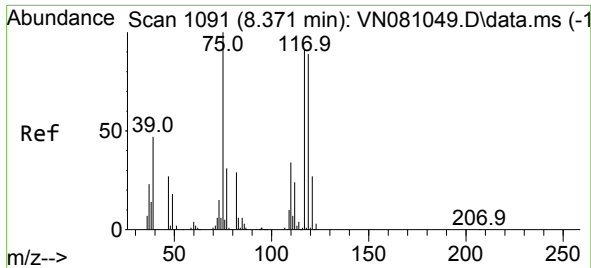
Tgt Ion:114 Resp: 672395
Ion Ratio Lower Upper
114 100
63 20.2 0.0 48.0
88 16.0 0.0 34.8



#35
Dibromofluoromethane
Concen: 46.575 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

Tgt Ion:113 Resp: 177088
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 16.2 12.5 18.7

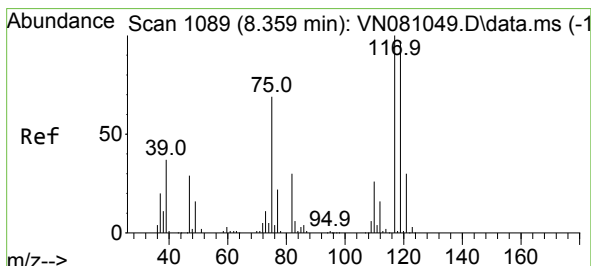
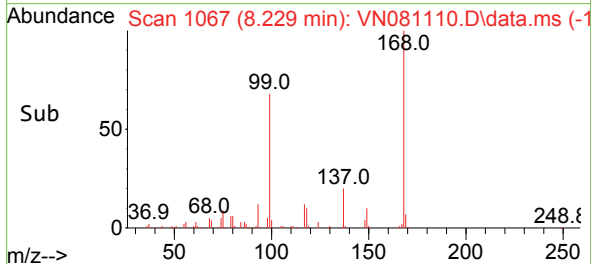
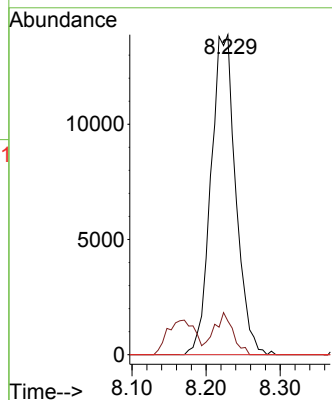
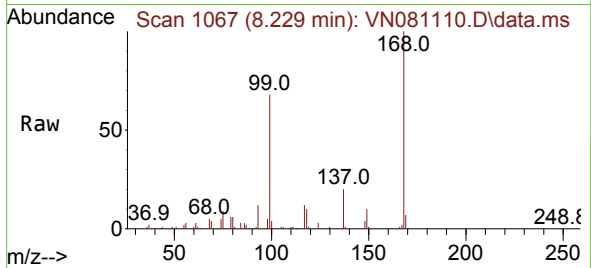




#36
 1,1-Dichloropropene
 Concen: 4.950 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. -0.142 min
 Lab File: VN081110.D
 Acq: 21 Feb 2024 11:03

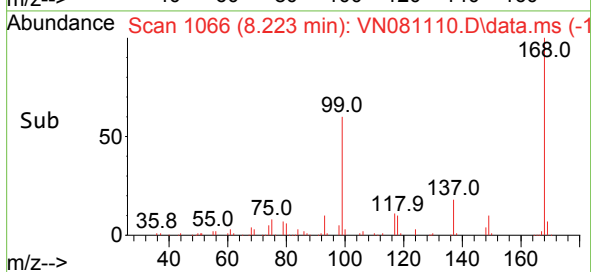
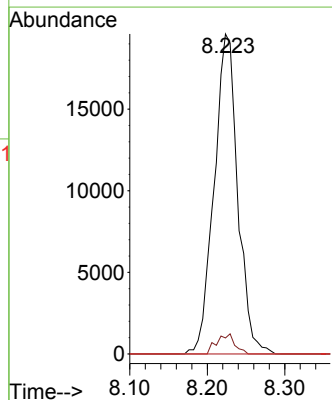
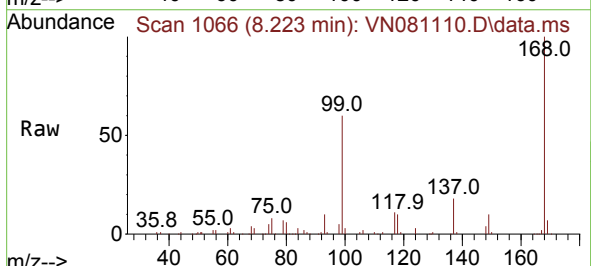
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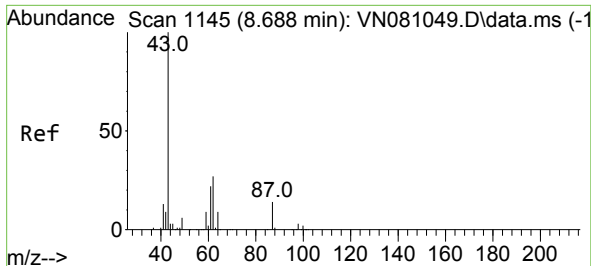
Tgt Ion: 75 Resp: 32241
 Ion Ratio Lower Upper
 75 100
 110 10.3 16.0 48.0#
 77 0.0 25.8 38.6#



#38
 Carbon Tetrachloride
 Concen: 6.322 ug/l
 RT: 8.223 min Scan# 1066
 Delta R.T. -0.136 min
 Lab File: VN081110.D
 Acq: 21 Feb 2024 11:03

Tgt Ion: 117 Resp: 41662
 Ion Ratio Lower Upper
 117 100
 119 5.0 73.4 110.2#
 121 0.0 24.4 36.6#

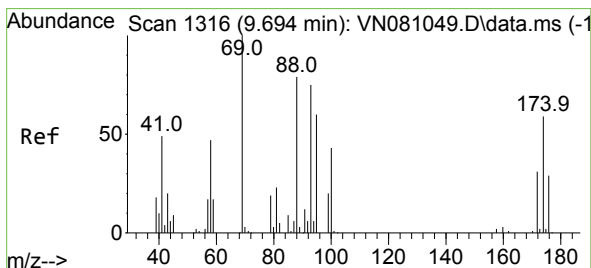
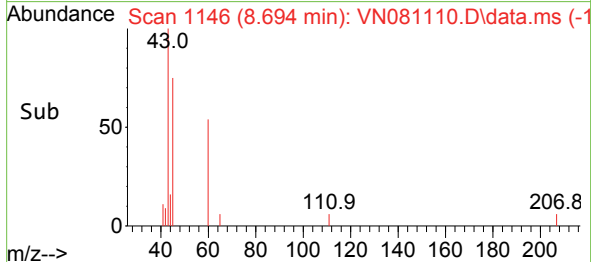
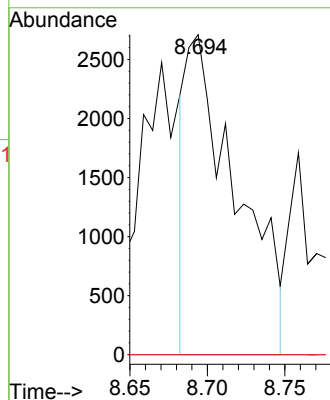
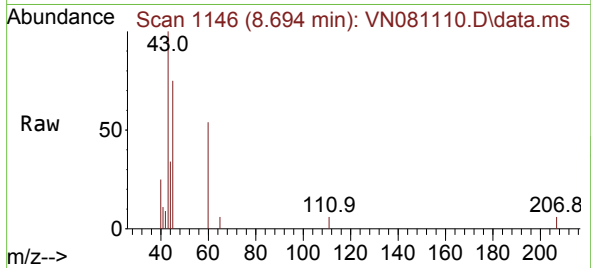




#43
Isopropyl Acetate
Concen: 0.595 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

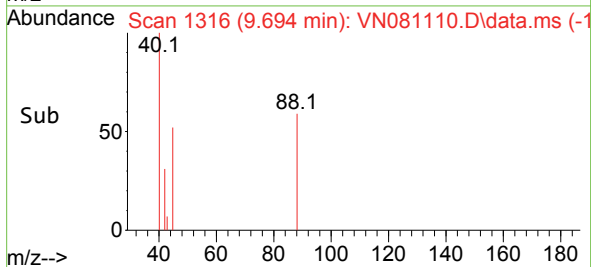
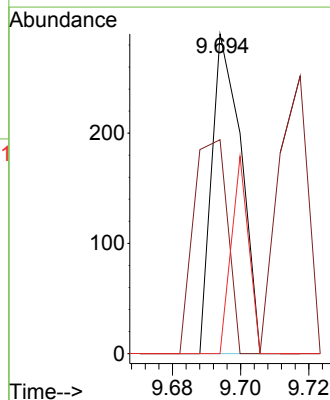
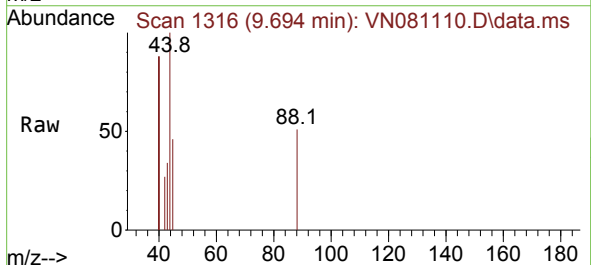
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02

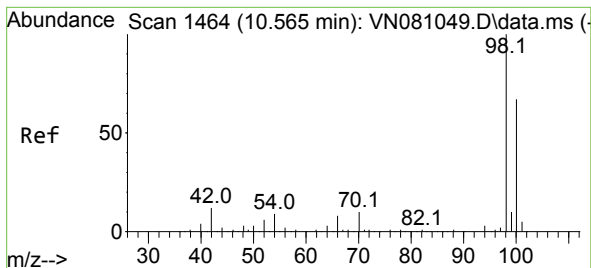
Tgt Ion: 43 Resp: 6118
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

Tgt Ion: 88 Resp: 173
Ion Ratio Lower Upper
88 100
43 77.5 30.1 45.1#
58 36.4 63.9 95.9#





#50

Toluene-d8

Concen: 44.123 ug/l

RT: 10.564 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081110.D

Acq: 21 Feb 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :

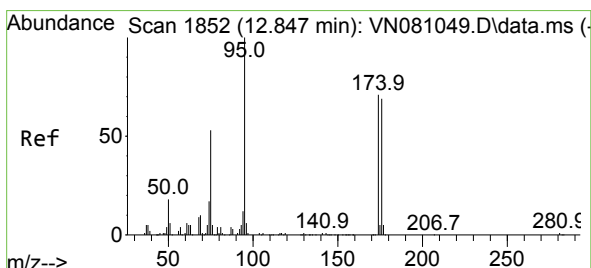
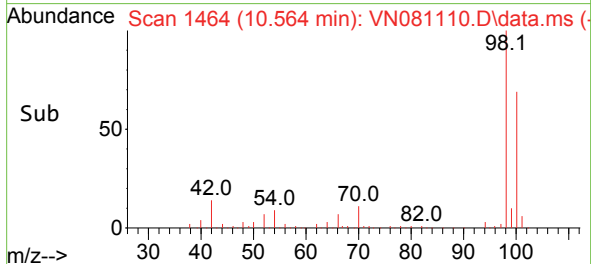
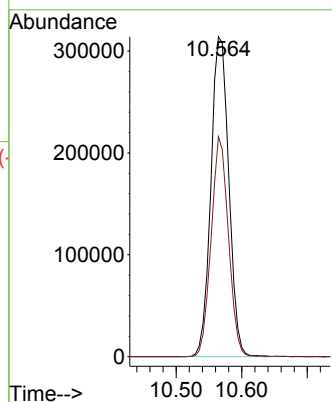
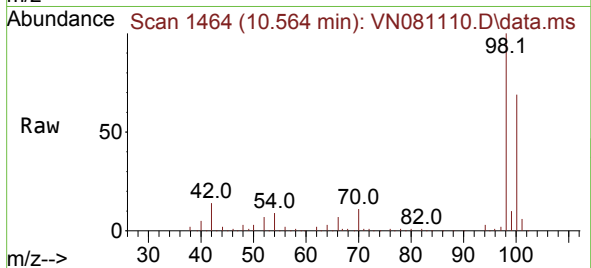
VN0221WBL02

Tgt Ion: 98 Resp: 595846

Ion Ratio Lower Upper

98 100

100 66.2 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 43.451 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN081110.D

Acq: 21 Feb 2024 11:03

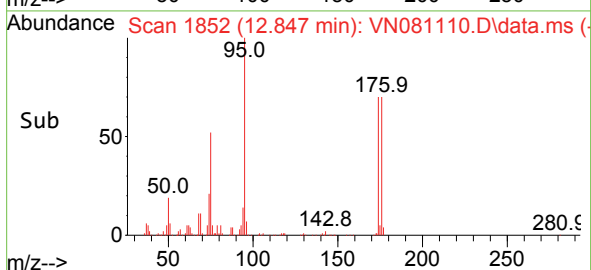
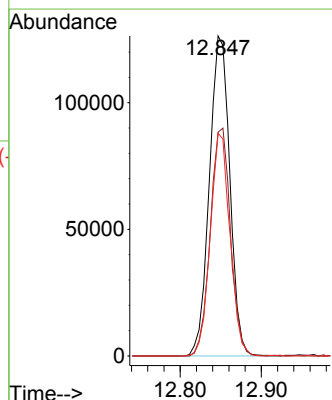
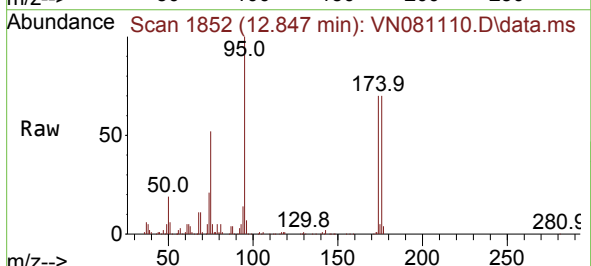
Tgt Ion: 95 Resp: 220485

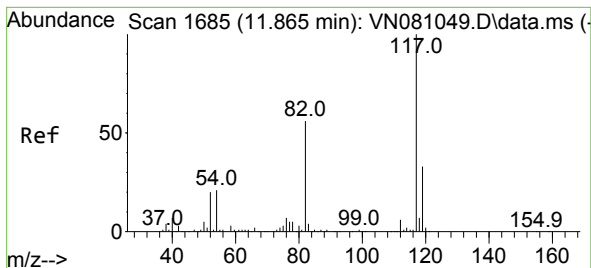
Ion Ratio Lower Upper

95 100

174 70.6 0.0 120.4

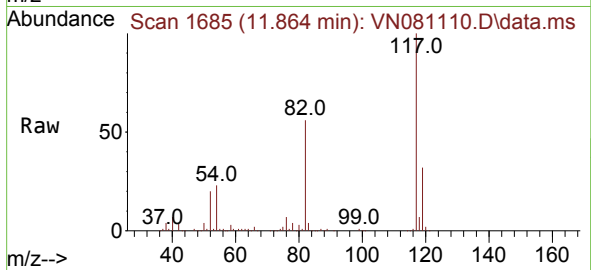
176 67.1 0.0 121.0



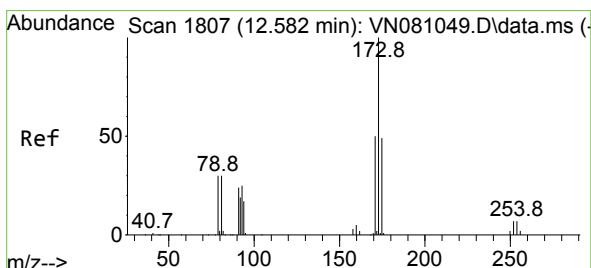
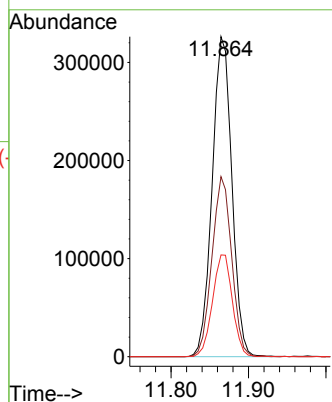
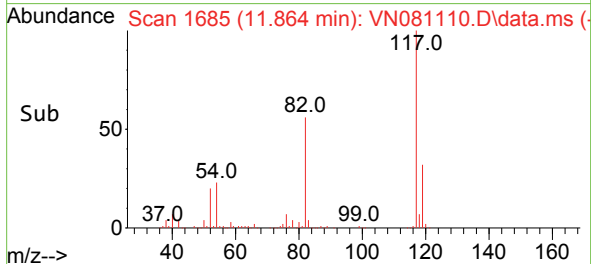


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

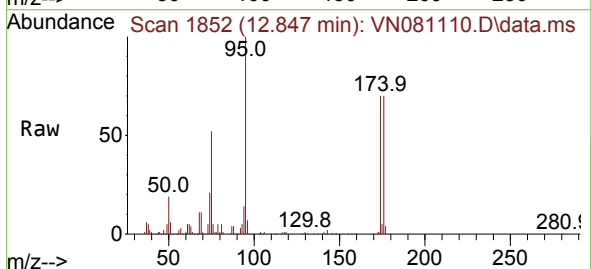
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02



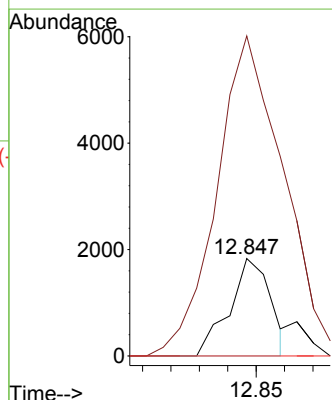
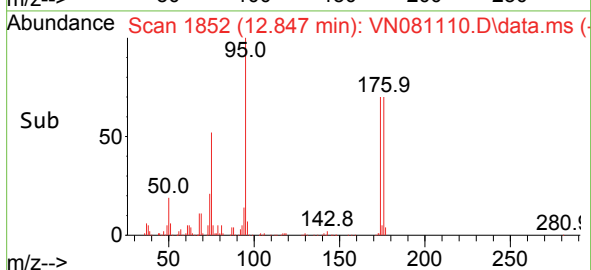
Tgt Ion:117 Resp: 575435
Ion Ratio Lower Upper
117 100
82 56.3 52.7 79.1
119 31.8 25.3 37.9

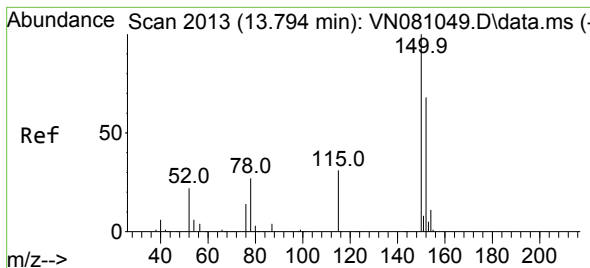


#71
Bromoform
Concen: 0.650 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.264 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03



Tgt Ion:173 Resp: 1844
Ion Ratio Lower Upper
173 100
175 459.8 23.1 69.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.006 min

Lab File: VN081110.D

Acq: 21 Feb 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBL02

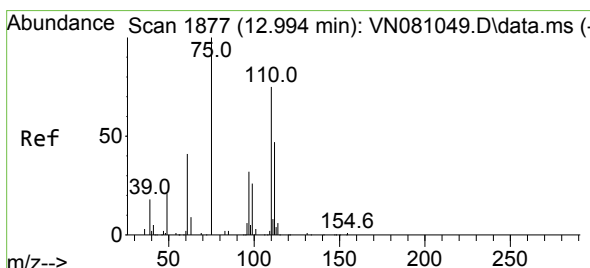
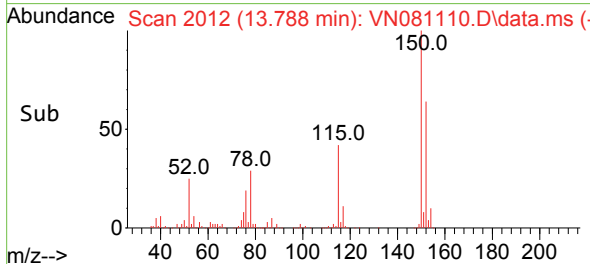
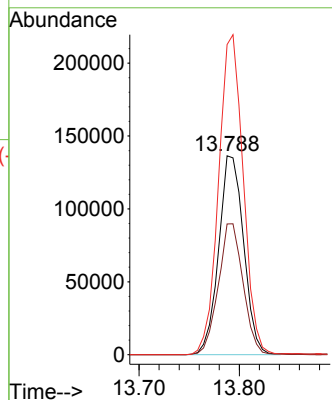
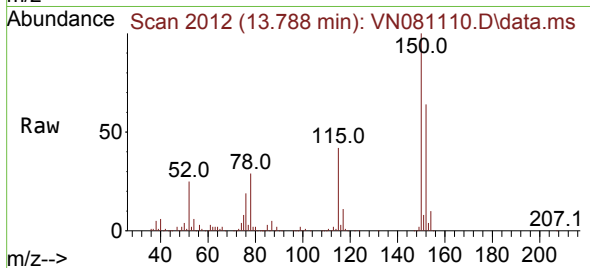
Tgt Ion:152 Resp: 235590

Ion Ratio Lower Upper

152 100

115 65.4 32.3 96.8

150 158.8 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 21.455 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081110.D

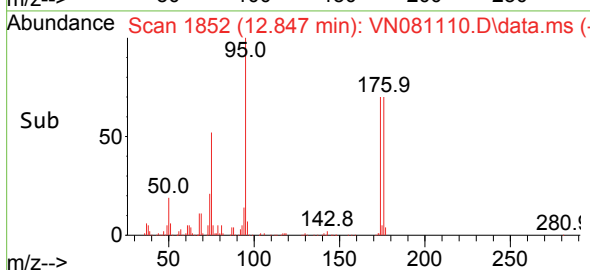
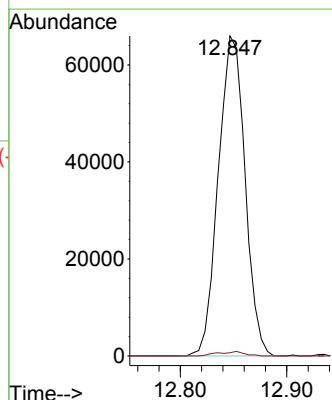
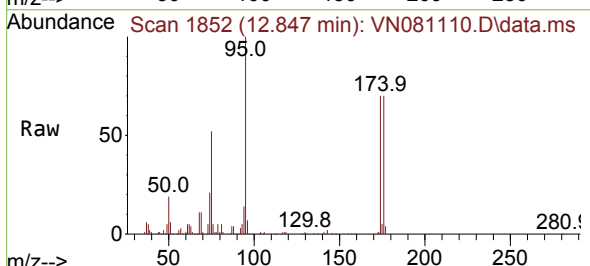
Acq: 21 Feb 2024 11:03

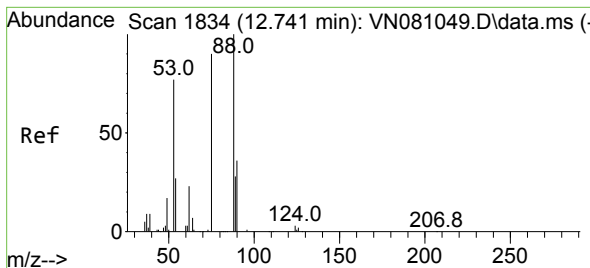
Tgt Ion: 75 Resp: 114846

Ion Ratio Lower Upper

75 100

77 1.4 91.0 272.8#

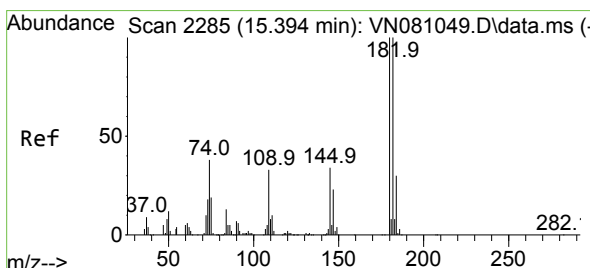
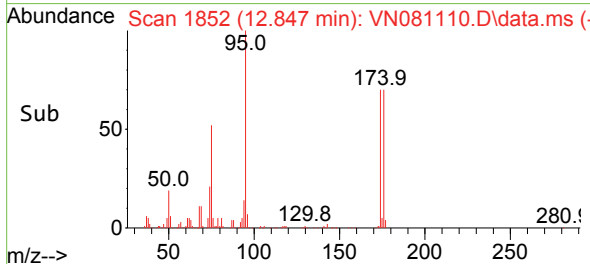
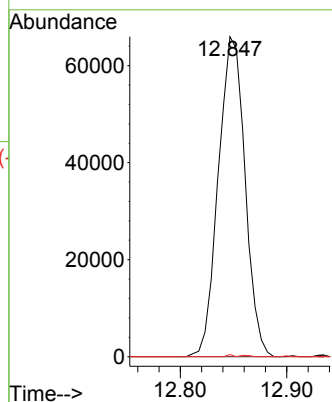
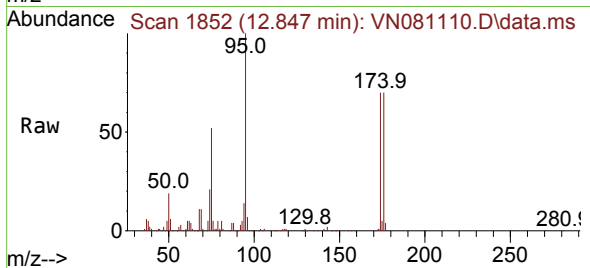




#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.225 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081110.D
 Acq: 21 Feb 2024 11:03

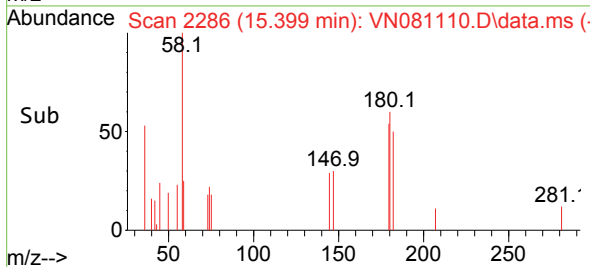
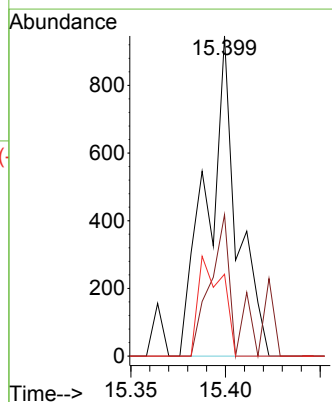
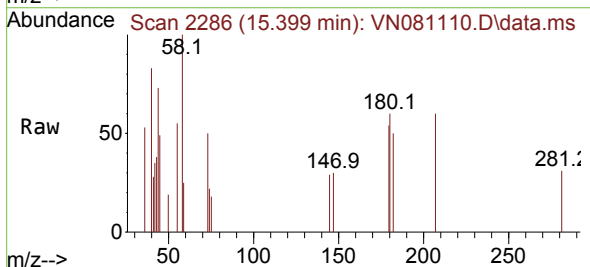
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBL02

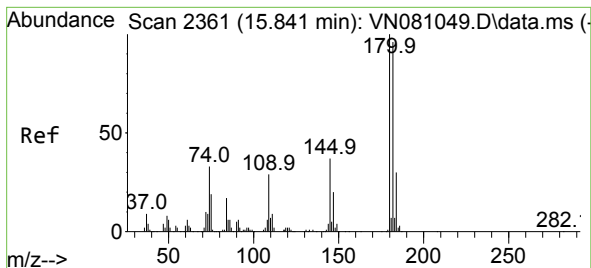
Tgt Ion: 75 Resp: 114846
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.1 33.4 50.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.222 ug/l
 RT: 15.399 min Scan# 2286
 Delta R.T. 0.006 min
 Lab File: VN081110.D
 Acq: 21 Feb 2024 11:03

Tgt Ion: 180 Resp: 1035
 Ion Ratio Lower Upper
 180 100
 182 34.1 46.6 139.7#
 145 25.2 16.8 50.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.236 ug/l
 RT: 15.852 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: VN081110.D
 Acq: 21 Feb 2024 11:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBL02

Tgt Ion:180 Resp: 1092
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.5 139.3#
 145 10.1 17.8 53.4#

