

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081213.D
 Acq On : 27 Feb 2024 12:46
 Operator : JC\MD
 Sample : PB159267TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159267TB

Quant Time: Feb 28 04:15:46 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	8.230	168	334856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	635651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	567585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217182	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	226218	55.116	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.240%	
35) Dibromofluoromethane	8.171	113	175911	48.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.880%	
50) Toluene-d8	10.571	98	703669	55.119	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.240%	
62) 4-Bromofluorobenzene	12.853	95	224750	46.852	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.700%	

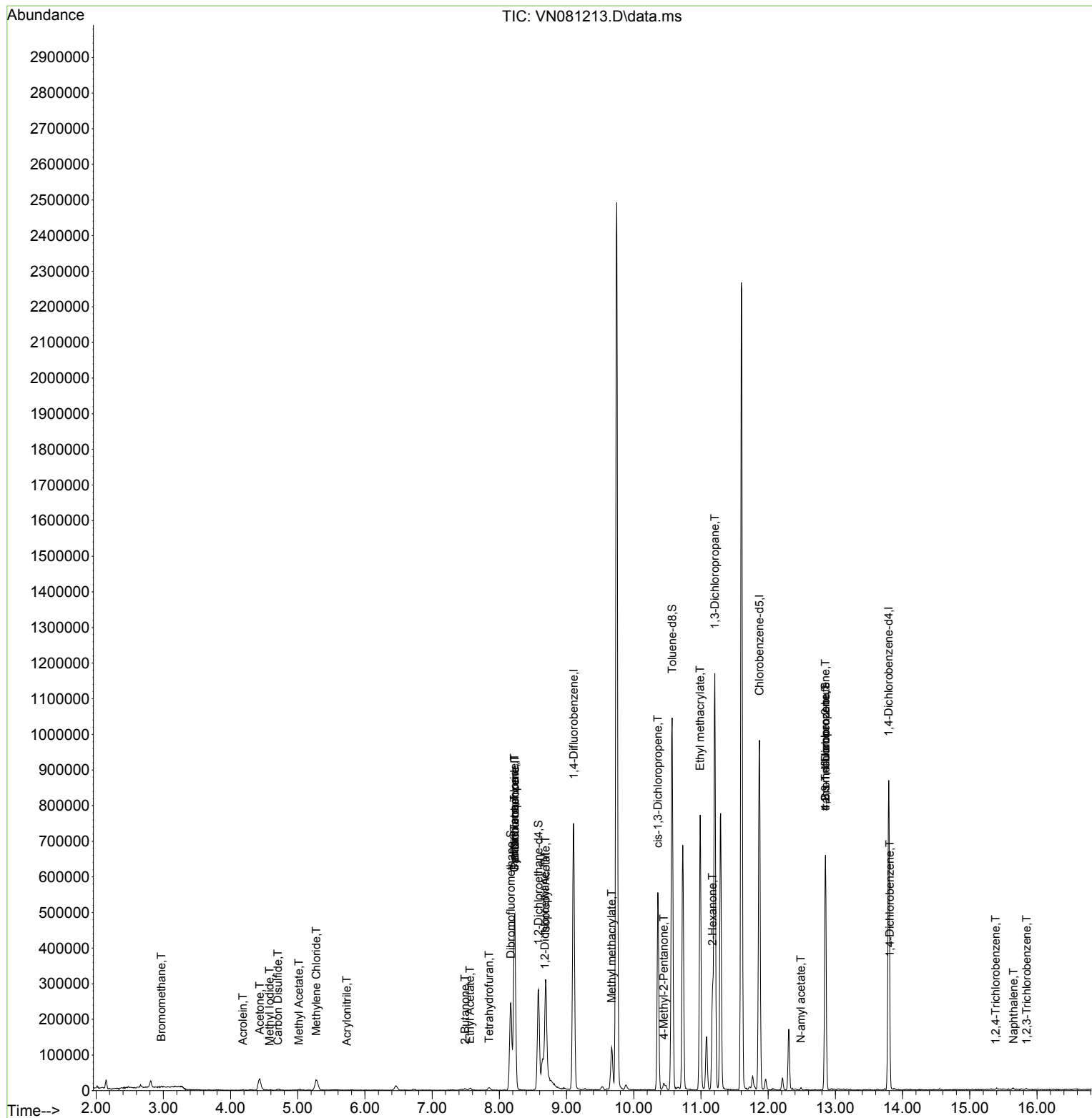
Target Compounds				Qvalue		
3) Chloromethane	2.359	50	1410	Below Cal	99	
5) Bromomethane	2.971	94	1325	0.388 ug/l #	70	
6) Chloroethane	3.095	64	71	Below Cal #	42	
10) Methyl Iodide	4.583	142	1244	0.284 ug/l #	39	
13) Acrolein	4.183	56	904	2.235 ug/l #	72	
15) Acrylonitrile	5.730	53	563	0.286 ug/l #	38	
16) Acetone	4.436	43	62380	38.626 ug/l	97	
17) Carbon Disulfide	4.706	76	2852	0.270 ug/l #	78	
18) Methyl Acetate	5.018	43	1842	0.468 ug/l #	54	
20) Methylene Chloride	5.277	84	23546	4.795 ug/l	88	
25) 2-Butanone	7.489	43	6469	2.479 ug/l #	85	
29) Tetrahydrofuran	7.847	42	5309	3.048 ug/l #	90	
31) Cyclohexane	8.224	56	9746	1.375 ug/l #	1	
36) 1,1-Dichloropropene	8.230	75	30313	4.923 ug/l #	52	
37) Ethyl Acetate	7.565	43	7982	1.436 ug/l #	92	
38) Carbon Tetrachloride	8.224	117	40635	6.522 ug/l #	18	
42) 1,2-Dichloroethane	8.677	62	2588	0.416 ug/l #	75	
43) Isopropyl Acetate	8.688	43	468547	48.205 ug/l #	80	
48) Methyl methacrylate	9.671	41	7963	1.761 ug/l #	48	
49) 1,4-Dioxane	9.694	88	109	Below Cal #	1	
51) 4-Methyl-2-Pentanone	10.447	43	21391	3.826 ug/l #	83	
54) cis-1,3-Dichloropropene	10.359	75	97973	13.263 ug/l #	64	
56) Ethyl methacrylate	10.988	69	2748	0.414 ug/l #	1	
57) 1,3-Dichloropropane	11.206	76	12229	1.630 ug/l #	43	
59) 2-Hexanone	11.171	43	252030	56.855 ug/l #	26	
74) N-amyl acetate	12.488	43	3532	0.440 ug/l #	53	
76) 1,2,3-Trichloropropane	12.853	75	122703	24.866 ug/l #	1	
81) trans-1,4-Dichloro-2-b...	12.853	75	122703	64.004 ug/l #	14	
88) 1,4-Dichlorobenzene	13.812	146	1783	0.227 ug/l #	1	
93) 1,2,4-Trichlorobenzene	15.388	180	1302	0.302 ug/l #	18	
95) Naphthalene	15.653	128	4141	0.262 ug/l #	92	
96) 1,2,3-Trichlorobenzene	15.847	180	1317	0.308 ug/l	80	

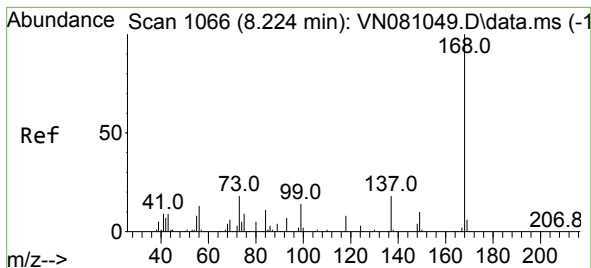
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
Data File : VN081213.D
Acq On : 27 Feb 2024 12:46
Operator : JC\MD
Sample : PB159267TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB159267TB

Quant Time: Feb 28 04:15:46 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN081213.D

Acq: 27 Feb 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

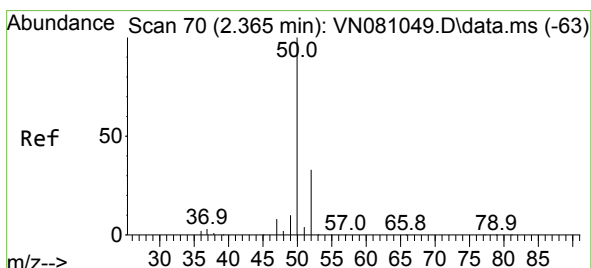
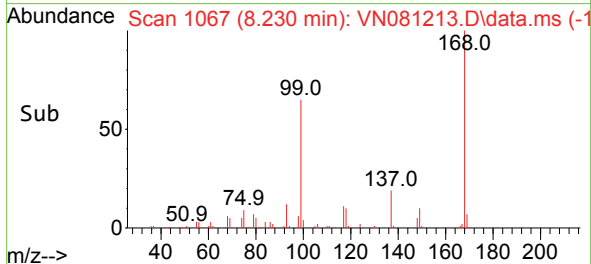
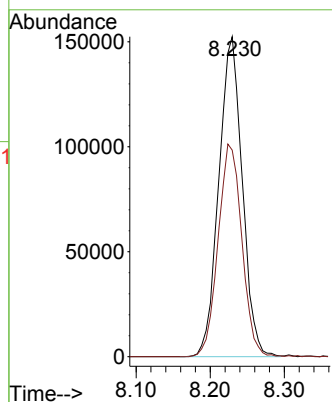
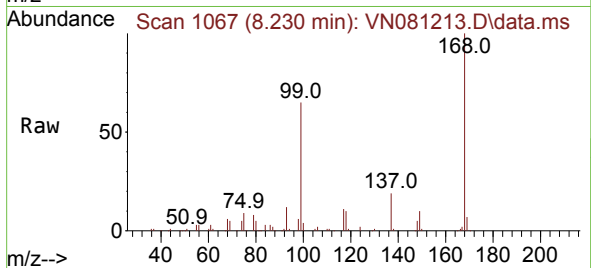
PB159267TB

Tgt Ion:168 Resp: 334856

Ion Ratio Lower Upper

168 100

99 64.6 59.9 89.9



#3

Chloromethane

Concen: Below Cal

RT: 2.359 min Scan# 69

Delta R.T. -0.006 min

Lab File: VN081213.D

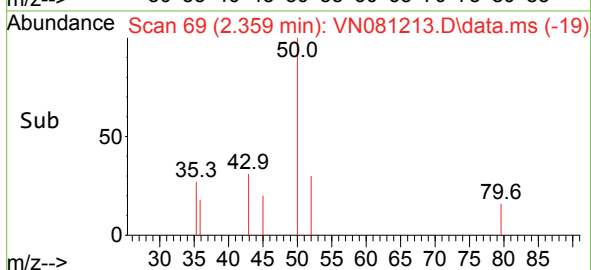
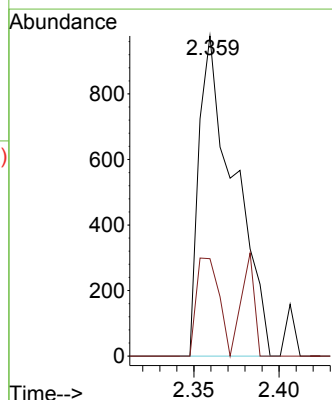
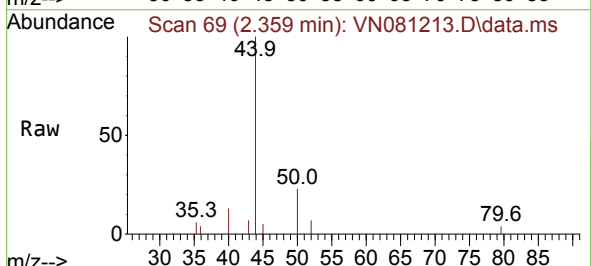
Acq: 27 Feb 2024 12:46

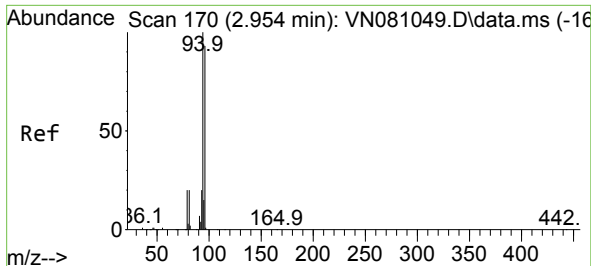
Tgt Ion: 50 Resp: 1410

Ion Ratio Lower Upper

50 100

52 30.4 25.0 37.4

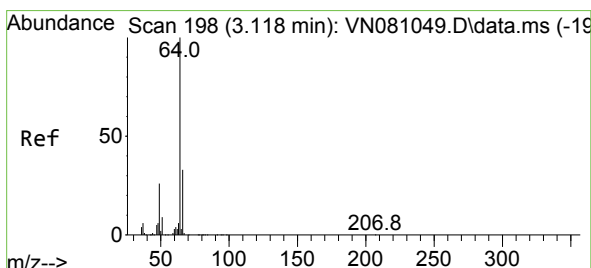
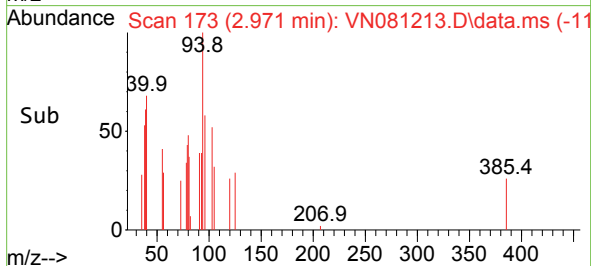
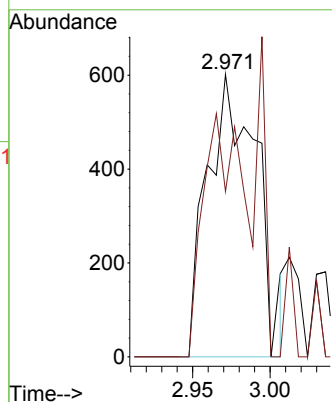
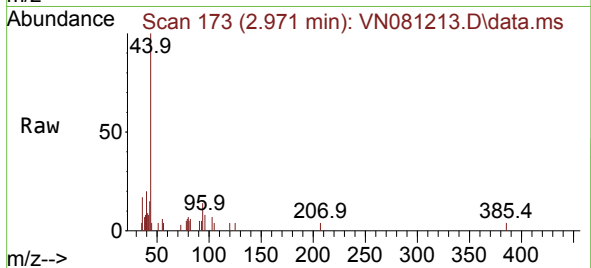




#5
Bromomethane
Concen: 0.388 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

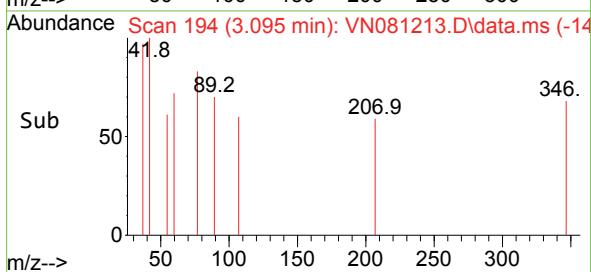
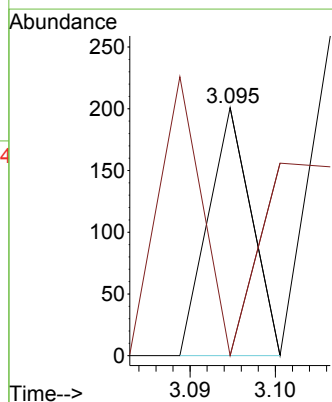
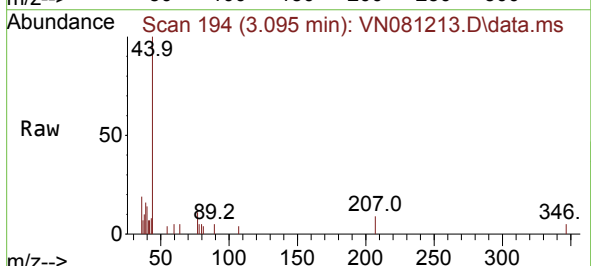
Instrument :
MSVOA_N
ClientSampleId :
PB159267TB

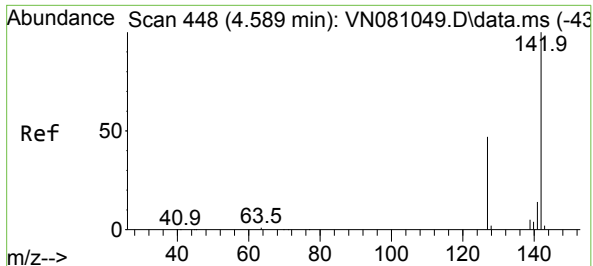
Tgt Ion: 94 Resp: 1325
Ion Ratio Lower Upper
94 100
96 58.5 69.2 103.8#



#6
Chloroethane
Concen: Below Cal
RT: 3.095 min Scan# 194
Delta R.T. -0.023 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

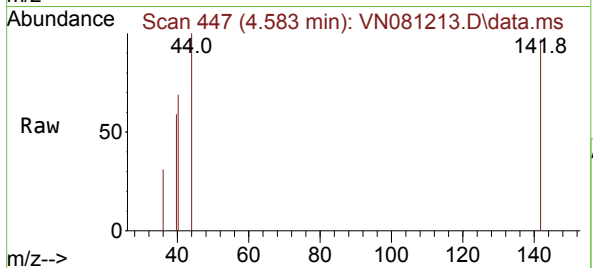
Tgt Ion: 64 Resp: 71
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



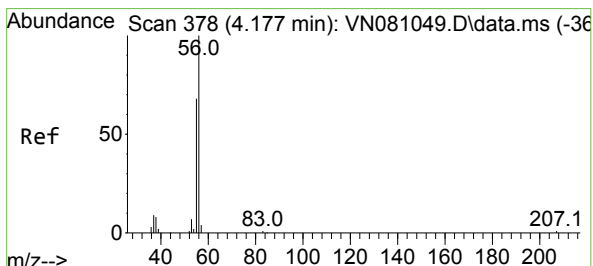
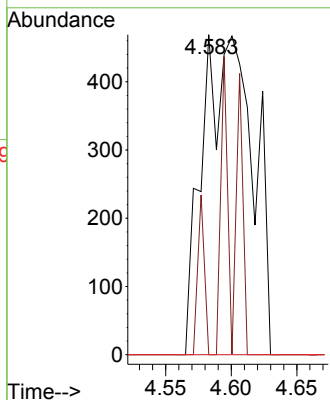
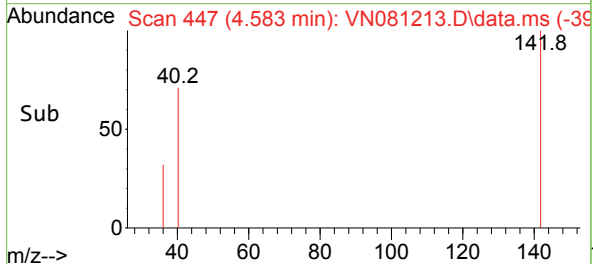


#10
Methyl Iodide
Concen: 0.284 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
PB159267TB

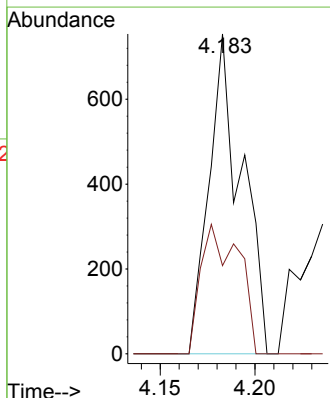
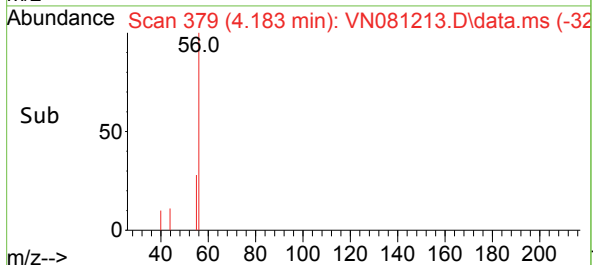
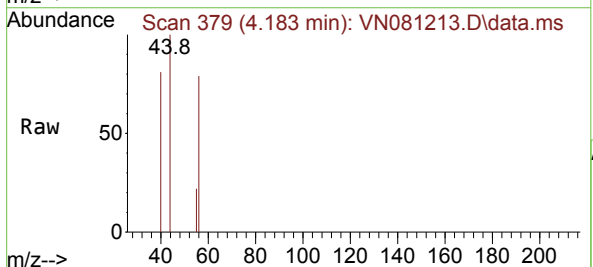


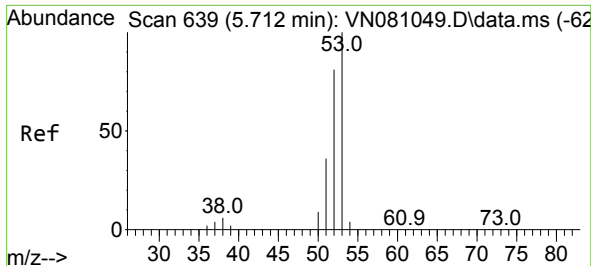
Tgt Ion:142 Resp: 1244
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.4#
141 0.0 12.5 18.7#



#13
Acrolein
Concen: 2.235 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

Tgt Ion: 56 Resp: 904
Ion Ratio Lower Upper
56 100
55 46.7 55.3 82.9#

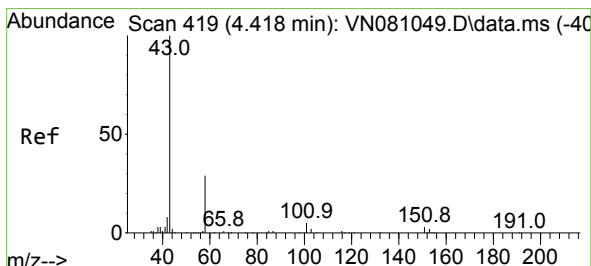
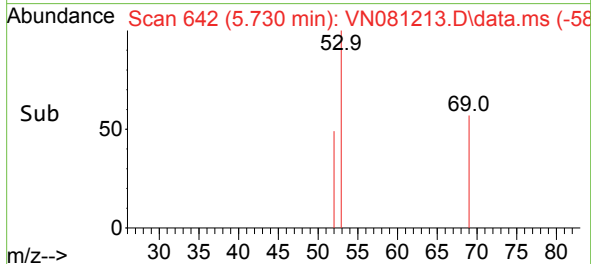
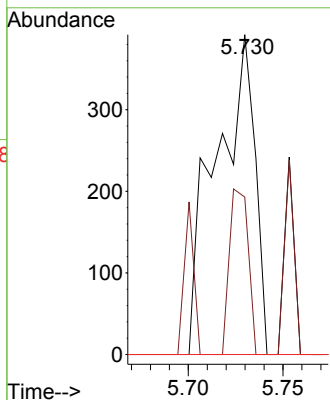
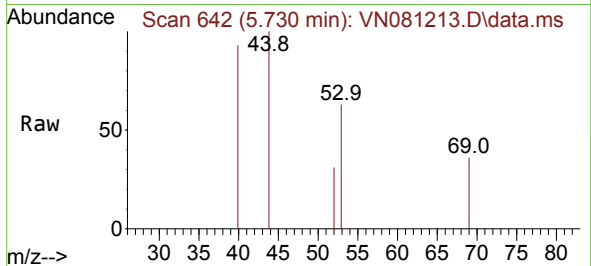




#15
Acrylonitrile
Concen: 0.286 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.018 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

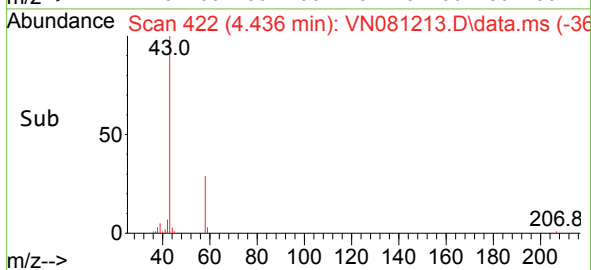
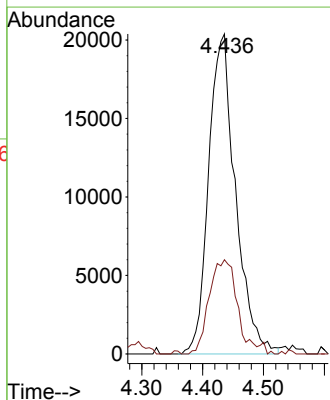
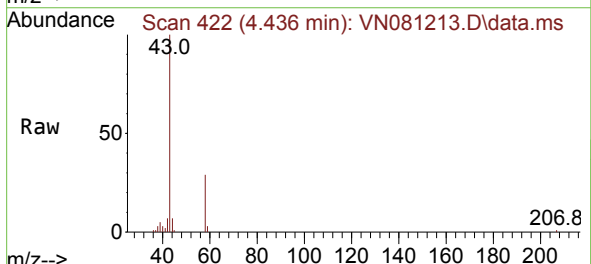
Instrument :
MSVOA_N
ClientSampleId :
PB159267TB

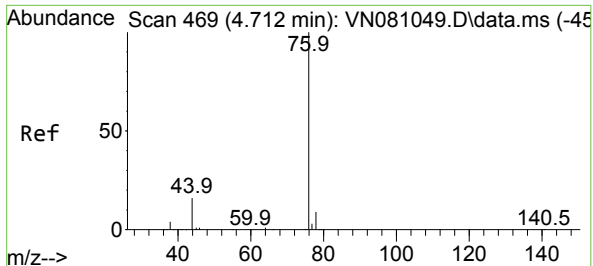
Tgt Ion: 53 Resp: 563
Ion Ratio Lower Upper
53 100
52 24.9 64.8 97.2#
51 0.0 26.9 40.3#



#16
Acetone
Concen: 38.626 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

Tgt Ion: 43 Resp: 62380
Ion Ratio Lower Upper
43 100
58 29.4 24.8 37.2

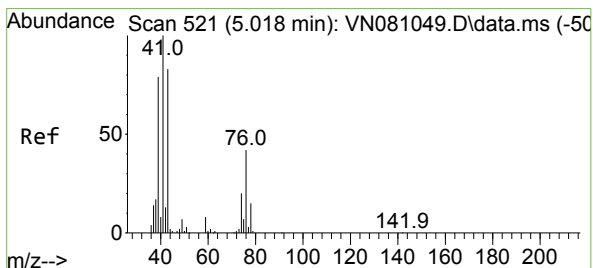
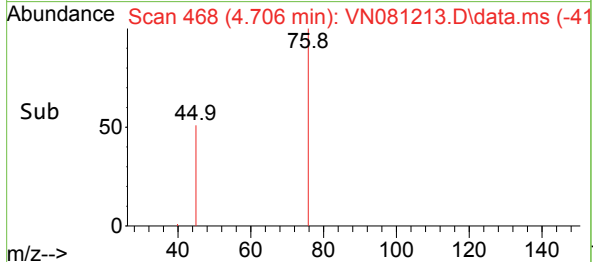
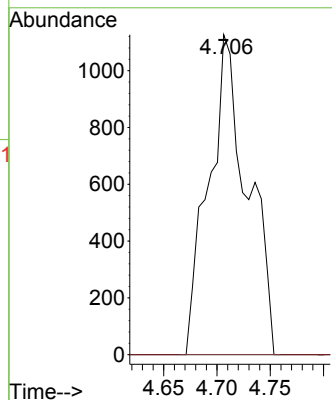
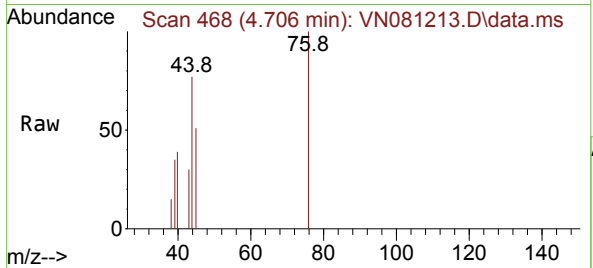




#17
Carbon Disulfide
Concen: 0.270 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

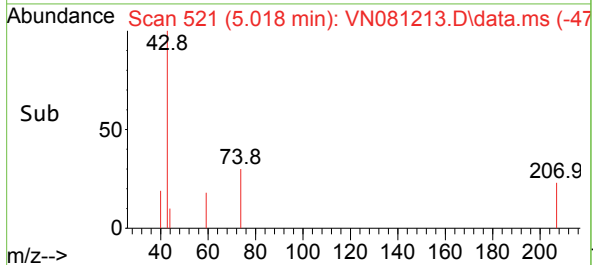
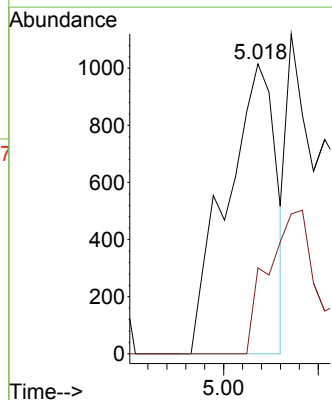
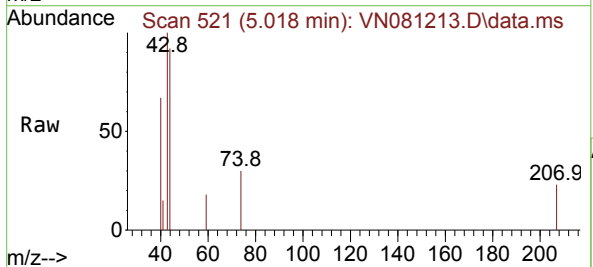
Instrument :
MSVOA_N
ClientSampleId :
PB159267TB

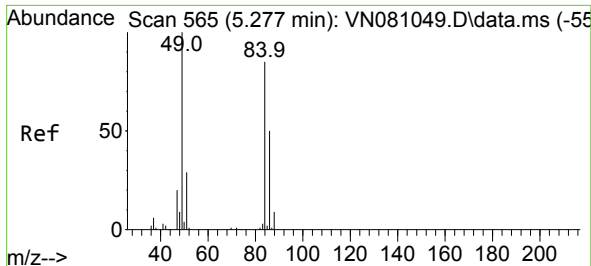
Tgt Ion: 76 Resp: 2852
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#18
Methyl Acetate
Concen: 0.468 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

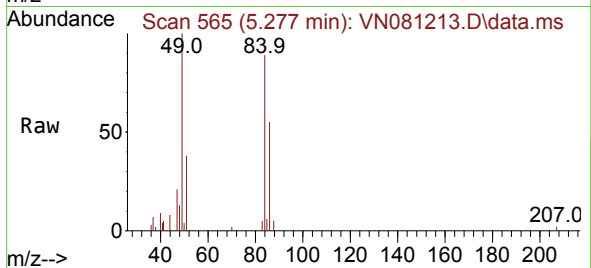
Tgt Ion: 43 Resp: 1842
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



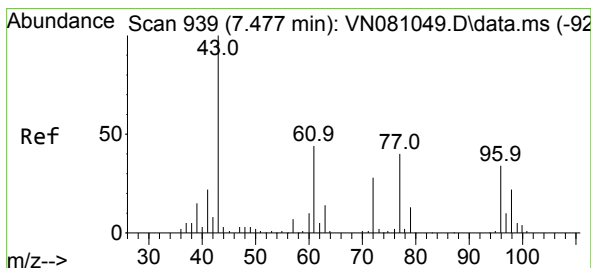
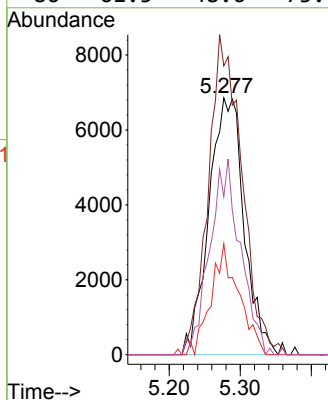
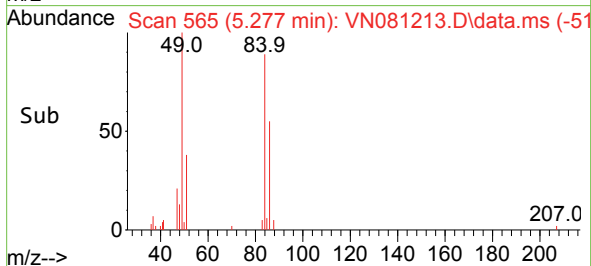


#20
Methylene Chloride
Concen: 4.795 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
PB159267TB

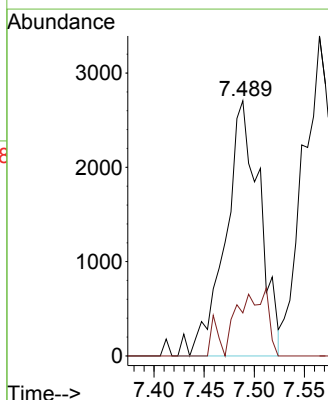
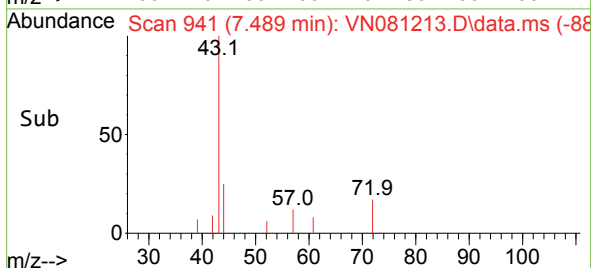
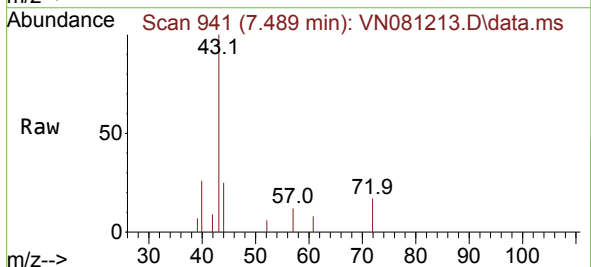


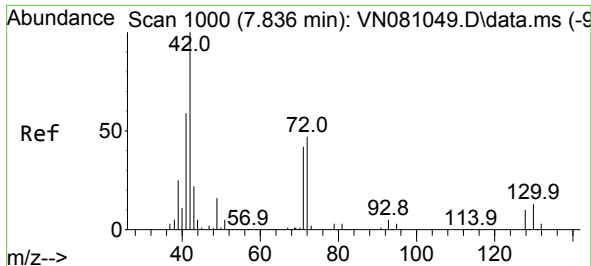
Tgt Ion:	84	Resp:	23546
Ion	Ratio	Lower	Upper
84	100		
49	112.5	108.1	162.1
51	43.2	32.9	49.3
86	61.5	48.6	73.0



#25
2-Butanone
Concen: 2.479 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

Tgt Ion:	43	Resp:	6469
Ion	Ratio	Lower	Upper
43	100		
72	16.9	19.5	29.3#





#29

Tetrahydrofuran

Concen: 3.048 ug/l

RT: 7.847 min Scan# 1066

Delta R.T. 0.012 min

Lab File: VN081213.D

Acq: 27 Feb 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

PB159267TB

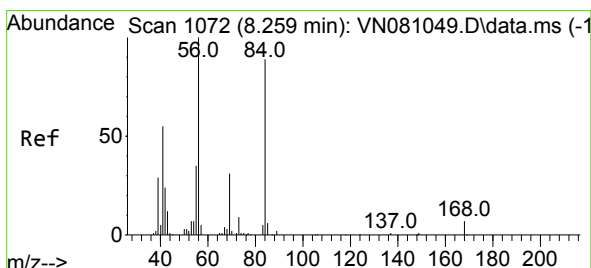
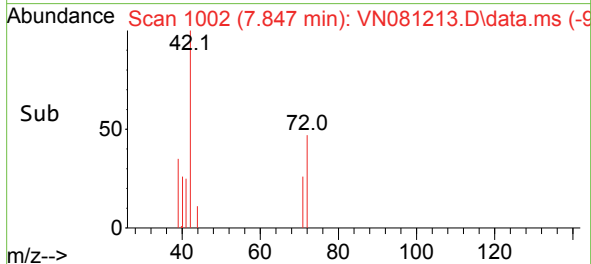
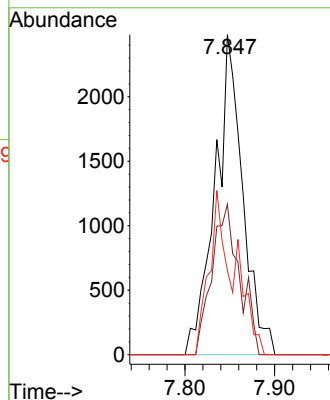
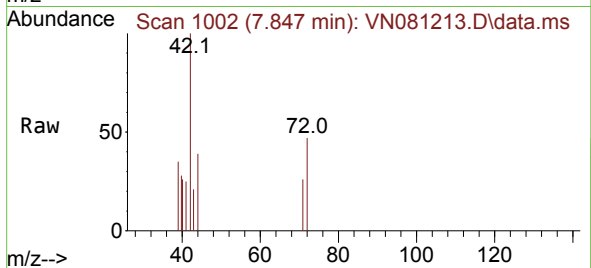
Tgt Ion: 42 Resp: 5309

Ion Ratio Lower Upper

42 100

72 47.1 31.1 46.7#

71 32.4 28.3 42.5



#31

Cyclohexane

Concen: 1.375 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN081213.D

Acq: 27 Feb 2024 12:46

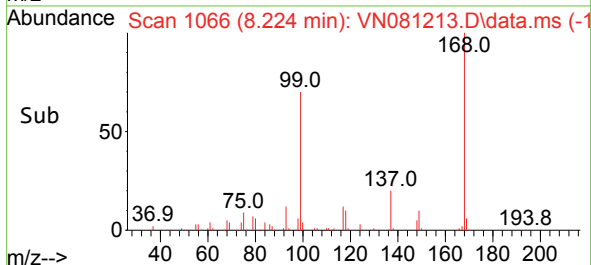
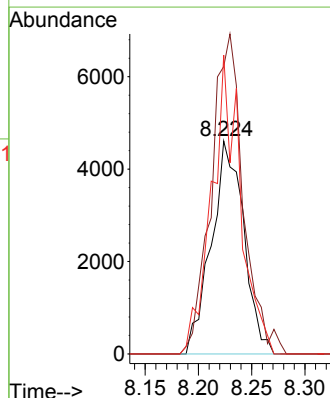
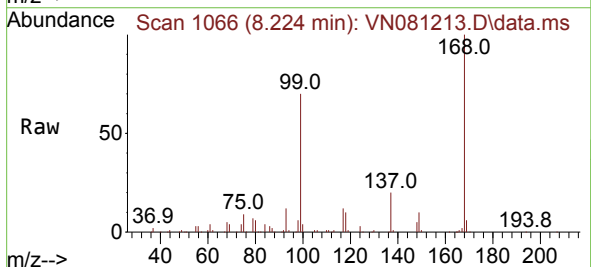
Tgt Ion: 56 Resp: 9746

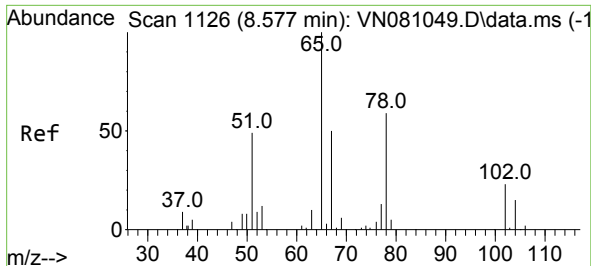
Ion Ratio Lower Upper

56 100

69 134.9 20.1 30.1#

84 140.4 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 55.116 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081213.D

Acq: 27 Feb 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

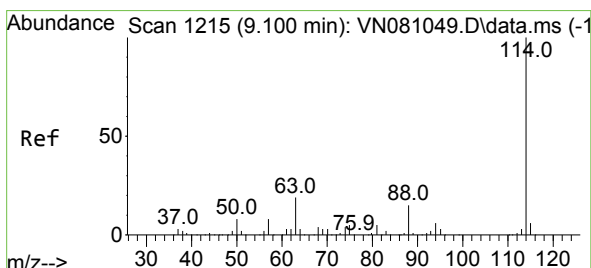
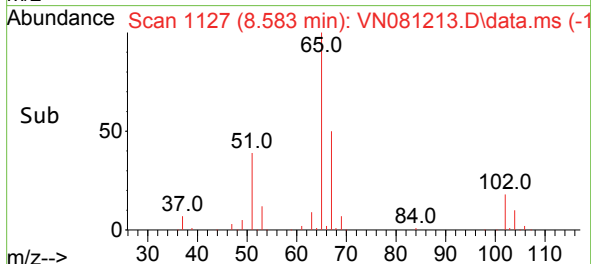
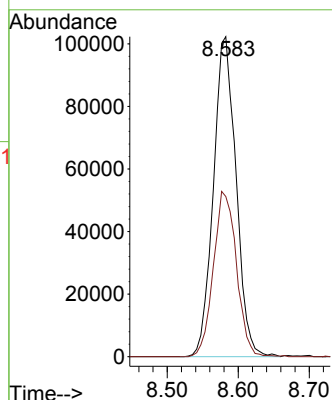
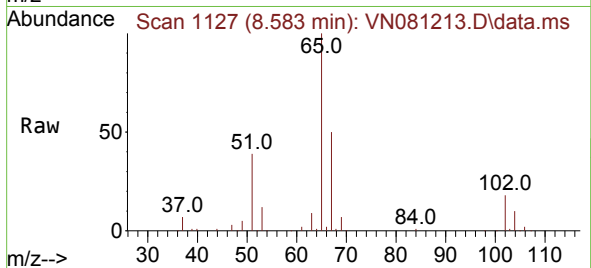
PB159267TB

Tgt Ion: 65 Resp: 226218

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081213.D

Acq: 27 Feb 2024 12:46

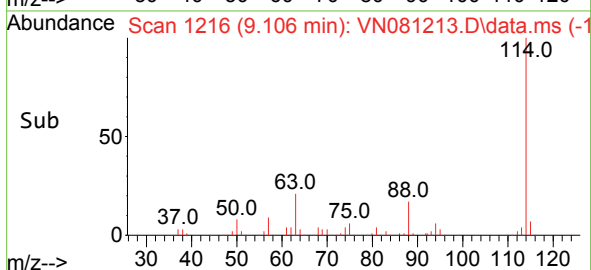
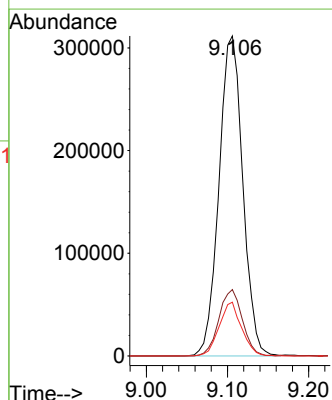
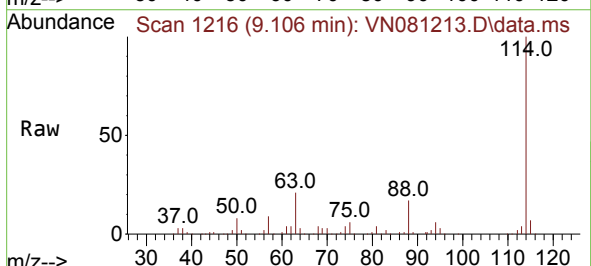
Tgt Ion: 114 Resp: 635651

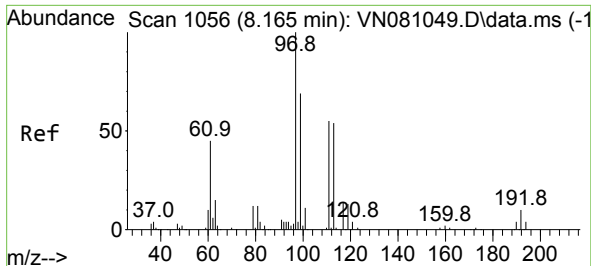
Ion Ratio Lower Upper

114 100

63 20.8 0.0 48.0

88 16.8 0.0 34.8

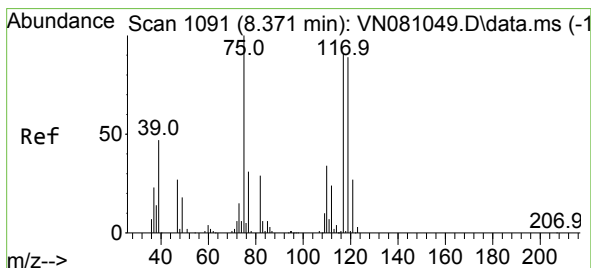
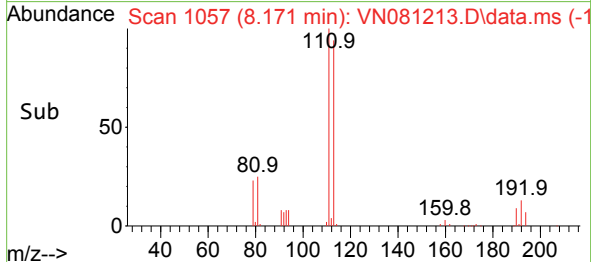
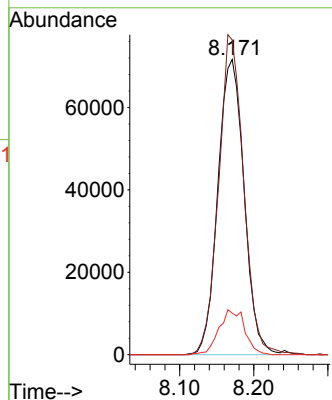
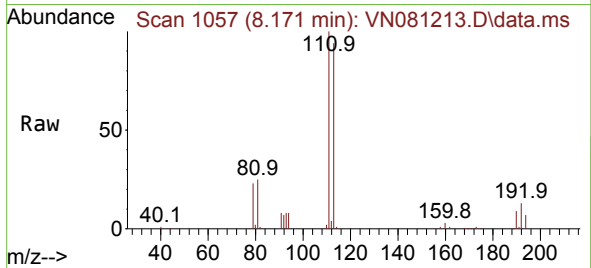




#35
Dibromofluoromethane
Concen: 48.940 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

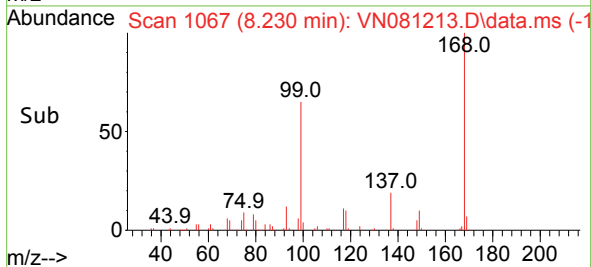
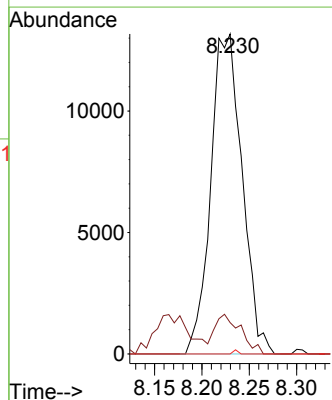
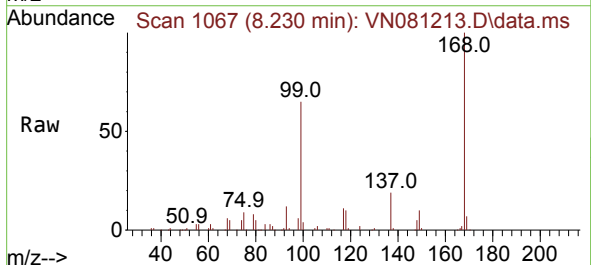
Instrument :
MSVOA_N
ClientSampleId :
PB159267TB

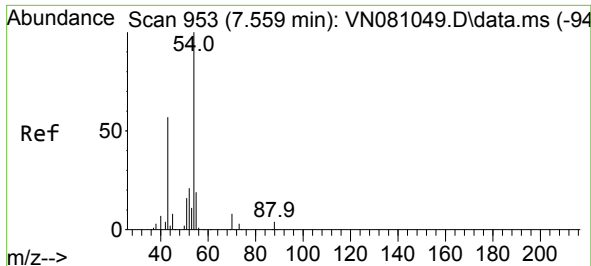
Tgt Ion:113 Resp: 175911
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 15.0 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.923 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

Tgt Ion: 75 Resp: 30313
Ion Ratio Lower Upper
75 100
110 10.2 16.0 48.0#
77 0.2 25.8 38.6#





#37

Ethyl Acetate

Concen: 1.436 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN081213.D

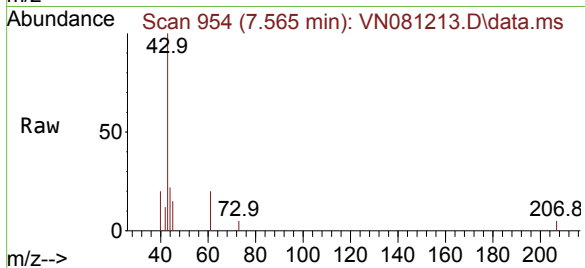
Acq: 27 Feb 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

PB159267TB



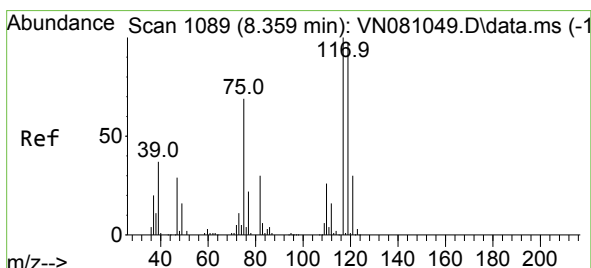
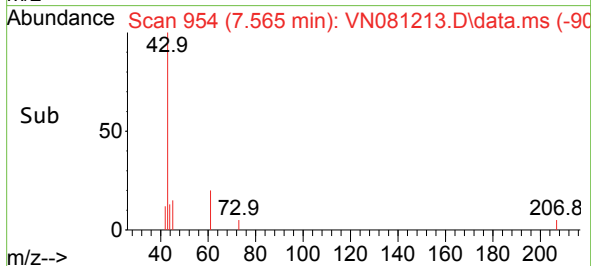
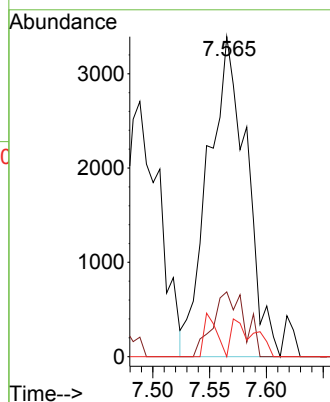
Tgt Ion: 43 Resp: 7982

Ion Ratio Lower Upper

43 100

61 16.8 10.6 15.8#

70 7.1 8.0 12.0#



#38

Carbon Tetrachloride

Concen: 6.522 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN081213.D

Acq: 27 Feb 2024 12:46

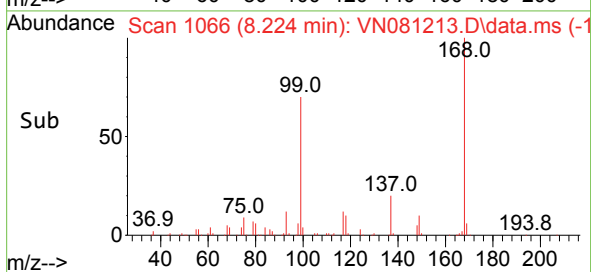
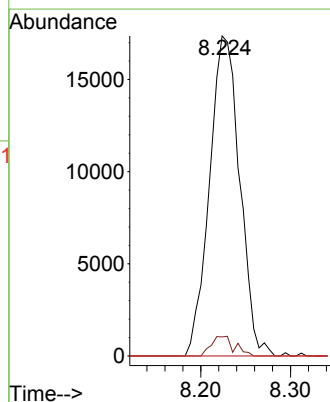
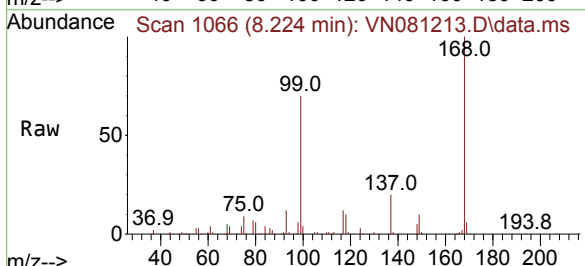
Tgt Ion: 117 Resp: 40635

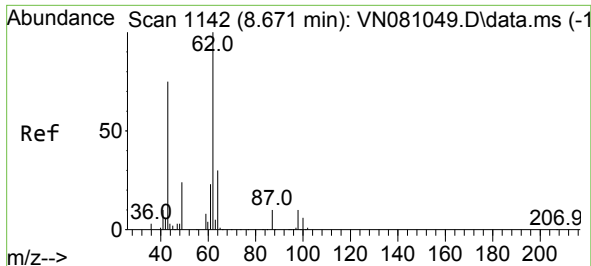
Ion Ratio Lower Upper

117 100

119 6.0 73.4 110.2#

121 0.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 0.416 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN081213.D

Acq: 27 Feb 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

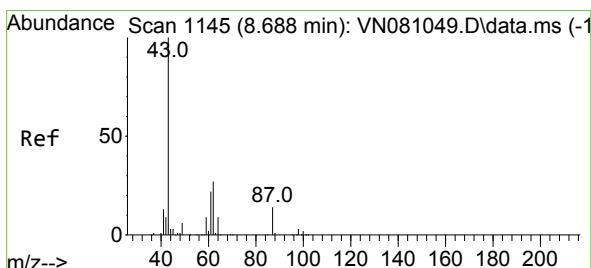
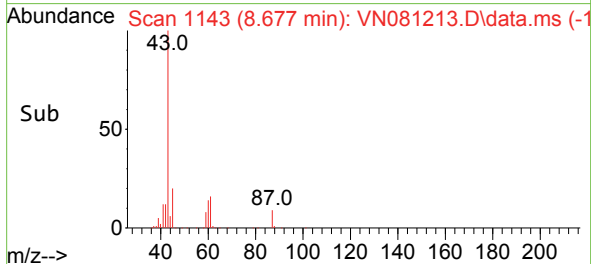
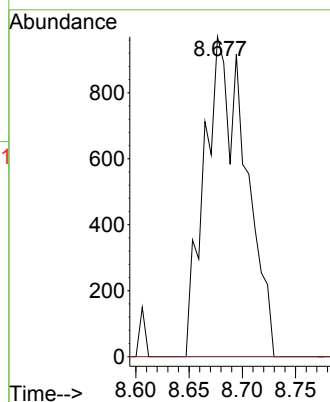
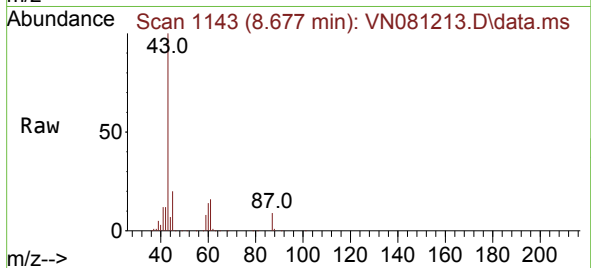
PB159267TB

Tgt Ion: 62 Resp: 2588

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#43

Isopropyl Acetate

Concen: 48.205 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN081213.D

Acq: 27 Feb 2024 12:46

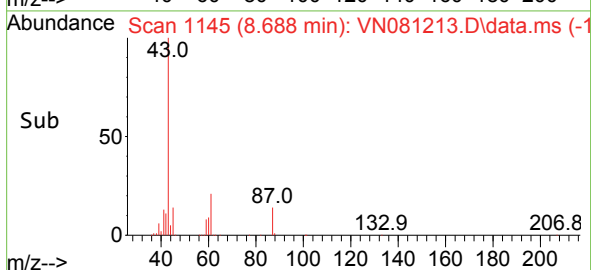
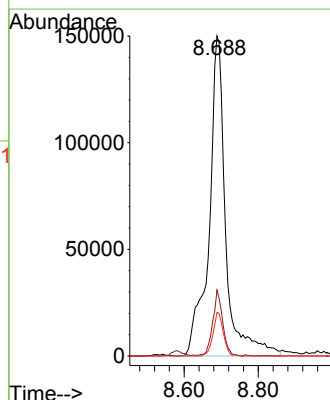
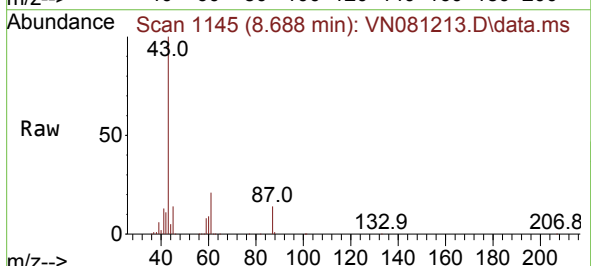
Tgt Ion: 43 Resp: 468547

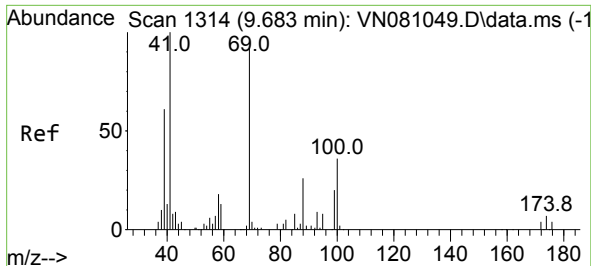
Ion Ratio Lower Upper

43 100

61 12.3 19.9 29.9#

87 8.4 9.0 13.6#

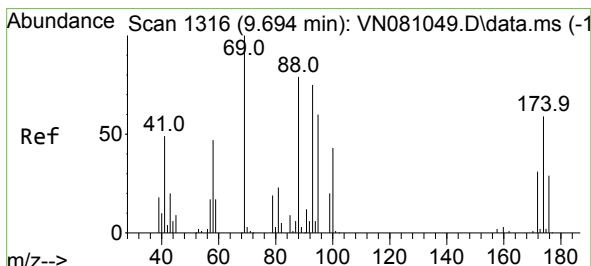
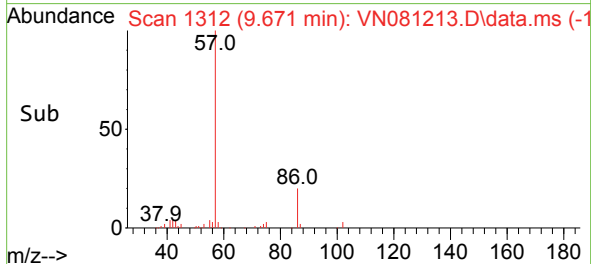
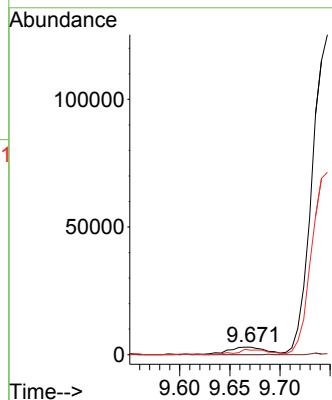
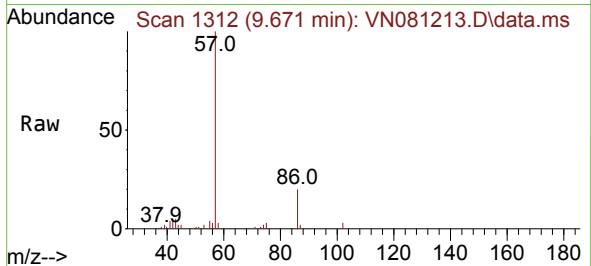




#48
Methyl methacrylate
Concen: 1.761 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.012 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

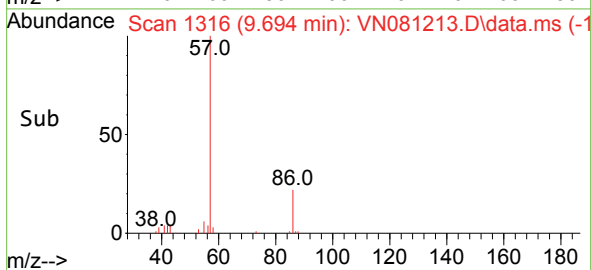
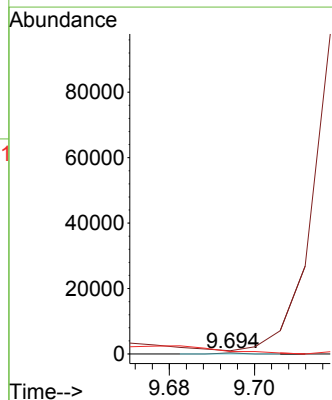
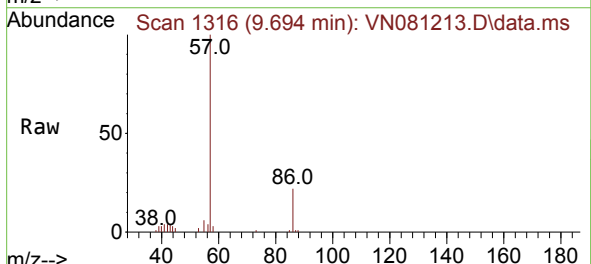
Instrument :
MSVOA_N
ClientSampleId :
PB159267TB

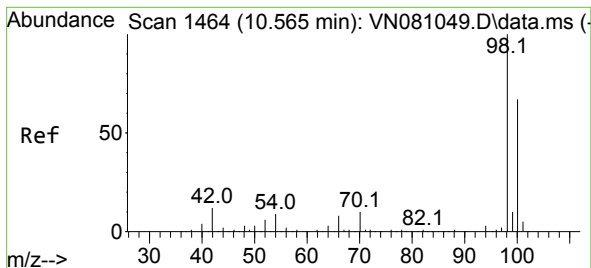
Tgt Ion: 41 Resp: 7963
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.2#
39 57.4 47.6 71.4



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

Tgt Ion: 88 Resp: 109
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1#
58 5456.0 63.9 95.9#





#50

Toluene-d8

Concen: 55.119 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081213.D

Acq: 27 Feb 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

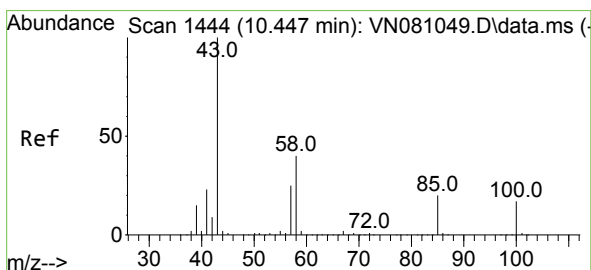
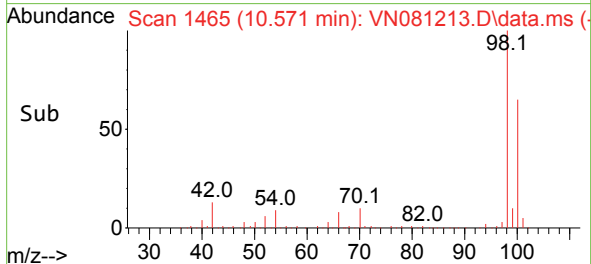
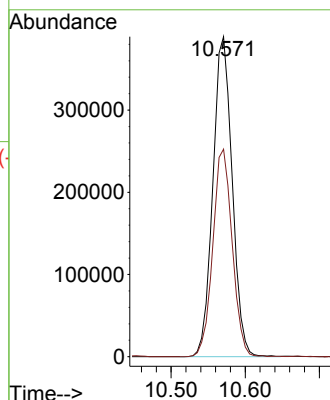
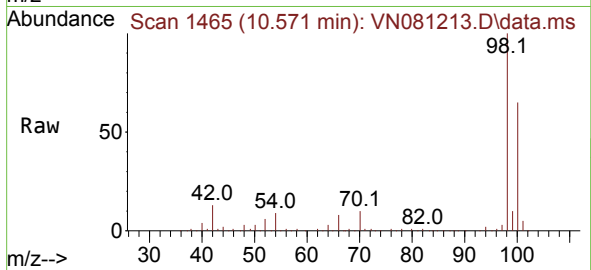
PB159267TB

Tgt Ion: 98 Resp: 703669

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 3.826 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN081213.D

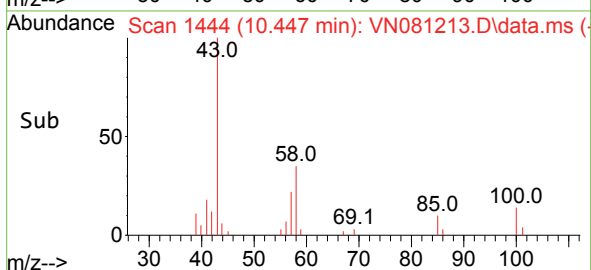
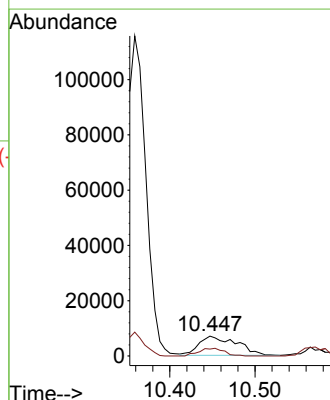
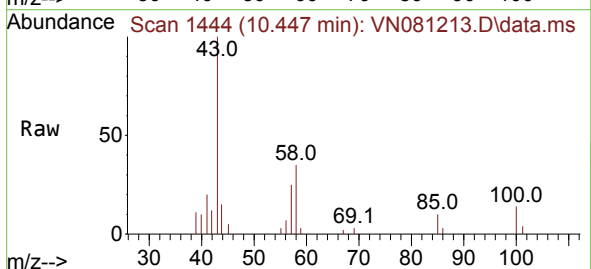
Acq: 27 Feb 2024 12:46

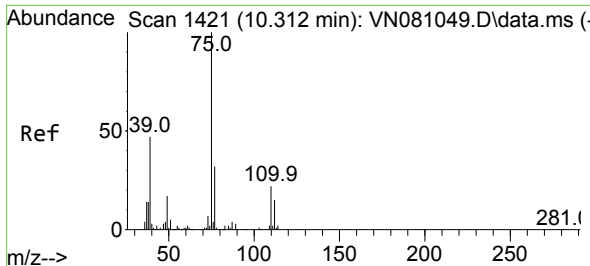
Tgt Ion: 43 Resp: 21391

Ion Ratio Lower Upper

43 100

58 26.8 29.4 44.0#

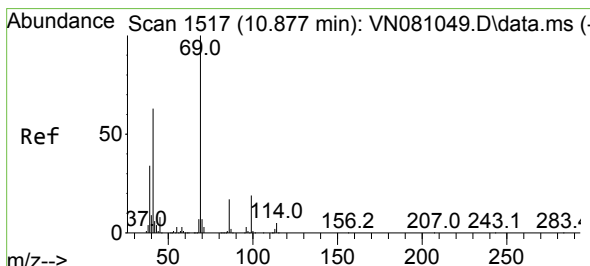
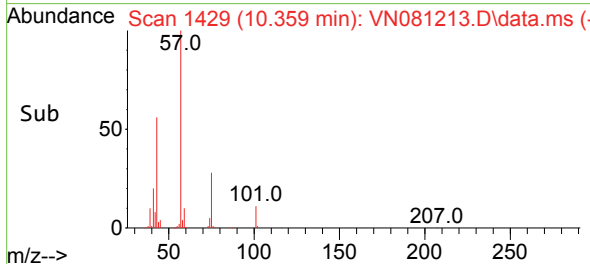
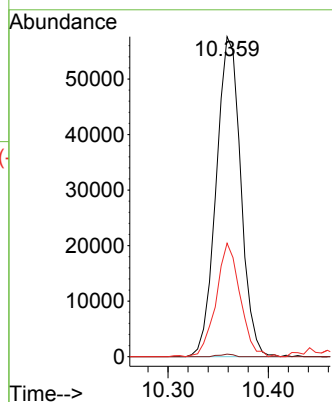
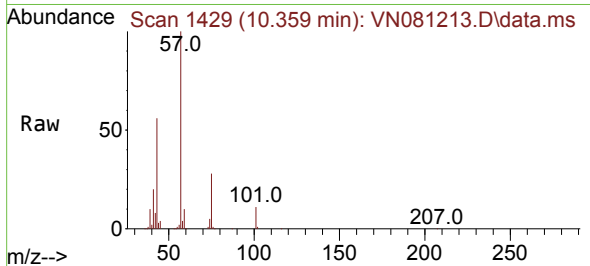




#54
cis-1,3-Dichloropropene
Concen: 13.263 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

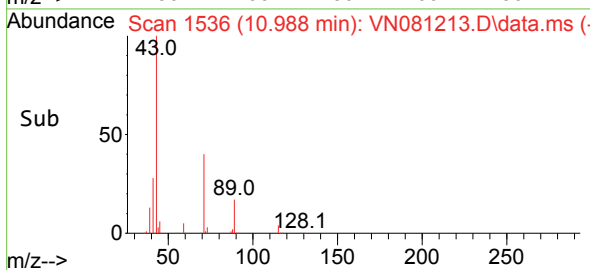
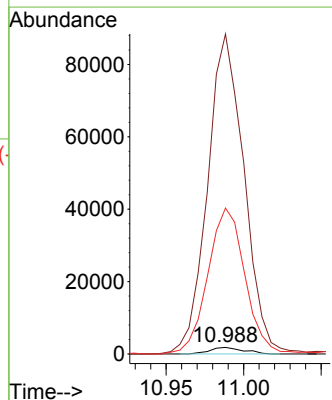
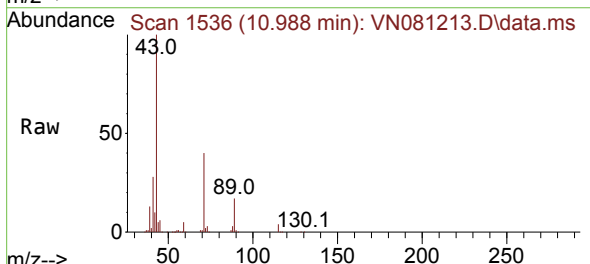
Instrument :
MSVOA_N
ClientSampleId :
PB159267TB

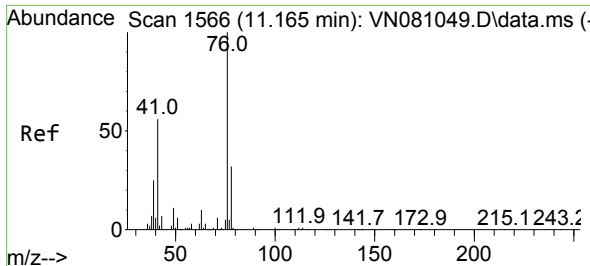
Tgt Ion: 75 Resp: 97973
Ion Ratio Lower Upper
75 100
77 0.8 23.3 34.9#
39 35.5 44.6 66.8#



#56
Ethyl methacrylate
Concen: 0.414 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

Tgt Ion: 69 Resp: 2748
Ion Ratio Lower Upper
69 100
41 5281.1 61.0 91.6#
39 2453.3 31.8 47.6#





#57

1,3-Dichloropropane

Concen: 1.630 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.041 min

Lab File: VN081213.D

Acq: 27 Feb 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

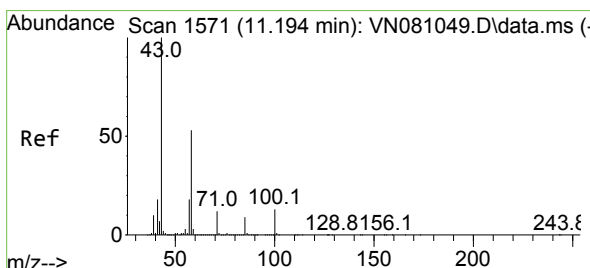
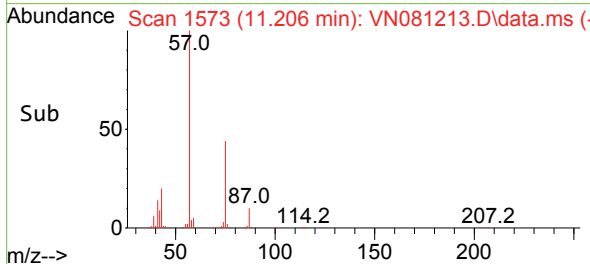
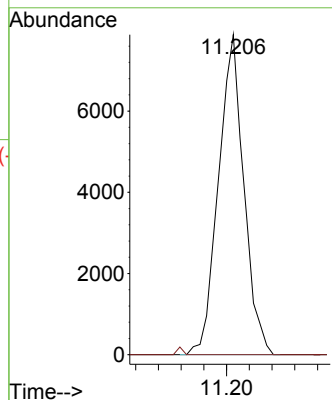
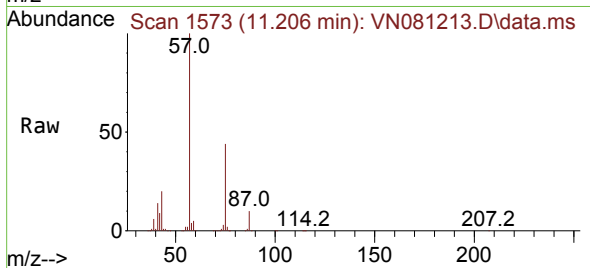
PB159267TB

Tgt Ion: 76 Resp: 12229

Ion Ratio Lower Upper

76 100

78 0.0 25.5 38.3#



#59

2-Hexanone

Concen: 56.855 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.024 min

Lab File: VN081213.D

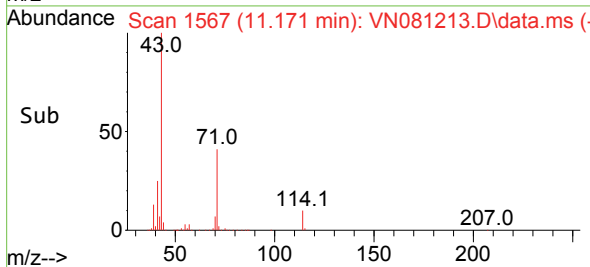
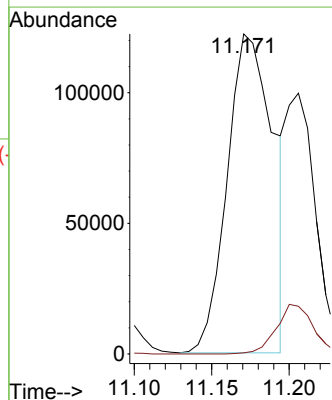
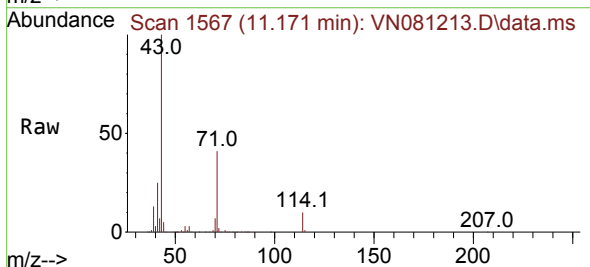
Acq: 27 Feb 2024 12:46

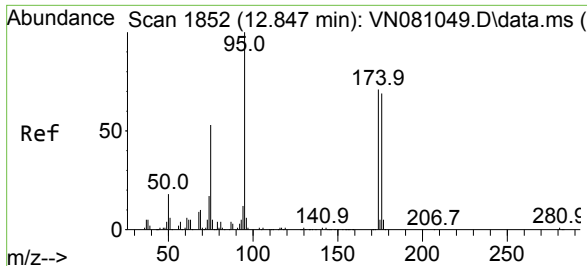
Tgt Ion: 43 Resp: 252030

Ion Ratio Lower Upper

43 100

58 0.0 25.9 77.8#

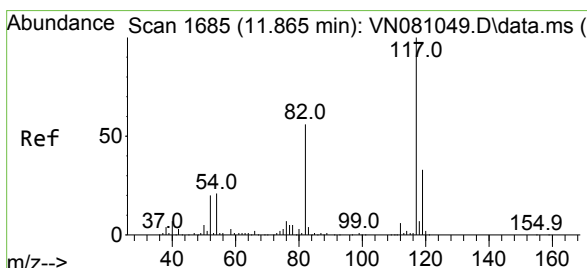
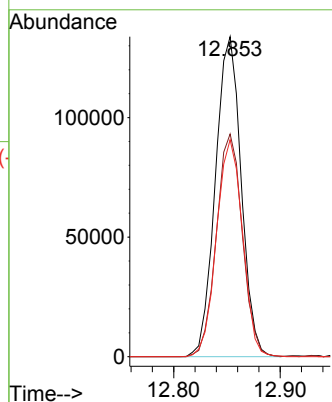
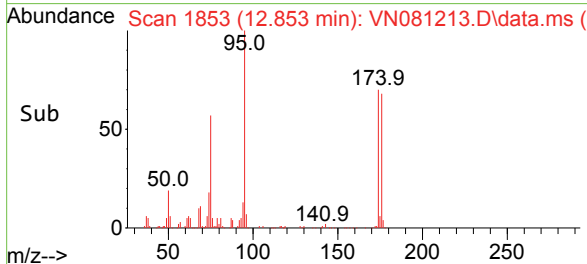
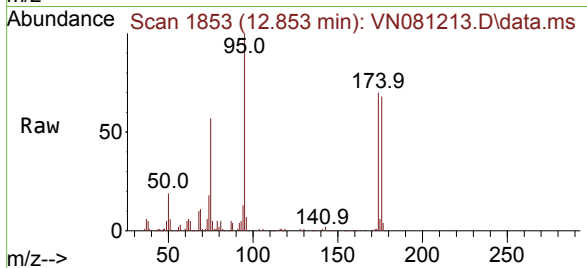




#62
4-Bromofluorobenzene
Concen: 46.852 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

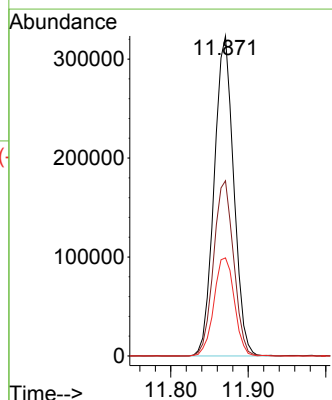
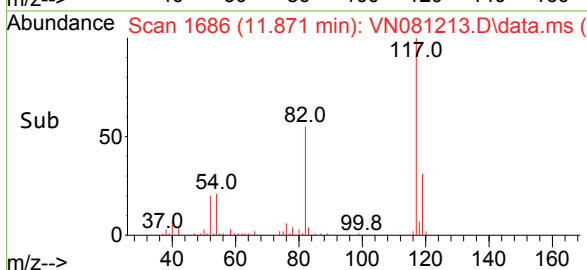
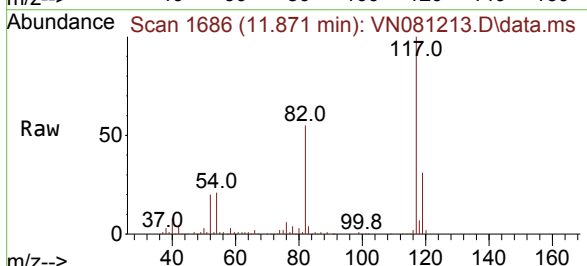
Instrument :
MSVOA_N
ClientSampleId :
PB159267TB

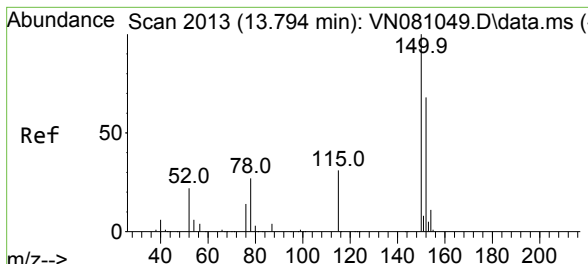
Tgt Ion: 95 Resp: 224750
Ion Ratio Lower Upper
95 100
174 70.1 0.0 120.4
176 68.4 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

Tgt Ion: 117 Resp: 567585
Ion Ratio Lower Upper
117 100
82 54.8 52.7 79.1
119 30.6 25.3 37.9

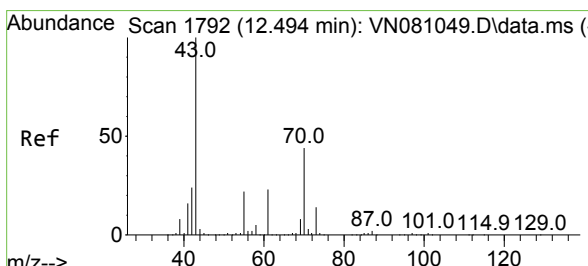
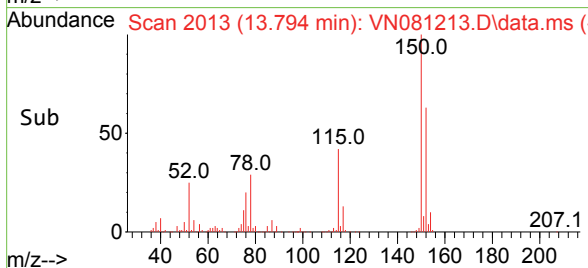
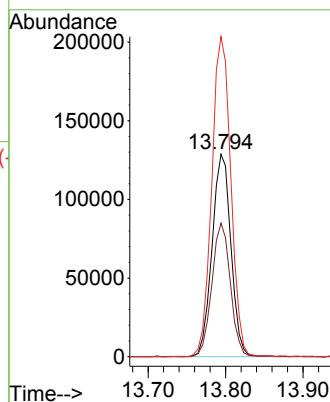
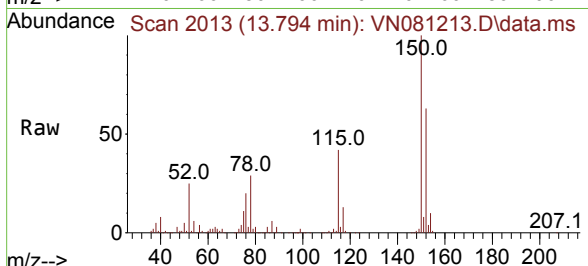




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN081213.D
 Acq: 27 Feb 2024 12:46

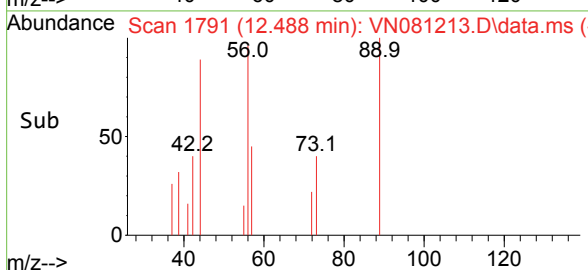
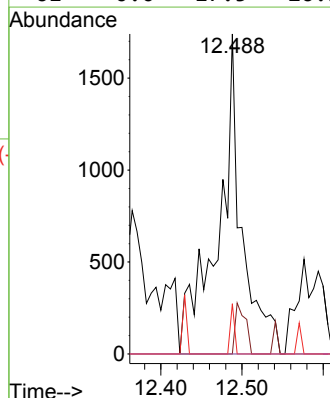
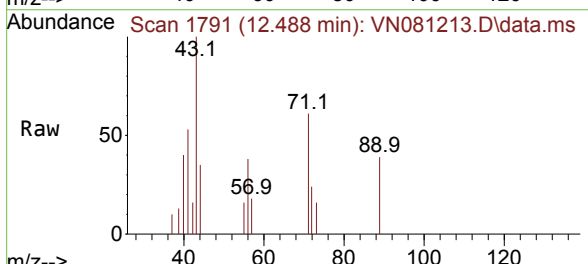
Instrument :
 MSVOA_N
 ClientSampleId :
 PB159267TB

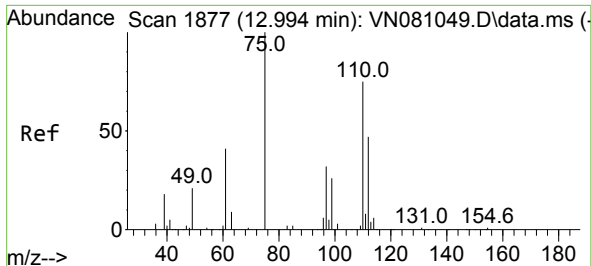
Tgt Ion:152 Resp: 217182
 Ion Ratio Lower Upper
 152 100
 115 64.7 32.3 96.8
 150 160.1 0.0 339.8



#74
 N-ethyl acetate
 Concen: 0.440 ug/l
 RT: 12.488 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VN081213.D
 Acq: 27 Feb 2024 12:46

Tgt Ion: 43 Resp: 3532
 Ion Ratio Lower Upper
 43 100
 70 6.7 30.1 45.1#
 55 2.7 17.0 25.4#
 61 0.0 17.5 26.3#

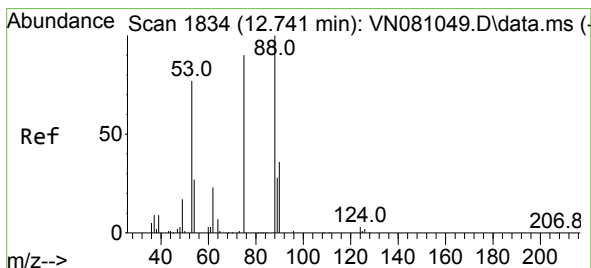
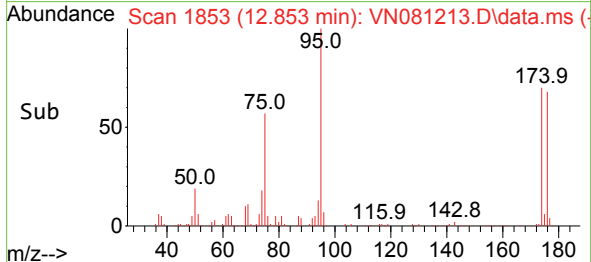
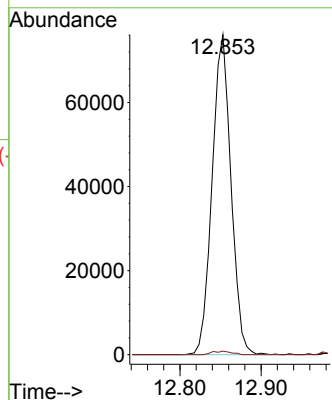
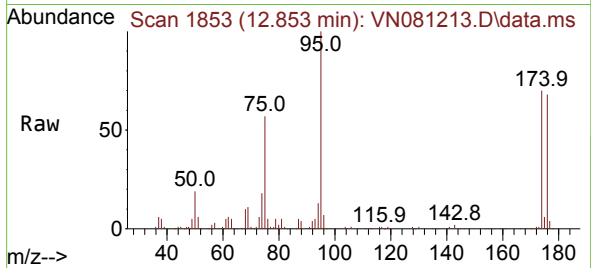




#76
1,2,3-Trichloropropane
Concen: 24.866 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

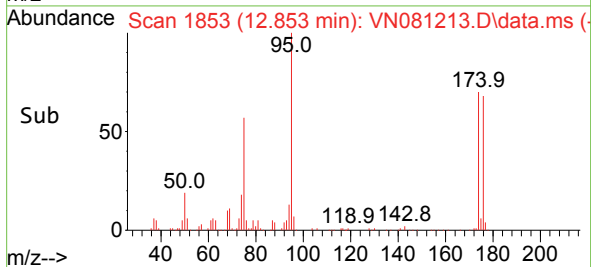
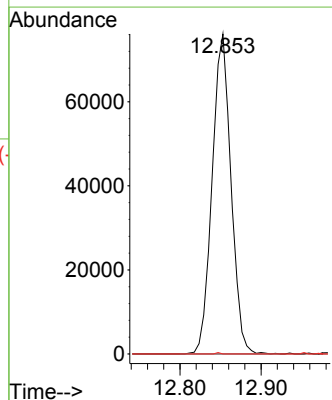
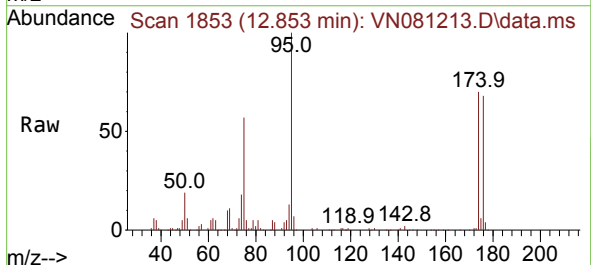
Instrument :
MSVOA_N
ClientSampleId :
PB159267TB

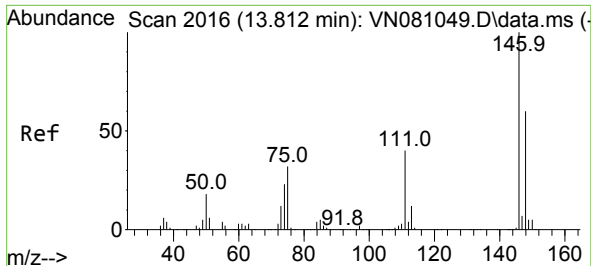
Tgt Ion: 75 Resp: 122703
Ion Ratio Lower Upper
75 100
77 1.1 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.004 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

Tgt Ion: 75 Resp: 122703
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 33.4 50.0#





#88

1,4-Dichlorobenzene

Concen: 0.227 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN081213.D

Acq: 27 Feb 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

PB159267TB

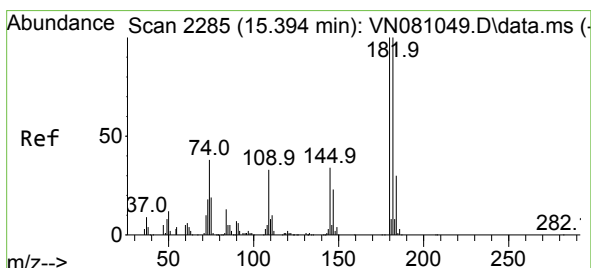
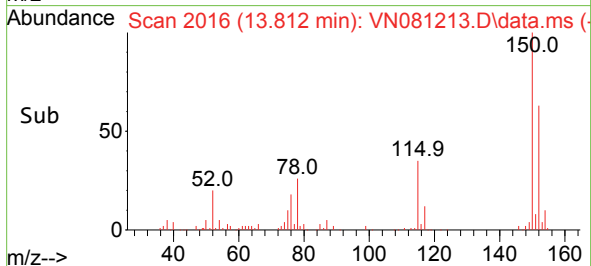
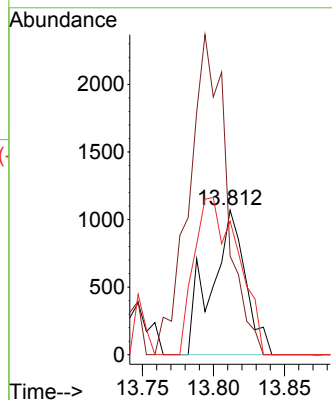
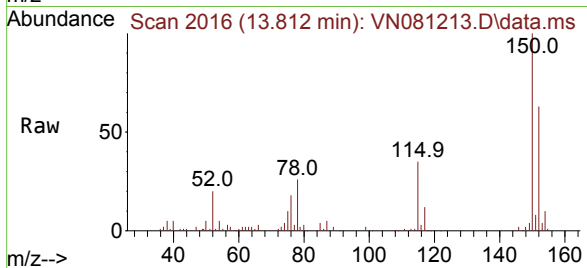
Tgt Ion:146 Resp: 1783

Ion Ratio Lower Upper

146 100

111 244.0 22.6 67.7#

148 140.7 31.9 95.5#



#93

1,2,4-Trichlorobenzene

Concen: 0.302 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.006 min

Lab File: VN081213.D

Acq: 27 Feb 2024 12:46

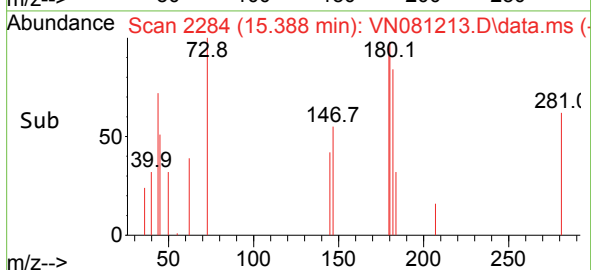
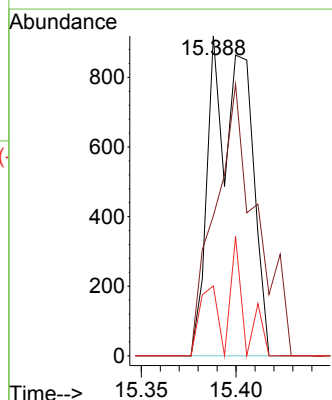
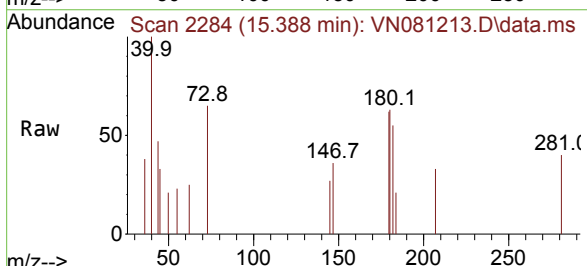
Tgt Ion:180 Resp: 1302

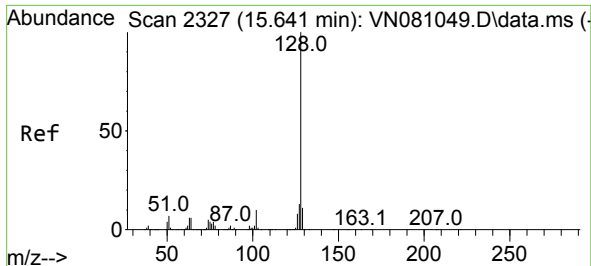
Ion Ratio Lower Upper

180 100

182 0.0 46.6 139.7#

145 10.2 16.8 50.3#

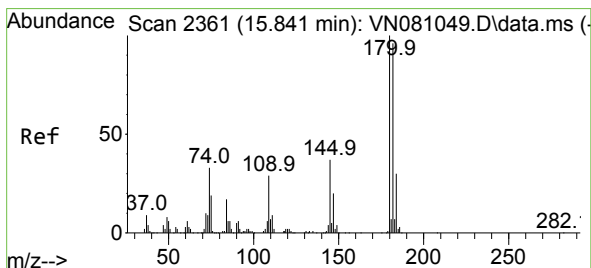
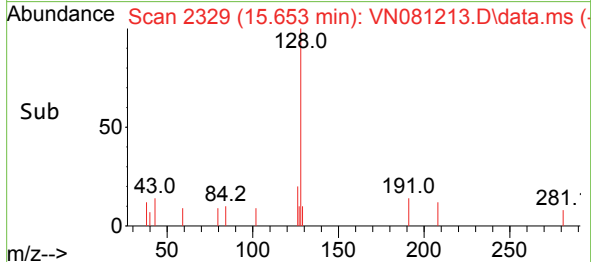
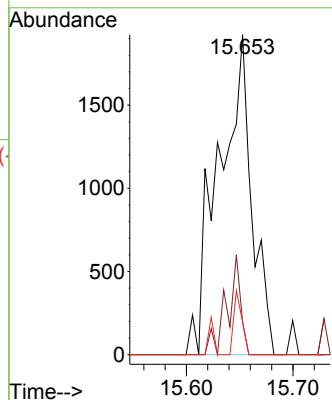
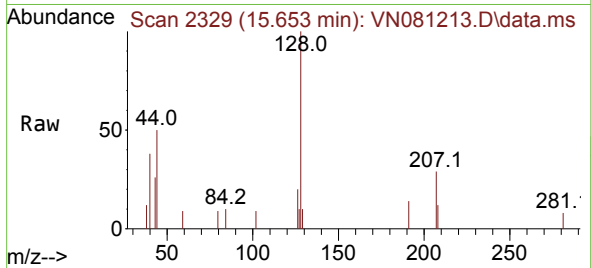




#95
Naphthalene
Concen: 0.262 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
PB159267TB

Tgt Ion:128 Resp: 4141
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 5.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.308 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081213.D
Acq: 27 Feb 2024 12:46

Tgt Ion:180 Resp: 1317
Ion Ratio Lower Upper
180 100
182 74.6 46.5 139.3
145 21.9 17.8 53.4

