

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081173.D
 Acq On : 23 Feb 2024 20:57
 Operator : JC\MD
 Sample : P1574-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-3

Quant Time: Feb 23 22:05:49 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)

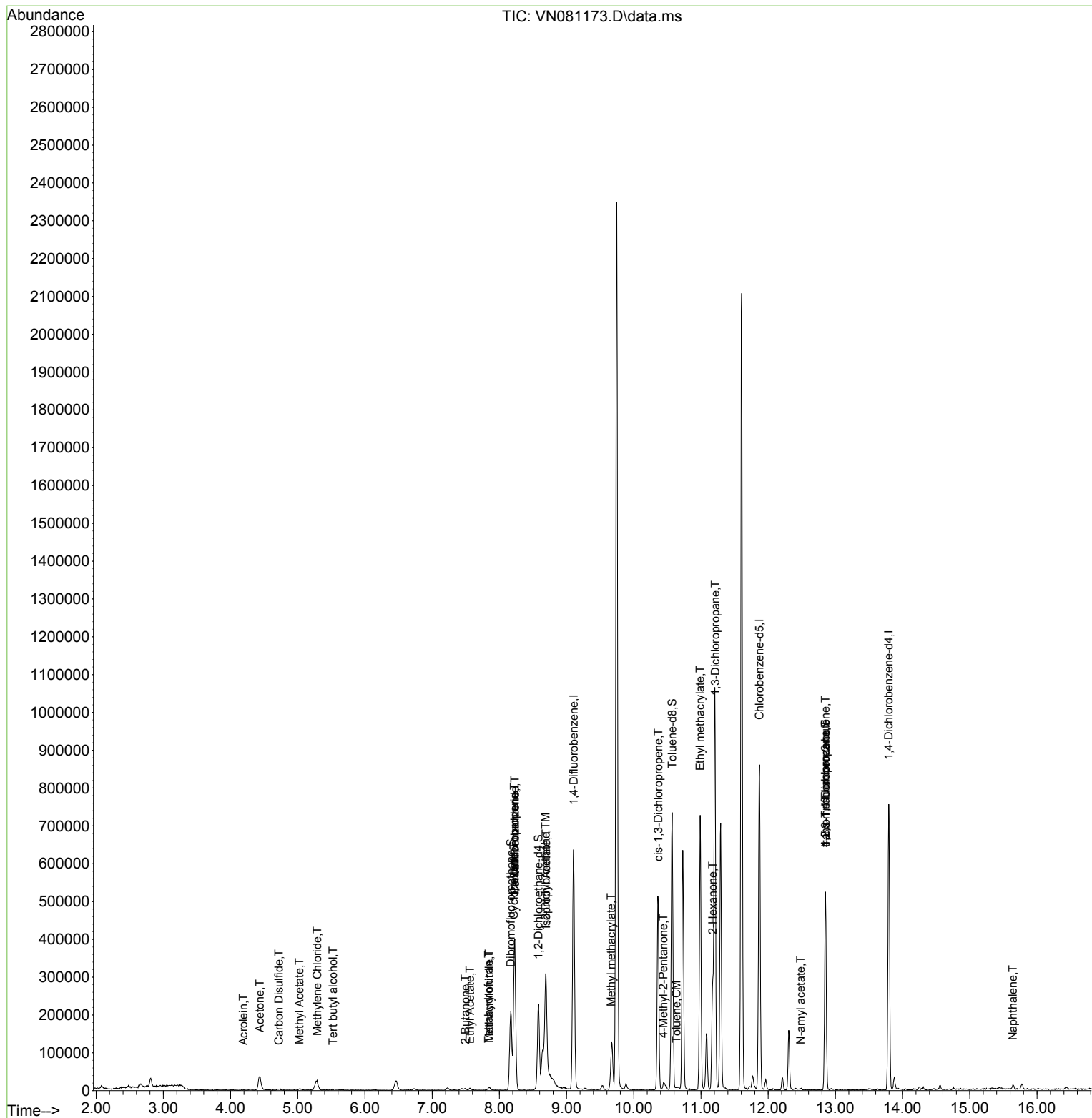
Internal Standards						
1) Pentafluorobenzene	8.230	168	274872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	547499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	500764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	178090	52.859	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.720%	
35) Dibromofluoromethane	8.171	113	148114	47.841	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.680%	
50) Toluene-d8	10.571	98	487938	44.374	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 88.740%	
62) 4-Bromofluorobenzene	12.853	95	181428	43.911	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1114	Below Cal	#	62
6) Chloroethane	3.124	64	327	Below Cal	#	42
11) Tert butyl alcohol	5.524	59	1190	1.921	ug/l #	72
13) Acrolein	4.189	56	778	2.343	ug/l	94
16) Acetone	4.436	43	68538	51.700	ug/l	94
17) Carbon Disulfide	4.718	76	1847	0.213	ug/l #	78
18) Methyl Acetate	5.024	43	6067	1.876	ug/l #	90
20) Methylene Chloride	5.289	84	18672	4.600	ug/l	88
25) 2-Butanone	7.494	43	7211	3.367	ug/l	95
29) Tetrahydrofuran	7.841	42	5891	4.121	ug/l #	90
31) Cyclohexane	8.218	56	7999	1.375	ug/l #	13
36) 1,1-Dichloropropene	8.224	75	25328	4.775	ug/l #	50
37) Ethyl Acetate	7.565	43	7212	1.507	ug/l #	89
38) Carbon Tetrachloride	8.230	117	30610	5.704	ug/l #	17
41) Methacrylonitrile	7.847	41	3368	1.236	ug/l #	51
42) 1,2-Dichloroethane	8.688	62	2143	0.400	ug/l #	75
43) Isopropyl Acetate	8.694	43	469416	56.070	ug/l #	80
48) Methyl methacrylate	9.665	41	8815	2.263	ug/l #	46
49) 1,4-Dioxane	9.735	88	140	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.441	43	21550	4.475	ug/l #	83
52) Toluene	10.635	92	2162	0.222	ug/l #	70
54) cis-1,3-Dichloropropene	10.365	75	95476	15.006	ug/l #	59
56) Ethyl methacrylate	10.988	69	2487	0.435	ug/l #	1
57) 1,3-Dichloropropane	11.212	76	11579	1.791	ug/l #	43
59) 2-Hexanone	11.176	43	235250	61.614	ug/l #	26
74) N-amyl acetate	12.482	43	2848	0.397	ug/l #	52
76) 1,2,3-Trichloropropane	12.853	75	97361	22.067	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	97361	56.799	ug/l #	14
95) Naphthalene	15.641	128	10569	0.749	ug/l #	95

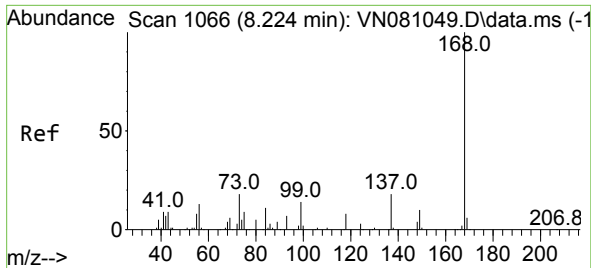
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
Data File : VN081173.D
Acq On : 23 Feb 2024 20:57
Operator : JC\MD
Sample : P1574-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB-3

Quant Time: Feb 23 22:05:49 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

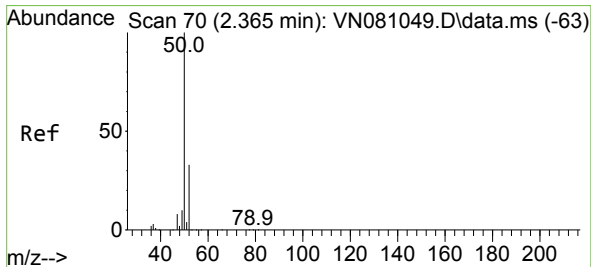
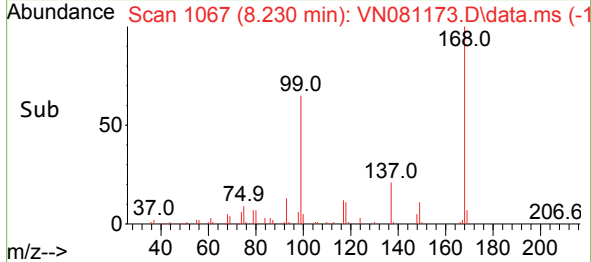
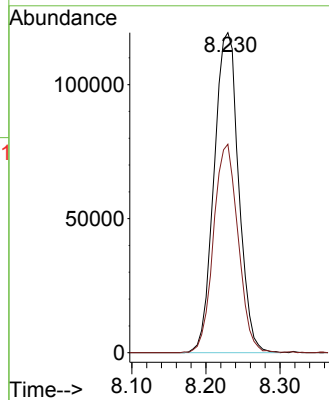
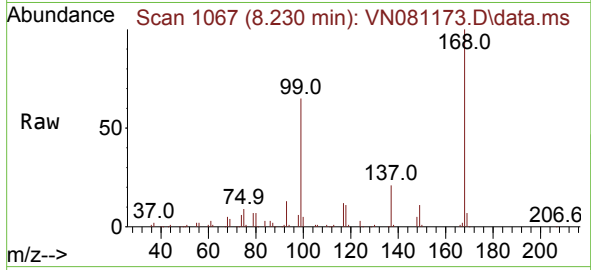




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

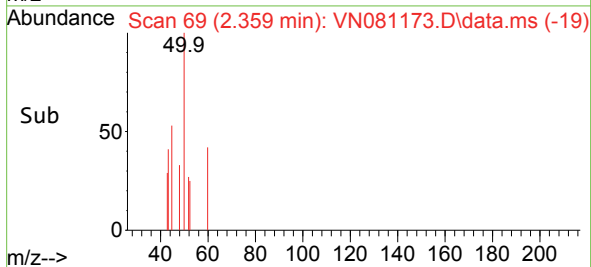
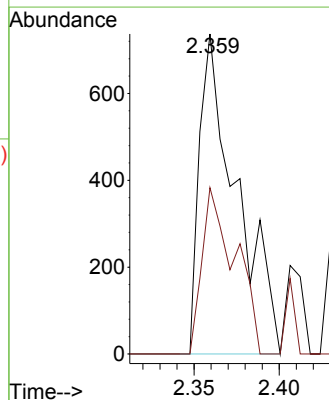
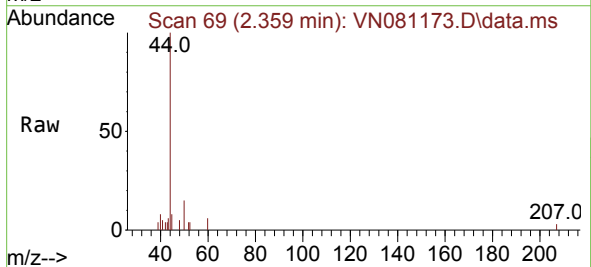
Instrument :
MSVOA_N
ClientSampleId :
SB-3

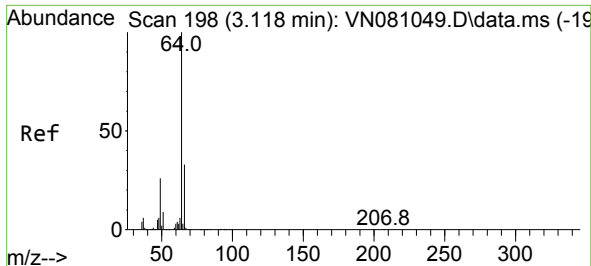
Tgt Ion:168 Resp: 274872
Ion Ratio Lower Upper
168 100
99 65.1 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

Tgt Ion: 50 Resp: 1114
Ion Ratio Lower Upper
50 100
52 52.0 25.0 37.4#

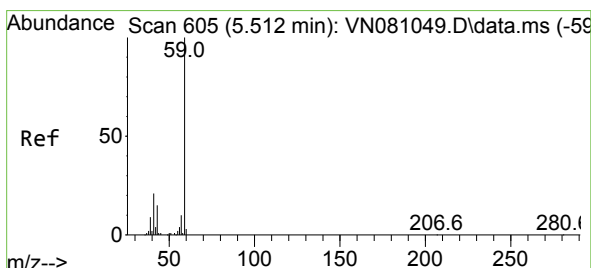
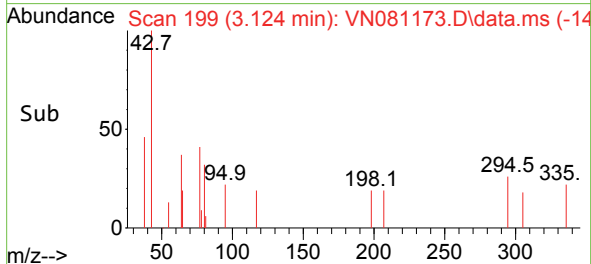
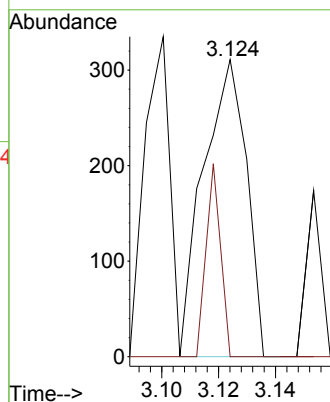
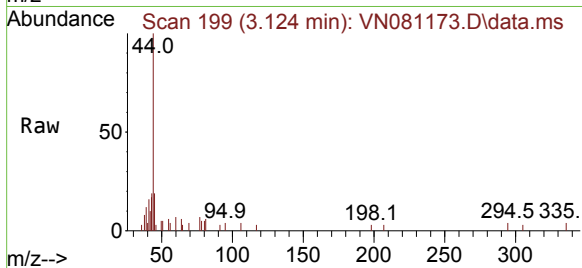




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 19
Delta R.T. 0.006 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

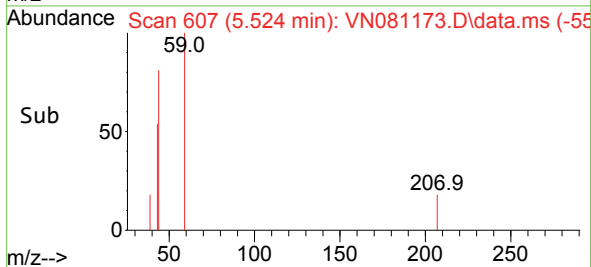
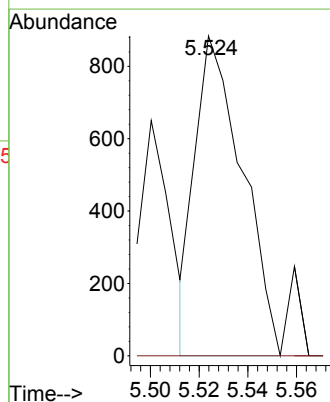
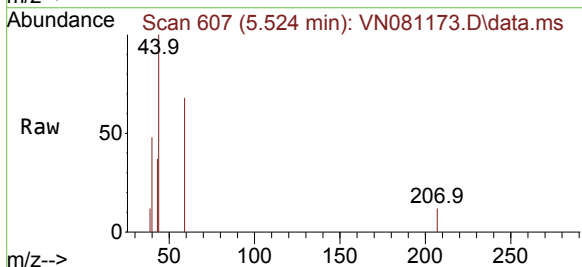
Instrument :
MSVOA_N
ClientSampleId :
SB-3

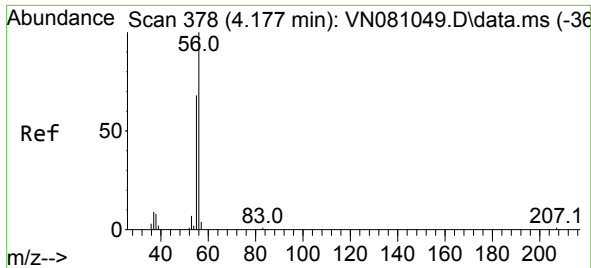
Tgt Ion: 64 Resp: 327
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 1.921 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

Tgt Ion: 59 Resp: 1190
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

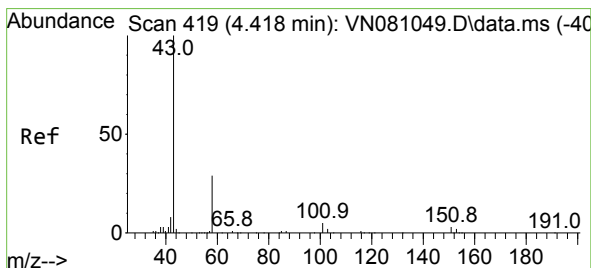
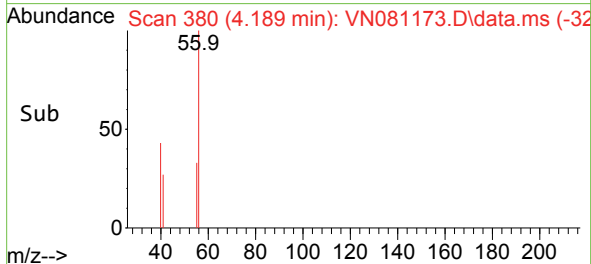
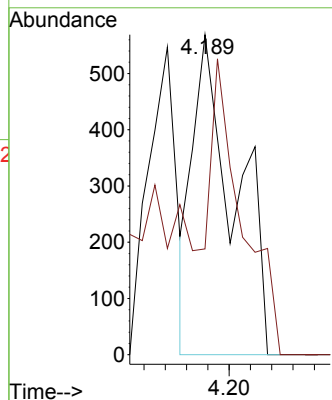
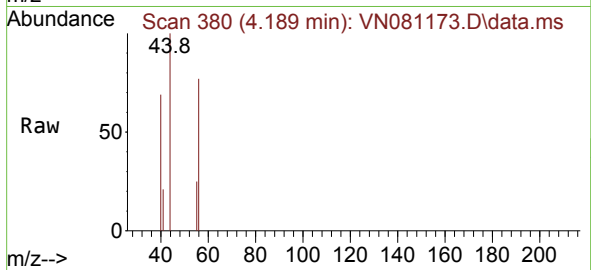




#13
Acrolein
Concen: 2.343 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

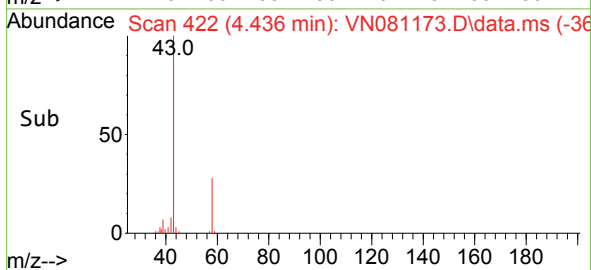
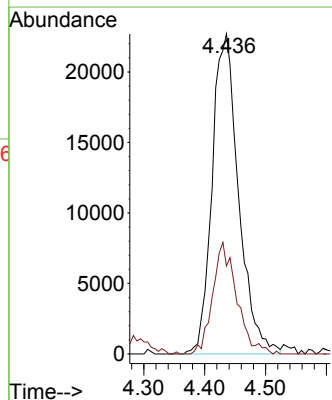
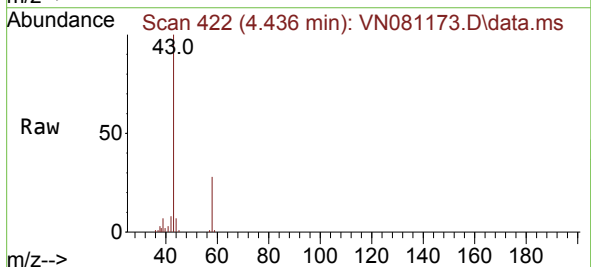
Instrument :
MSVOA_N
ClientSampleId :
SB-3

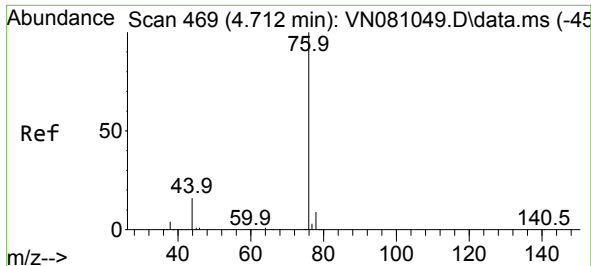
Tgt Ion: 56 Resp: 778
Ion Ratio Lower Upper
56 100
55 73.8 55.3 82.9



#16
Acetone
Concen: 51.700 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

Tgt Ion: 43 Resp: 68538
Ion Ratio Lower Upper
43 100
58 27.5 24.8 37.2

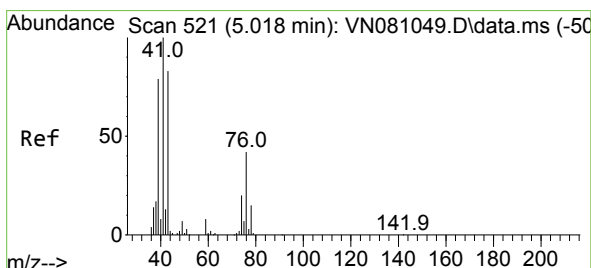
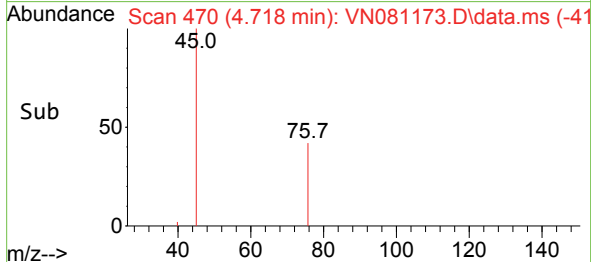
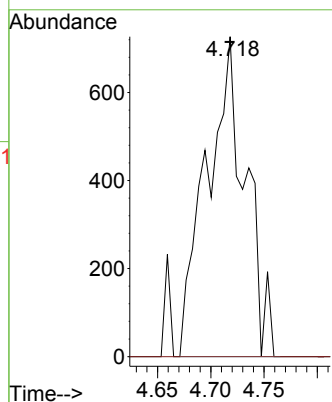
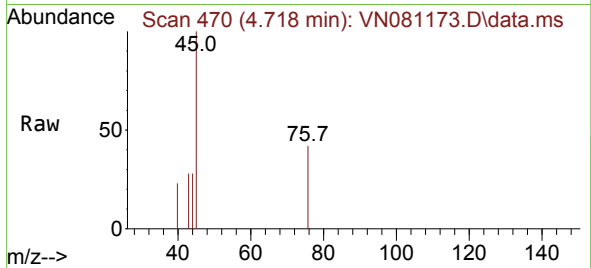




#17
Carbon Disulfide
Concen: 0.213 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

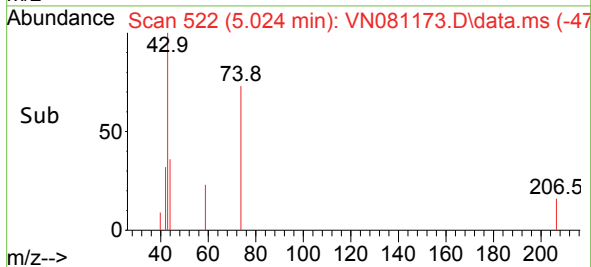
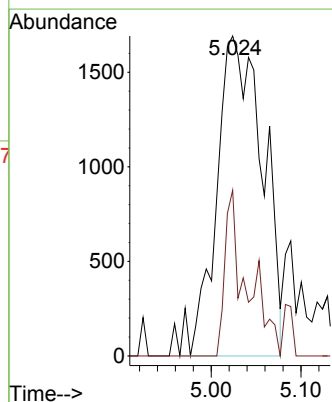
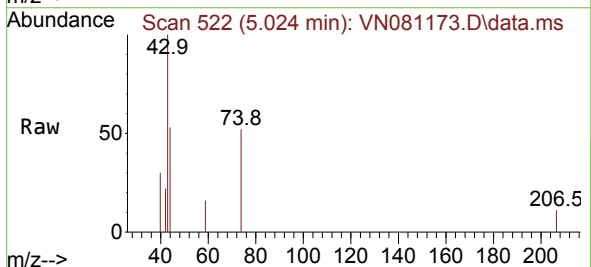
Instrument :
MSVOA_N
ClientSampleId :
SB-3

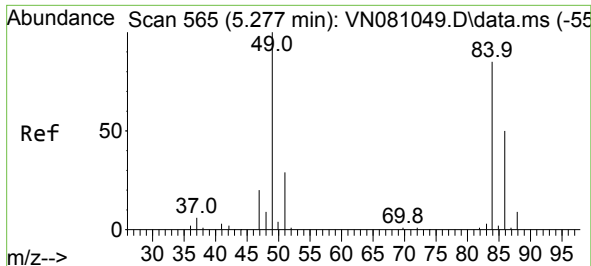
Tgt Ion: 76 Resp: 1847
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#18
Methyl Acetate
Concen: 1.876 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

Tgt Ion: 43 Resp: 6067
Ion Ratio Lower Upper
43 100
74 16.7 17.3 25.9#



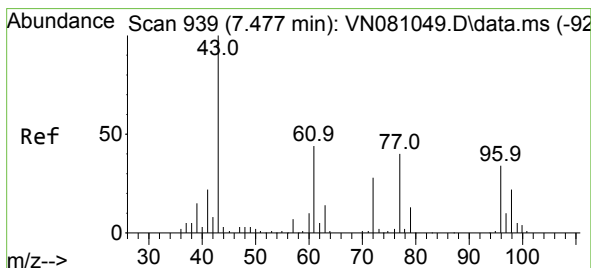
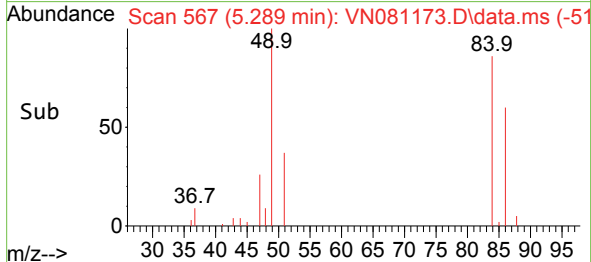
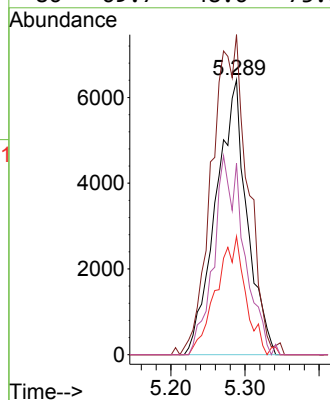
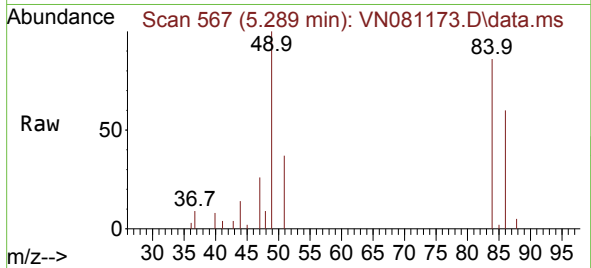


#20
Methylene Chloride
Concen: 4.600 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

Instrument :
MSVOA_N
ClientSampleId :
SB-3

Tgt Ion: 84 Resp: 18672

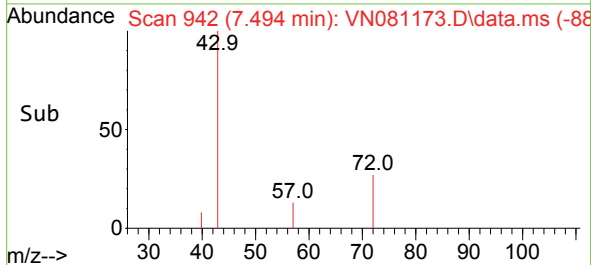
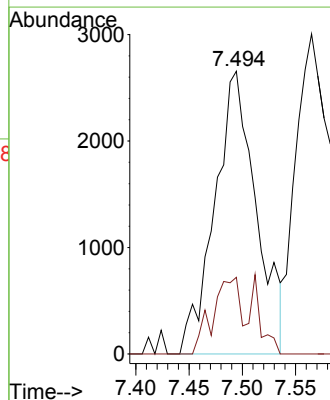
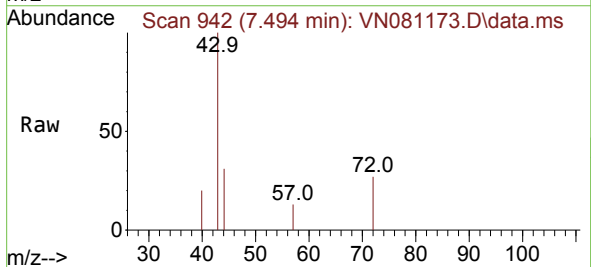
Ion	Ratio	Lower	Upper
84	100		
49	116.5	108.1	162.1
51	43.0	32.9	49.3
86	69.7	48.6	73.0

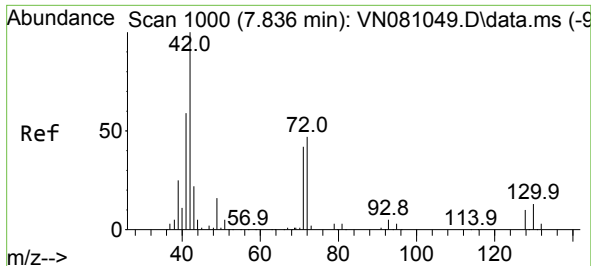


#25
2-Butanone
Concen: 3.367 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

Tgt Ion: 43 Resp: 7211

Ion	Ratio	Lower	Upper
43	100		
72	27.1	19.5	29.3

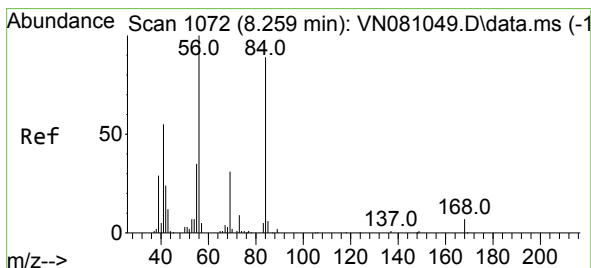
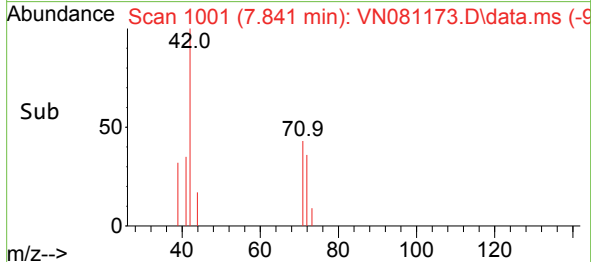
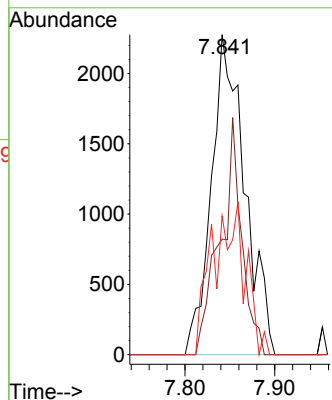
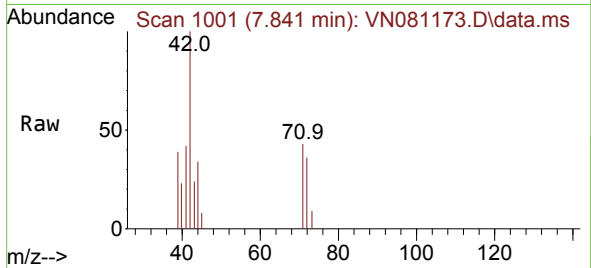




#29
Tetrahydrofuran
Concen: 4.121 ug/l
RT: 7.841 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

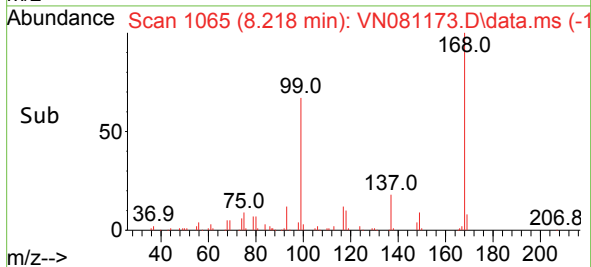
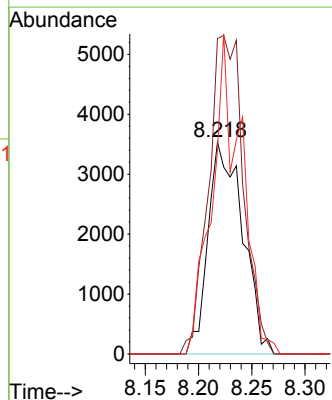
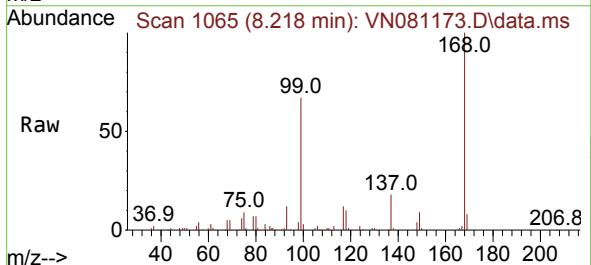
Instrument :
MSVOA_N
ClientSampleId :
SB-3

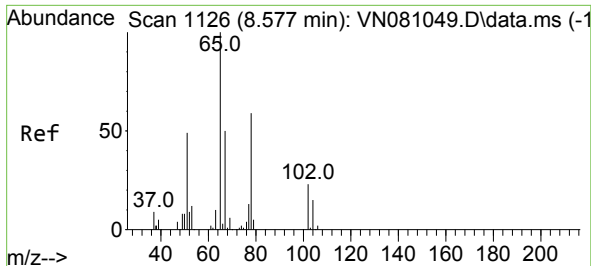
Tgt Ion:	42	Resp:	5891
Ion	Ratio	Lower	Upper
42	100		
72	47.5	31.1	46.7#
71	31.6	28.3	42.5



#31
Cyclohexane
Concen: 1.375 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

Tgt Ion:	56	Resp:	7999
Ion	Ratio	Lower	Upper
56	100		
69	148.9	20.1	30.1#
84	96.0	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 52.859 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081173.D

Acq: 23 Feb 2024 20:57

Instrument :

MSVOA_N

ClientSampleId :

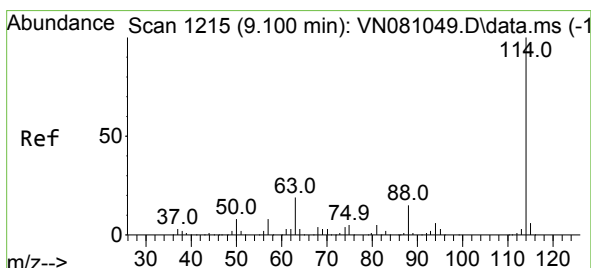
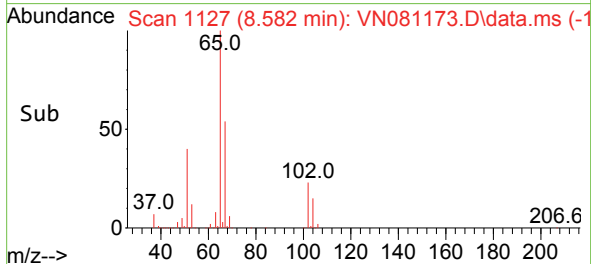
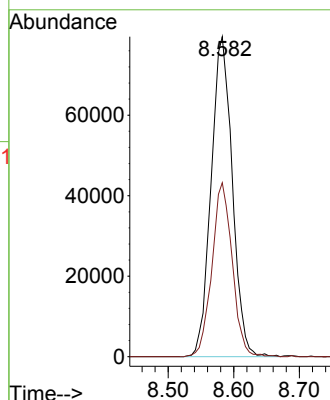
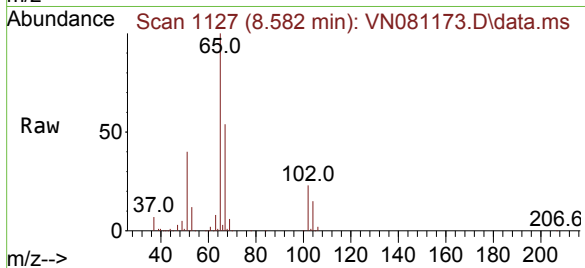
SB-3

Tgt Ion: 65 Resp: 178090

Ion Ratio Lower Upper

65 100

67 52.2 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: VN081173.D

Acq: 23 Feb 2024 20:57

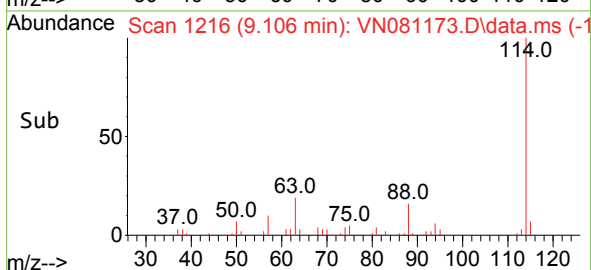
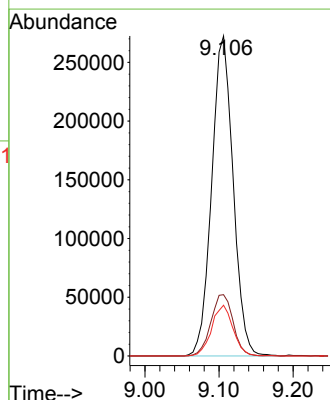
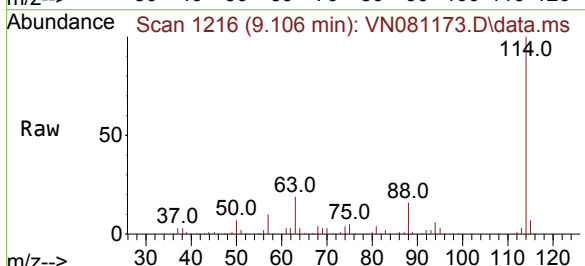
Tgt Ion: 114 Resp: 547499

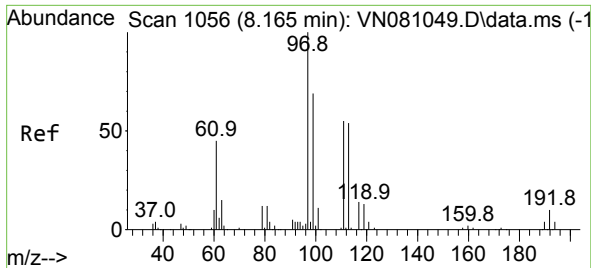
Ion Ratio Lower Upper

114 100

63 19.2 0.0 48.0

88 15.8 0.0 34.8

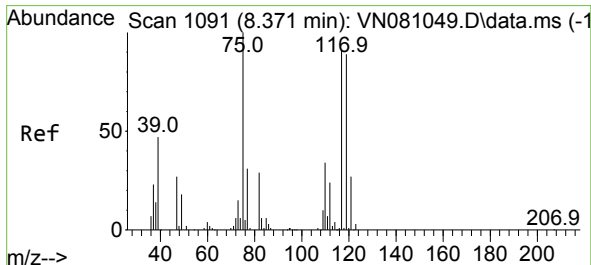
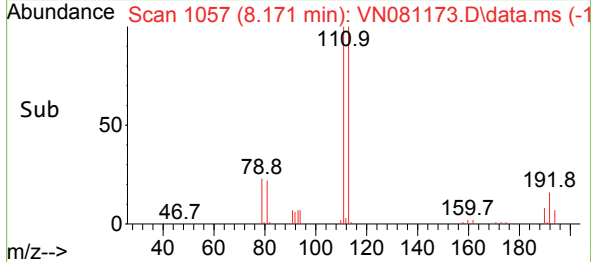
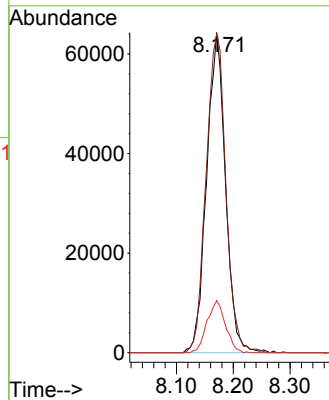
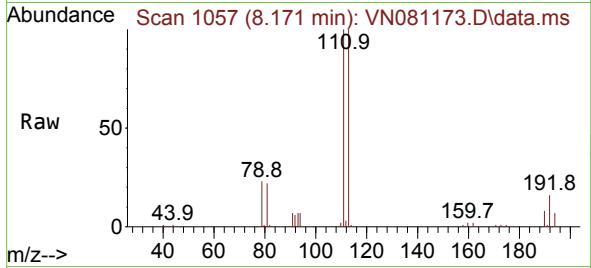




#35
Dibromofluoromethane
Concen: 47.841 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

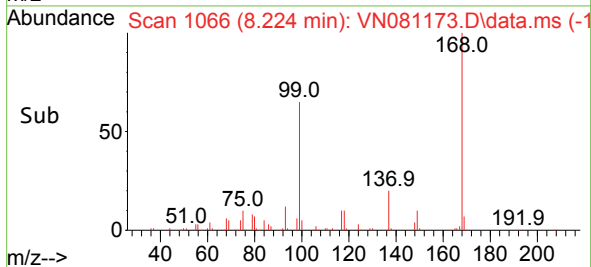
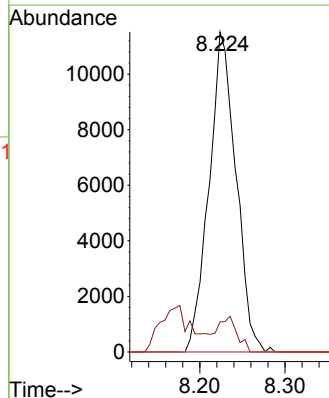
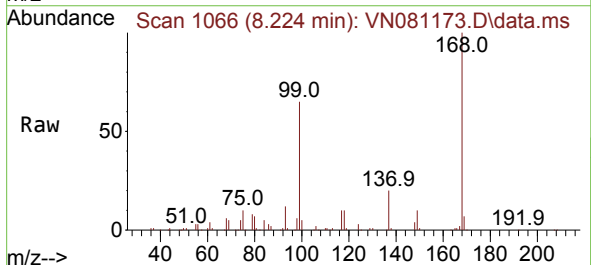
Instrument :
MSVOA_N
ClientSampleId :
SB-3

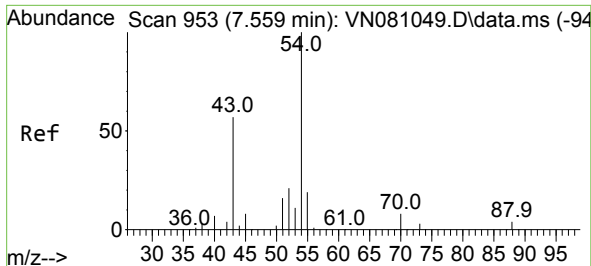
Tgt Ion:113 Resp: 148114
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 15.9 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.775 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

Tgt Ion: 75 Resp: 25328
Ion Ratio Lower Upper
75 100
110 8.0 16.0 48.0#
77 0.0 25.8 38.6#





#37

Ethyl Acetate

Concen: 1.507 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN081173.D

Acq: 23 Feb 2024 20:57

Instrument :

MSVOA_N

ClientSampleId :

SB-3

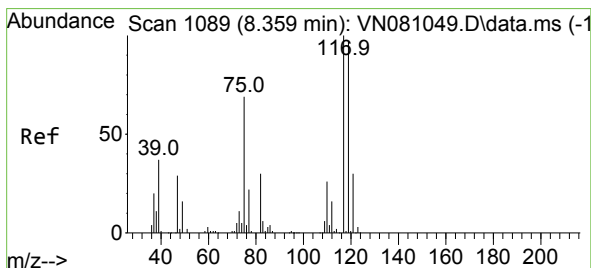
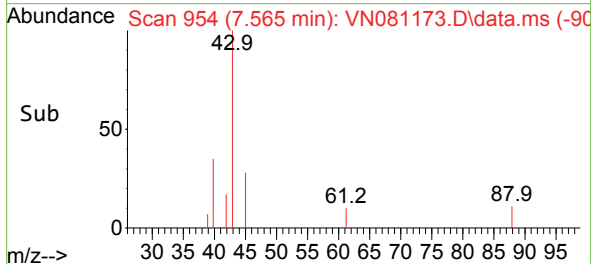
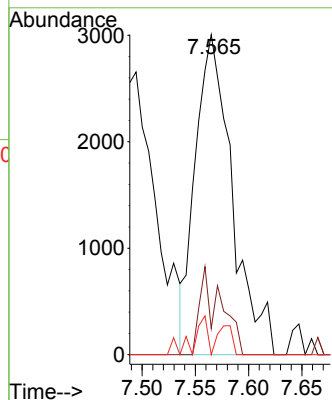
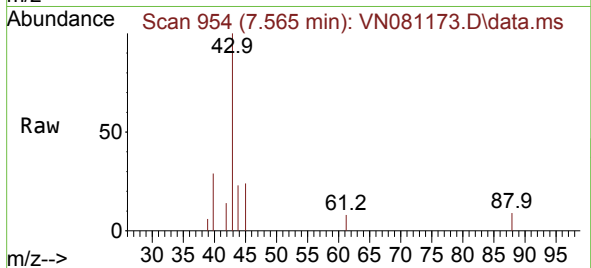
Tgt Ion: 43 Resp: 7212

Ion Ratio Lower Upper

43 100

61 15.8 10.6 15.8#

70 4.0 8.0 12.0#



#38

Carbon Tetrachloride

Concen: 5.704 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.130 min

Lab File: VN081173.D

Acq: 23 Feb 2024 20:57

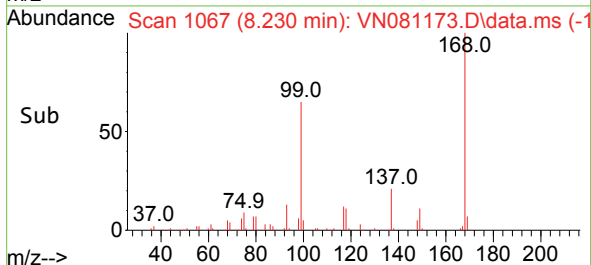
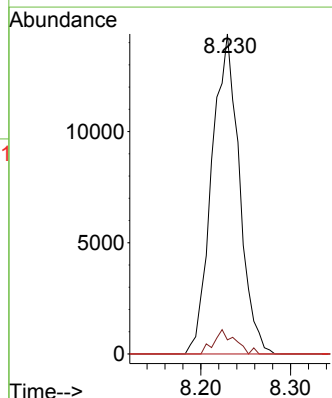
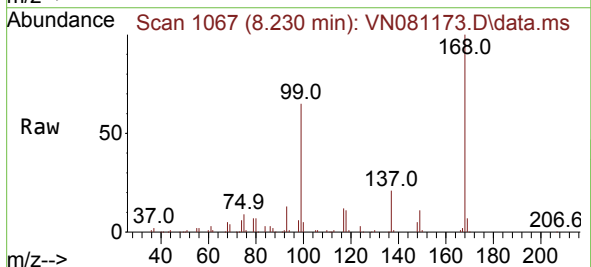
Tgt Ion: 117 Resp: 30610

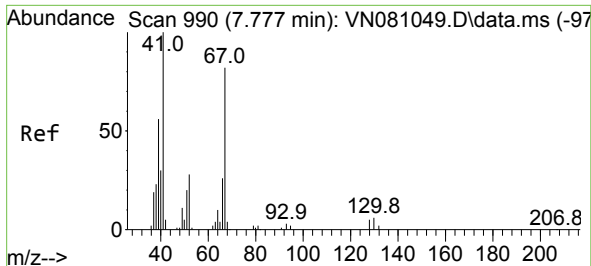
Ion Ratio Lower Upper

117 100

119 4.4 73.4 110.2#

121 0.0 24.4 36.6#

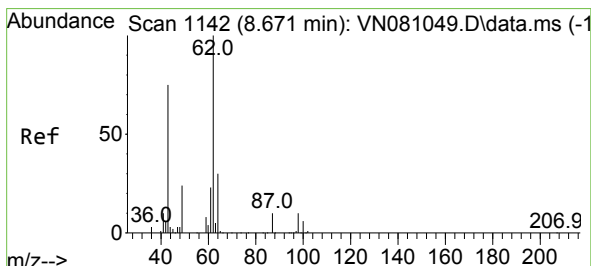
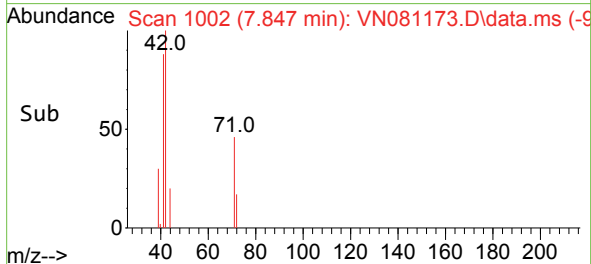
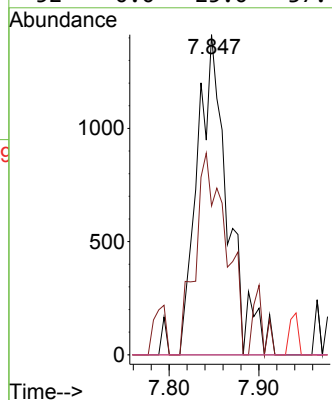
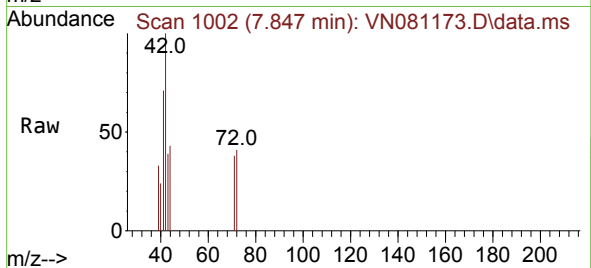




#41
Methacrylonitrile
Concen: 1.236 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.070 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

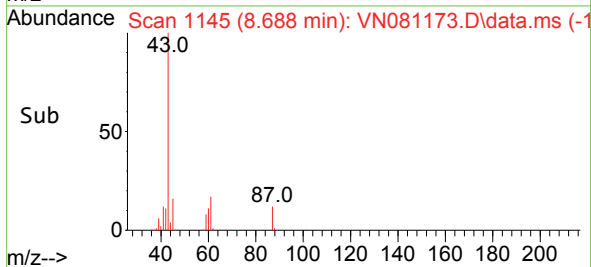
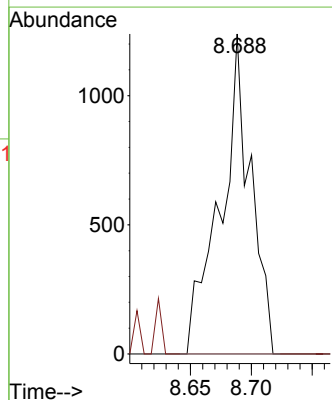
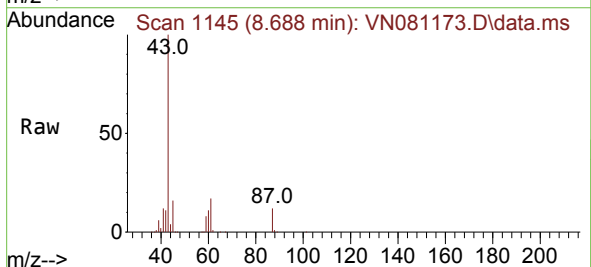
Instrument :
MSVOA_N
ClientSampleId :
SB-3

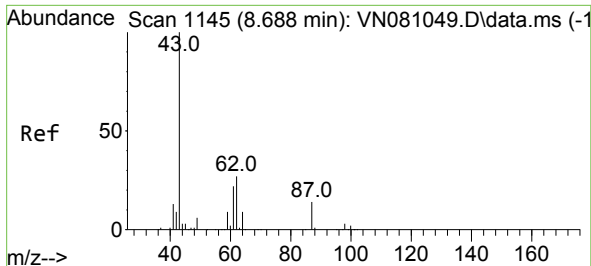
Tgt Ion: 41	Resp: 3368
Ion Ratio	Lower Upper
41	100
39	62.5 48.4 72.6
67	0.0 56.8 85.2#
52	0.0 25.0 37.4#



#42
1,2-Dichloroethane
Concen: 0.400 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

Tgt Ion: 62	Resp: 2143
Ion Ratio	Lower Upper
62	100
98	0.0 0.0 18.0

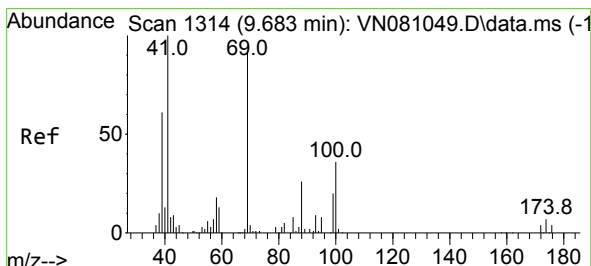
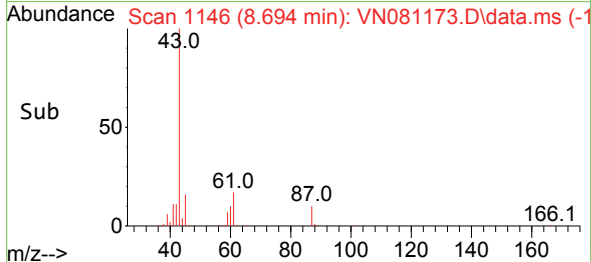
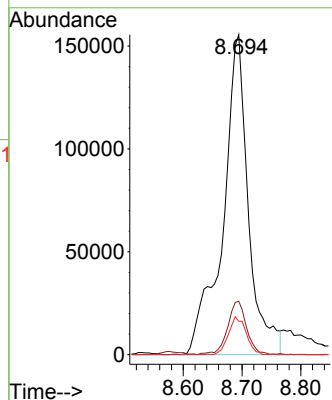
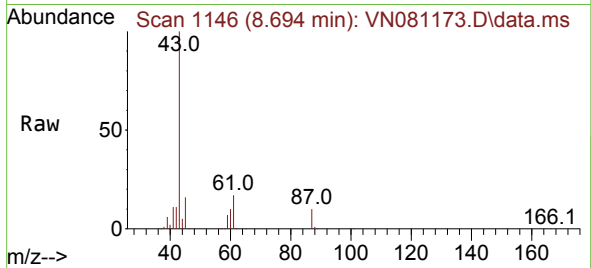




#43
Isopropyl Acetate
Concen: 56.070 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

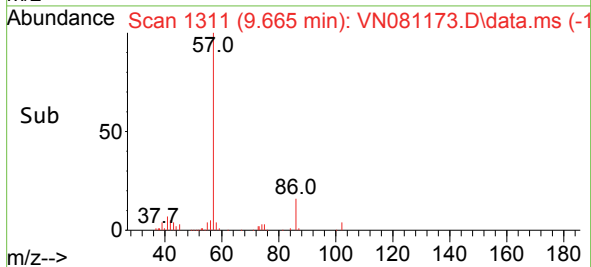
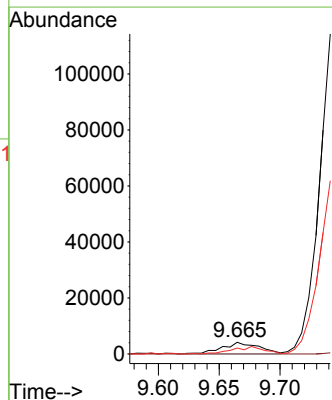
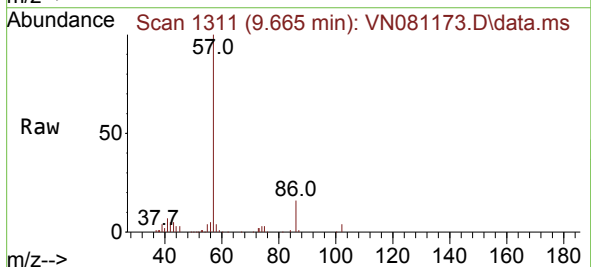
Instrument :
MSVOA_N
ClientSampleId :
SB-3

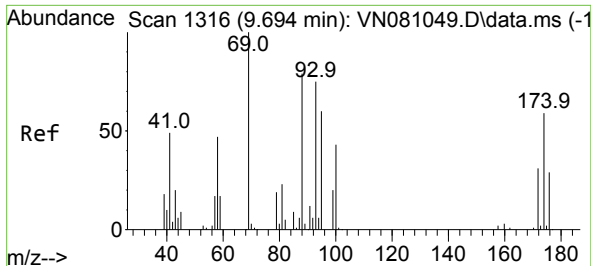
Tgt Ion: 43 Resp: 469416
Ion Ratio Lower Upper
43 100
61 12.5 19.9 29.9#
87 8.2 9.0 13.6#



#48
Methyl methacrylate
Concen: 2.263 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.018 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

Tgt Ion: 41 Resp: 8815
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.2#
39 54.2 47.6 71.4





#49

1,4-Dioxane

Concen: Below Cal

RT: 9.735 min Scan# 1

Delta R.T. 0.041 min

Lab File: VN081173.D

Acq: 23 Feb 2024 20:57

Instrument :

MSVOA_N

ClientSampleId :

SB-3

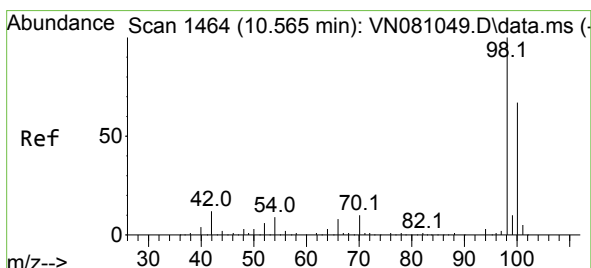
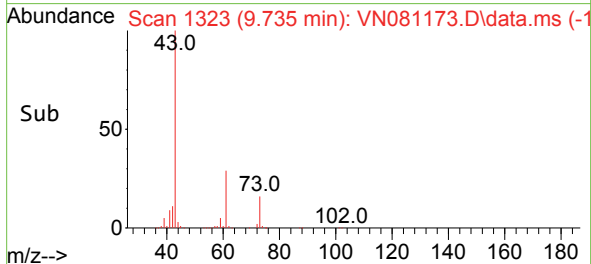
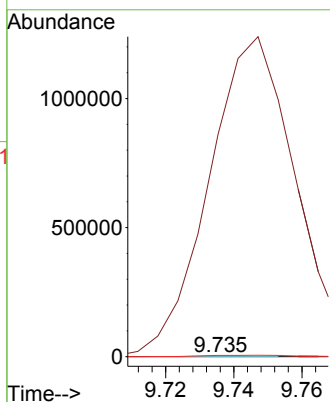
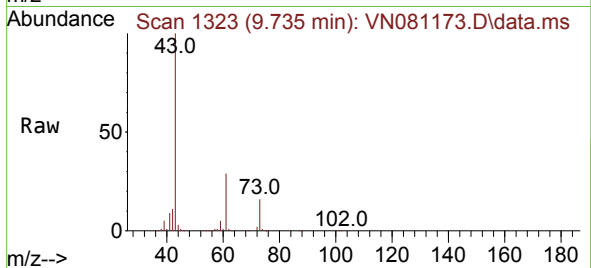
Tgt Ion: 88 Resp: 140

Ion Ratio Lower Upper

88 100

43 1573548.6 30.1 45.1#

58 7829.3 63.9 95.9#



#50

Toluene-d8

Concen: 44.374 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081173.D

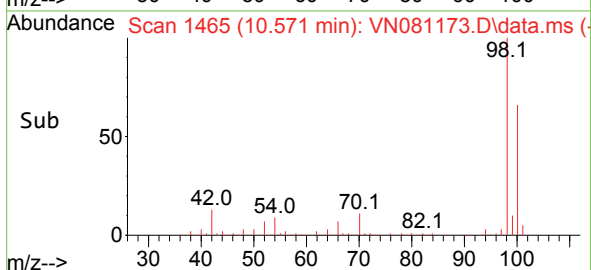
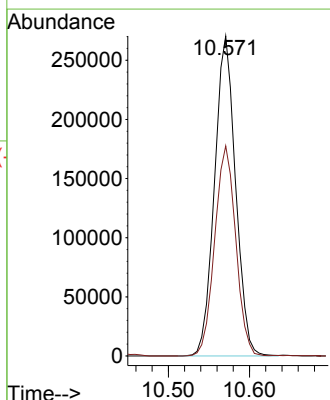
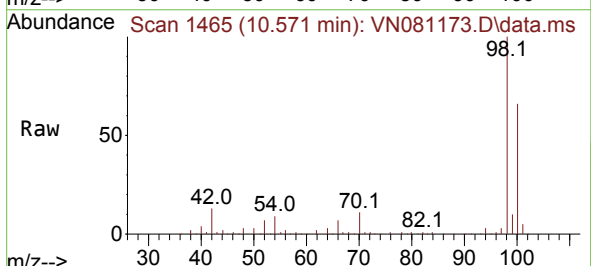
Acq: 23 Feb 2024 20:57

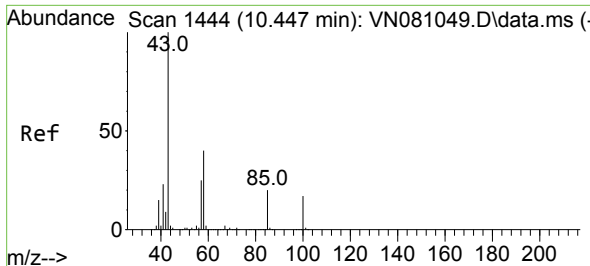
Tgt Ion: 98 Resp: 487938

Ion Ratio Lower Upper

98 100

100 65.8 51.4 77.0

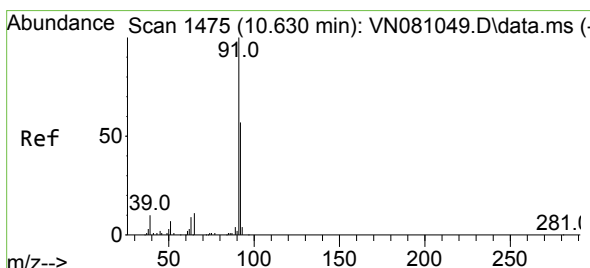
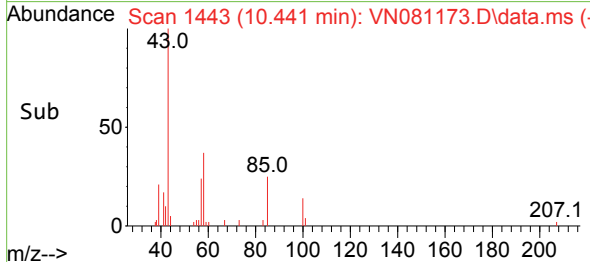
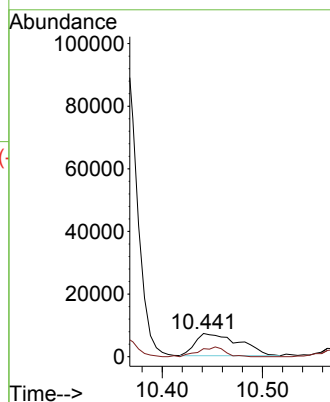
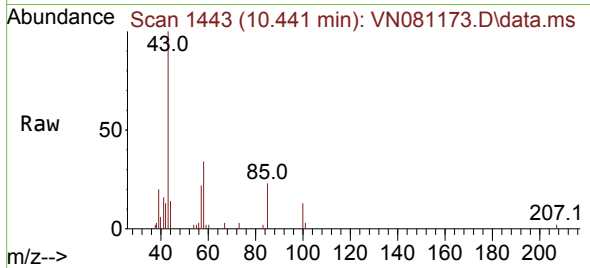




#51
4-Methyl-2-Pentanone
Concen: 4.475 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

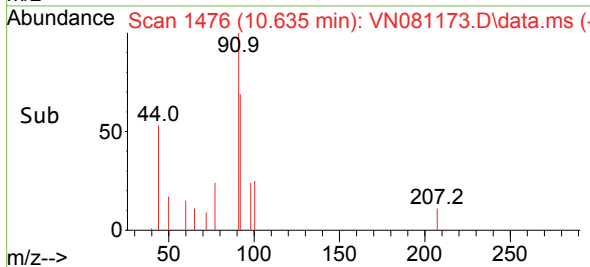
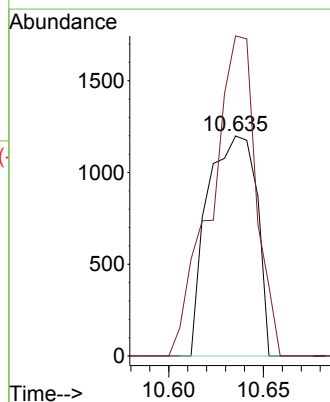
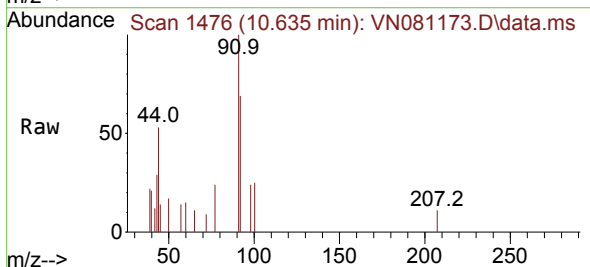
Instrument :
MSVOA_N
ClientSampleId :
SB-3

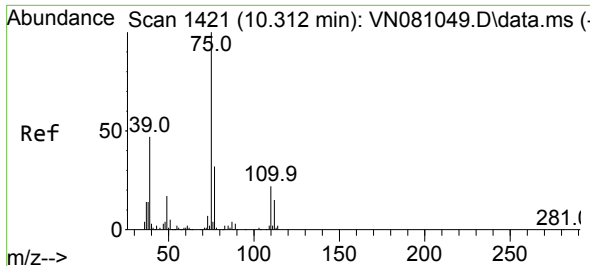
Tgt Ion: 43 Resp: 21550
Ion Ratio Lower Upper
43 100
58 26.4 29.4 44.0#



#52
Toluene
Concen: 0.222 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

Tgt Ion: 92 Resp: 2162
Ion Ratio Lower Upper
92 100
91 133.2 139.4 209.0#

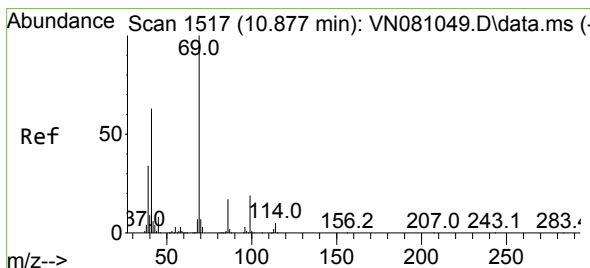
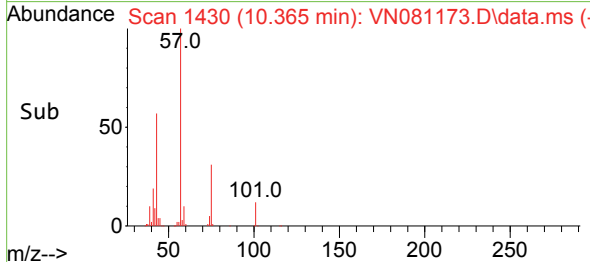
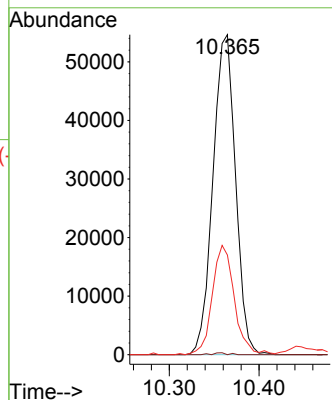
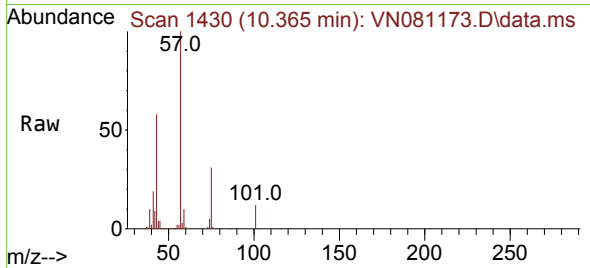




#54
cis-1,3-Dichloropropene
Concen: 15.006 ug/l
RT: 10.365 min Scan# 1421
Delta R.T. 0.053 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

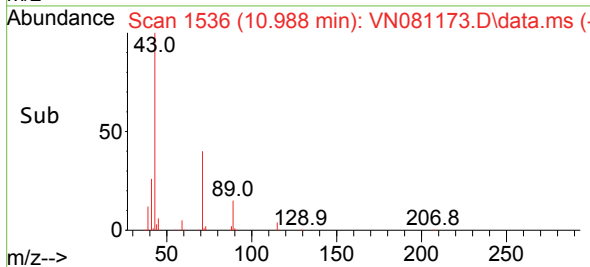
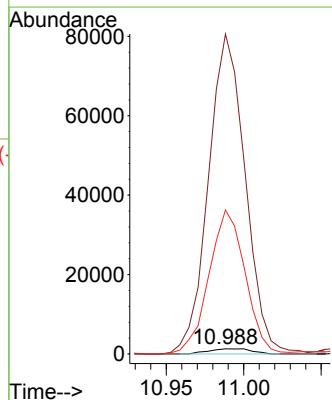
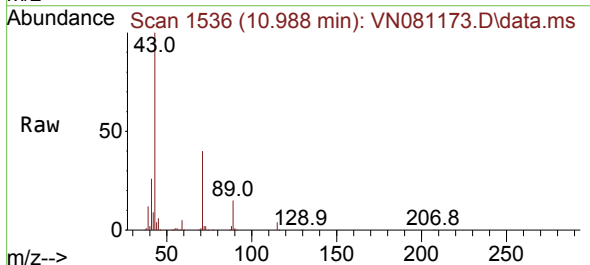
Instrument :
MSVOA_N
ClientSampleId :
SB-3

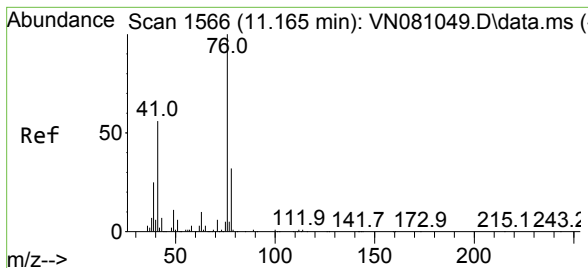
Tgt Ion: 75 Resp: 95476
Ion Ratio Lower Upper
75 100
77 0.0 23.3 34.9#
39 30.8 44.6 66.8#



#56
Ethyl methacrylate
Concen: 0.435 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

Tgt Ion: 69 Resp: 2487
Ion Ratio Lower Upper
69 100
41 5362.3 61.0 91.6#
39 2371.2 31.8 47.6#

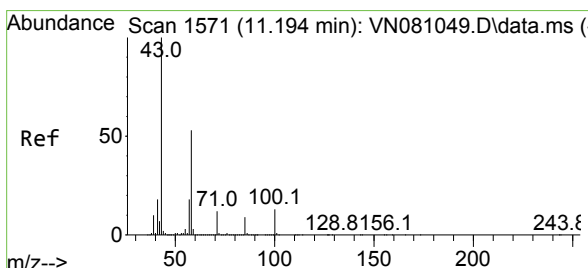
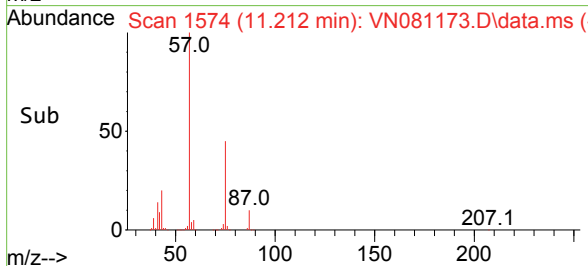
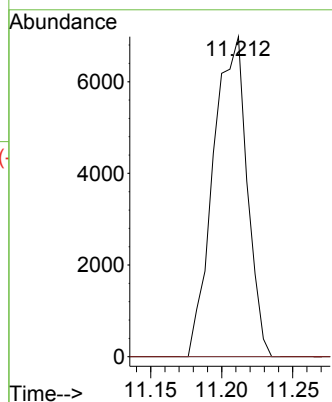
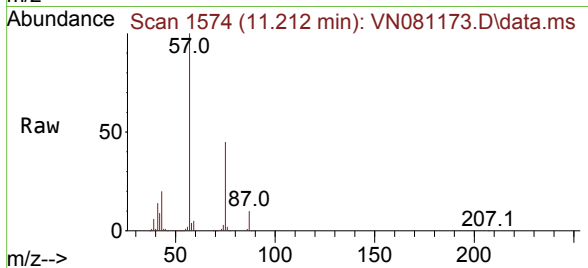




#57
1,3-Dichloropropane
Concen: 1.791 ug/l
RT: 11.212 min Scan# 11579
Delta R.T. 0.047 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

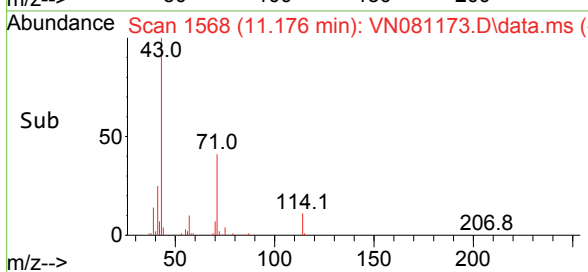
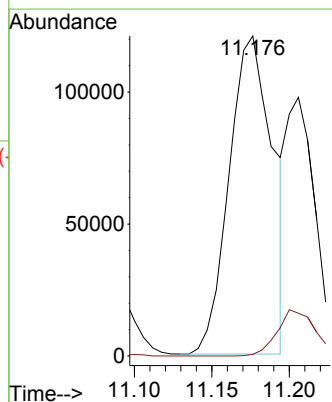
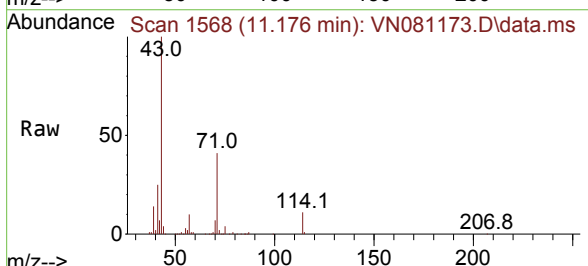
Instrument :
MSVOA_N
ClientSampleId :
SB-3

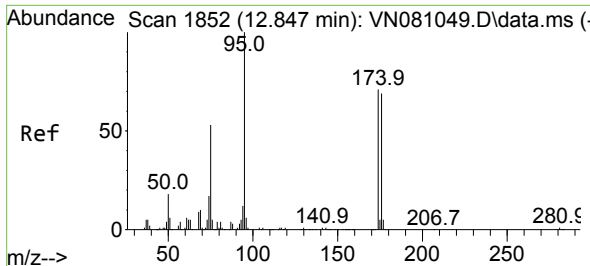
Tgt Ion: 76 Resp: 11579
Ion Ratio Lower Upper
76 100
78 0.0 25.5 38.3#



#59
2-Hexanone
Concen: 61.614 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.018 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

Tgt Ion: 43 Resp: 235250
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#

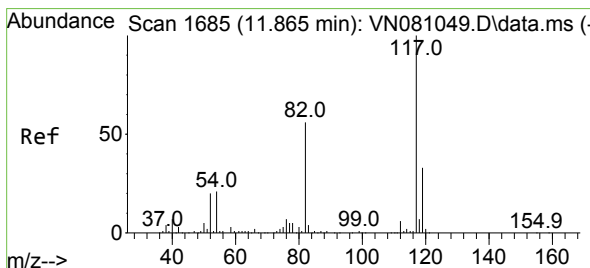
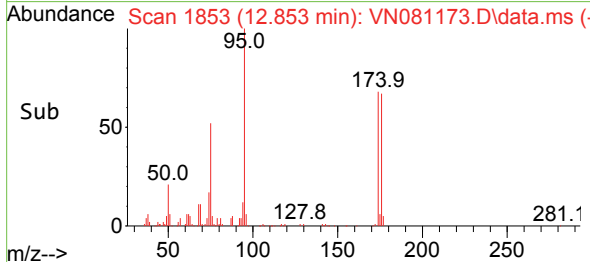
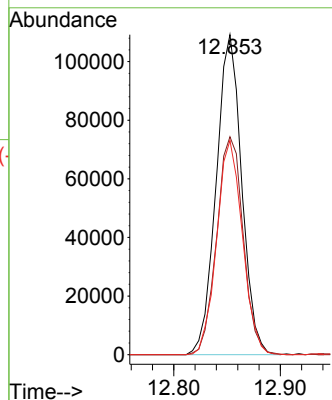
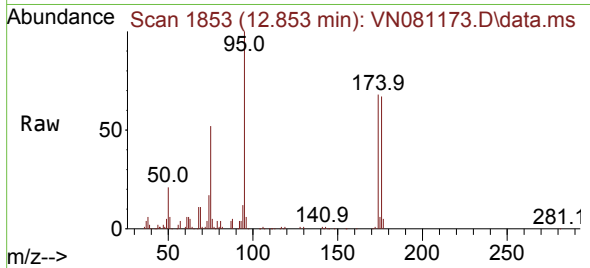




#62
4-Bromofluorobenzene
Concen: 43.911 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

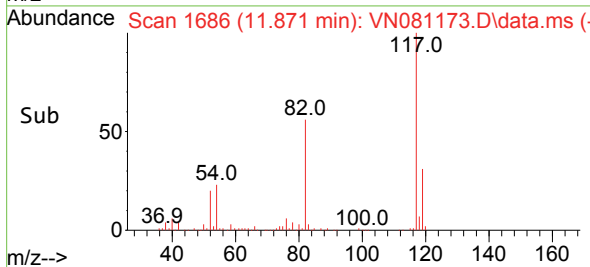
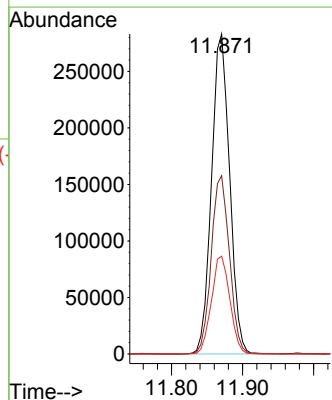
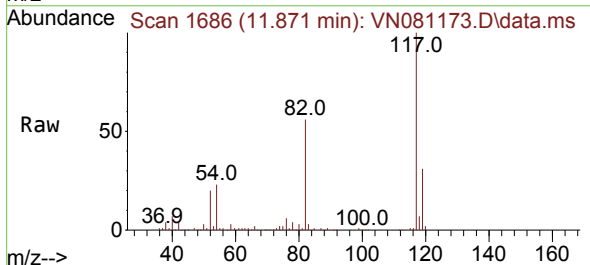
Instrument :
MSVOA_N
ClientSampleId :
SB-3

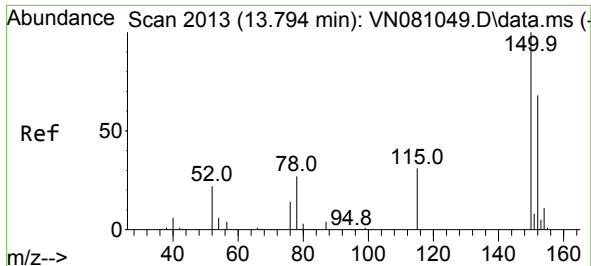
Tgt Ion: 95 Resp: 181428
Ion Ratio Lower Upper
95 100
174 70.6 0.0 120.4
176 67.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

Tgt Ion: 117 Resp: 500764
Ion Ratio Lower Upper
117 100
82 55.7 52.7 79.1
119 30.6 25.3 37.9

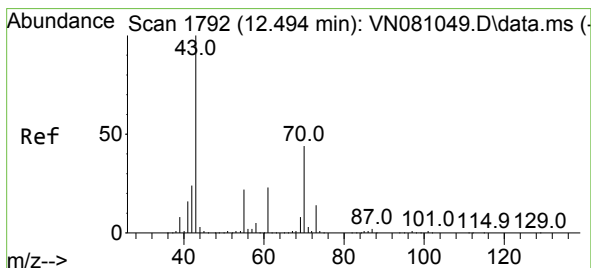
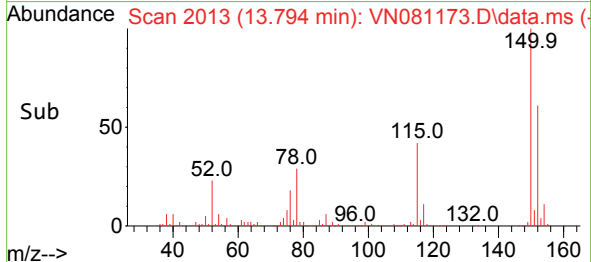
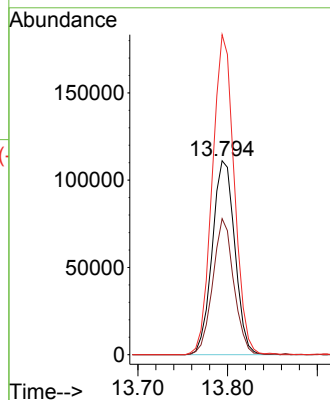
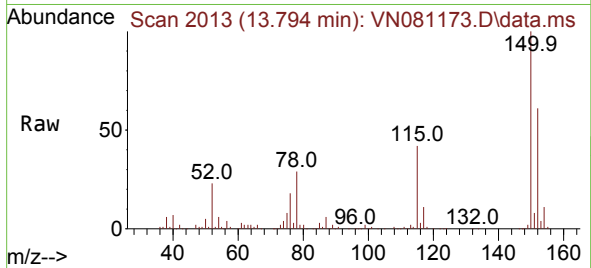




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

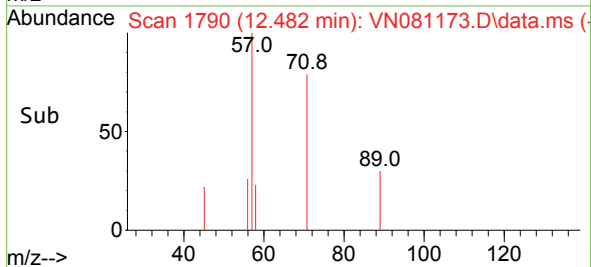
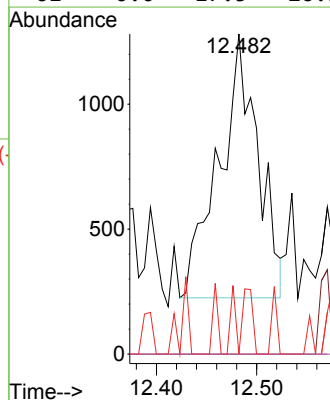
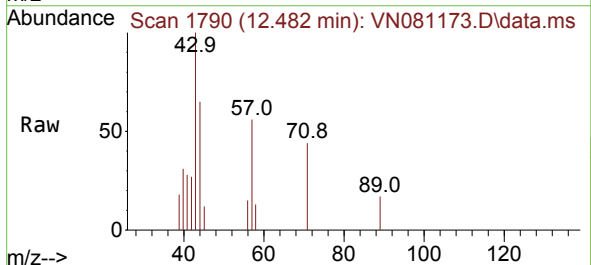
Instrument :
MSVOA_N
ClientSampleId :
SB-3

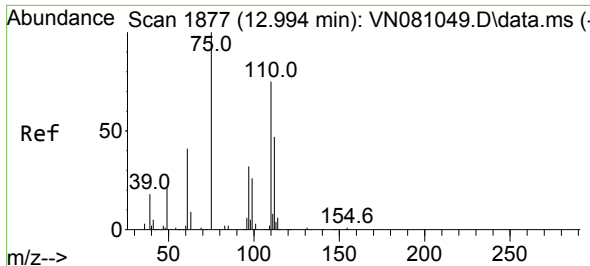
Tgt Ion:152 Resp: 194185
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 160.5 0.0 339.8



#74
N-ethyl acetate
Concen: 0.397 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.012 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

Tgt Ion: 43 Resp: 2848
Ion Ratio Lower Upper
43 100
70 0.0 30.1 45.1#
55 9.8 17.0 25.4#
61 0.0 17.5 26.3#

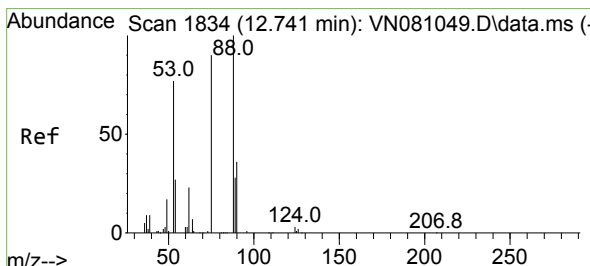
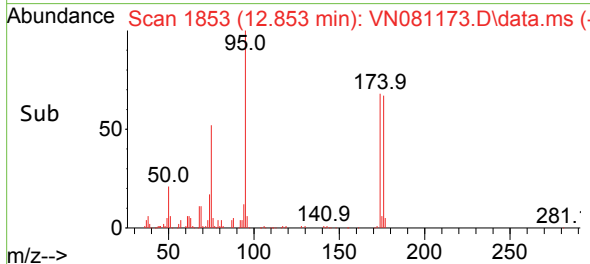
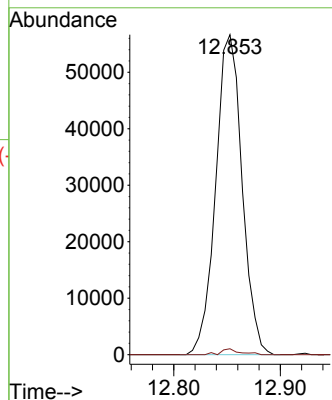
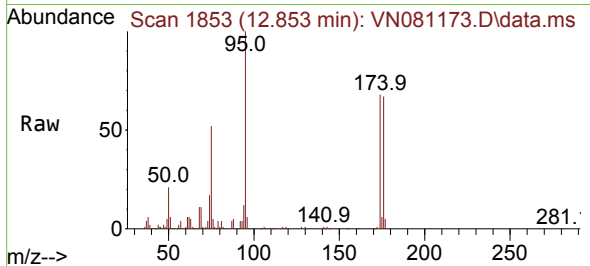




#76
1,2,3-Trichloropropane
Concen: 22.067 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

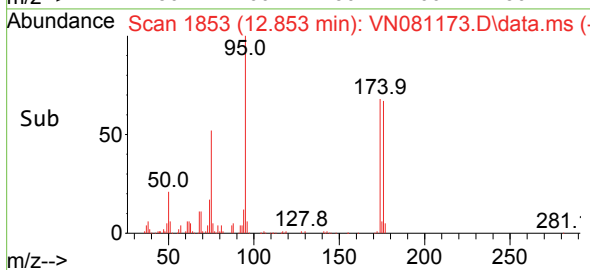
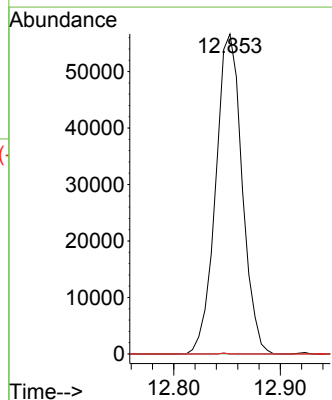
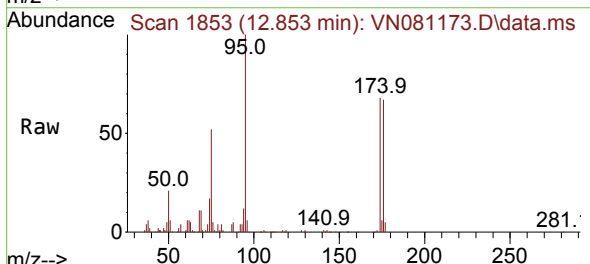
Instrument :
MSVOA_N
ClientSampleId :
SB-3

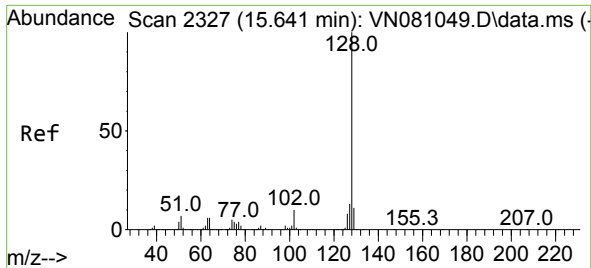
Tgt Ion: 75 Resp: 97361
Ion Ratio Lower Upper
75 100
77 1.3 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.799 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081173.D
Acq: 23 Feb 2024 20:57

Tgt Ion: 75 Resp: 97361
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.1 33.4 50.0#





#95
 Naphthalene
 Concen: 0.749 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081173.D
 Acq: 23 Feb 2024 20:57

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-3

Tgt Ion:128 Resp: 10569
 Ion Ratio Lower Upper
 128 100
 127 11.8 10.0 15.0
 129 7.5 8.7 13.1#

