

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078522.D
 Acq On : 14 Jul 2023 15:11
 Operator : JC\MD
 Sample : 03620-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 713-C

Quant Time: Jul 15 04:02:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	415880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	741729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	704211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	311602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	275098	49.342	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.680%		
35) Dibromofluoromethane	8.177	113	282671	56.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	112.280%		
50) Toluene-d8	10.577	98	861238	45.278	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.560%		
62) 4-Bromofluorobenzene	12.853	95	340545	58.125	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	116.240%		
Target Compounds						Qvalue
3) Chloromethane	2.371	50	1593	0.287	ug/l	95
5) Bromomethane	2.977	94	1190	Below Cal	#	49
6) Chloroethane	3.130	64	540	Below Cal	#	43
11) Tert butyl alcohol	5.547	59	266037	309.443	ug/l	100
13) Acrolein	4.195	56	267	0.316	ug/l	92
15) Acrylonitrile	5.559	53	3716	1.711	ug/l	# 23
16) Acetone	4.448	43	180810	104.111	ug/l	97
20) Methylene Chloride	5.283	84	858	Below Cal	#	76
25) 2-Butanone	7.494	43	832337	304.459	ug/l	# 83
29) Tetrahydrofuran	7.847	42	624	0.348	ug/l	# 20
31) Cyclohexane	8.230	56	9710	1.289	ug/l	# 52
36) 1,1-Dichloropropene	8.241	75	34499	4.745	ug/l	# 47
37) Ethyl Acetate	7.494	43	832337	137.337	ug/l	# 64
38) Carbon Tetrachloride	8.230	117	44830	5.674	ug/l	# 16
40) Benzene	8.618	78	462809	21.487	ug/l	98
41) Methacrylonitrile	7.800	41	11088	3.589	ug/l	# 35
42) 1,2-Dichloroethane	8.606	62	4476	0.611	ug/l	99
43) Isopropyl Acetate	8.712	43	6950	0.697	ug/l	# 49
48) Methyl methacrylate	9.665	41	4954	1.072	ug/l	# 17
49) 1,4-Dioxane	9.700	88	2684	26.624	ug/l	# 75
51) 4-Methyl-2-Pentanone	10.453	43	13560	2.285	ug/l	90
52) Toluene	10.635	92	313989	23.521	ug/l	98
55) 1,1,2-Trichloroethane	10.888	97	3890	0.740	ug/l	# 16
58) 2-Chloroethyl Vinyl ether	10.194	63	662	0.253	ug/l	# 42
59) 2-Hexanone	11.200	43	8015	1.900	ug/l	61
65) Chlorobenzene	11.894	112	7045	0.448	ug/l	# 88
67) Ethyl Benzene	11.971	91	68922	2.590	ug/l	96
68) m/p-Xylenes	12.076	106	83652	8.503	ug/l	99
69) o-Xylene	12.400	106	47429	4.773	ug/l	100
70) Styrene	12.418	104	101606	6.536	ug/l	98
71) Bromoform	12.853	173	2307	0.563	ug/l	# 1
74) N-amyl acetate	12.465	43	7865	0.779	ug/l	# 37
75) 1,1,2,2-Tetrachloroethane	12.947	83	255	Below Cal	#	84
76) 1,2,3-Trichloropropane	12.853	75	179135	23.784	ug/l	# 1
77) Bromobenzene	12.888	156	64	Below Cal	#	1
78) n-propylbenzene	13.041	91	6296	0.201	ug/l	84

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078522.D
 Acq On : 14 Jul 2023 15:11
 Operator : JC\MD
 Sample : 03620-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 713-C

Quant Time: Jul 15 04:02:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

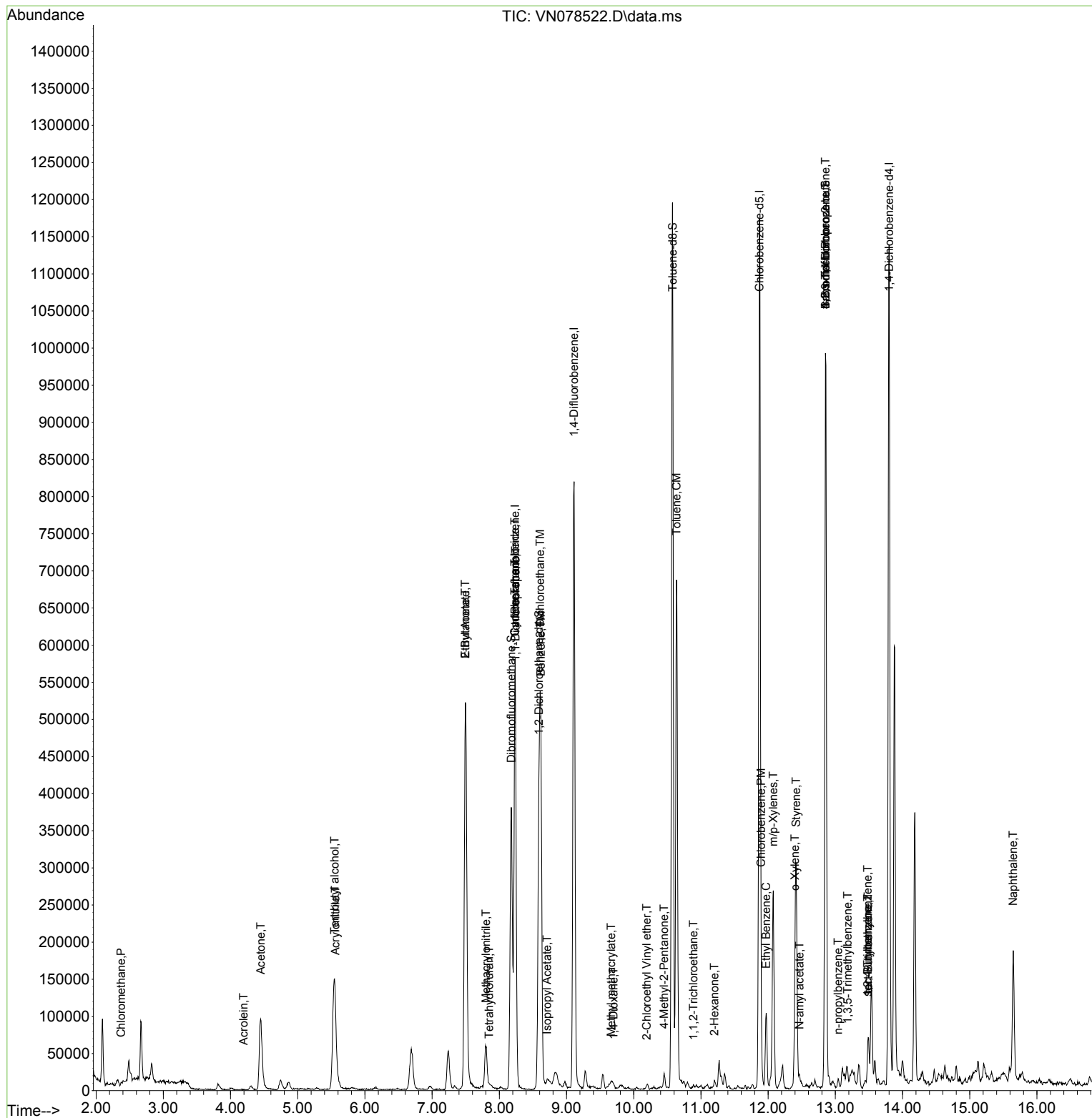
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	13.182	105	9530	0.412	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.853	75	179135	62.499	ug/l #	15
83) tert-Butylbenzene	13.488	119	5651	0.288	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.482	105	37589	1.673	ug/l	100
85) sec-Butylbenzene	13.482	105	37589	1.514	ug/l #	57
90) Hexachloroethane	14.382	117	1128	Below Cal	#	21
92) 1,2-Dibromo-3-Chloropr...	14.806	75	280	Below Cal	#	4
95) Naphthalene	15.647	128	158562	12.992	ug/l	100

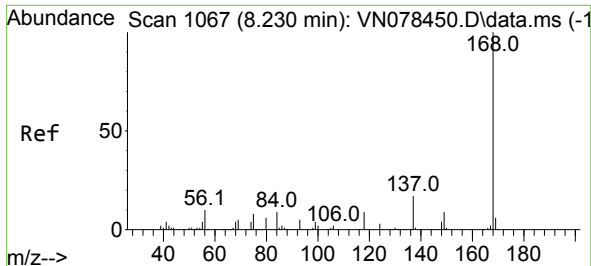
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
Data File : VN078522.D
Acq On : 14 Jul 2023 15:11
Operator : JC\MD
Sample : 03620-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
713-C

Quant Time: Jul 15 04:02:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

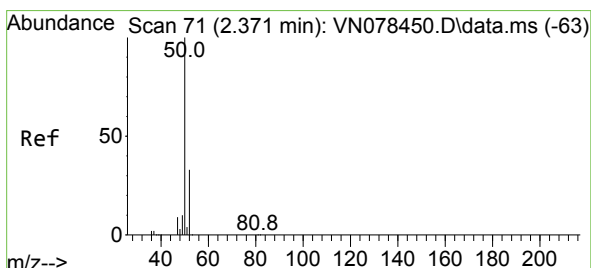
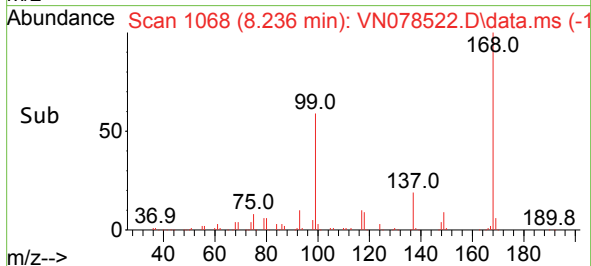
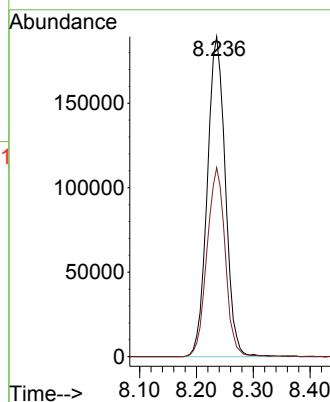
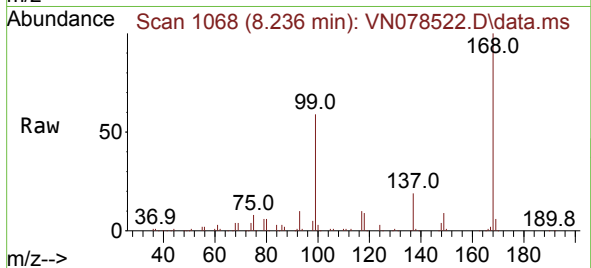




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

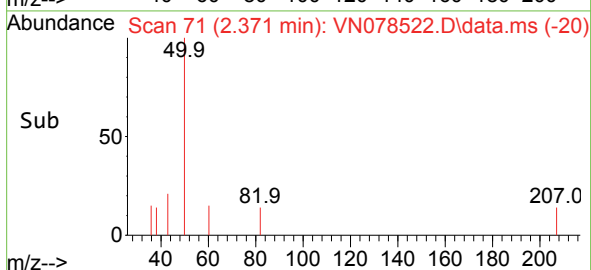
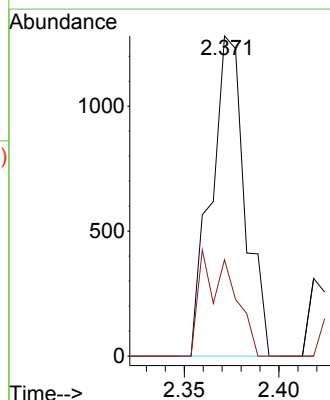
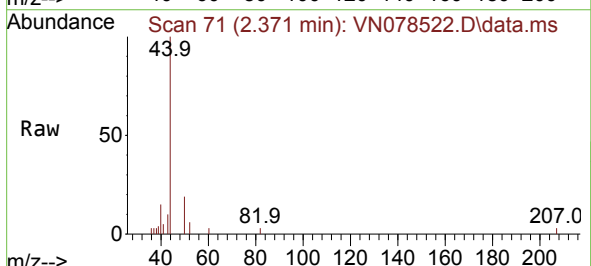
Instrument :
MSVOA_N
ClientSampleId :
713-C

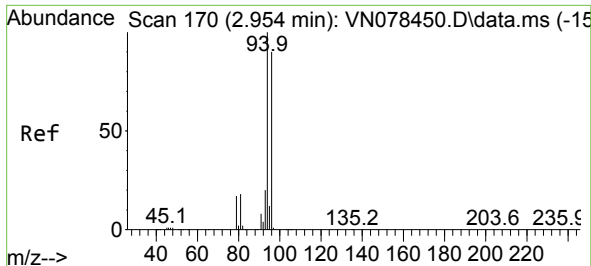
Tgt Ion:168 Resp: 415880
Ion Ratio Lower Upper
168 100
99 59.1 53.0 79.6



#3
Chloromethane
Concen: 0.287 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Tgt Ion: 50 Resp: 1593
Ion Ratio Lower Upper
50 100
52 30.1 26.5 39.7

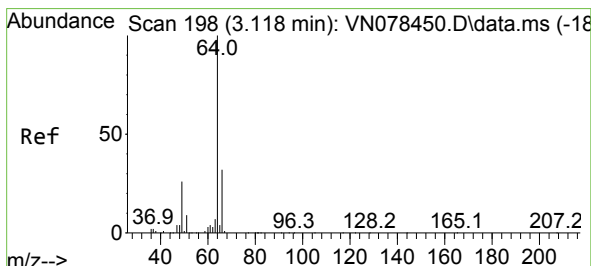
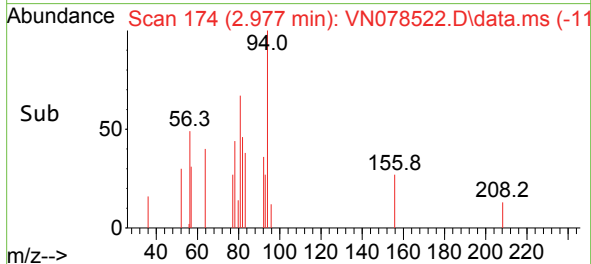
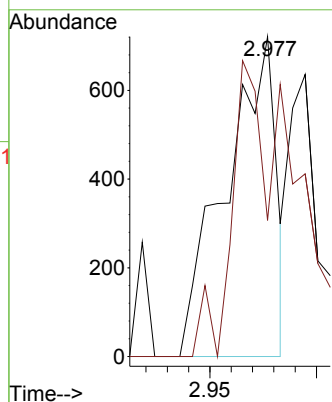
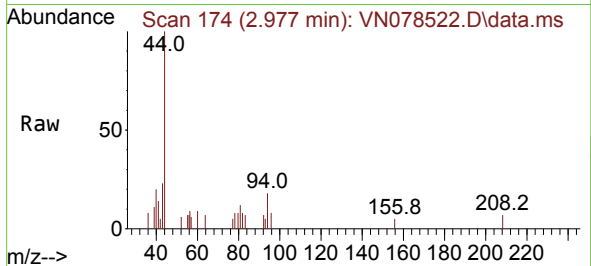




#5
Bromomethane
Concen: Below Cal
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

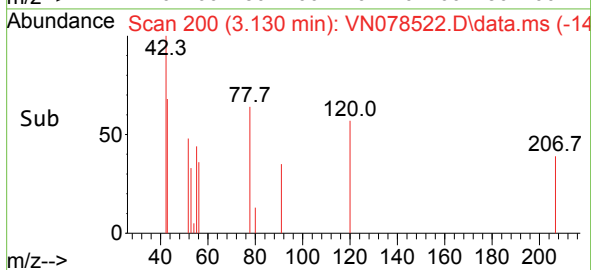
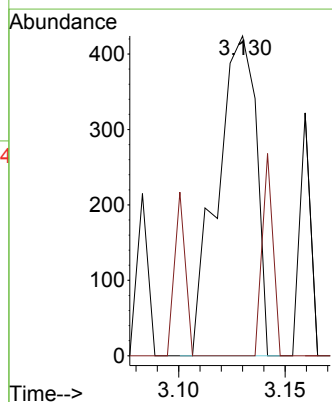
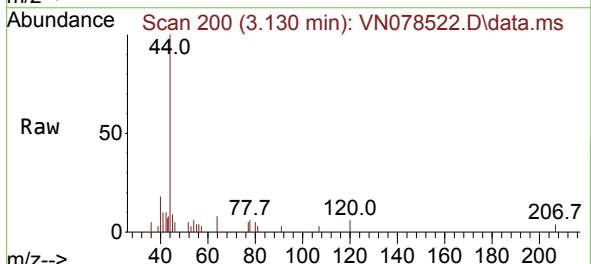
Instrument :
MSVOA_N
ClientSampleId :
713-C

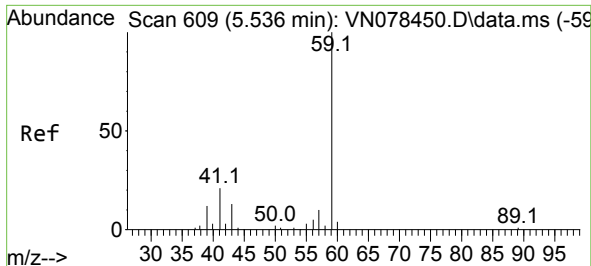
Tgt Ion: 94 Resp: 1190
Ion Ratio Lower Upper
94 100
96 42.6 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Tgt Ion: 64 Resp: 540
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

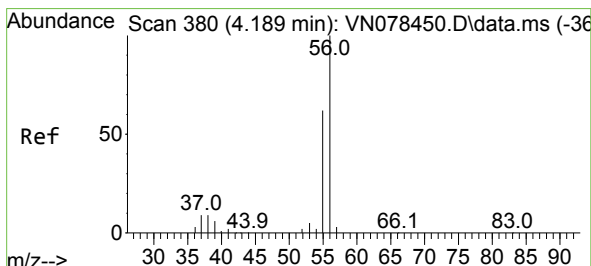
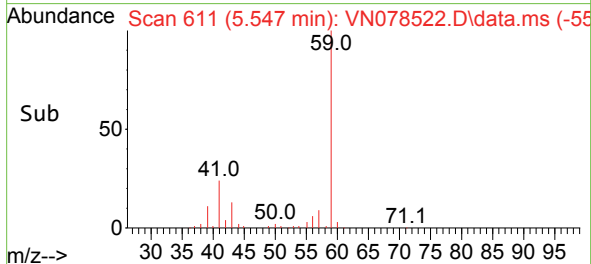
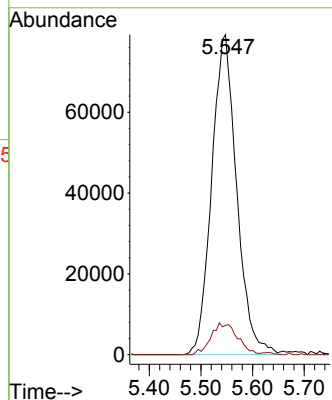
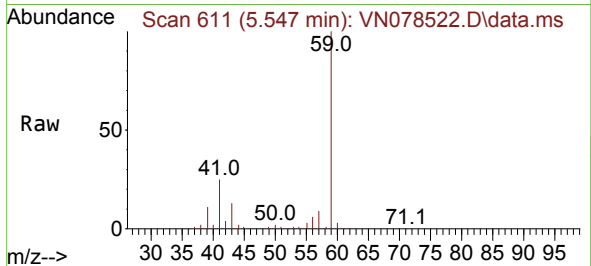




#11
Tert butyl alcohol
Concen: 309.443 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

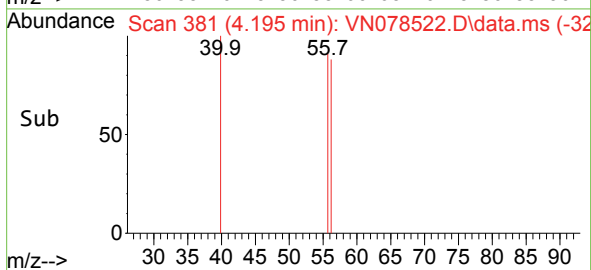
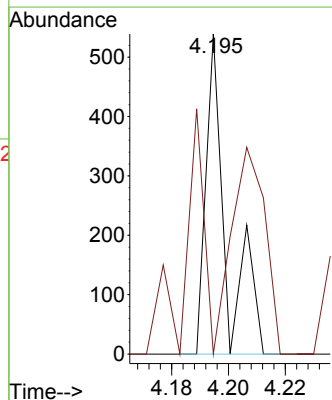
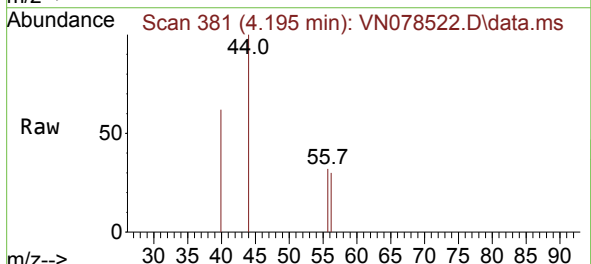
Instrument :
MSVOA_N
ClientSampleId :
713-C

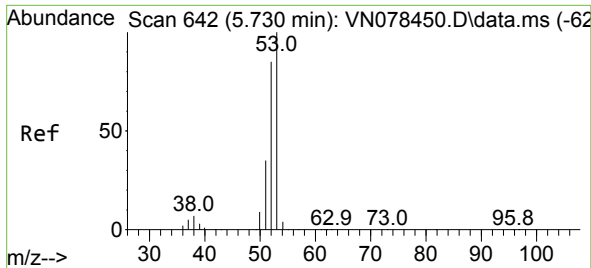
Tgt Ion: 59 Resp: 266037
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#13
Acrolein
Concen: 0.316 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Tgt Ion: 56 Resp: 267
Ion Ratio Lower Upper
56 100
55 74.5 54.5 81.7

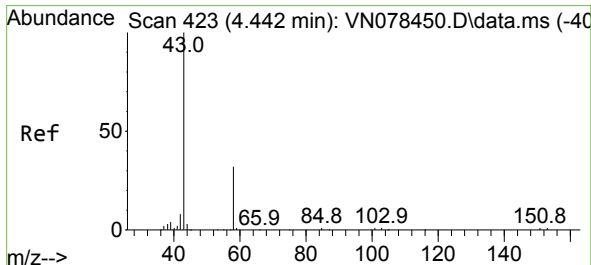
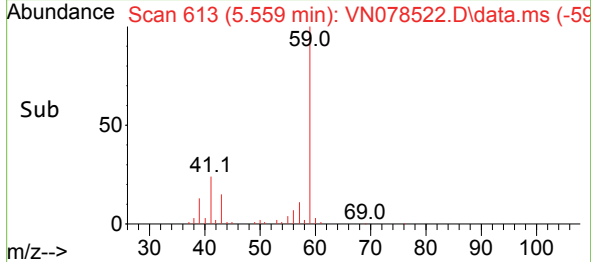
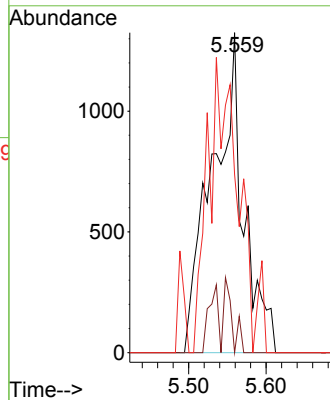
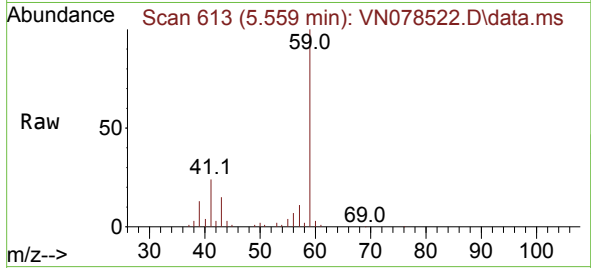




#15
Acrylonitrile
Concen: 1.711 ug/l
RT: 5.559 min Scan# 613
Delta R.T. -0.171 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

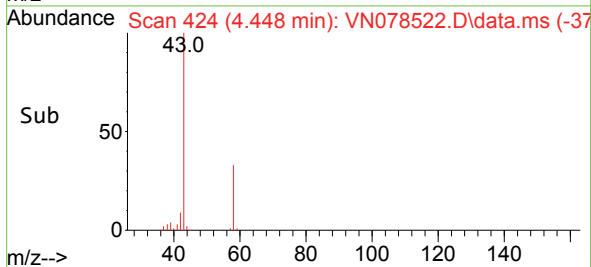
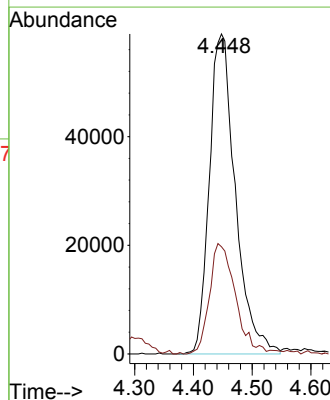
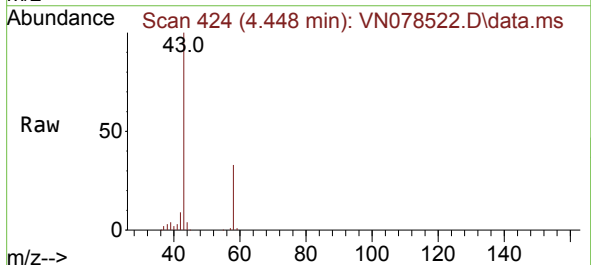
Instrument :
MSVOA_N
ClientSampleId :
713-C

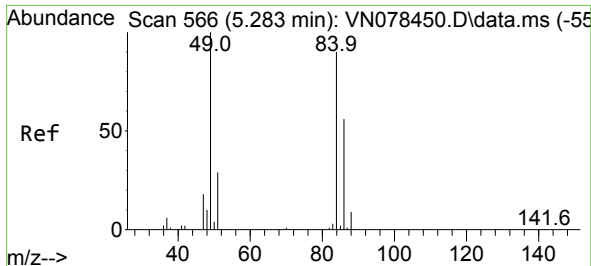
Tgt Ion: 53 Resp: 3716
Ion Ratio Lower Upper
53 100
52 6.4 65.3 97.9#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 104.111 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

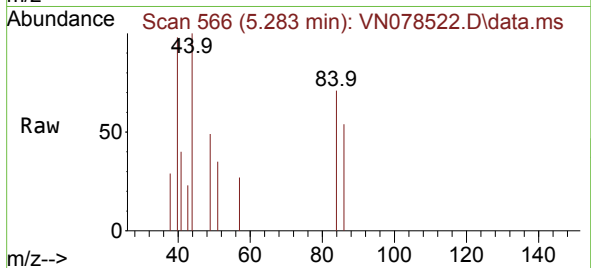
Tgt Ion: 43 Resp: 180810
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0



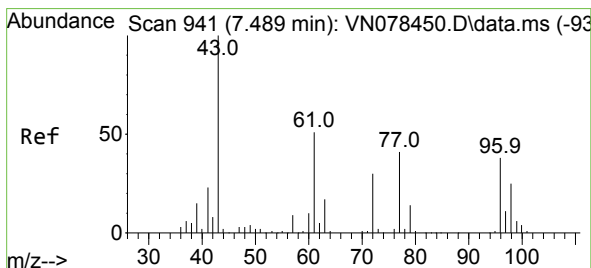
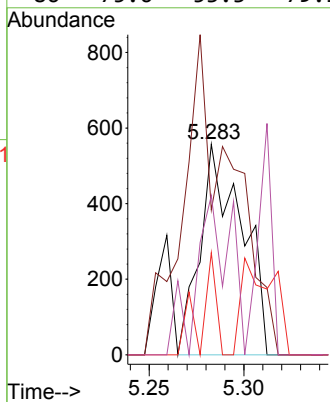
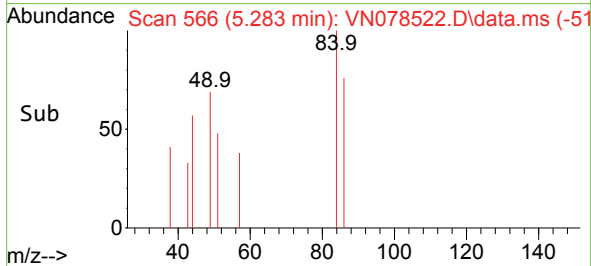


#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 501
Delta R.T. -0.000 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Instrument :
MSVOA_N
ClientSampleId :
713-C

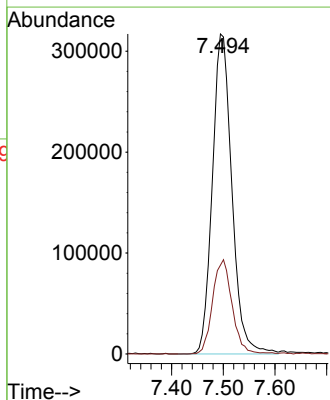
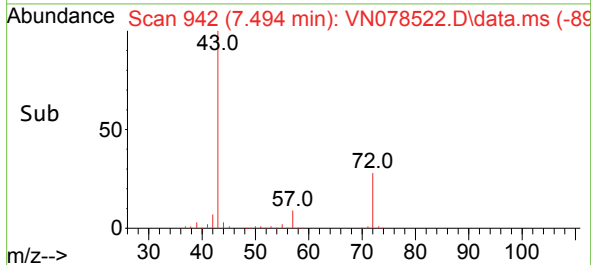
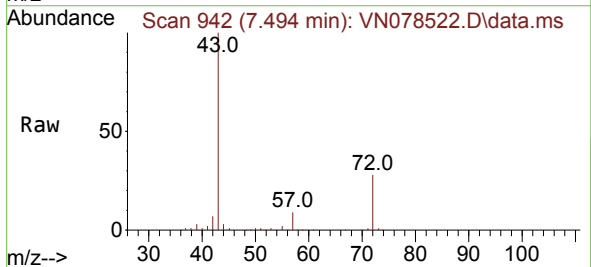


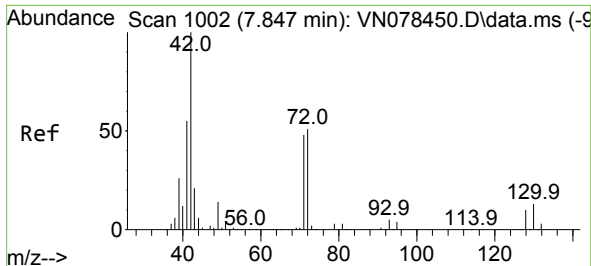
Tgt Ion: 84 Resp: 858
Ion Ratio Lower Upper
84 100
49 68.8 79.7 119.5#
51 48.5 25.2 37.8#
86 75.6 53.3 79.9



#25
2-Butanone
Concen: 304.459 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Tgt Ion: 43 Resp: 832337
Ion Ratio Lower Upper
43 100
72 27.7 30.2 45.2#





#29

Tetrahydrofuran

Concen: 0.348 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078522.D

Acq: 14 Jul 2023 15:11

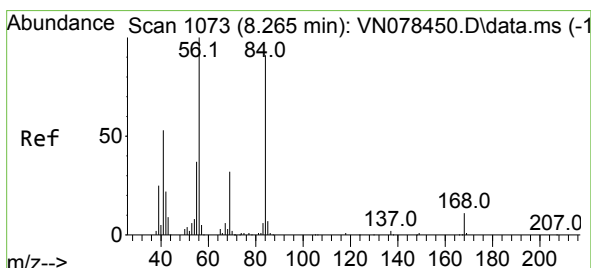
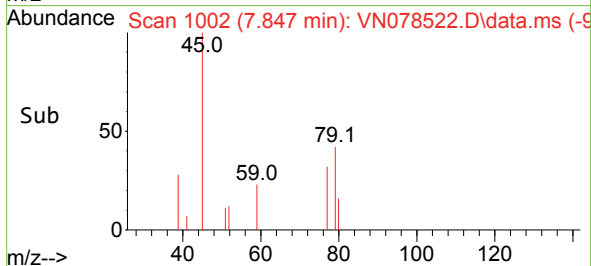
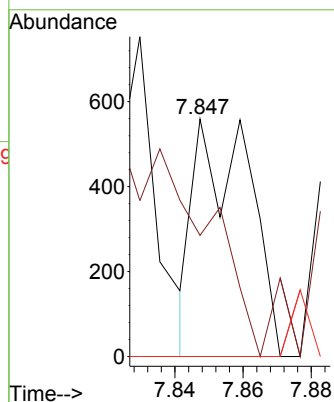
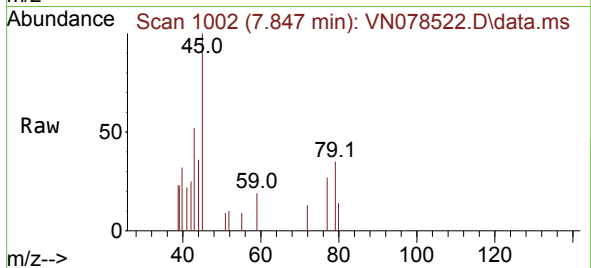
Instrument :

MSVOA_N

ClientSampleId :

713-C

Tgt Ion:	42	Resp:	624
Ion	Ratio	Lower	Upper
42	100		
72	0.0	49.8	74.6#
71	0.0	47.4	71.2#



#31

Cyclohexane

Concen: 1.289 ug/l

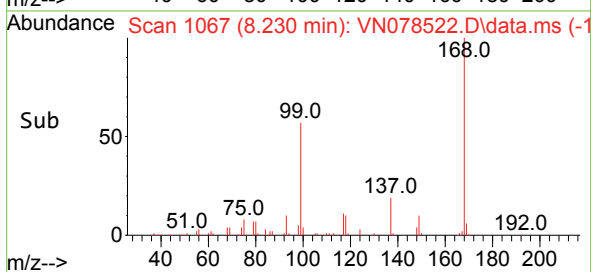
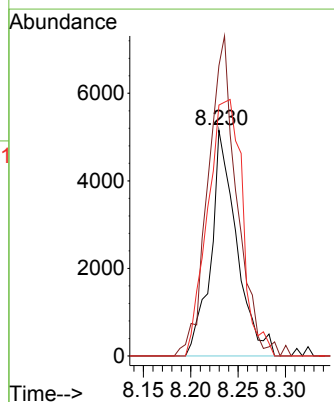
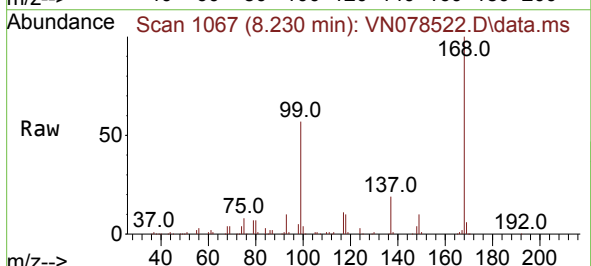
RT: 8.230 min Scan# 1067

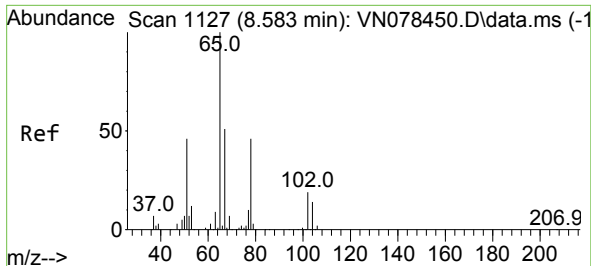
Delta R.T. -0.035 min

Lab File: VN078522.D

Acq: 14 Jul 2023 15:11

Tgt Ion:	56	Resp:	9710
Ion	Ratio	Lower	Upper
56	100		
69	128.5	26.8	40.2#
84	111.1	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 49.342 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078522.D

Acq: 14 Jul 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :

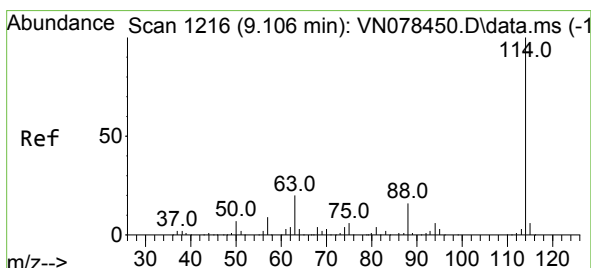
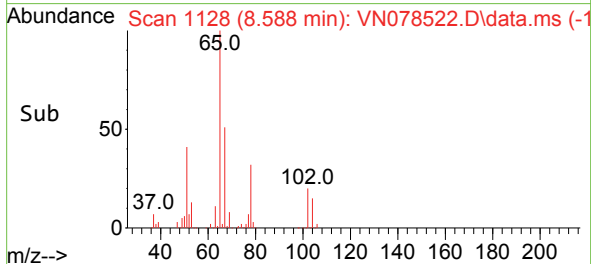
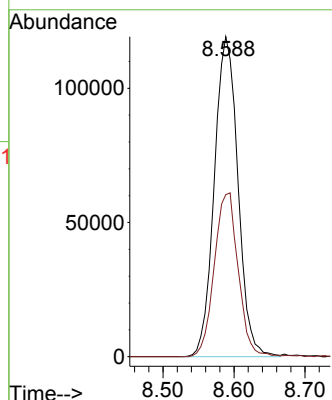
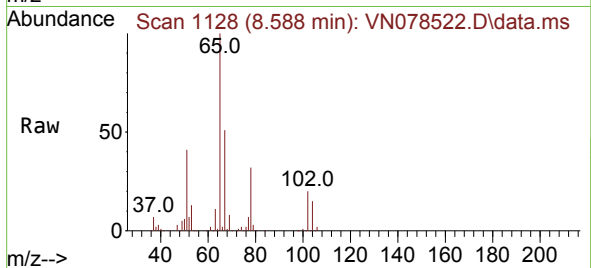
713-C

Tgt Ion: 65 Resp: 275098

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078522.D

Acq: 14 Jul 2023 15:11

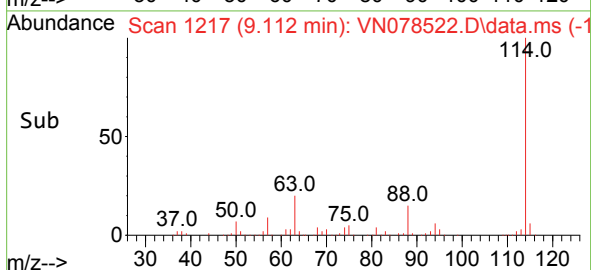
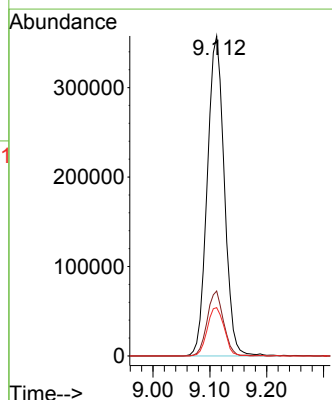
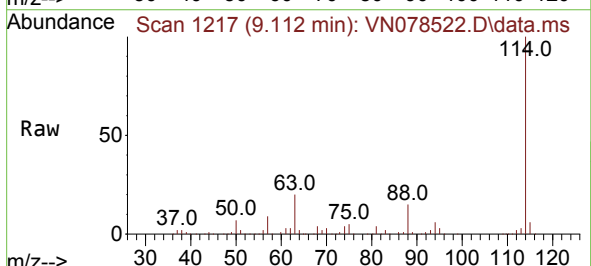
Tgt Ion: 114 Resp: 741729

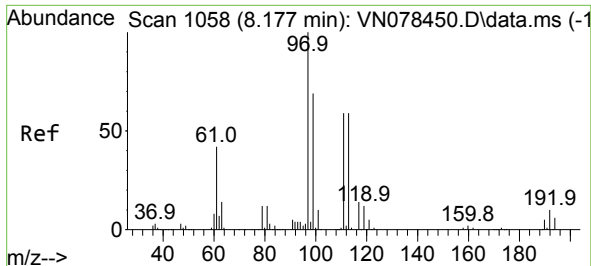
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

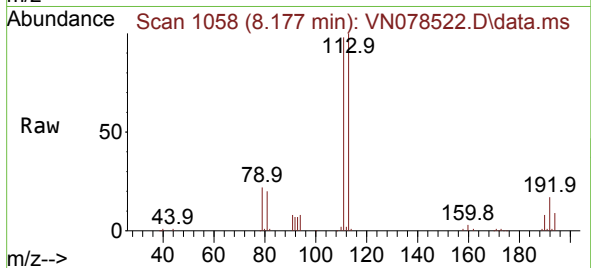
88 15.1 0.0 30.6



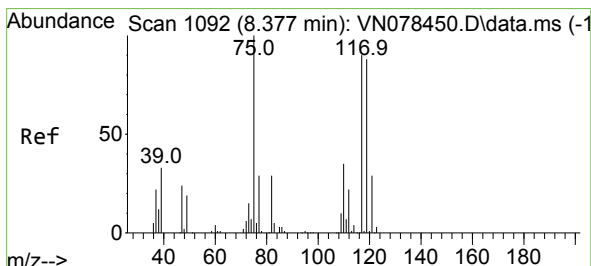
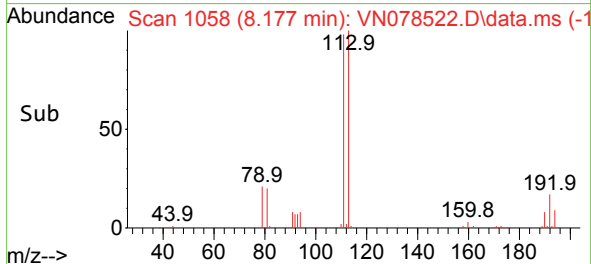
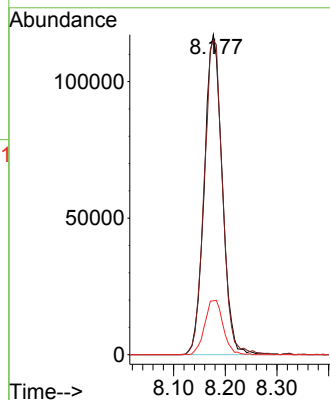


#35
Dibromofluoromethane
Concen: 56.140 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Instrument :
MSVOA_N
ClientSampleId :
713-C

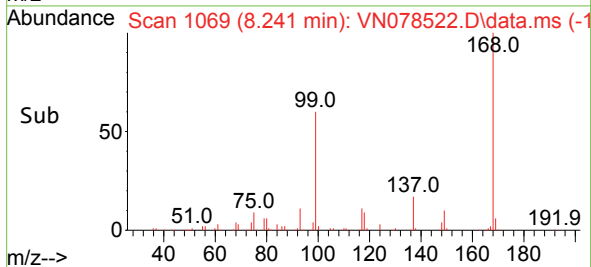
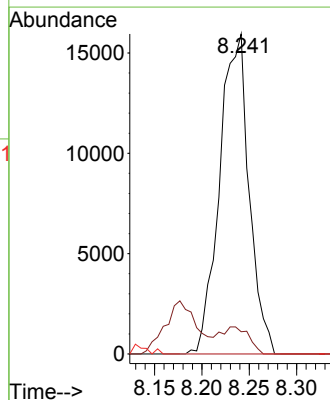
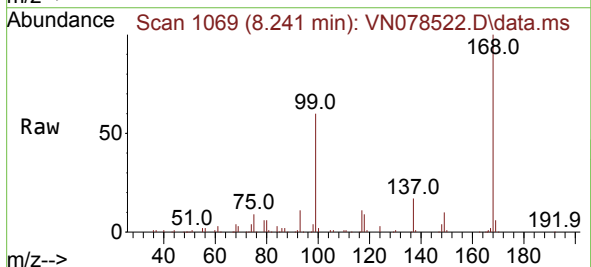


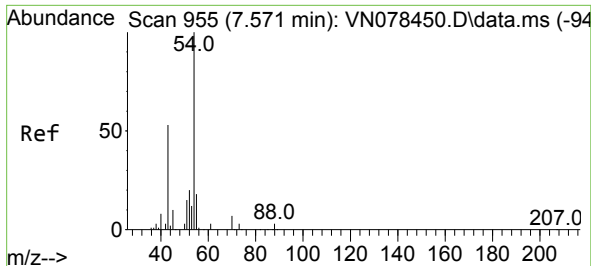
Tgt Ion:113 Resp: 282671
Ion Ratio Lower Upper
113 100
111 100.0 82.6 123.8
192 17.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.745 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Tgt Ion: 75 Resp: 34499
Ion Ratio Lower Upper
75 100
110 8.1 19.1 57.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 137.337 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.077 min

Lab File: VN078522.D

Acq: 14 Jul 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :

713-C

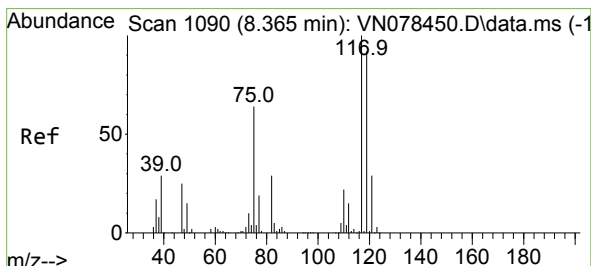
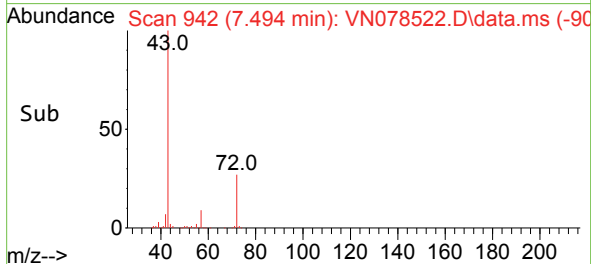
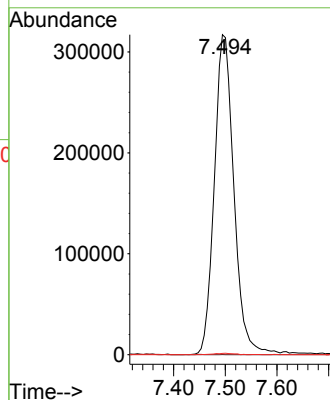
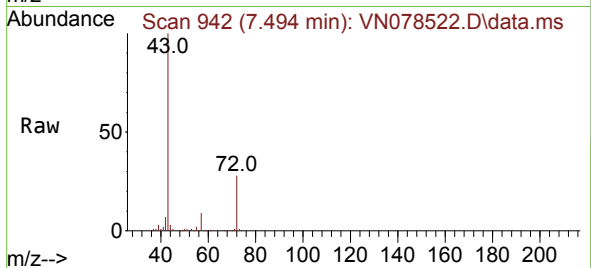
Tgt Ion: 43 Resp: 832337

Ion Ratio Lower Upper

43 100

61 0.0 13.2 19.8#

70 0.5 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 5.674 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN078522.D

Acq: 14 Jul 2023 15:11

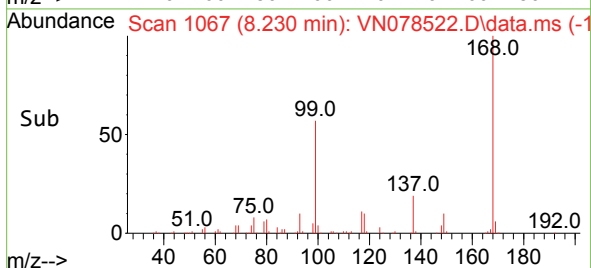
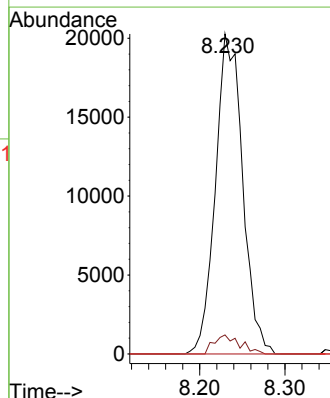
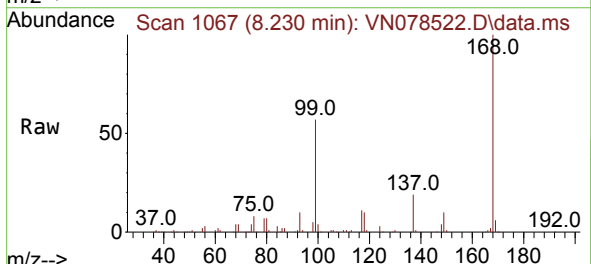
Tgt Ion: 117 Resp: 44830

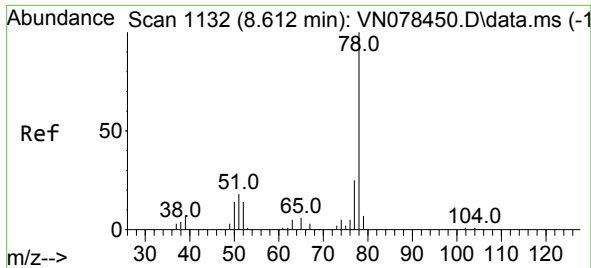
Ion Ratio Lower Upper

117 100

119 5.9 77.3 115.9#

121 0.0 23.3 34.9#

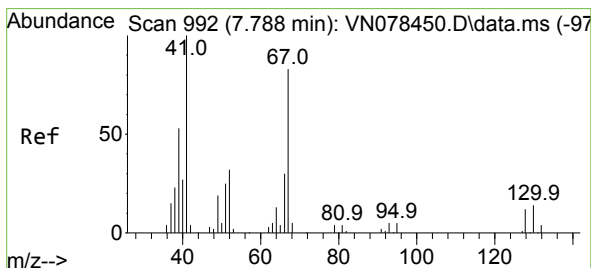
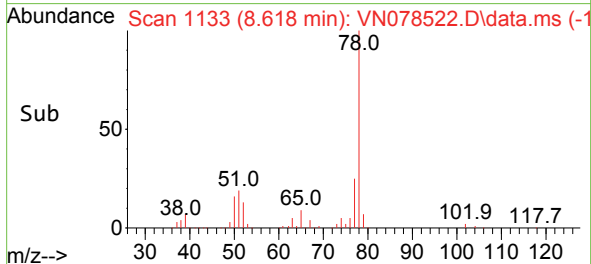
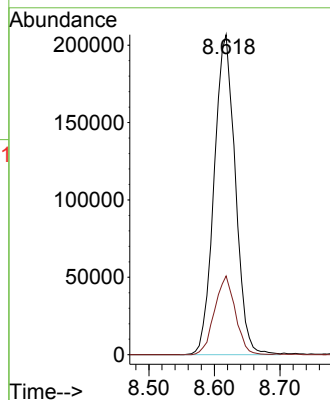
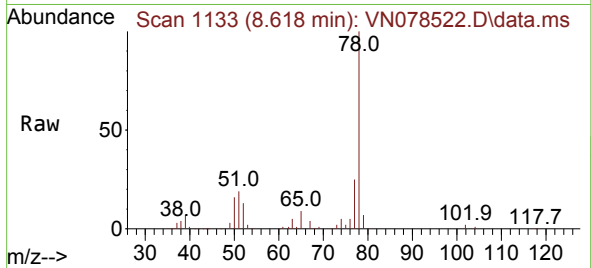




#40
Benzene
Concen: 21.487 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

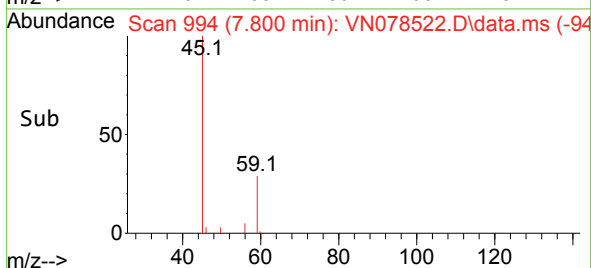
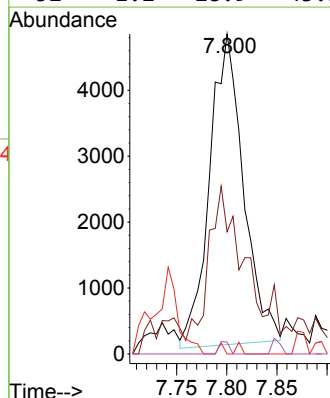
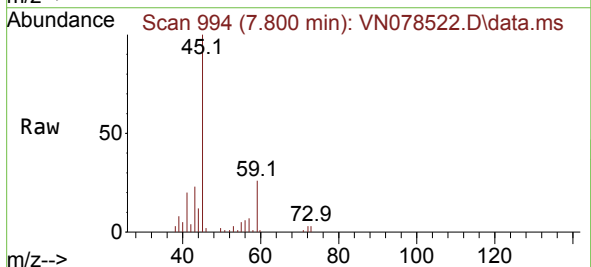
Instrument :
MSVOA_N
ClientSampleId :
713-C

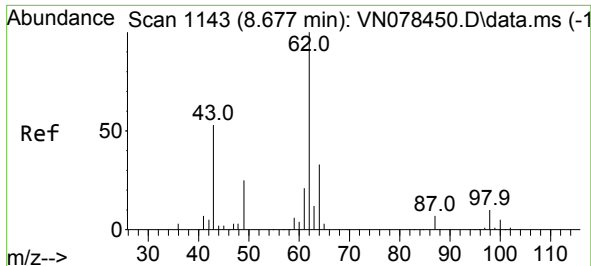
Tgt Ion: 78 Resp: 462809
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6



#41
Methacrylonitrile
Concen: 3.589 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.012 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Tgt Ion: 41 Resp: 11088
Ion Ratio Lower Upper
41 100
39 46.8 42.6 64.0
67 0.0 77.5 116.3#
52 1.2 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 0.611 ug/l

RT: 8.606 min Scan# 1143

Delta R.T. -0.071 min

Lab File: VN078522.D

Acq: 14 Jul 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :

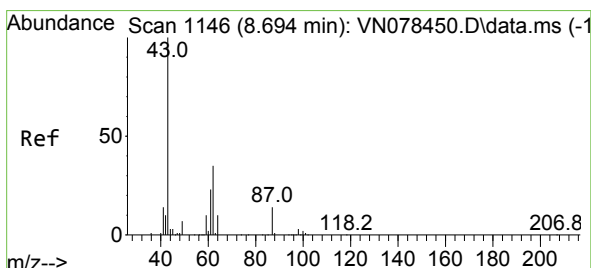
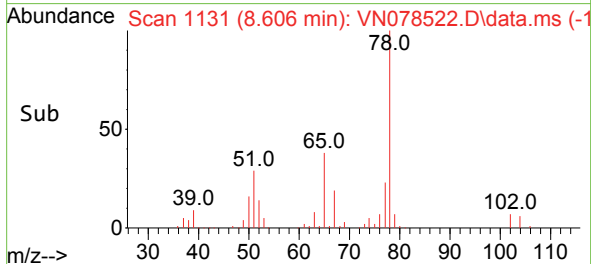
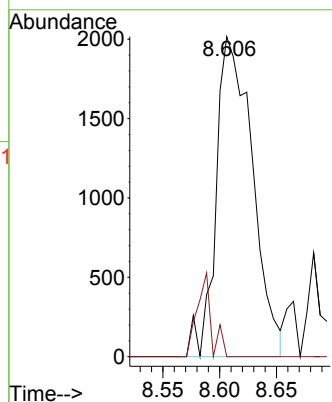
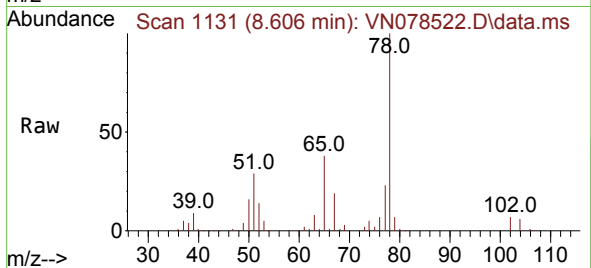
713-C

Tgt Ion: 62 Resp: 4476

Ion Ratio Lower Upper

62 100

98 10.3 0.0 19.8



#43

Isopropyl Acetate

Concen: 0.697 ug/l

RT: 8.712 min Scan# 1149

Delta R.T. 0.018 min

Lab File: VN078522.D

Acq: 14 Jul 2023 15:11

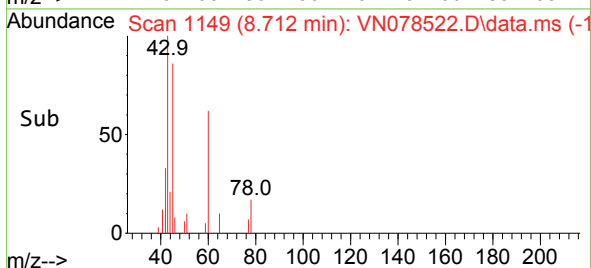
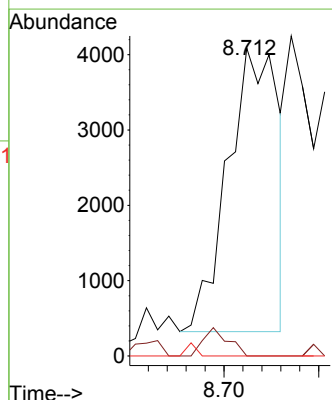
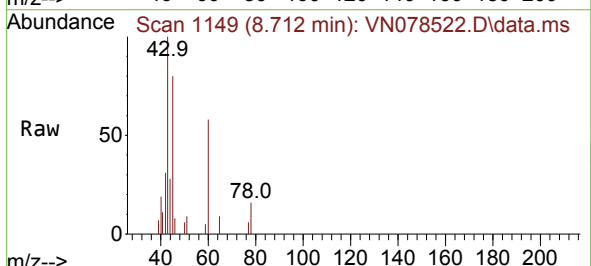
Tgt Ion: 43 Resp: 6950

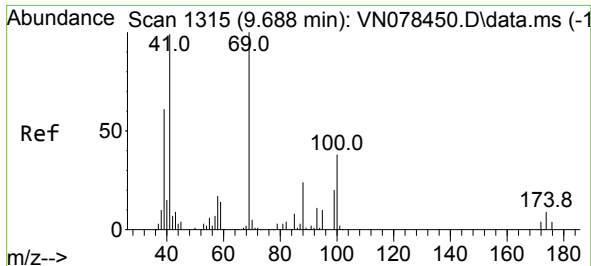
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#

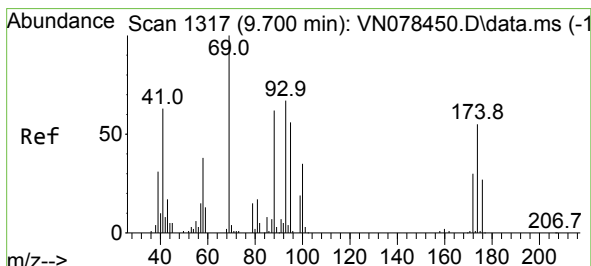
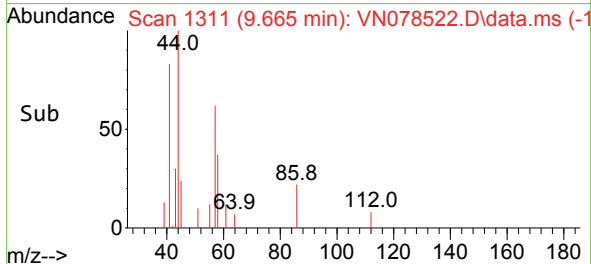
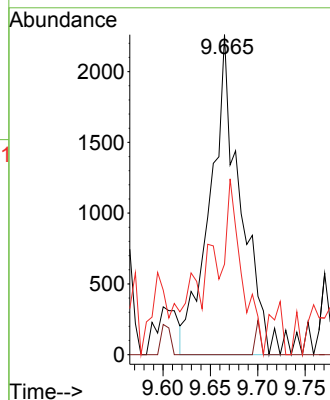
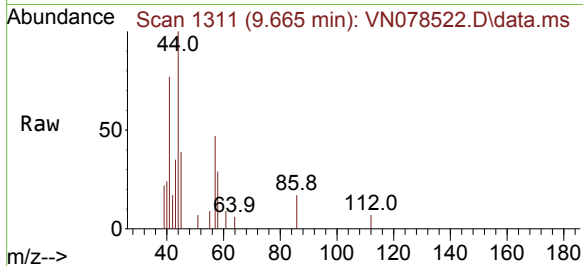




#48
Methyl methacrylate
Concen: 1.072 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.023 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

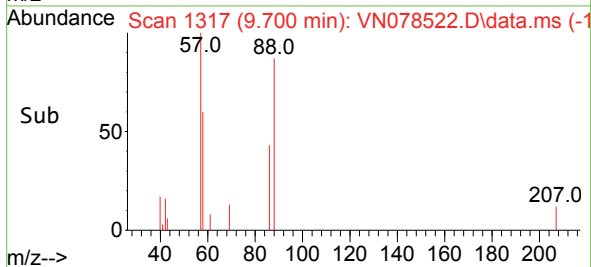
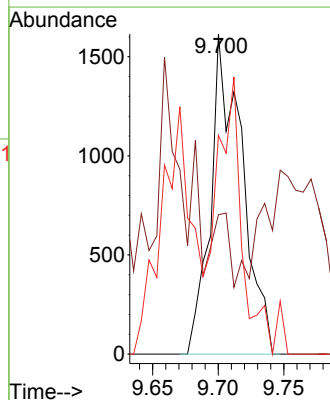
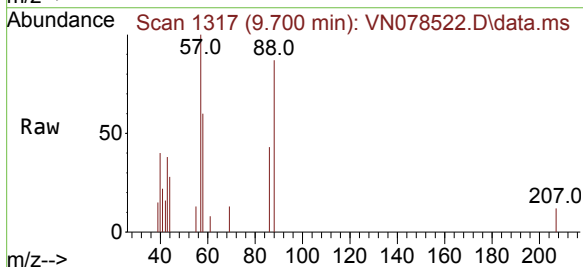
Instrument :
MSVOA_N
ClientSampleId :
713-C

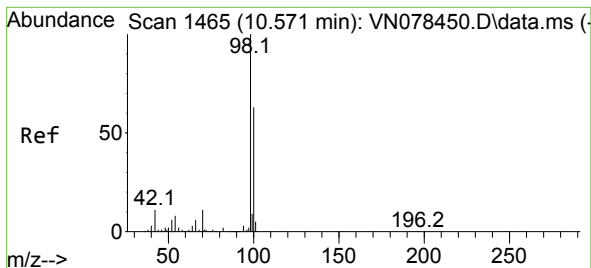
Tgt Ion: 41 Resp: 4954
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 31.0 54.6 81.8#



#49
1,4-Dioxane
Concen: 26.624 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Tgt Ion: 88 Resp: 2684
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 71.8 47.0 70.4#

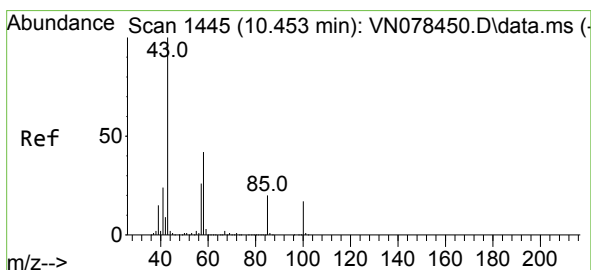
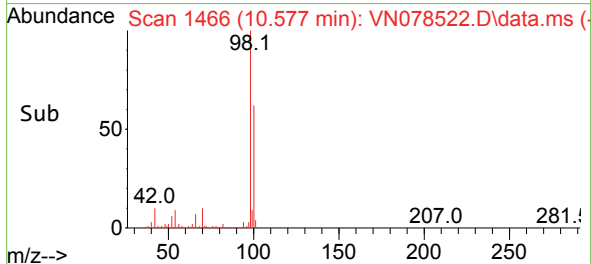
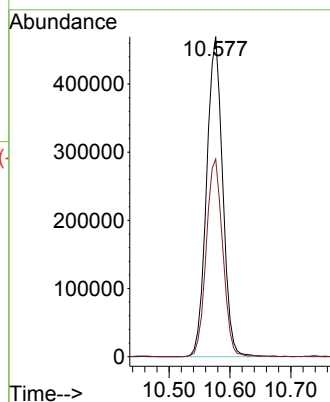
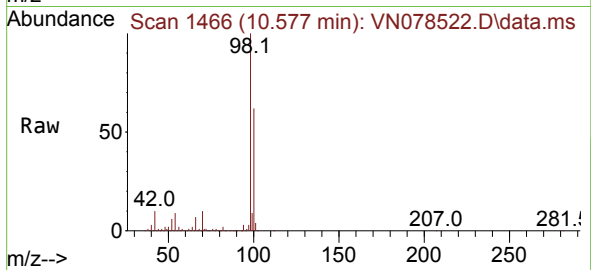




#50
Toluene-d8
Concen: 45.278 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

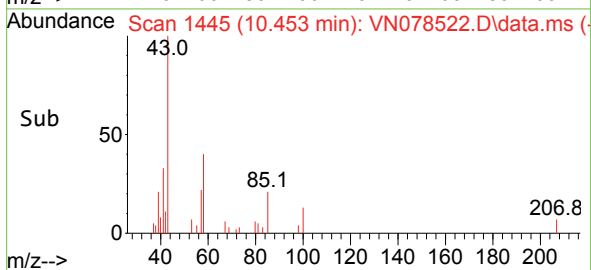
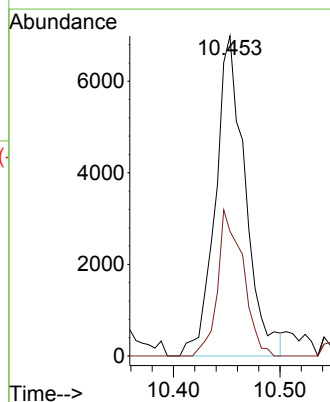
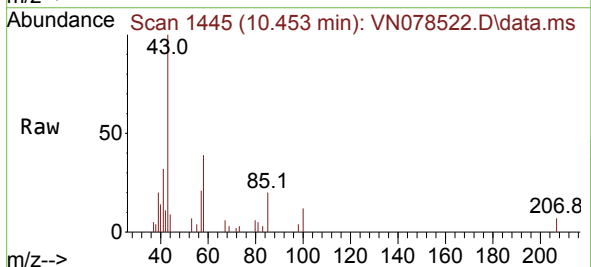
Instrument :
MSVOA_N
ClientSampleId :
713-C

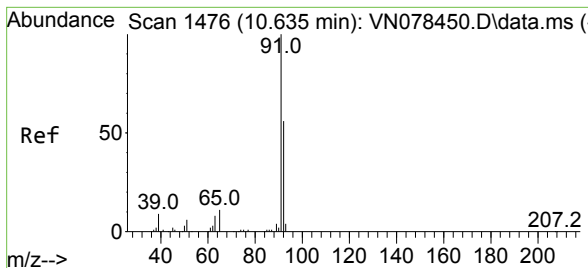
Tgt Ion: 98 Resp: 861238
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 2.285 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Tgt Ion: 43 Resp: 13560
Ion Ratio Lower Upper
43 100
58 39.0 36.6 54.8





#52

Toluene

Concen: 23.521 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN078522.D

Acq: 14 Jul 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :

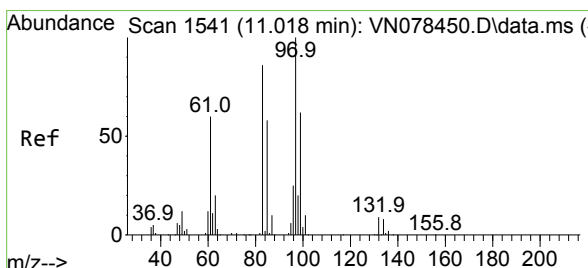
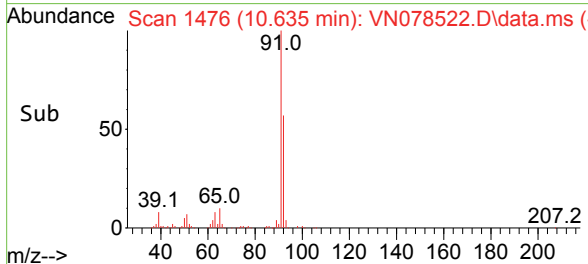
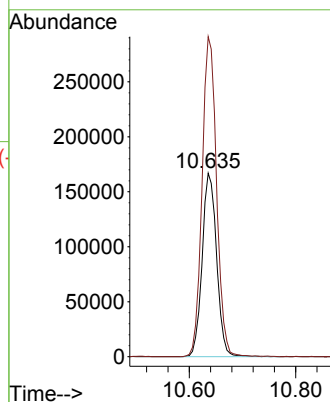
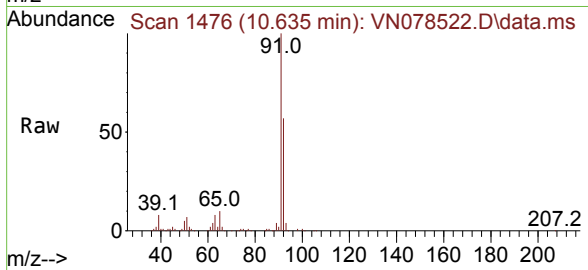
713-C

Tgt Ion: 92 Resp: 313989

Ion Ratio Lower Upper

92 100

91 175.1 137.4 206.0



#55

1,1,2-Trichloroethane

Concen: 0.740 ug/l

RT: 10.888 min Scan# 1519

Delta R.T. -0.130 min

Lab File: VN078522.D

Acq: 14 Jul 2023 15:11

Tgt Ion: 97 Resp: 3890

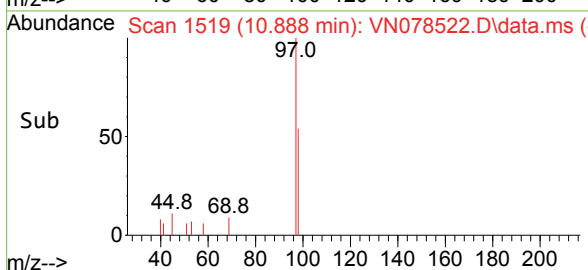
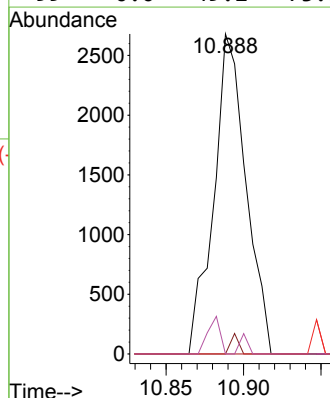
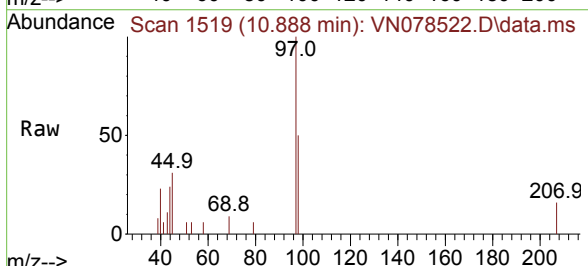
Ion Ratio Lower Upper

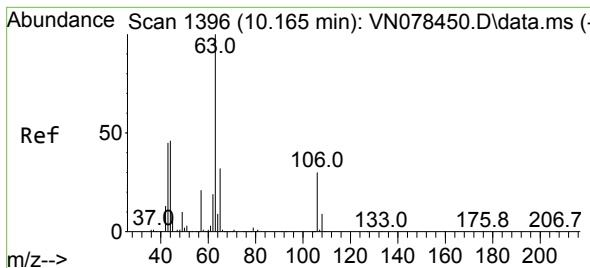
97 100

83 0.0 65.1 97.7#

85 0.0 43.4 65.2#

99 0.0 49.2 73.8#

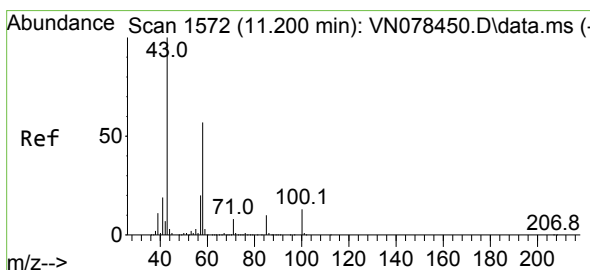
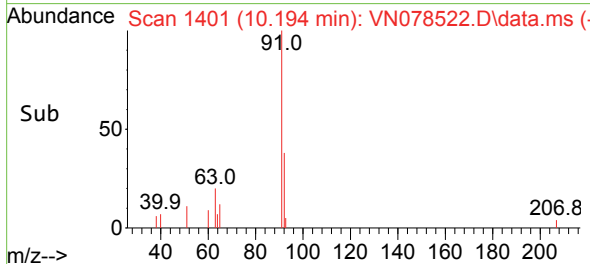
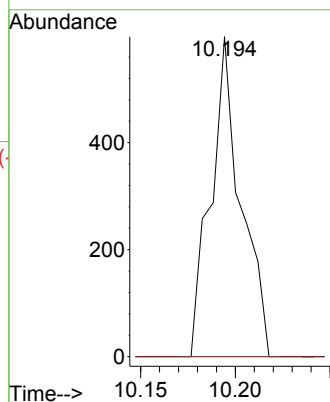
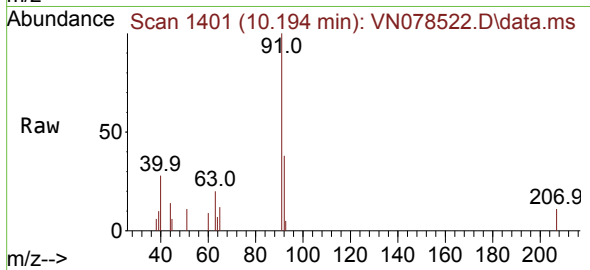




#58
2-Chloroethyl Vinyl ether
Concen: 0.253 ug/l
RT: 10.194 min Scan# 1401
Delta R.T. 0.029 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

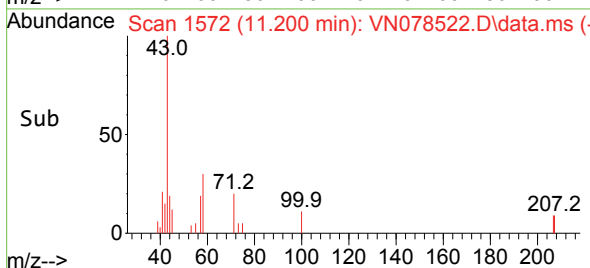
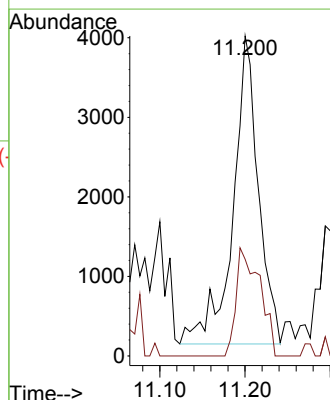
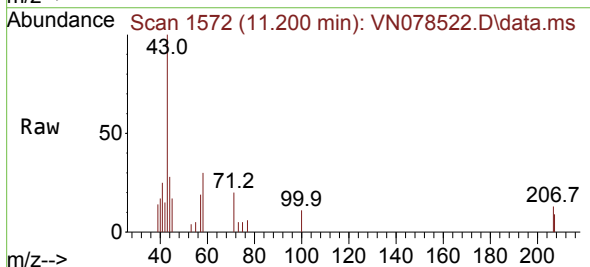
Instrument :
MSVOA_N
ClientSampleId :
713-C

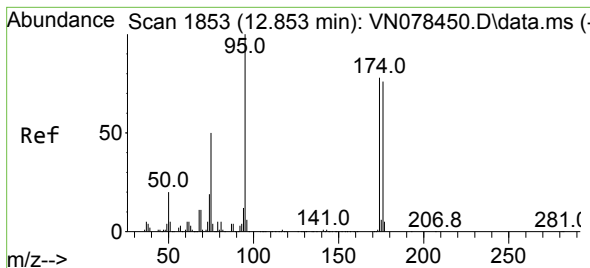
Tgt Ion: 63 Resp: 662
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#



#59
2-Hexanone
Concen: 1.900 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Tgt Ion: 43 Resp: 8015
Ion Ratio Lower Upper
43 100
58 32.8 31.7 95.1

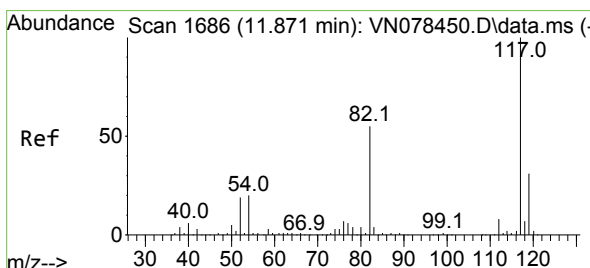
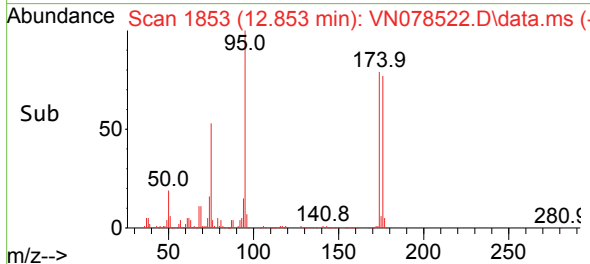
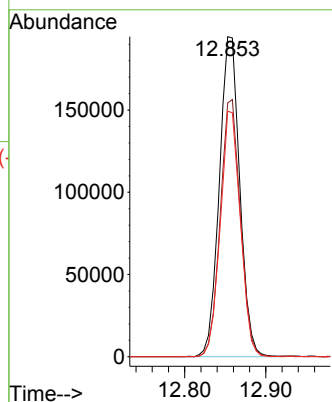
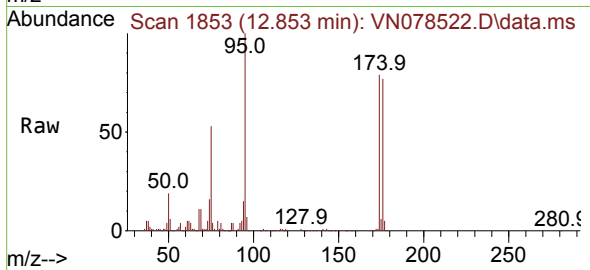




#62
4-Bromofluorobenzene
Concen: 58.125 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

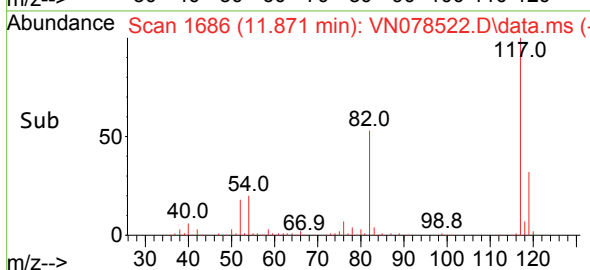
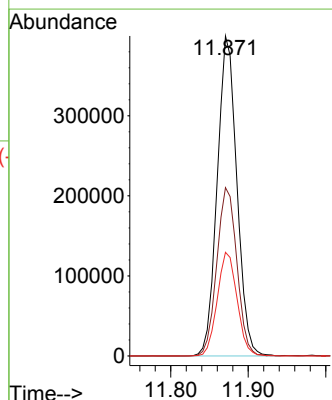
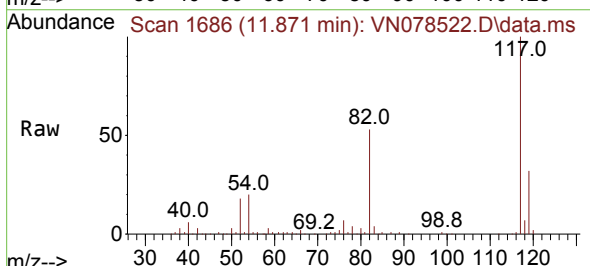
Instrument :
MSVOA_N
ClientSampleId :
713-C

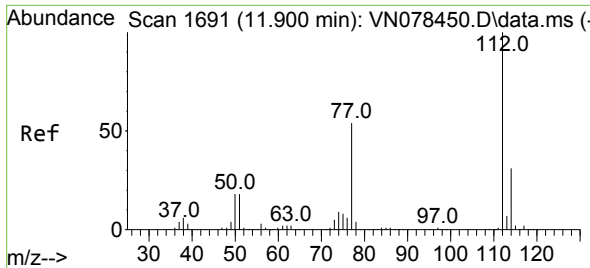
Tgt Ion: 95 Resp: 340545
Ion Ratio Lower Upper
95 100
174 79.4 0.0 143.8
176 75.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Tgt Ion: 117 Resp: 704211
Ion Ratio Lower Upper
117 100
82 52.6 44.0 66.0
119 32.4 25.6 38.4

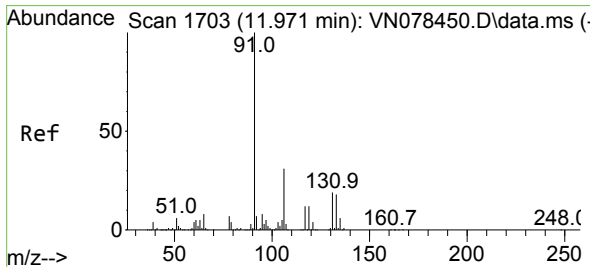
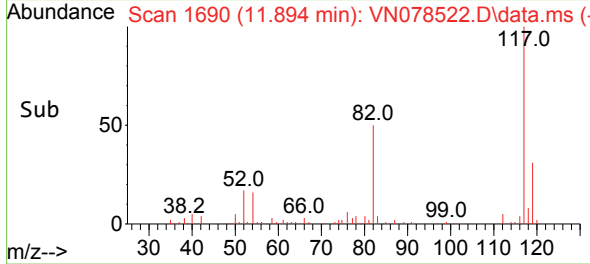
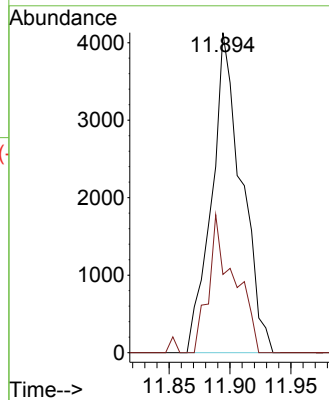
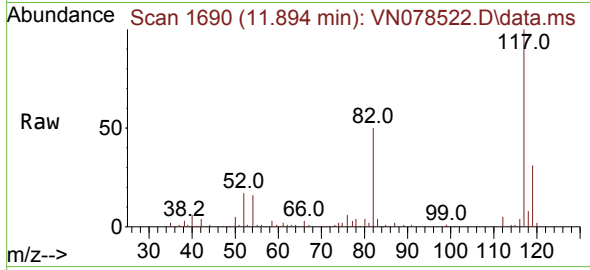




#65
Chlorobenzene
Concen: 0.448 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

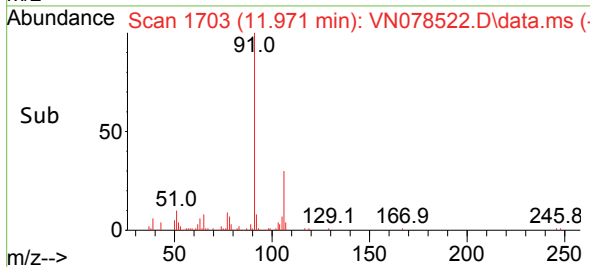
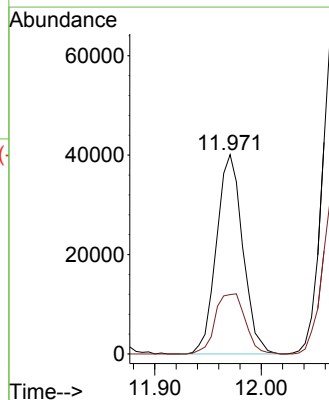
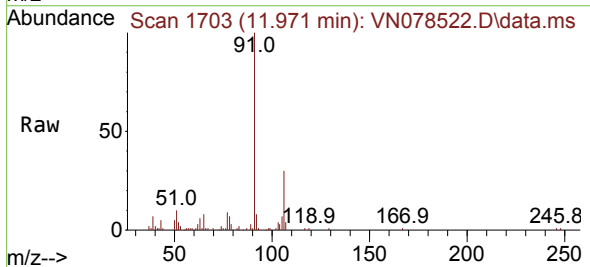
Instrument :
MSVOA_N
ClientSampleId :
713-C

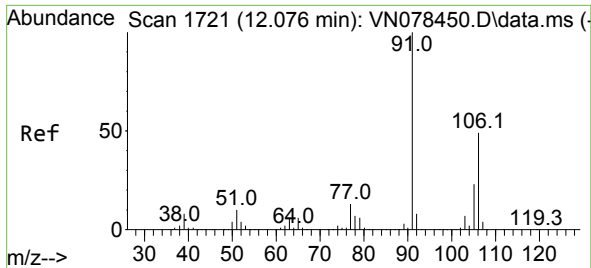
Tgt Ion:112 Resp: 7045
Ion Ratio Lower Upper
112 100
114 24.4 25.0 37.4#



#67
Ethyl Benzene
Concen: 2.590 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Tgt Ion: 91 Resp: 68922
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

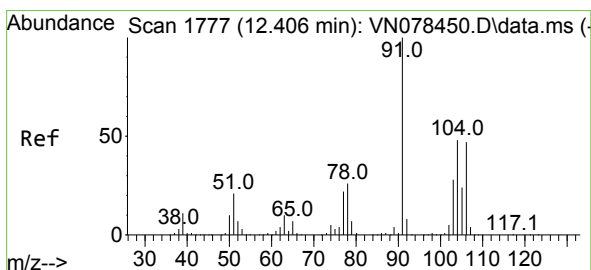
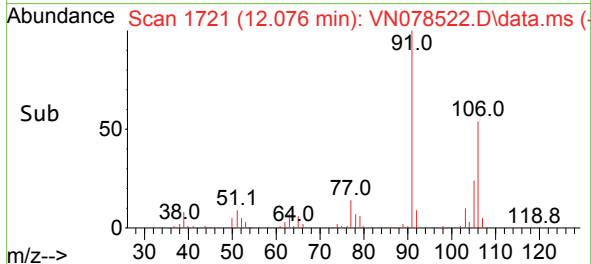
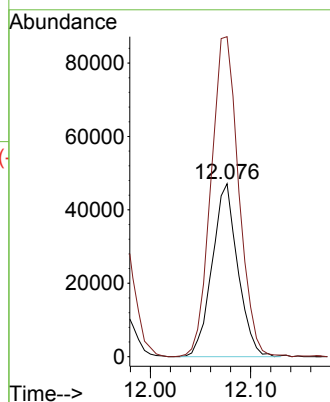
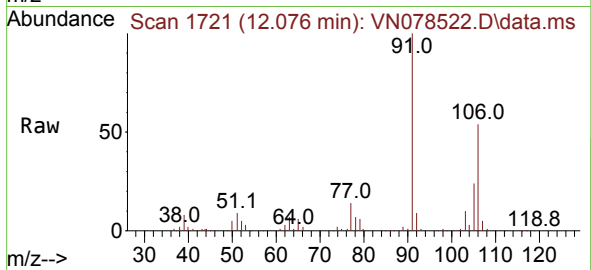




#68
m/p-Xylenes
Concen: 8.503 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

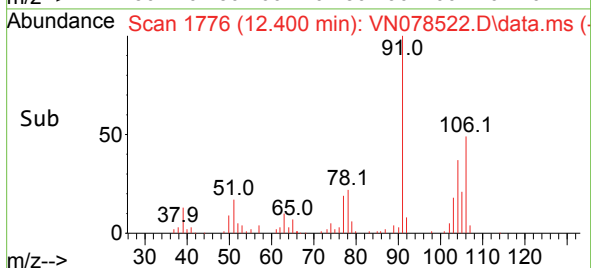
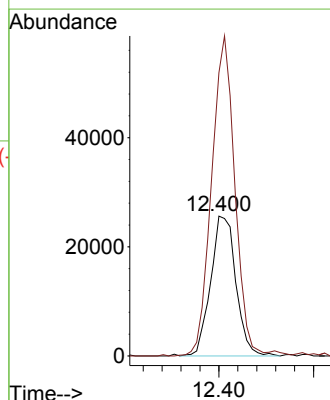
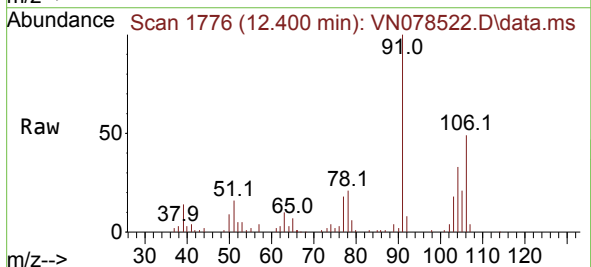
Instrument :
MSVOA_N
ClientSampleId :
713-C

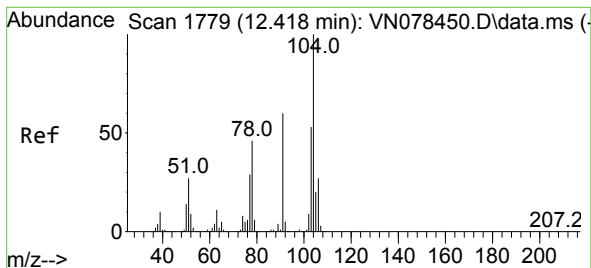
Tgt Ion:106 Resp: 83652
Ion Ratio Lower Upper
106 100
91 200.6 159.6 239.4



#69
o-Xylene
Concen: 4.773 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Tgt Ion:106 Resp: 47429
Ion Ratio Lower Upper
106 100
91 210.4 105.2 315.5





#70

Styrene

Concen: 6.536 ug/l

RT: 12.418 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078522.D

Acq: 14 Jul 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :

713-C

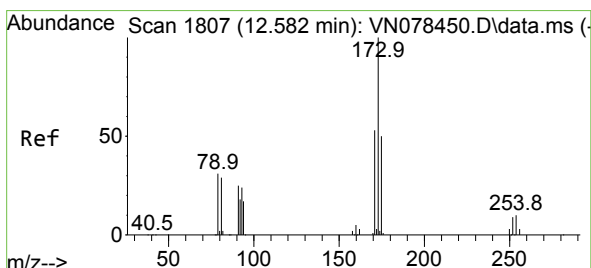
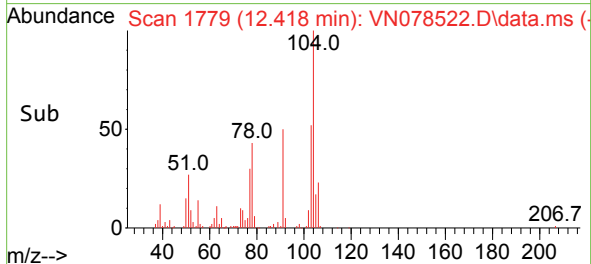
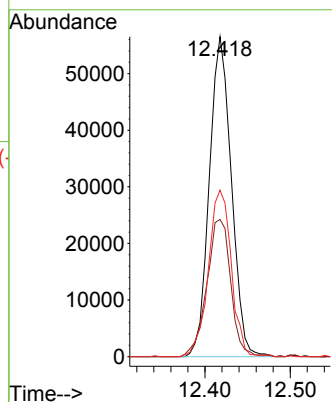
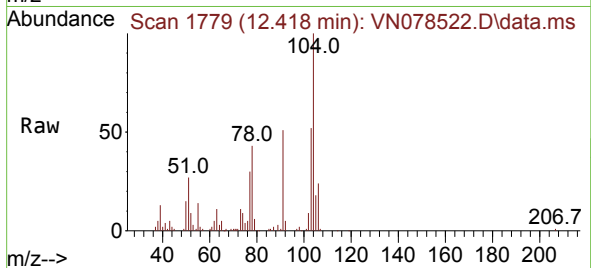
Tgt Ion:104 Resp: 101606

Ion Ratio Lower Upper

104 100

78 46.5 39.5 59.3

103 54.2 43.2 64.8



#71

Bromoform

Concen: 0.563 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN078522.D

Acq: 14 Jul 2023 15:11

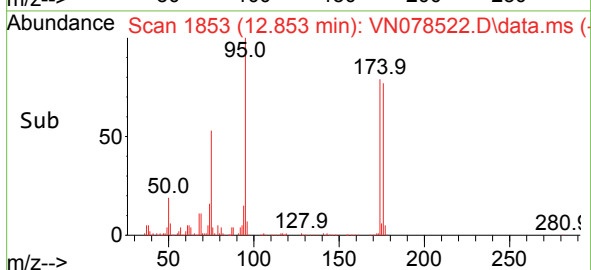
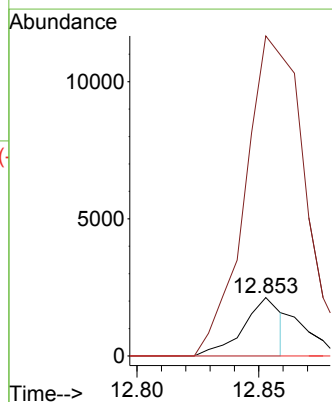
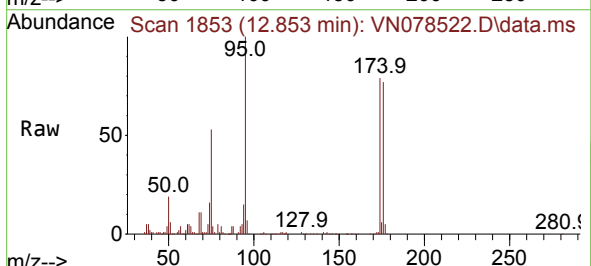
Tgt Ion:173 Resp: 2307

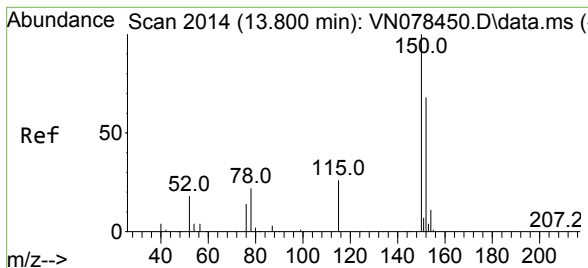
Ion Ratio Lower Upper

173 100

175 570.5 24.3 73.0#

254 0.0 0.0 0.0

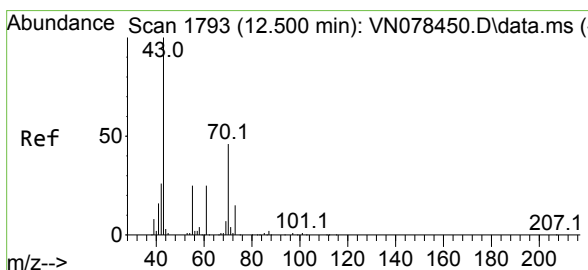
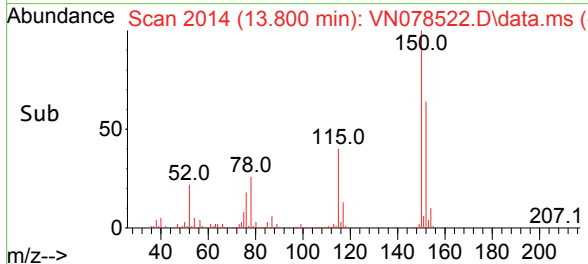
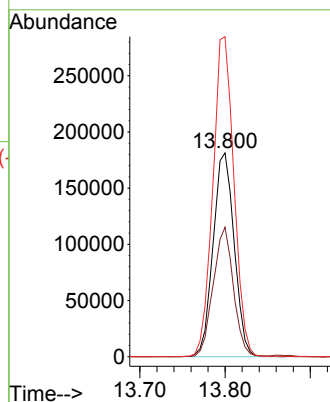
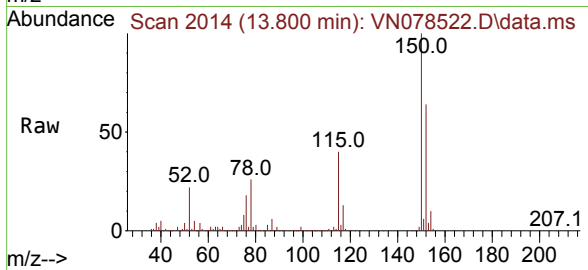




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN078522.D
 Acq: 14 Jul 2023 15:11

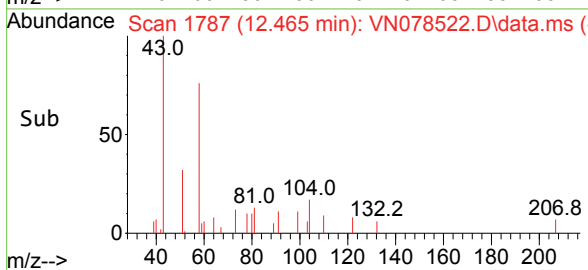
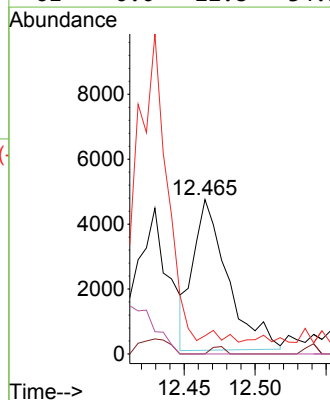
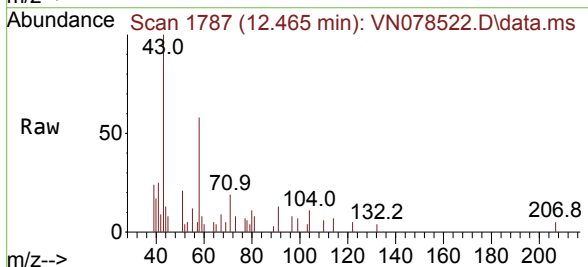
Instrument :
 MSVOA_N
 ClientSampleId :
 713-C

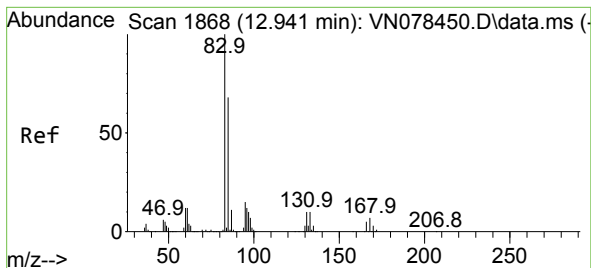
Tgt Ion:152 Resp: 311602
 Ion Ratio Lower Upper
 152 100
 115 61.1 32.3 96.8
 150 157.1 0.0 355.8



#74
 N-ethyl acetate
 Concen: 0.779 ug/l
 RT: 12.465 min Scan# 1787
 Delta R.T. -0.035 min
 Lab File: VN078522.D
 Acq: 14 Jul 2023 15:11

Tgt Ion: 43 Resp: 7865
 Ion Ratio Lower Upper
 43 100
 70 1.9 43.4 65.2#
 55 0.0 21.4 32.0#
 61 0.0 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.947 min Scan# 1869

Delta R.T. 0.006 min

Lab File: VN078522.D

Acq: 14 Jul 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :

713-C

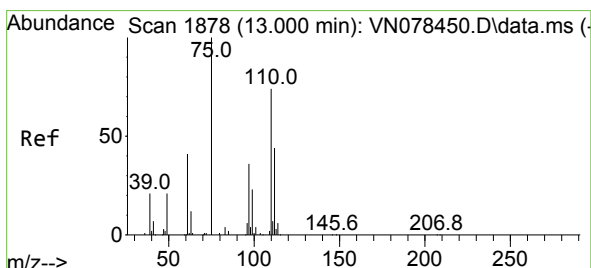
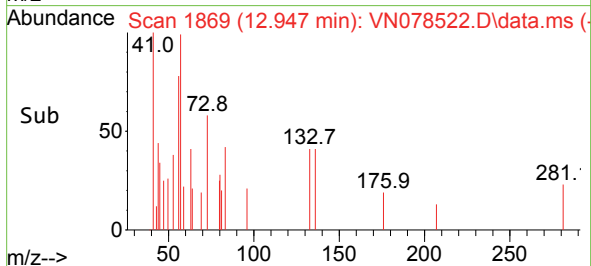
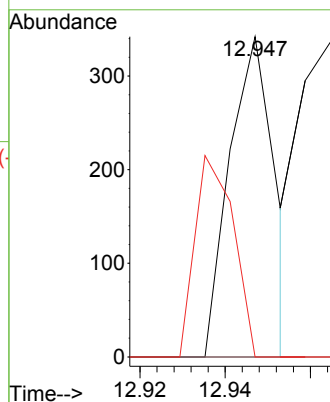
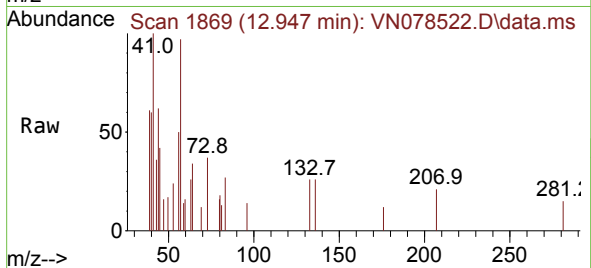
Tgt Ion: 83 Resp: 255

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 52.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 23.784 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078522.D

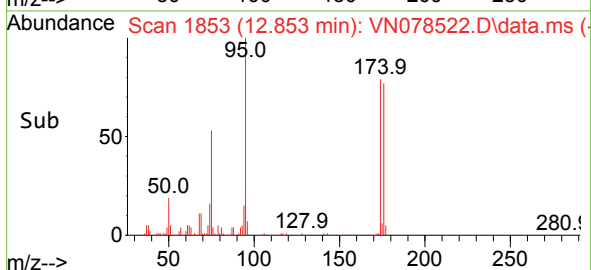
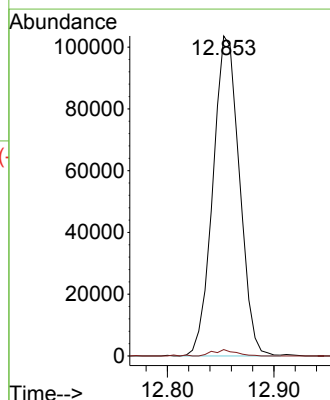
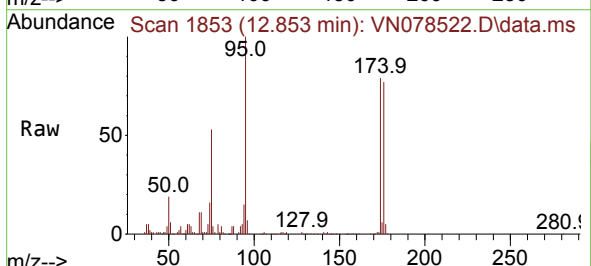
Acq: 14 Jul 2023 15:11

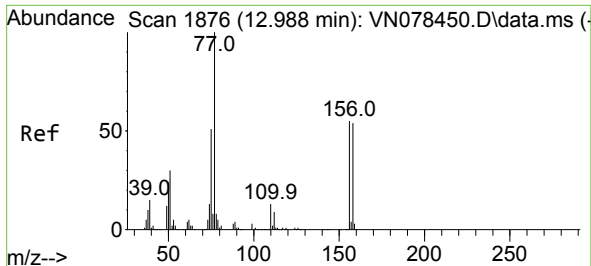
Tgt Ion: 75 Resp: 179135

Ion Ratio Lower Upper

75 100

77 1.7 84.5 253.5#

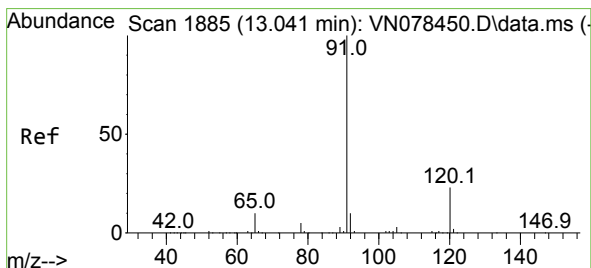
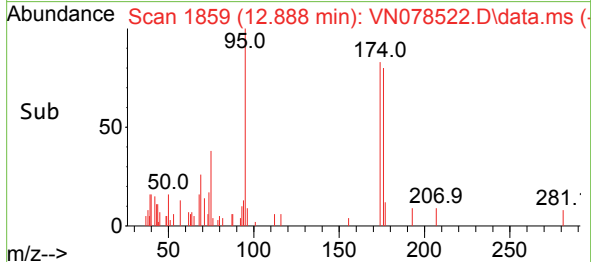
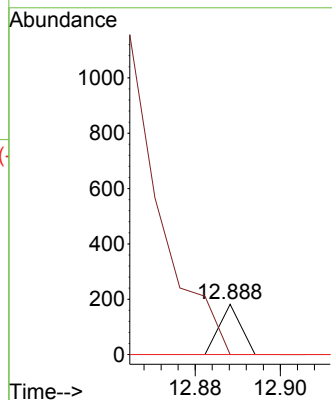
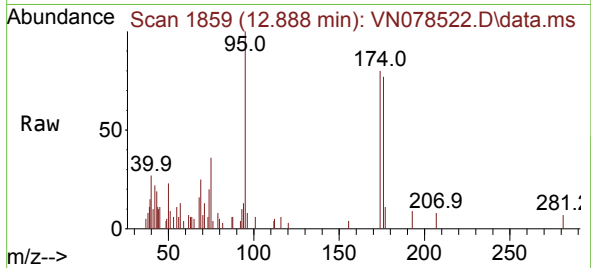




#77
Bromobenzene
Concen: Below Cal
RT: 12.888 min Scan# 1876
Delta R.T. -0.100 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

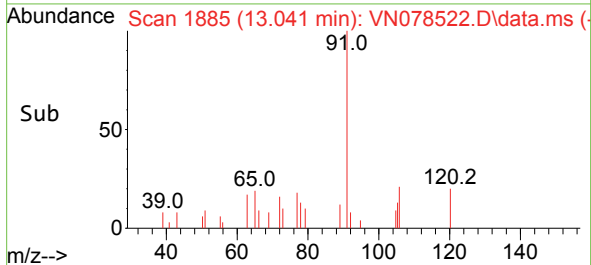
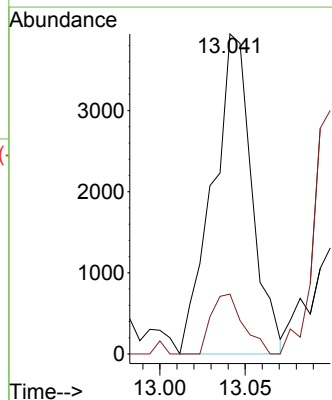
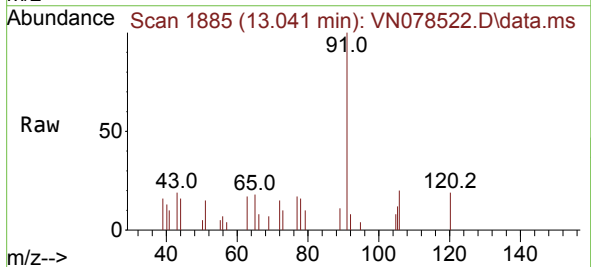
Instrument :
MSVOA_N
ClientSampleId :
713-C

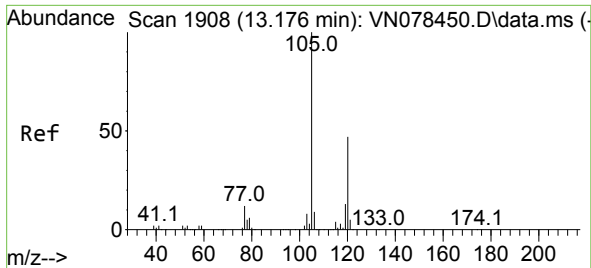
Tgt Ion:156 Resp: 64
Ion Ratio Lower Upper
156 100
77 0.0 107.7 323.3#
158 0.0 48.4 145.3#



#78
n-propylbenzene
Concen: 0.201 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Tgt Ion: 91 Resp: 6296
Ion Ratio Lower Upper
91 100
120 15.4 11.5 34.4

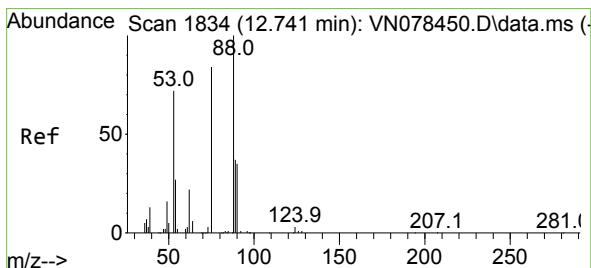
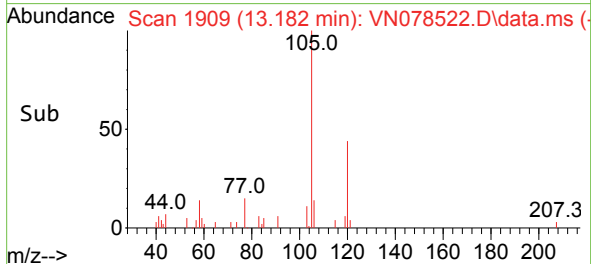
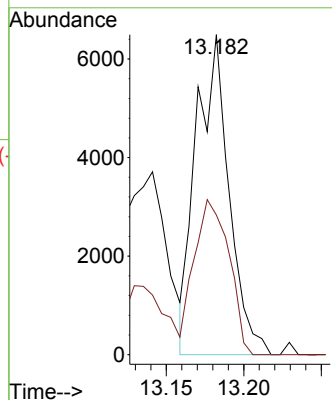
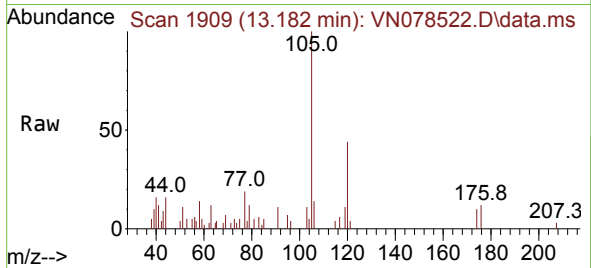




#80
1,3,5-Trimethylbenzene
Concen: 0.412 ug/l
RT: 13.182 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

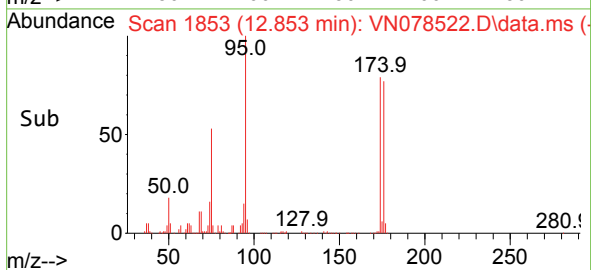
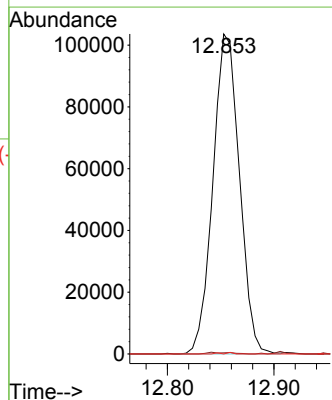
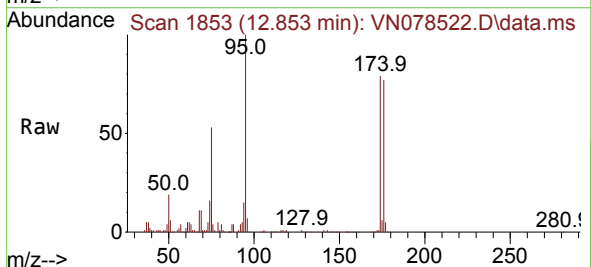
Instrument :
MSVOA_N
ClientSampleId :
713-C

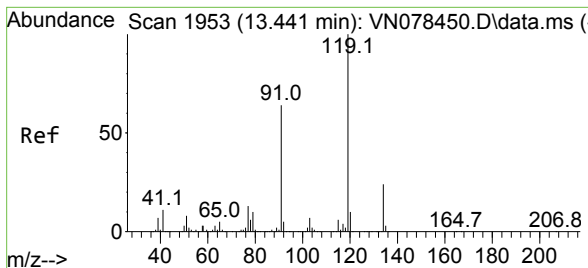
Tgt Ion:105 Resp: 9530
Ion Ratio Lower Upper
105 100
120 51.7 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 62.499 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Tgt Ion: 75 Resp: 179135
Ion Ratio Lower Upper
75 100
53 0.4 67.4 101.2#
89 0.1 38.8 58.2#





#83

tert-Butylbenzene

Concen: 0.288 ug/l

RT: 13.488 min Scan# 1953

Delta R.T. 0.047 min

Lab File: VN078522.D

Acq: 14 Jul 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :

713-C

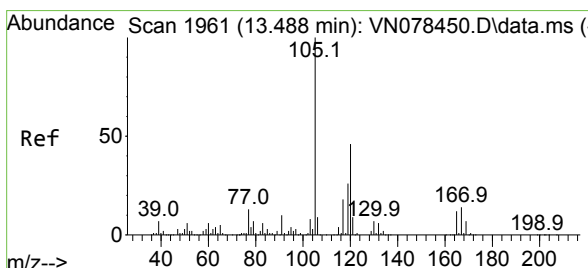
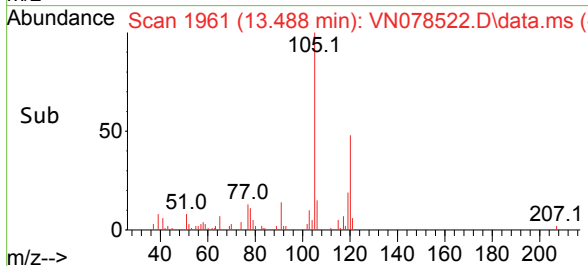
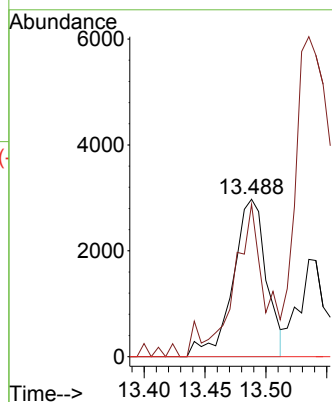
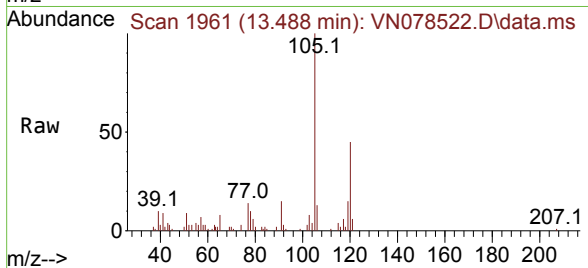
Tgt Ion:119 Resp: 5651

Ion Ratio Lower Upper

119 100

91 83.3 33.9 101.7

134 0.0 13.2 39.6#



#84

1,2,4-Trimethylbenzene

Concen: 1.673 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.006 min

Lab File: VN078522.D

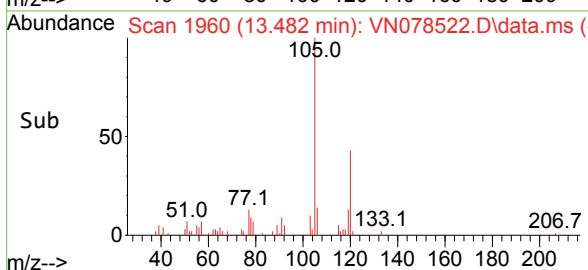
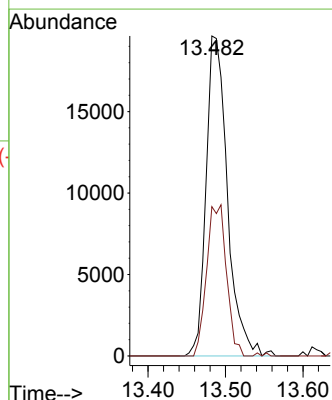
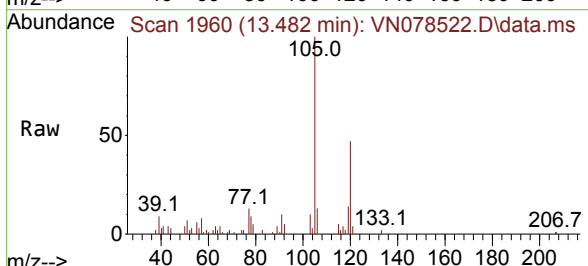
Acq: 14 Jul 2023 15:11

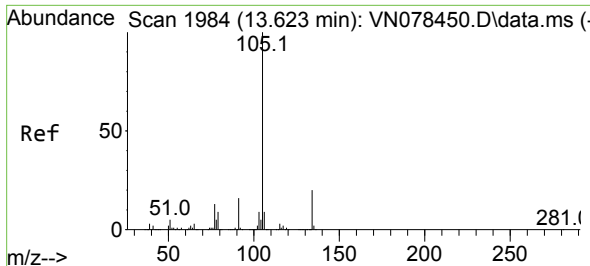
Tgt Ion:105 Resp: 37589

Ion Ratio Lower Upper

105 100

120 43.8 22.0 66.0

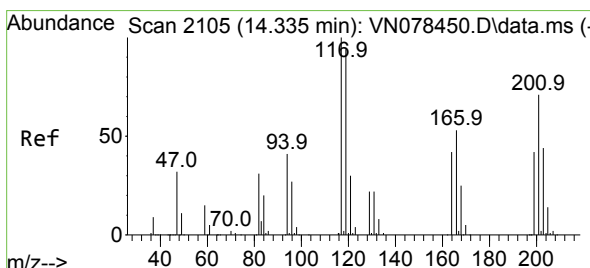
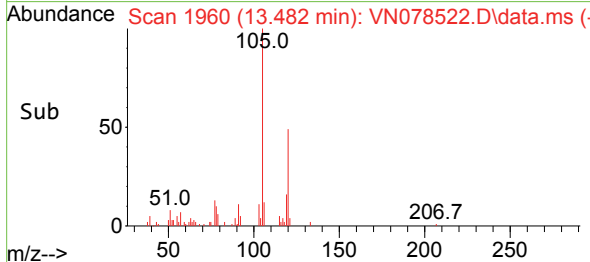
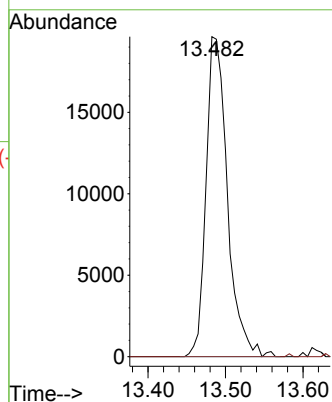
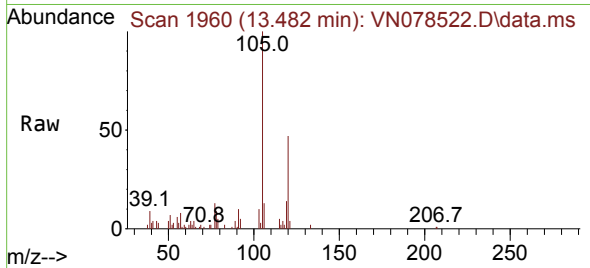




#85
 sec-Butylbenzene
 Concen: 1.514 ug/l
 RT: 13.482 min Scan# 1984
 Delta R.T. -0.141 min
 Lab File: VN078522.D
 Acq: 14 Jul 2023 15:11

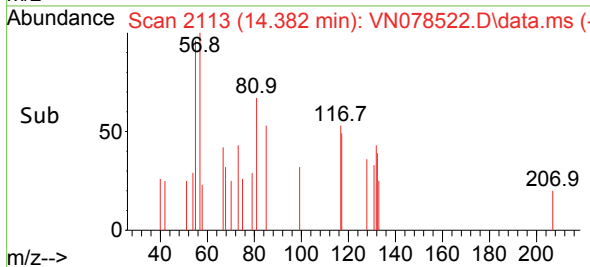
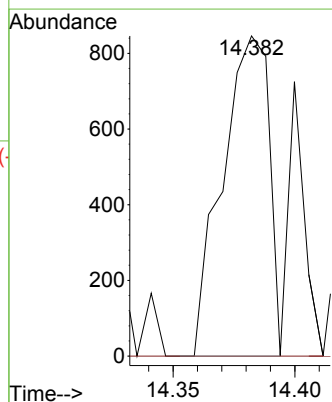
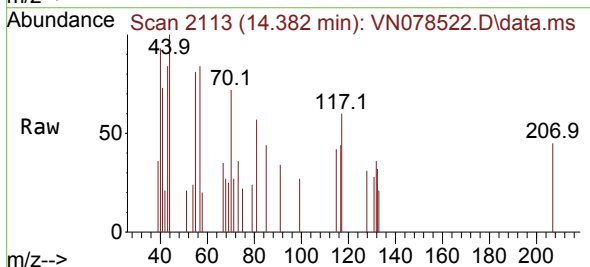
Instrument :
 MSVOA_N
 ClientSampleId :
 713-C

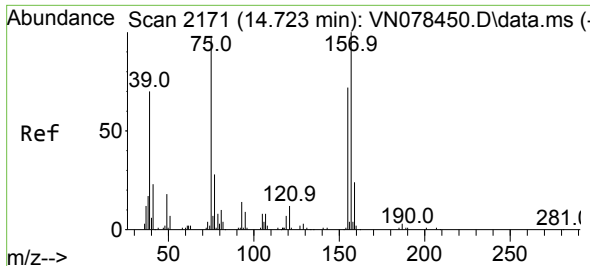
Tgt Ion:105 Resp: 37589
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 14.382 min Scan# 2113
 Delta R.T. 0.047 min
 Lab File: VN078522.D
 Acq: 14 Jul 2023 15:11

Tgt Ion:117 Resp: 1128
 Ion Ratio Lower Upper
 117 100
 201 0.0 29.3 88.0#

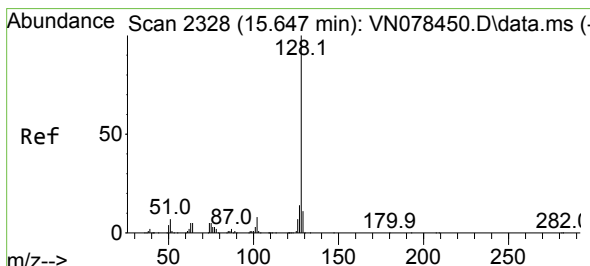
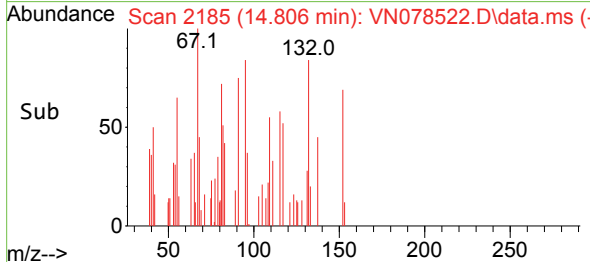
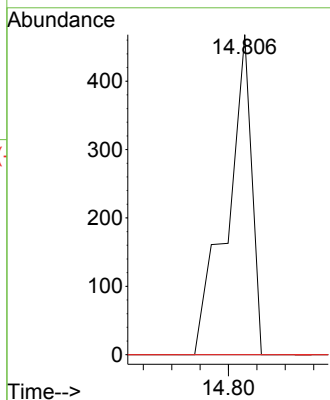
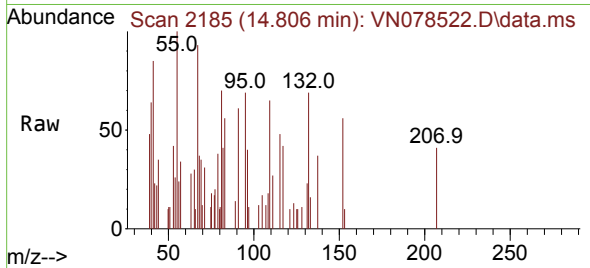




#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.806 min Scan# 2171
Delta R.T. 0.083 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Instrument :
MSVOA_N
ClientSampleId :
713-C

Tgt Ion: 75 Resp: 280
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#



#95
Naphthalene
Concen: 12.992 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078522.D
Acq: 14 Jul 2023 15:11

Tgt Ion: 128 Resp: 158562
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 11.2 8.7 13.1

