

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081186.D
 Acq On : 26 Feb 2024 11:28
 Operator : JC\MD
 Sample : VN0226MBL01
 Misc : 5.00g/mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226MBL01

Quant Time: Feb 27 00:04:20 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)

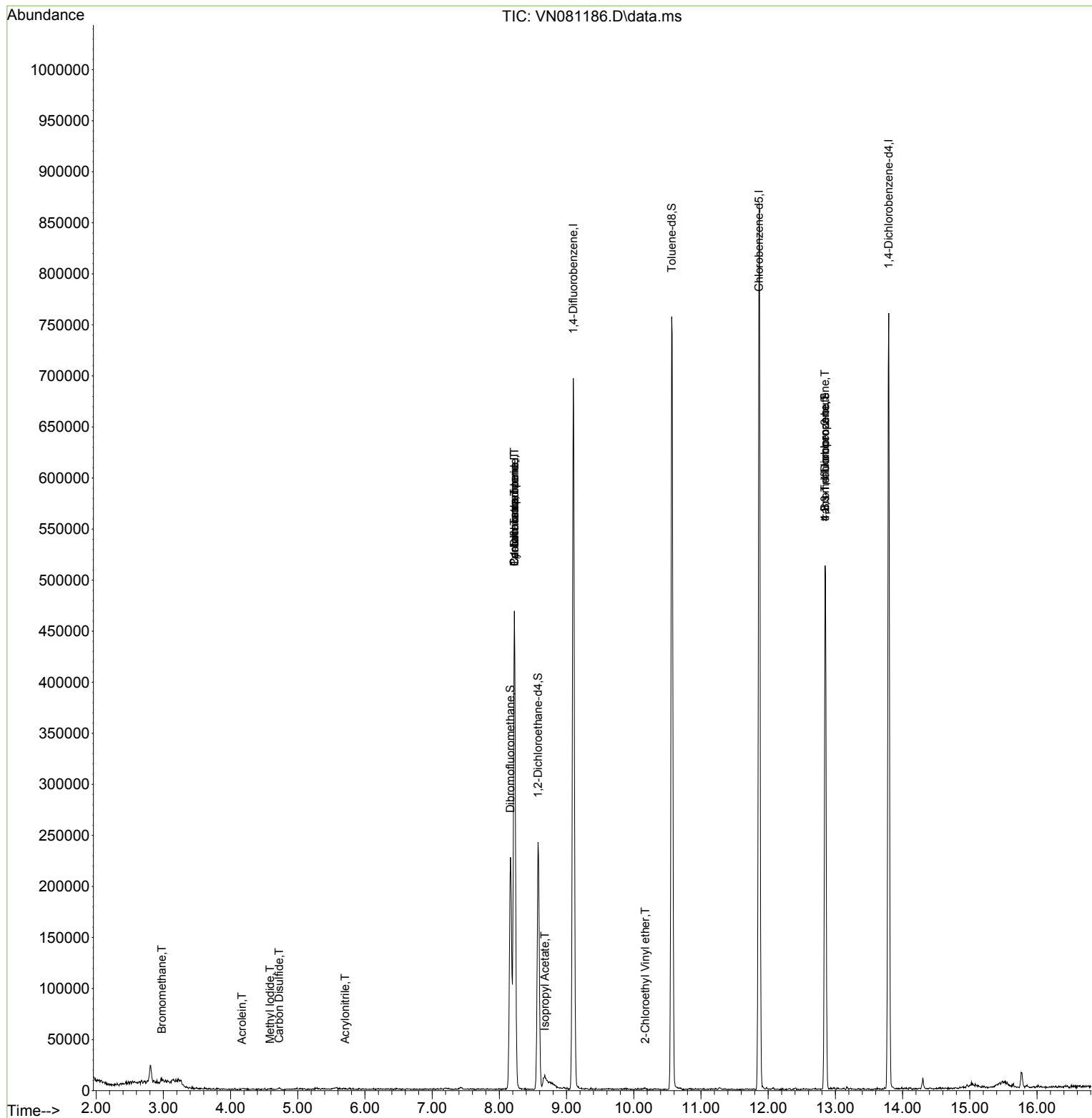
Internal Standards						
1) Pentafluorobenzene	8.224	168	320840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	594841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	500175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	190099	48.339	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.680%		
35) Dibromofluoromethane	8.165	113	160926	47.843	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.680%		
50) Toluene-d8	10.565	98	519835	43.513	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.020%		
62) 4-Bromofluorobenzene	12.847	95	186187	41.476	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	82.960%#		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1079	Below Cal		94
5) Bromomethane	2.977	94	1806	0.552 ug/l #		70
6) Chloroethane	3.130	64	74	Below Cal #		42
10) Methyl Iodide	4.589	142	863	0.206 ug/l #		65
13) Acrolein	4.171	56	553	1.427 ug/l #		15
15) Acrylonitrile	5.706	53	431	0.228 ug/l #		57
17) Carbon Disulfide	4.724	76	2450	0.242 ug/l #		87
20) Methylene Chloride	5.265	84	520	Below Cal #		15
31) Cyclohexane	8.224	56	8213	1.210 ug/l #		1
36) 1,1-Dichloropropene	8.224	75	29819	5.175 ug/l #		54
38) Carbon Tetrachloride	8.224	117	36374	6.239 ug/l #		18
43) Isopropyl Acetate	8.677	43	16482	1.812 ug/l #		60
49) 1,4-Dioxane	9.706	88	156	Below Cal #		1
58) 2-Chloroethyl Vinyl ether	10.171	63	828	0.266 ug/l #		79
76) 1,2,3-Trichloropropane	12.847	75	98402	21.948 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.847	75	98402	56.493 ug/l #		14

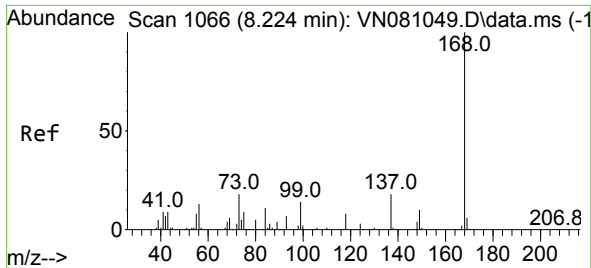
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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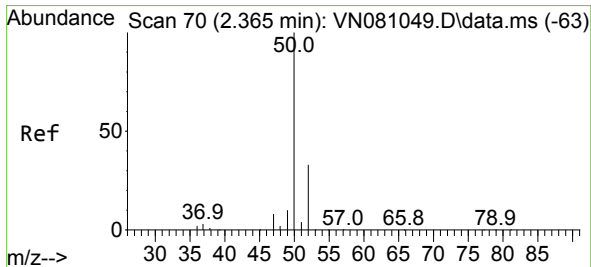
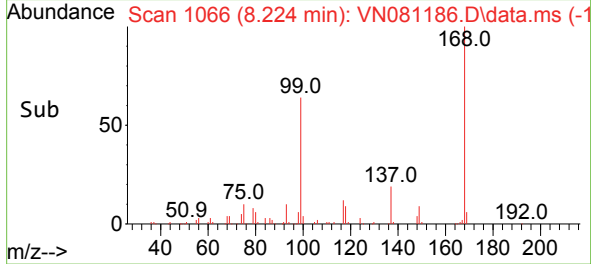
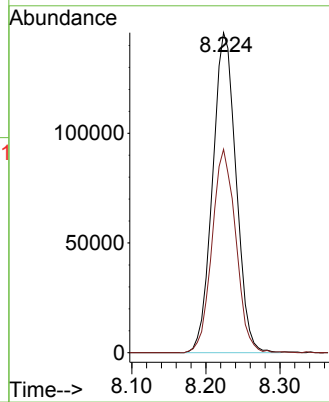
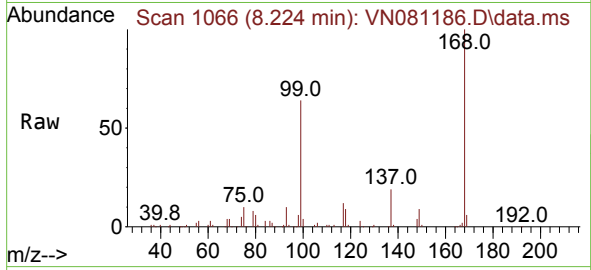




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

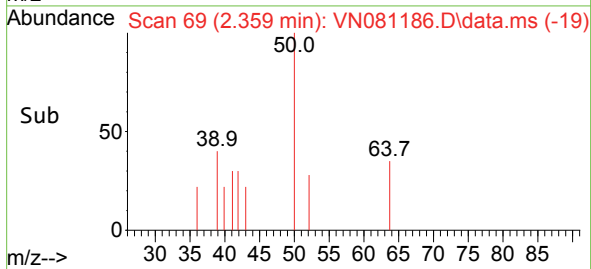
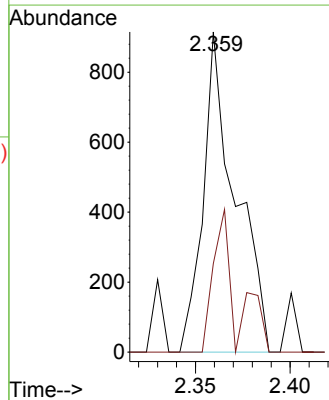
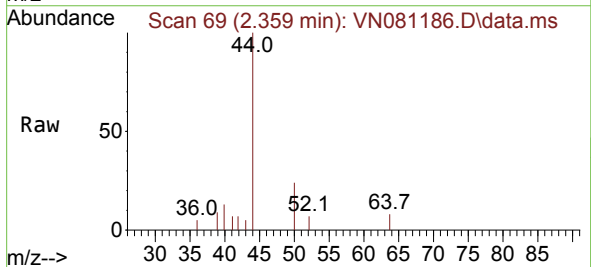
Instrument :
MSVOA_N
ClientSampleId :
VN0226MBL01

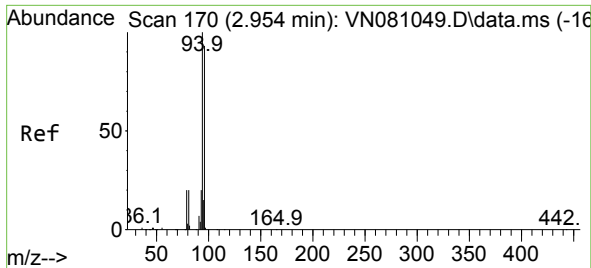
Tgt Ion:168 Resp: 320840
Ion Ratio Lower Upper
168 100
99 63.6 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

Tgt Ion: 50 Resp: 1079
Ion Ratio Lower Upper
50 100
52 27.7 25.0 37.4

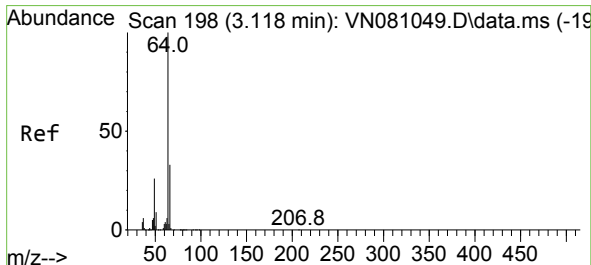
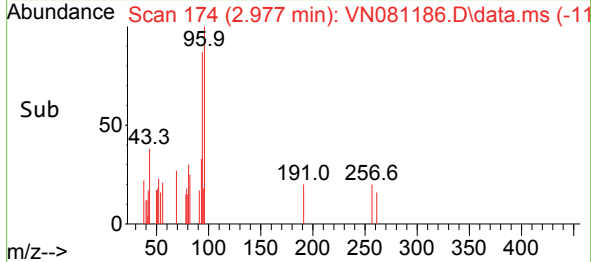
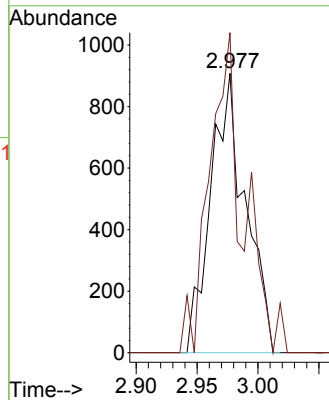
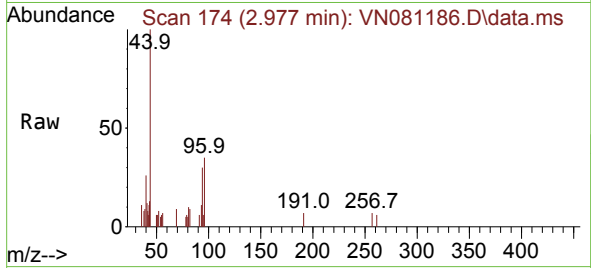




#5
Bromomethane
Concen: 0.552 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

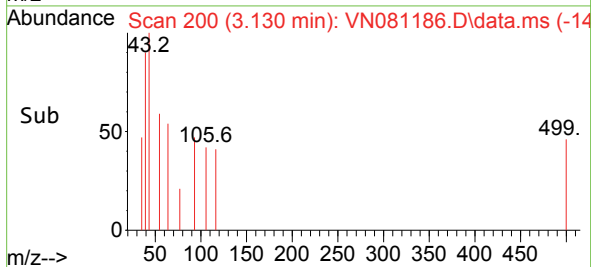
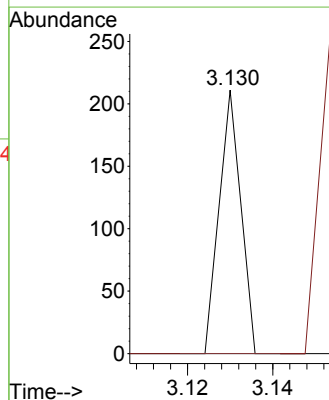
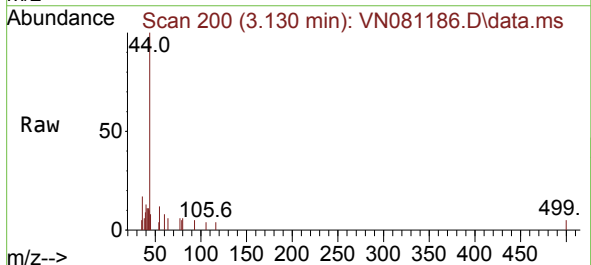
Instrument :
MSVOA_N
ClientSampleId :
VN0226MBL01

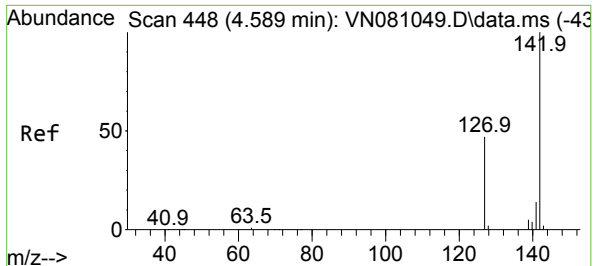
Tgt Ion: 94 Resp: 1806
Ion Ratio Lower Upper
94 100
96 114.5 69.2 103.8#



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

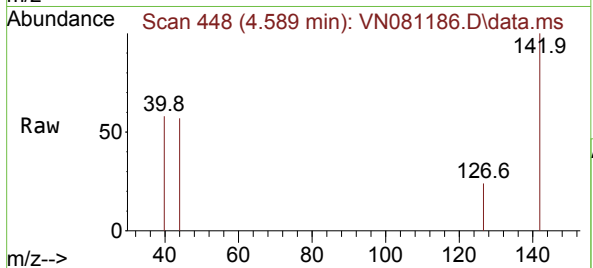
Tgt Ion: 64 Resp: 74
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



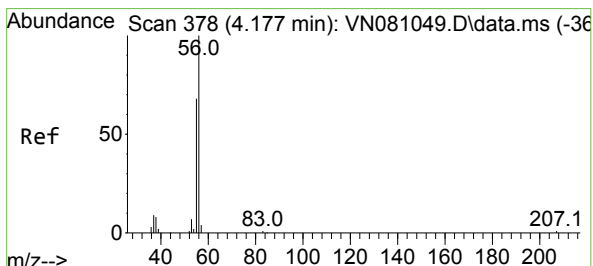
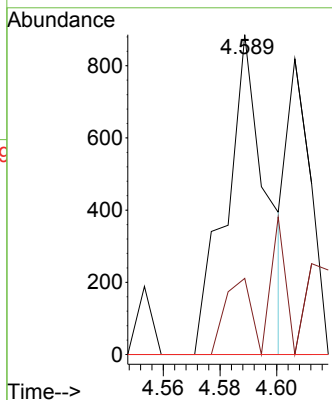
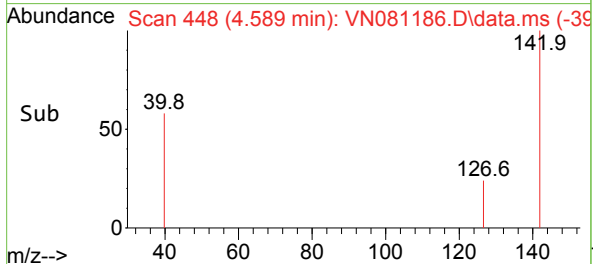


#10
Methyl Iodide
Concen: 0.206 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

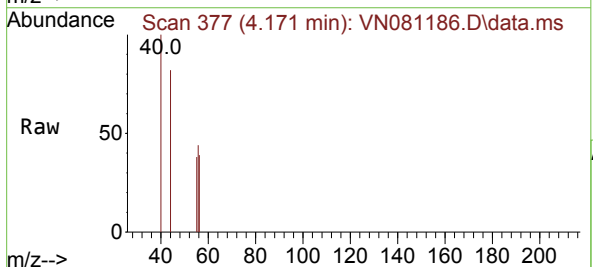
Instrument :
MSVOA_N
ClientSampleId :
VN0226MBL01



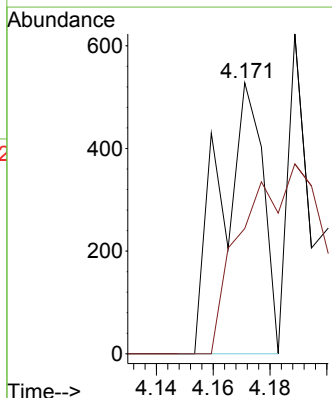
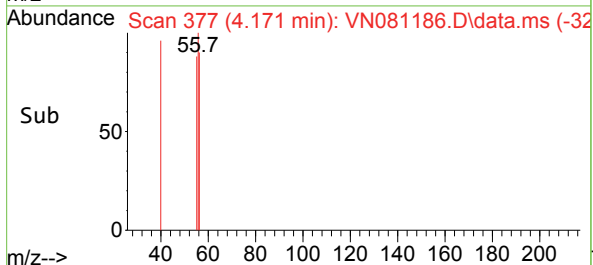
Tgt Ion:142 Resp: 863
Ion Ratio Lower Upper
142 100
127 23.8 37.0 55.4#
141 0.0 12.5 18.7#

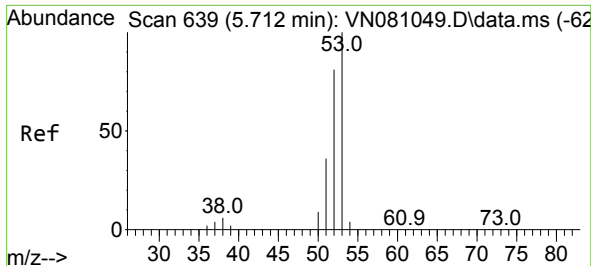


#13
Acrolein
Concen: 1.427 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28



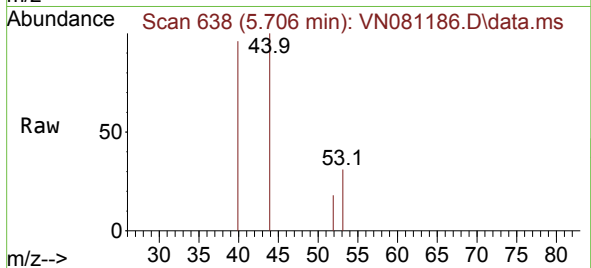
Tgt Ion: 56 Resp: 553
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



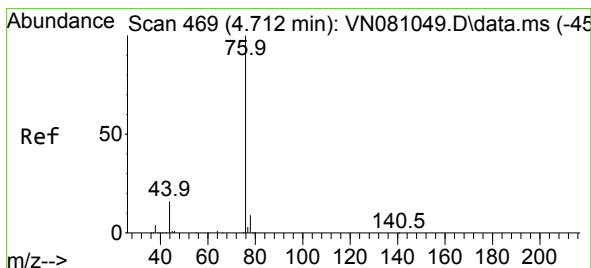
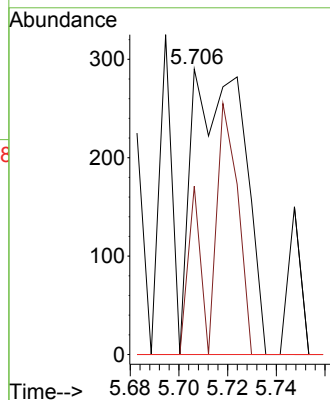
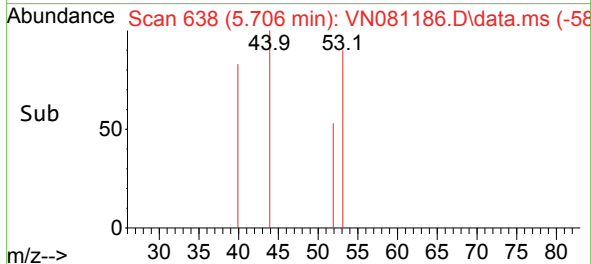


#15
Acrylonitrile
Concen: 0.228 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0226MBL01

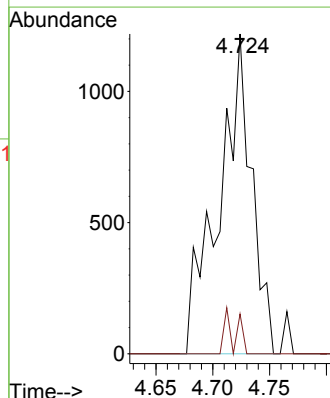
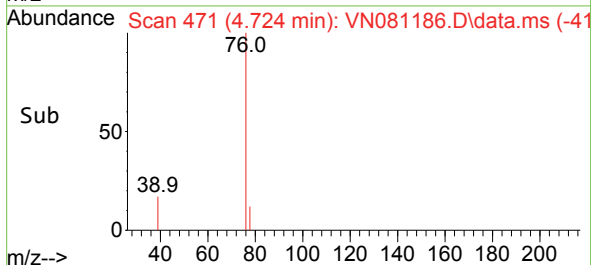
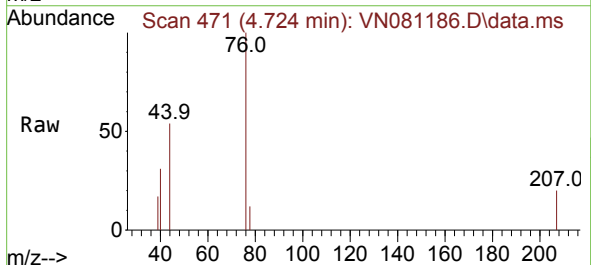


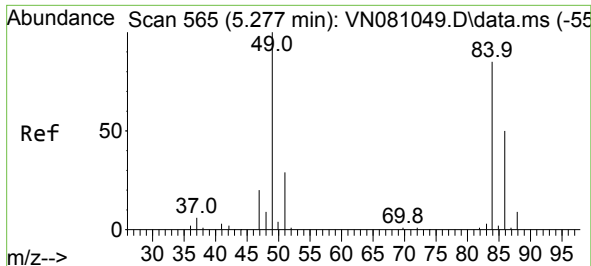
Tgt Ion: 53 Resp: 431
Ion Ratio Lower Upper
53 100
52 49.0 64.8 97.2#
51 0.0 26.9 40.3#



#17
Carbon Disulfide
Concen: 0.242 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

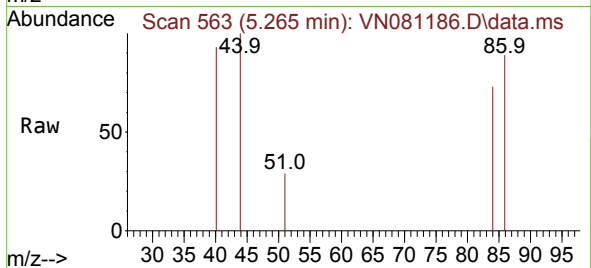
Tgt Ion: 76 Resp: 2450
Ion Ratio Lower Upper
76 100
78 12.5 6.3 9.5#



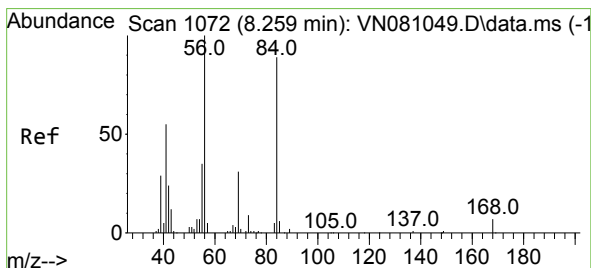
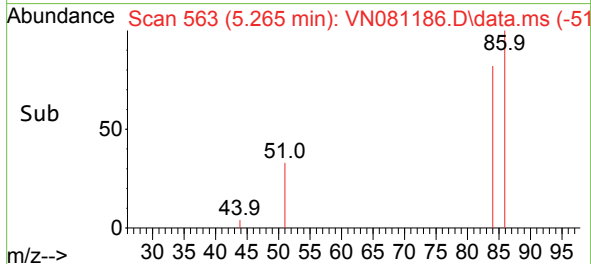
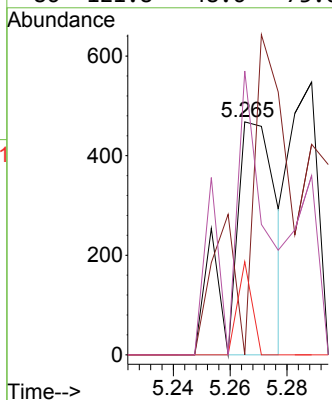


#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0226MBL01

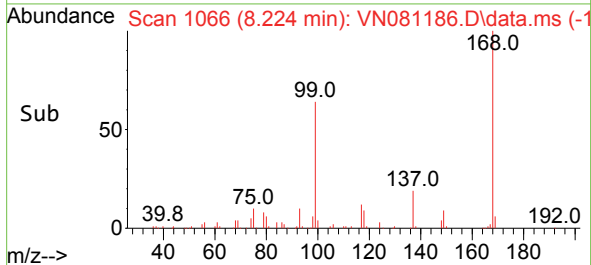
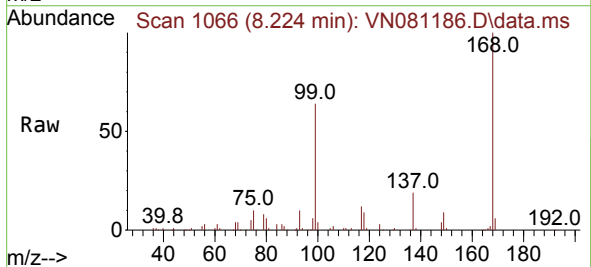
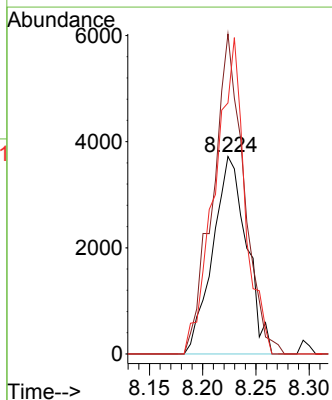


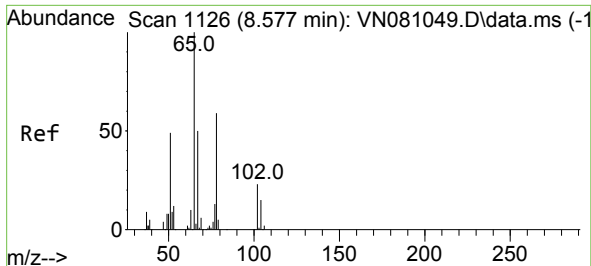
Tgt Ion:	84	Resp:	520
Ion	Ratio	Lower	Upper
84	100		
49	0.0	108.1	162.1#
51	40.0	32.9	49.3
86	121.8	48.6	73.0#



#31
Cyclohexane
Concen: 1.210 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

Tgt Ion:	56	Resp:	8213
Ion	Ratio	Lower	Upper
56	100		
69	162.1	20.1	30.1#
84	127.2	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 48.339 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081186.D

Acq: 26 Feb 2024 11:28

Instrument :

MSVOA_N

ClientSampleId :

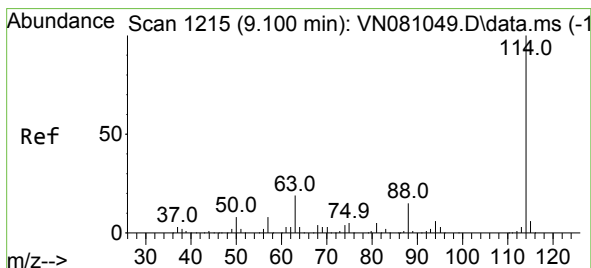
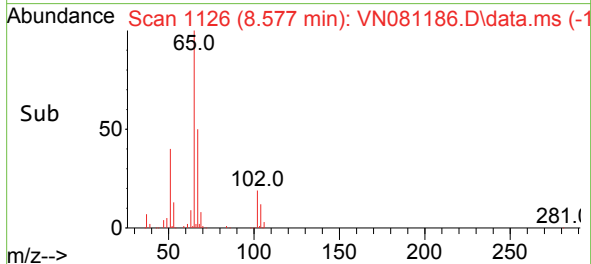
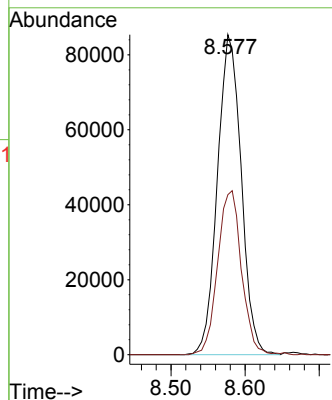
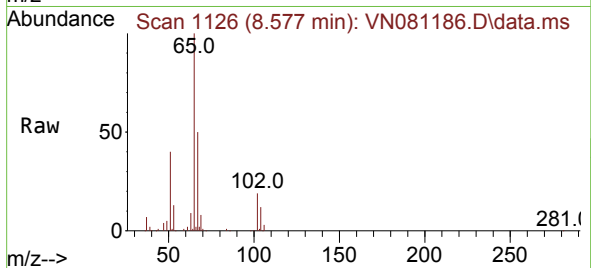
VN0226MBL01

Tgt Ion: 65 Resp: 190099

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081186.D

Acq: 26 Feb 2024 11:28

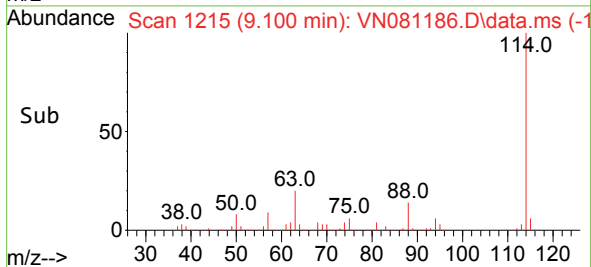
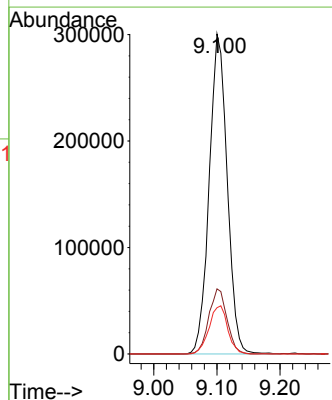
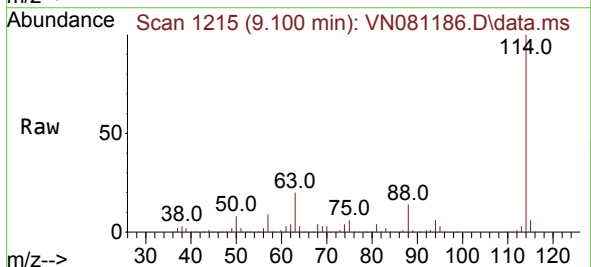
Tgt Ion: 114 Resp: 594841

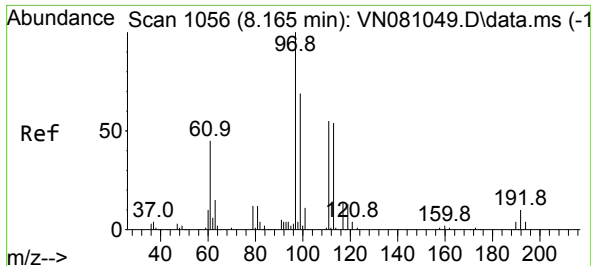
Ion Ratio Lower Upper

114 100

63 20.4 0.0 48.0

88 14.5 0.0 34.8

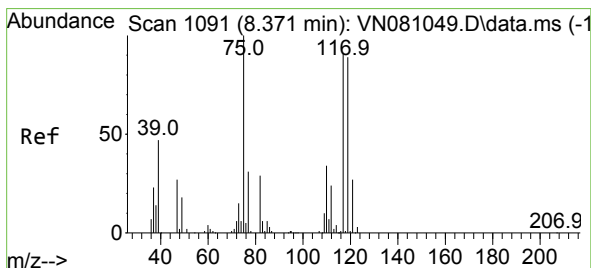
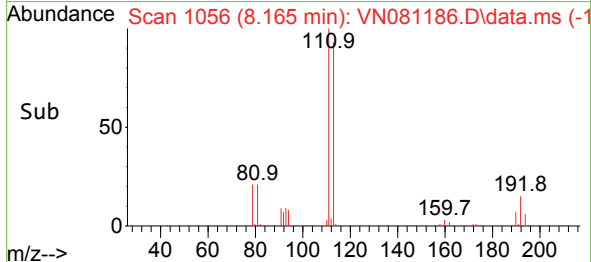
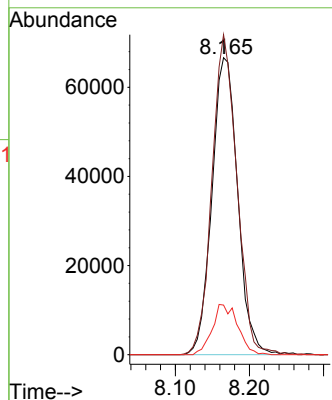
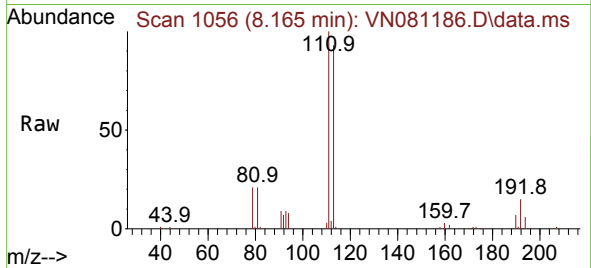




#35
Dibromofluoromethane
Concen: 47.843 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

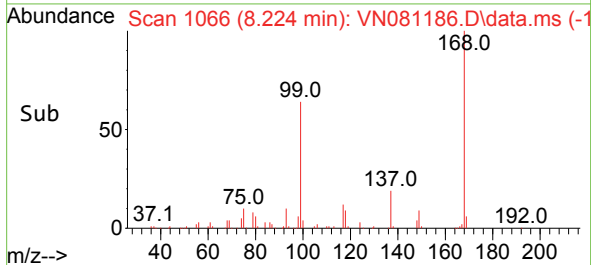
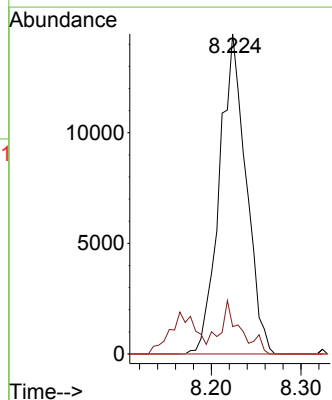
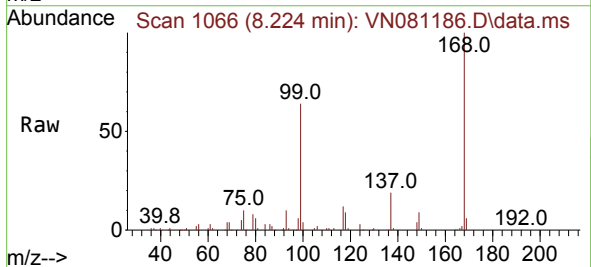
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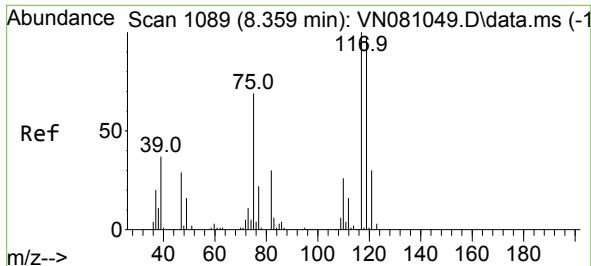
Tgt Ion:113 Resp: 160926
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 16.7 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.175 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

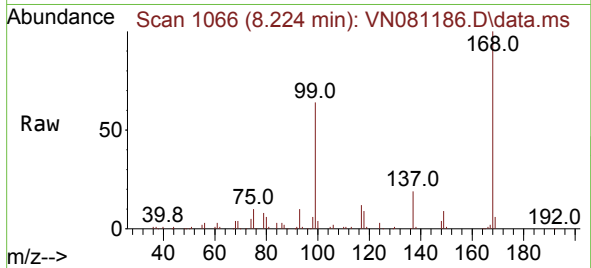
Tgt Ion: 75 Resp: 29819
Ion Ratio Lower Upper
75 100
110 12.8 16.0 48.0#
77 0.0 25.8 38.6#



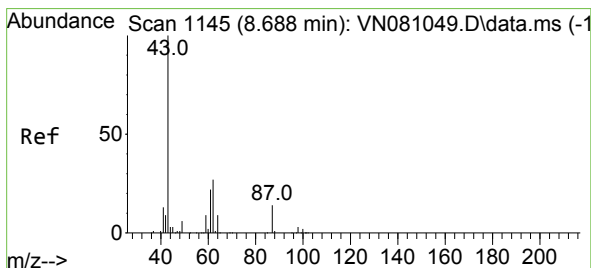
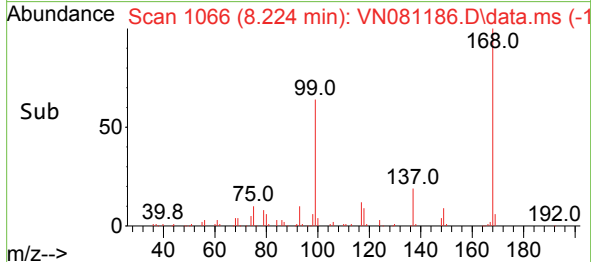
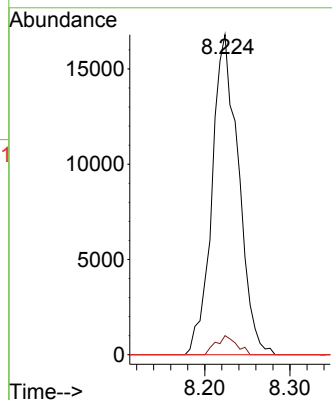


#38
Carbon Tetrachloride
Concen: 6.239 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0226MBL01

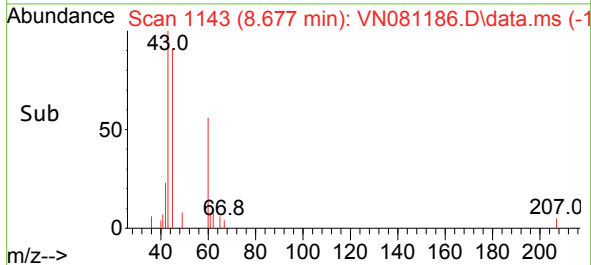
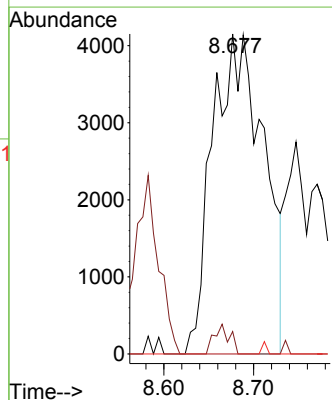
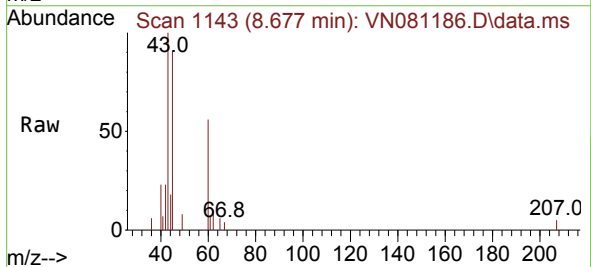


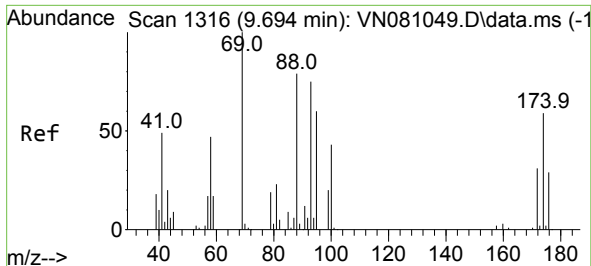
Tgt Ion:117 Resp: 36374
Ion Ratio Lower Upper
117 100
119 5.9 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 1.812 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

Tgt Ion: 43 Resp: 16482
Ion Ratio Lower Upper
43 100
61 2.8 19.9 29.9#
87 0.0 9.0 13.6#





#49

1,4-Dioxane

Concen: Below Cal

RT: 9.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN081186.D

Acq: 26 Feb 2024 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0226MBL01

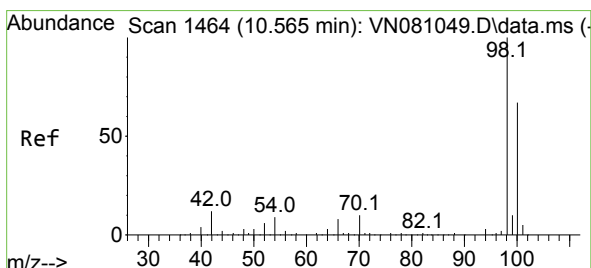
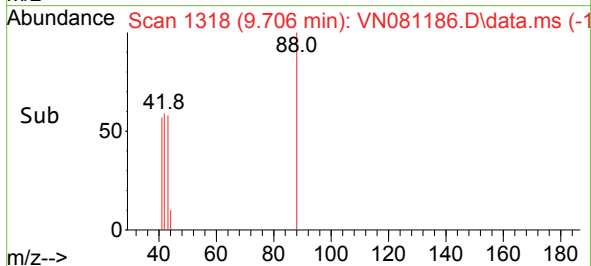
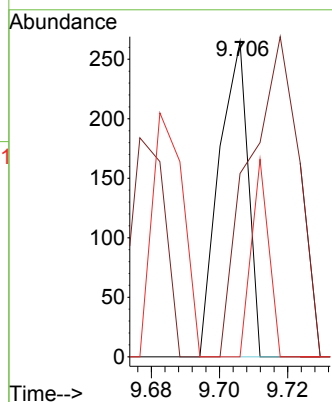
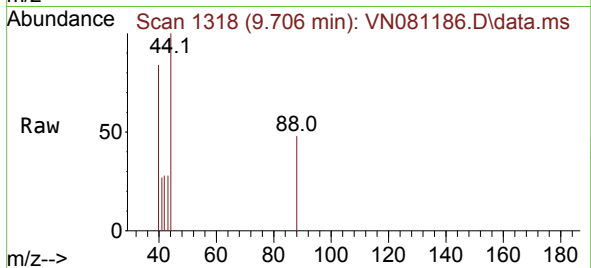
Tgt Ion: 88 Resp: 156

Ion Ratio Lower Upper

88 100

43 173.1 30.1 45.1#

58 37.8 63.9 95.9#



#50

Toluene-d8

Concen: 43.513 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081186.D

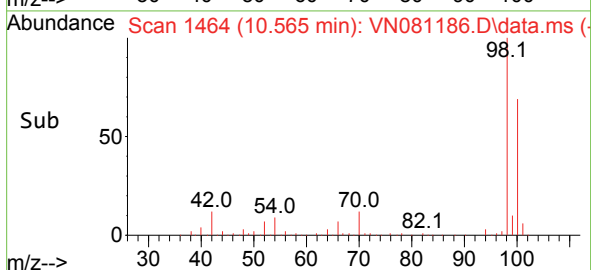
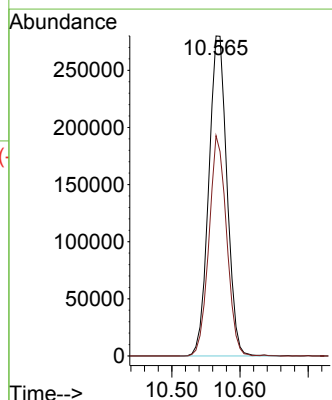
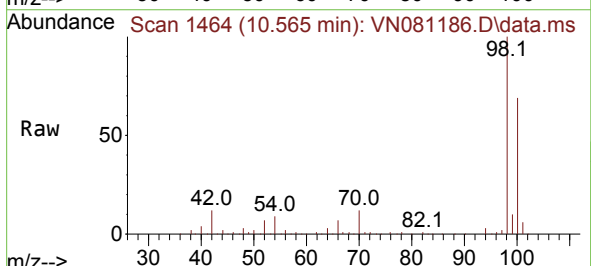
Acq: 26 Feb 2024 11:28

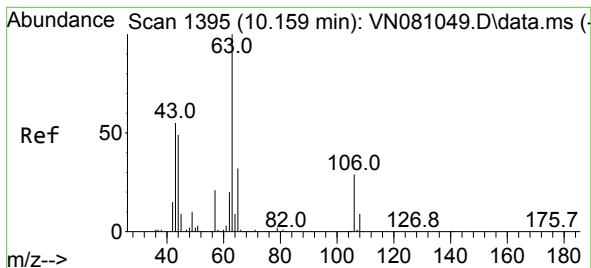
Tgt Ion: 98 Resp: 519835

Ion Ratio Lower Upper

98 100

100 66.6 51.4 77.0

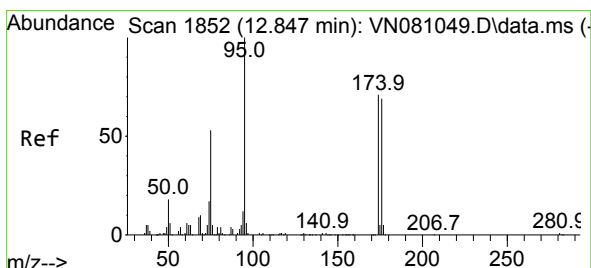
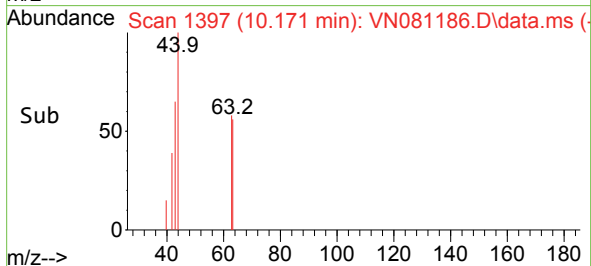
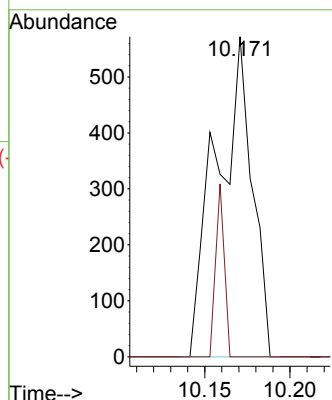
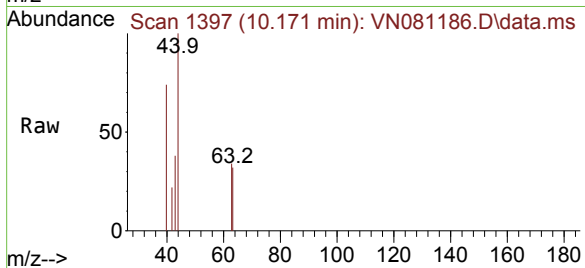




#58
2-Chloroethyl Vinyl ether
Concen: 0.266 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.012 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

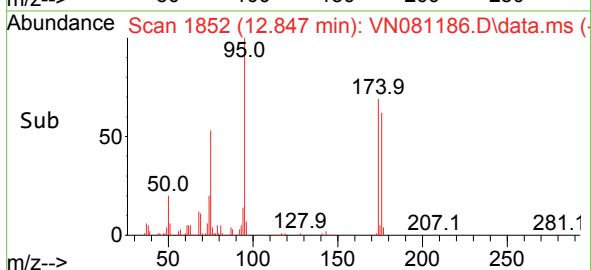
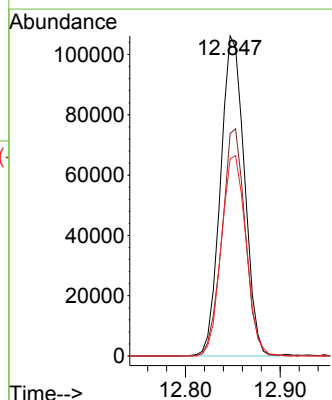
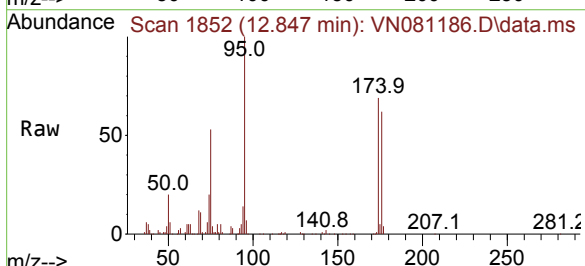
Instrument :
MSVOA_N
ClientSampleId :
VN0226MBL01

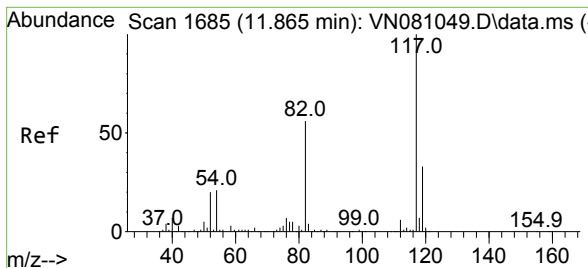
Tgt Ion: 63 Resp: 828
Ion Ratio Lower Upper
63 100
106 13.2 18.6 28.0#



#62
4-Bromofluorobenzene
Concen: 41.476 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

Tgt Ion: 95 Resp: 186187
Ion Ratio Lower Upper
95 100
174 69.2 0.0 120.4
176 64.7 0.0 121.0

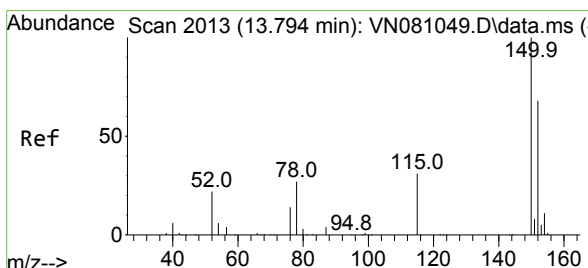
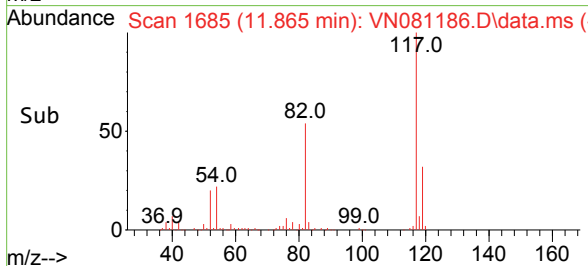
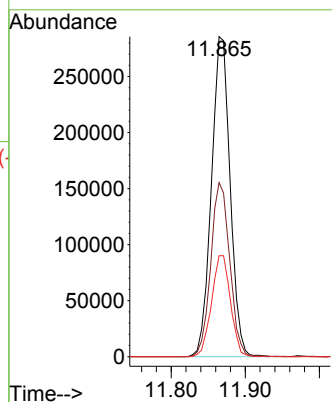
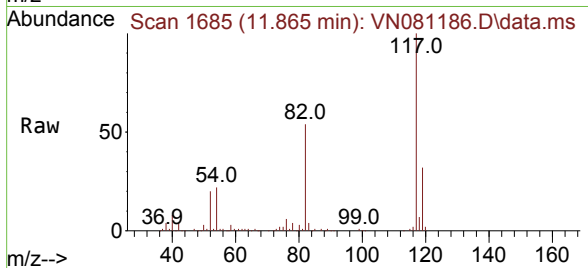




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

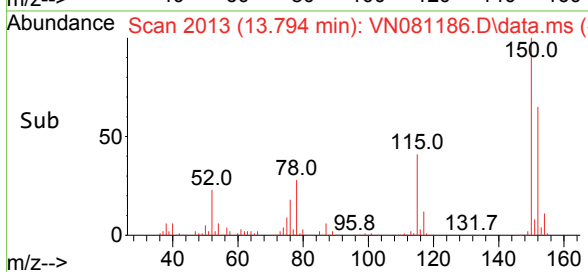
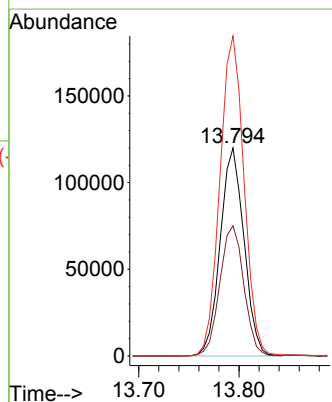
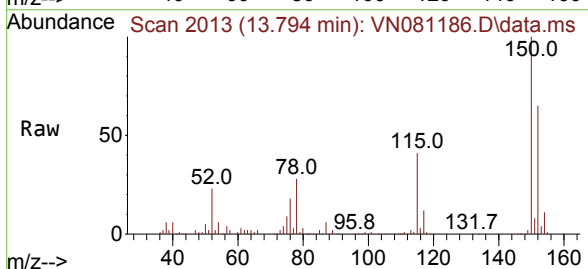
Instrument :
MSVOA_N
ClientSampleId :
VN0226MBL01

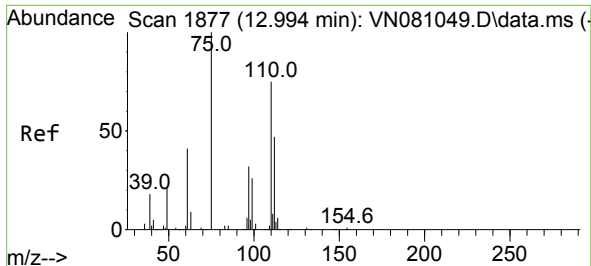
Tgt Ion:117 Resp: 500175
Ion Ratio Lower Upper
117 100
82 54.4 52.7 79.1
119 31.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

Tgt Ion:152 Resp: 197326
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 156.3 0.0 339.8

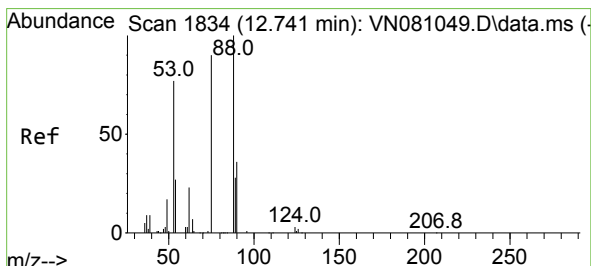
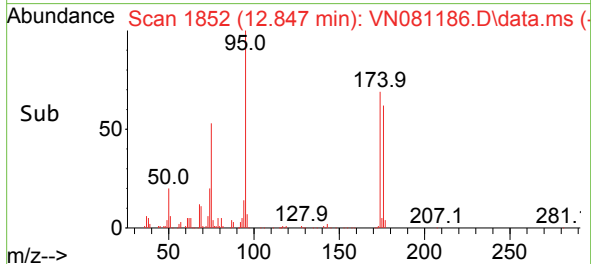
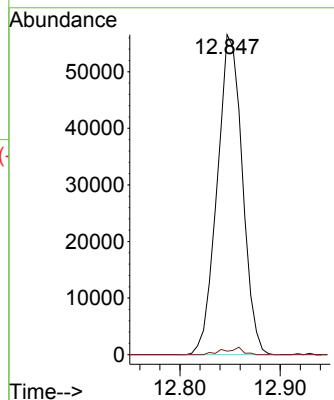
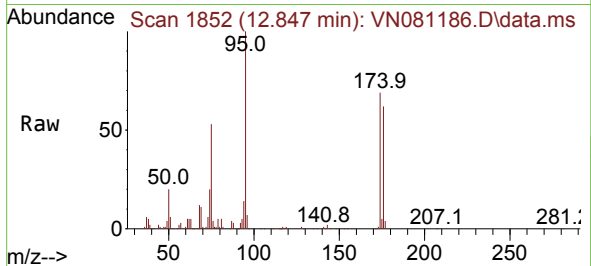




#76
1,2,3-Trichloropropane
Concen: 21.948 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0226MBL01

Tgt Ion: 75 Resp: 98402
Ion Ratio Lower Upper
75 100
77 1.7 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.493 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

Tgt Ion: 75 Resp: 98402
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.2 33.4 50.0#

