

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
 Data File : VN078572.D
 Acq On : 19 Jul 2023 11:03
 Operator : JC\MD
 Sample : VN0719MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719MBL01

Quant Time: Jul 20 01:29:24 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	8.235	168	395184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	706289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	723740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	223170	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	260632	49.196	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.400%
35) Dibromofluoromethane	8.177	113	258873	53.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.980%
50) Toluene-d8	10.571	98	837831	46.258	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.520%
62) 4-Bromofluorobenzene	12.853	95	276190	49.506	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.020%

Target Compounds			Qvalue			
3) Chloromethane	2.377	50	1885	0.358 ug/l	#	84
5) Bromomethane	2.983	94	2814	Below Cal		81
6) Chloroethane	3.124	64	421	Below Cal	#	43
10) Methyl Iodide	4.606	142	2306	0.389 ug/l	#	70
13) Acrolein	4.194	56	944	1.174 ug/l	#	34
15) Acrylonitrile	5.724	53	1188	0.576 ug/l	#	31
16) Acetone	4.459	43	2120	1.285 ug/l	#	40
18) Methyl Acetate	5.047	43	3856	0.552 ug/l	#	74
20) Methylene Chloride	5.289	84	592	Below Cal	#	60
23) Vinyl Acetate	6.630	43	1845	0.227 ug/l	#	62
25) 2-Butanone	7.500	43	1176	0.453 ug/l	#	37
29) Tetrahydrofuran	7.871	42	821	0.482 ug/l	#	25
31) Cyclohexane	8.241	56	8957	1.251 ug/l	#	63
36) 1,1-Dichloropropene	8.235	75	32510	4.696 ug/l	#	49
38) Carbon Tetrachloride	8.230	117	41078	5.460 ug/l	#	17
43) Isopropyl Acetate	8.712	43	10396	1.094 ug/l	#	49
49) 1,4-Dioxane	9.718	88	71	0.740 ug/l	#	1
51) 4-Methyl-2-Pentanone	10.447	43	3215	0.569 ug/l	#	72
58) 2-Chloroethyl Vinyl ether	10.171	63	4570	1.832 ug/l	#	67
59) 2-Hexanone	11.206	43	5135	1.278 ug/l		71
68) m/p-Xylenes	12.076	106	2293	0.227 ug/l		98
74) N-amyl acetate	12.500	43	1873	0.259 ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.935	83	1964	Below Cal		79
76) 1,2,3-Trichloropropane	12.853	75	146087	27.082 ug/l	#	1
77) Bromobenzene	12.988	156	1598	Below Cal		94
81) trans-1,4-Dichloro-2-b...	12.853	75	146087	71.166 ug/l	#	15
82) 4-Chlorotoluene	13.223	91	3369	0.246 ug/l		76
83) tert-Butylbenzene	13.441	119	3666	0.261 ug/l		76
84) 1,2,4-Trimethylbenzene	13.488	105	4001	0.249 ug/l		92
85) sec-Butylbenzene	13.623	105	5317	0.299 ug/l		94
86) p-Isopropyltoluene	13.735	119	4248	0.298 ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	3692	0.459 ug/l		96
88) 1,4-Dichlorobenzene	13.735	146	3692	0.455 ug/l		93
89) n-Butylbenzene	14.059	91	6572	0.643 ug/l		97
90) Hexachloroethane	14.341	117	757	Below Cal		96
91) 1,2-Dichlorobenzene	14.111	146	3596	0.449 ug/l		93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
Data File : VN078572.D
Acq On : 19 Jul 2023 11:03
Operator : JC\MD
Sample : VN0719MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

Quant Time: Jul 20 01:29:24 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

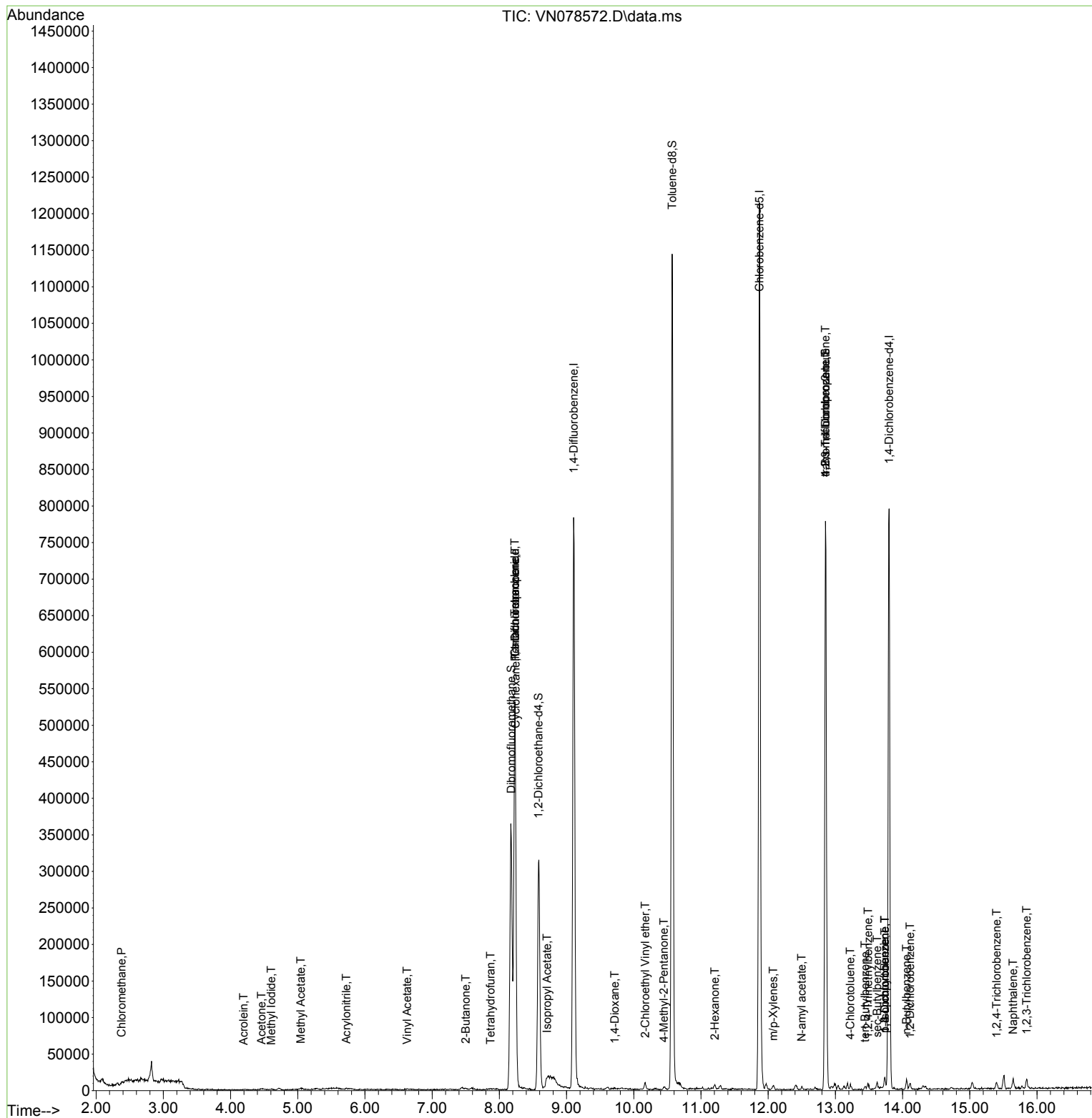
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.723	75	850	Below Cal	#	57
93) 1,2,4-Trichlorobenzene	15.400	180	2667	1.043 ug/l		84
94) Hexachlorobutadiene	15.511	225	3325	Below Cal		91
95) Naphthalene	15.647	128	12123	1.387 ug/l	#	94
96) 1,2,3-Trichlorobenzene	15.847	180	4737	1.611 ug/l		96

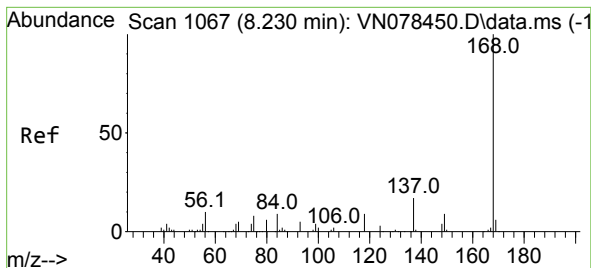
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
Data File : VN078572.D
Acq On : 19 Jul 2023 11:03
Operator : JC\MD
Sample : VN0719MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

Quant Time: Jul 20 01:29:24 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: 8.235 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN078572.D

Acq: 19 Jul 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

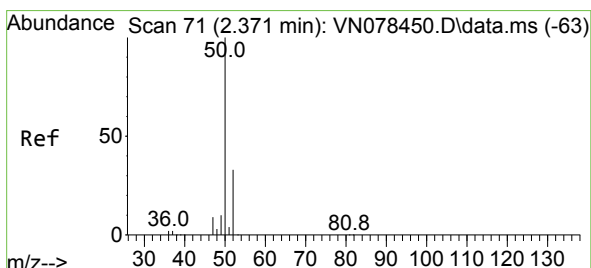
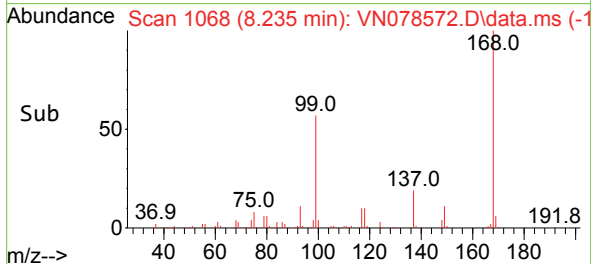
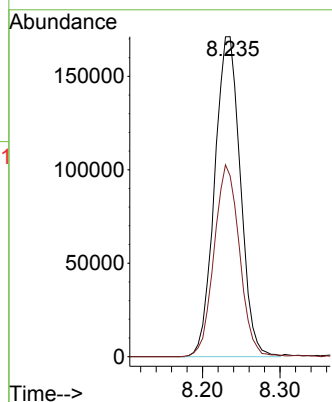
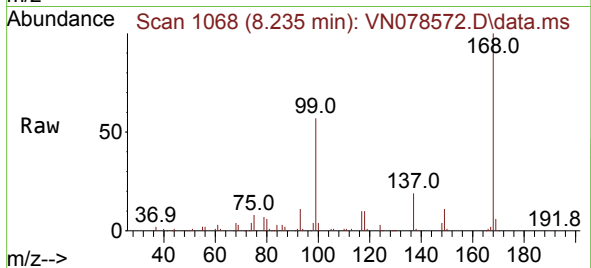
VN0719MBL01

Tgt Ion:168 Resp: 395184

Ion Ratio Lower Upper

168 100

99 56.5 53.0 79.6



#3

Chloromethane

Concen: 0.358 ug/l

RT: 2.377 min Scan# 72

Delta R.T. 0.006 min

Lab File: VN078572.D

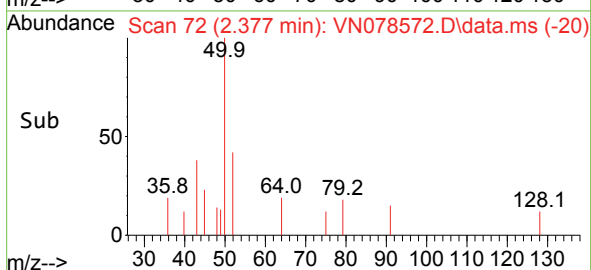
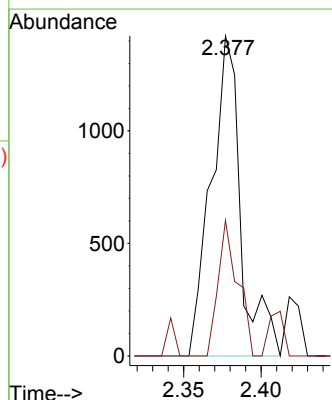
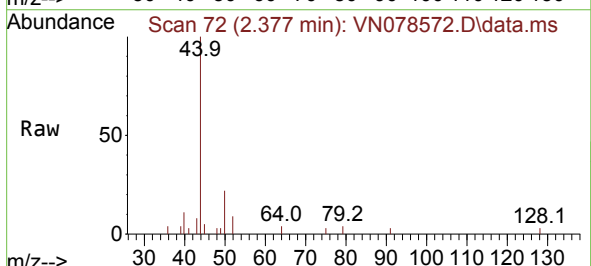
Acq: 19 Jul 2023 11:03

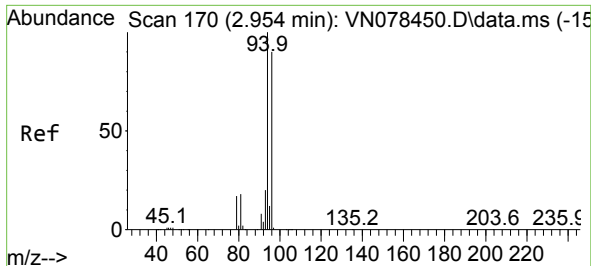
Tgt Ion: 50 Resp: 1885

Ion Ratio Lower Upper

50 100

52 42.4 26.5 39.7#

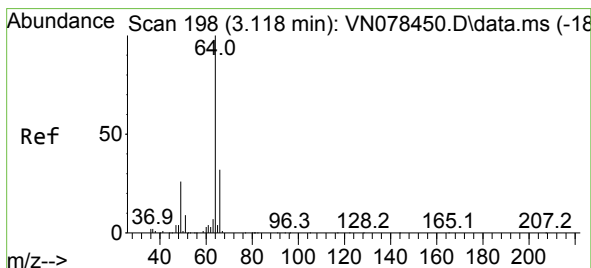
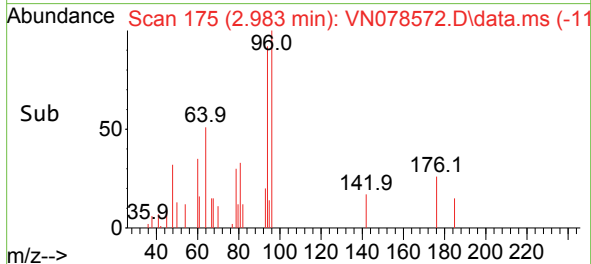
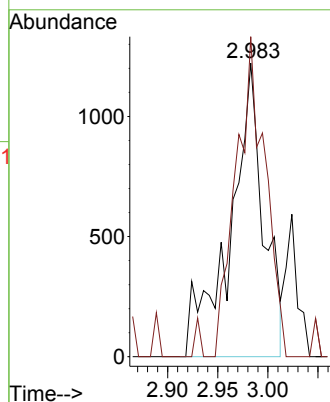
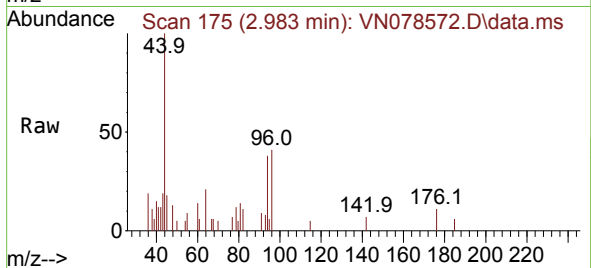




#5
Bromomethane
Concen: Below Cal
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

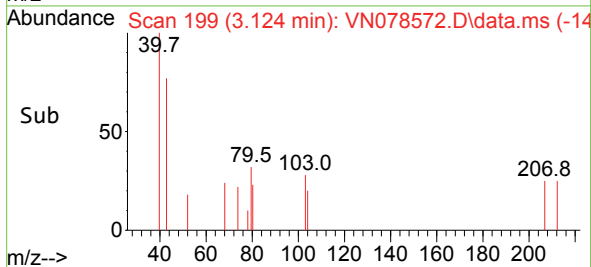
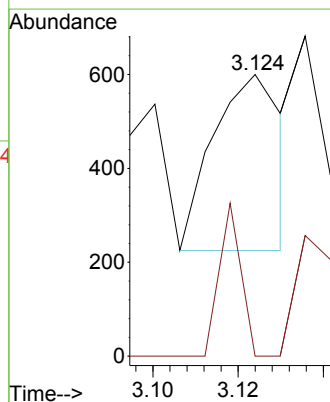
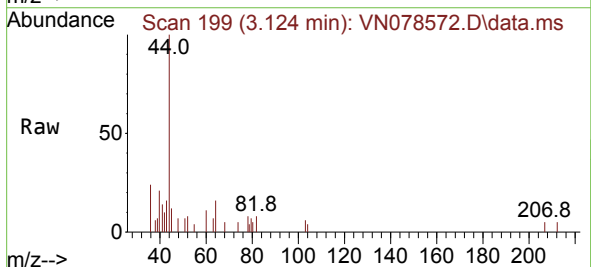
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

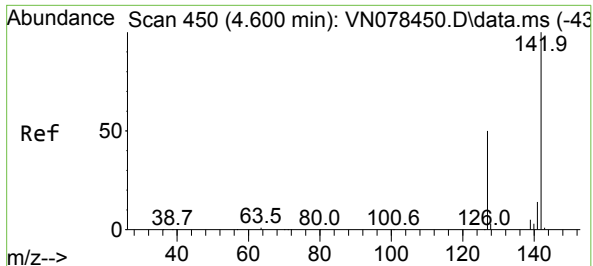
Tgt Ion: 94 Resp: 2814
Ion Ratio Lower Upper
94 100
96 109.0 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

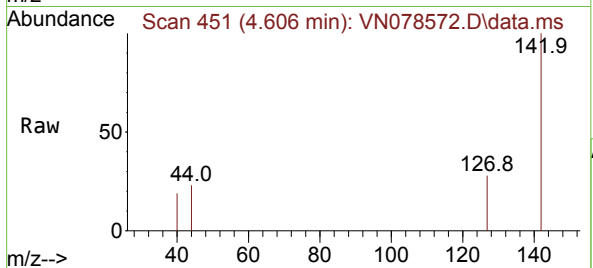
Tgt Ion: 64 Resp: 421
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



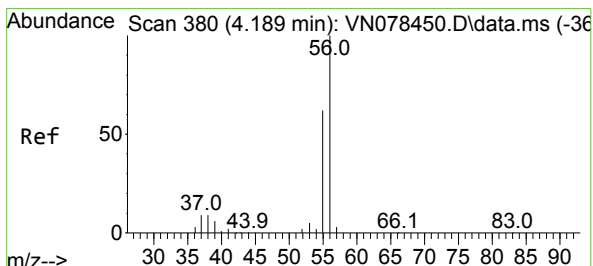
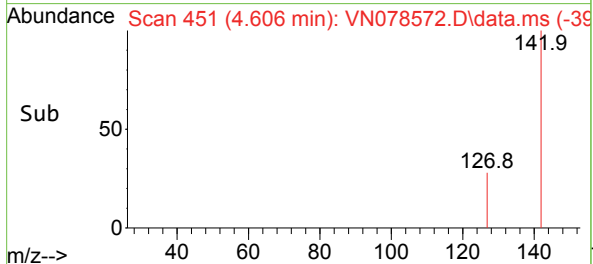
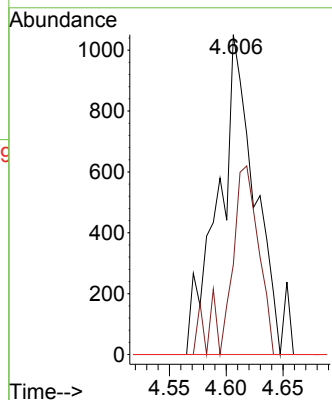


#10
Methyl Iodide
Concen: 0.389 ug/l
RT: 4.606 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

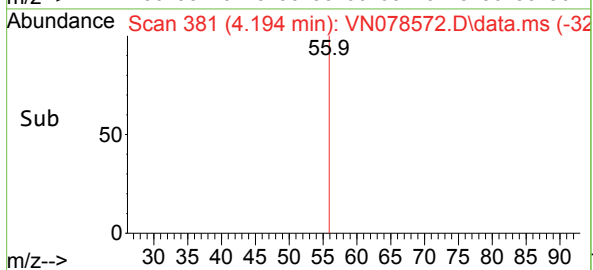
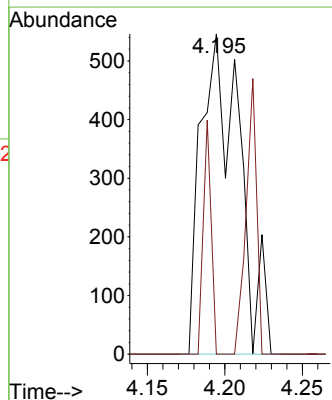
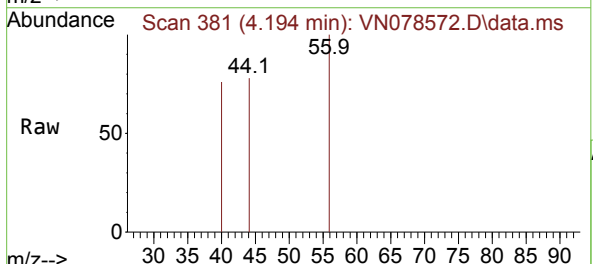


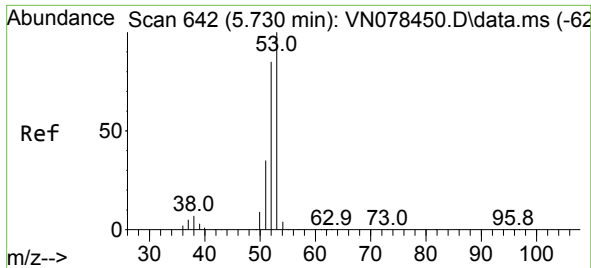
Tgt Ion:142 Resp: 2306
Ion Ratio Lower Upper
142 100
127 28.1 37.6 56.4#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 1.174 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

Tgt Ion: 56 Resp: 944
Ion Ratio Lower Upper
56 100
55 14.9 54.5 81.7#

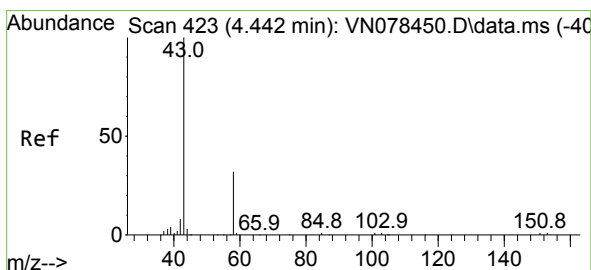
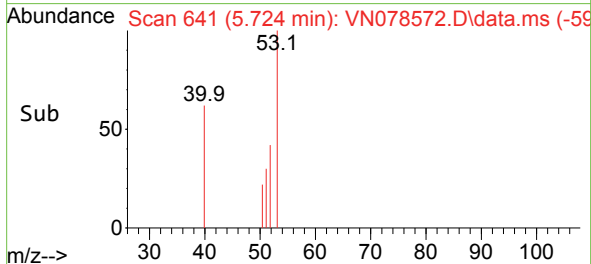
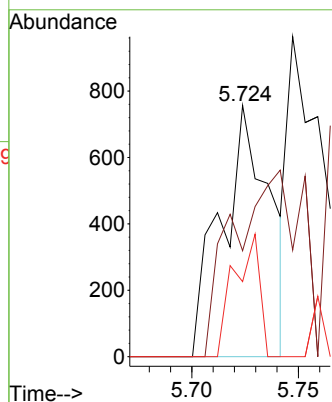
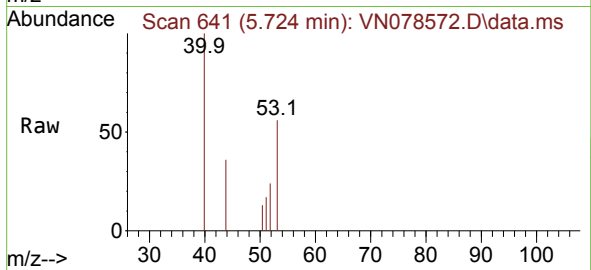




#15
Acrylonitrile
Concen: 0.576 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

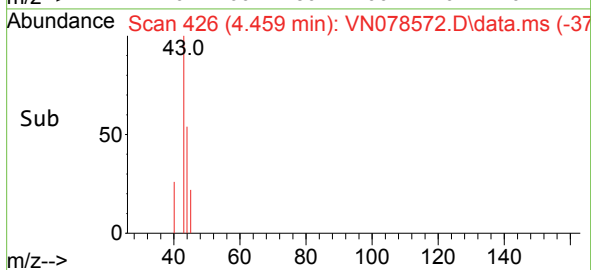
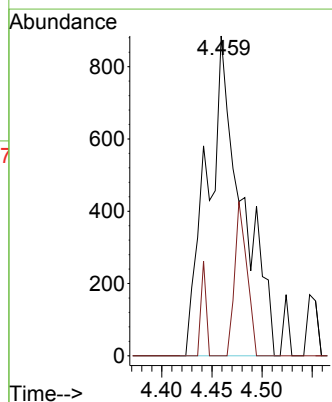
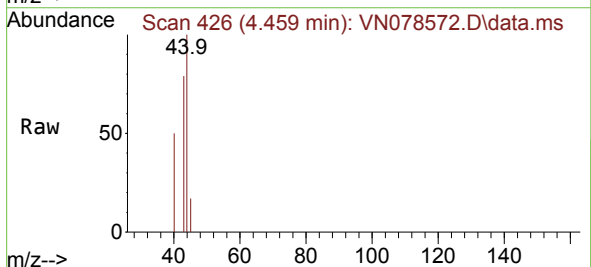
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

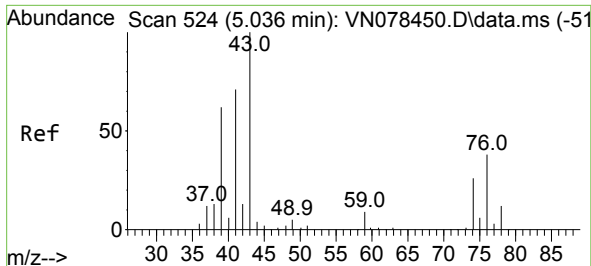
Tgt Ion: 53 Resp: 1188
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 25.8 28.9 43.3#



#16
Acetone
Concen: 1.285 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.017 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

Tgt Ion: 43 Resp: 2120
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

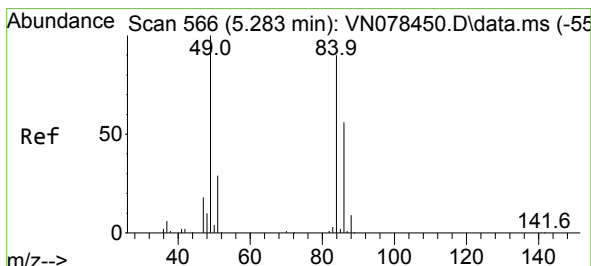
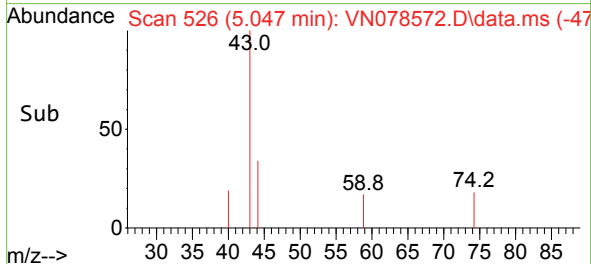
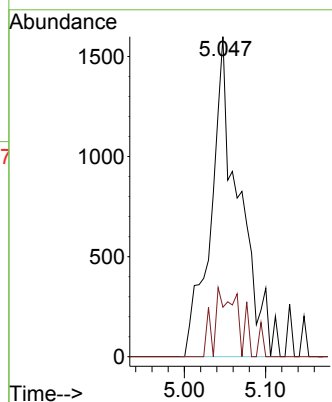
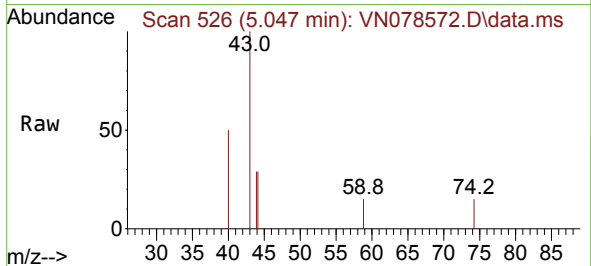




#18
Methyl Acetate
Concen: 0.552 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

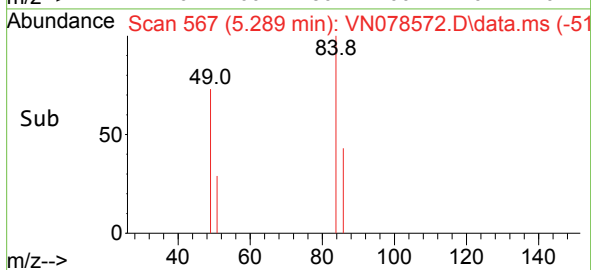
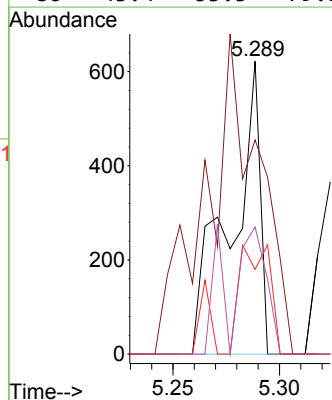
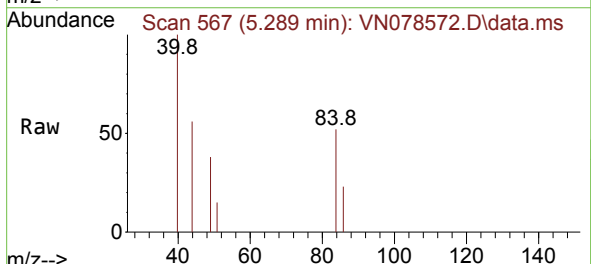
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

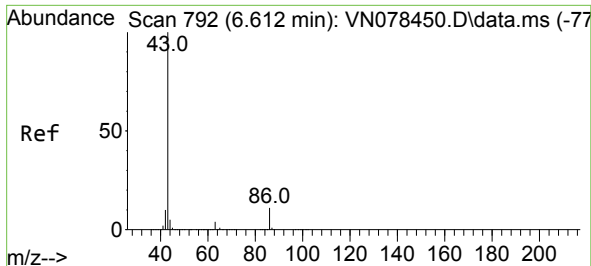
Tgt Ion: 43 Resp: 3856
Ion Ratio Lower Upper
43 100
74 17.9 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

Tgt Ion: 84 Resp: 592
Ion Ratio Lower Upper
84 100
49 40.5 79.7 119.5#
51 28.9 25.2 37.8
86 43.4 53.3 79.9#

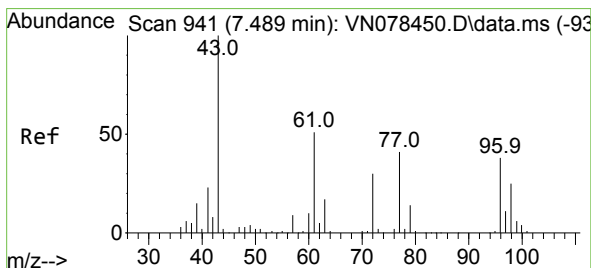
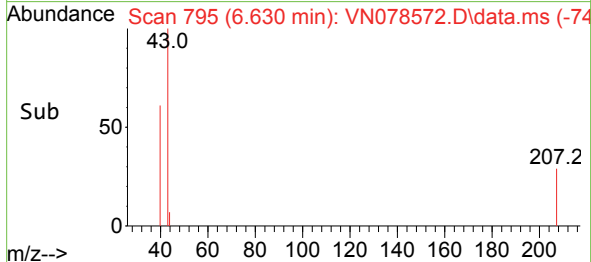
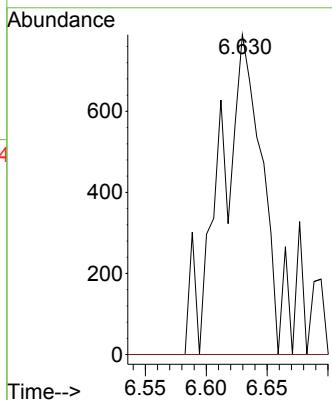
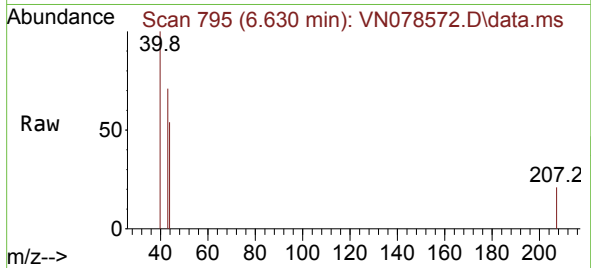




#23
 Vinyl Acetate
 Concen: 0.227 ug/l
 RT: 6.630 min Scan# 792
 Delta R.T. 0.018 min
 Lab File: VN078572.D
 Acq: 19 Jul 2023 11:03

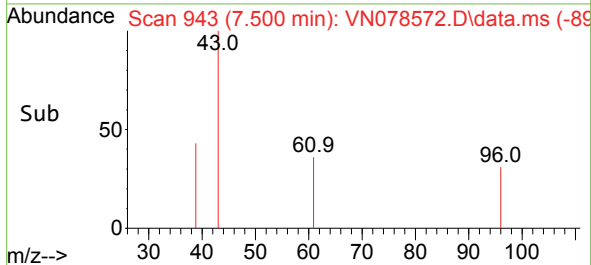
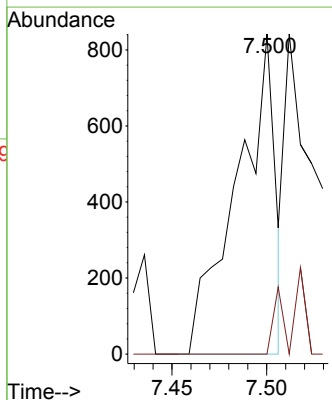
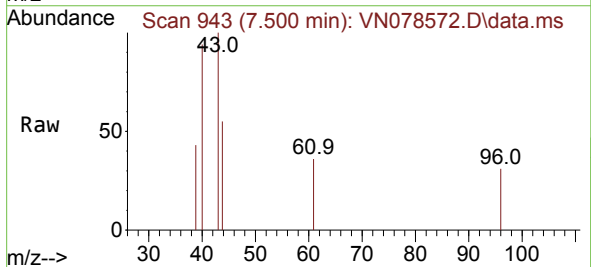
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719MBL01

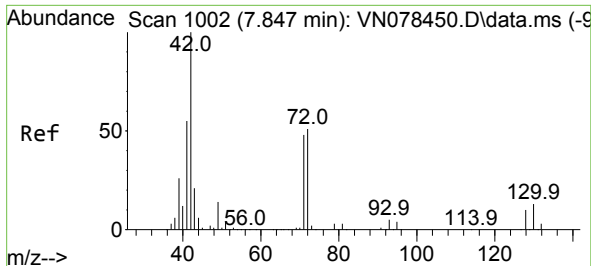
Tgt Ion: 43 Resp: 1845
 Ion Ratio Lower Upper
 43 100
 86 0.0 13.0 19.6#



#25
 2-Butanone
 Concen: 0.453 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. 0.011 min
 Lab File: VN078572.D
 Acq: 19 Jul 2023 11:03

Tgt Ion: 43 Resp: 1176
 Ion Ratio Lower Upper
 43 100
 72 0.0 30.2 45.2#





#29

Tetrahydrofuran

Concen: 0.482 ug/l

RT: 7.871 min Scan# 1006

Delta R.T. 0.024 min

Lab File: VN078572.D

Acq: 19 Jul 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0719MBL01

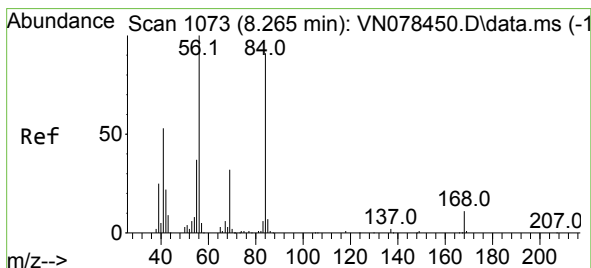
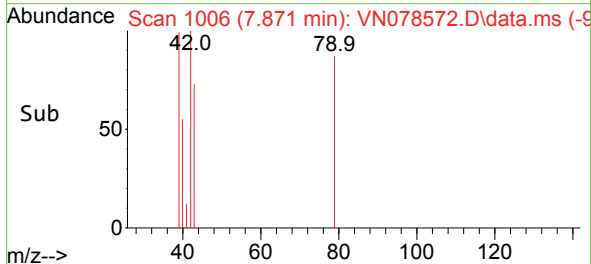
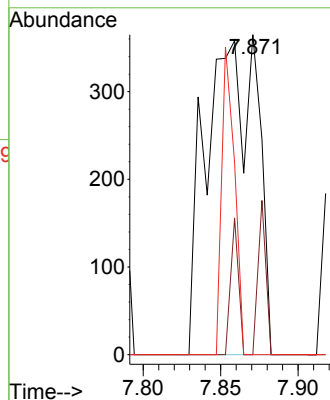
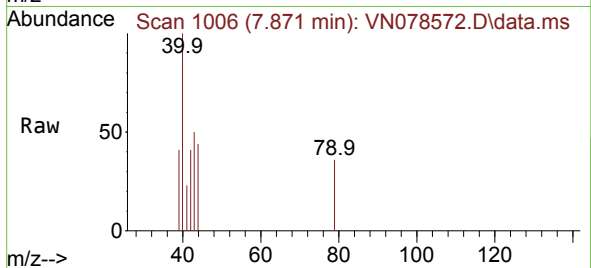
Tgt Ion: 42 Resp: 821

Ion Ratio Lower Upper

42 100

72 7.6 49.8 74.6#

71 0.0 47.4 71.2#



#31

Cyclohexane

Concen: 1.251 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.024 min

Lab File: VN078572.D

Acq: 19 Jul 2023 11:03

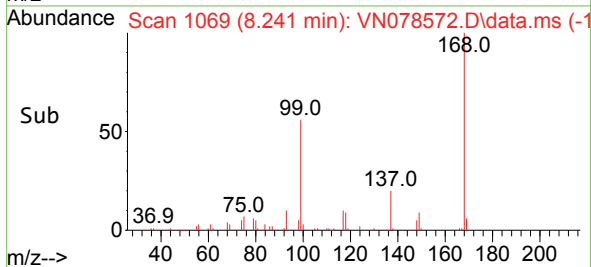
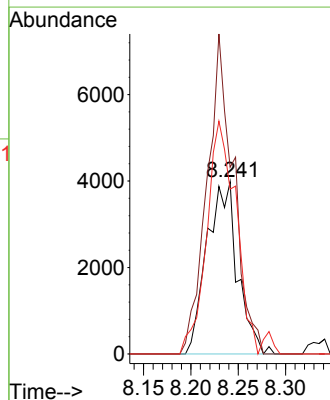
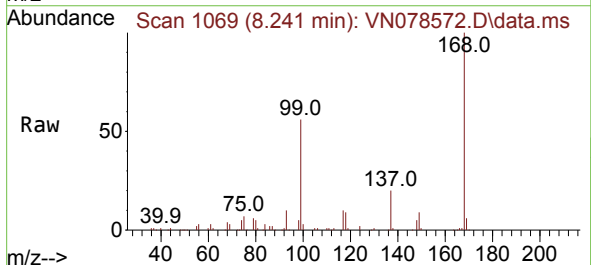
Tgt Ion: 56 Resp: 8957

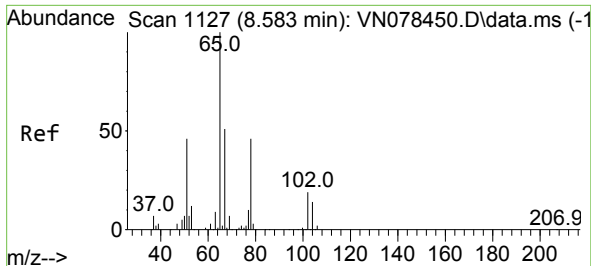
Ion Ratio Lower Upper

56 100

69 108.4 26.8 40.2#

84 95.7 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 49.196 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078572.D

Acq: 19 Jul 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

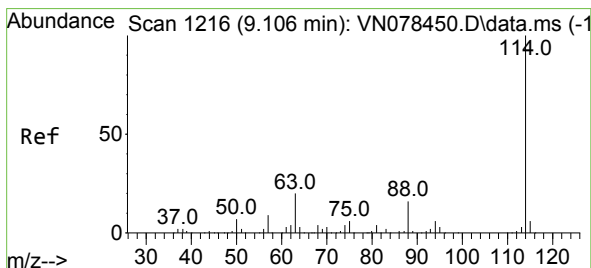
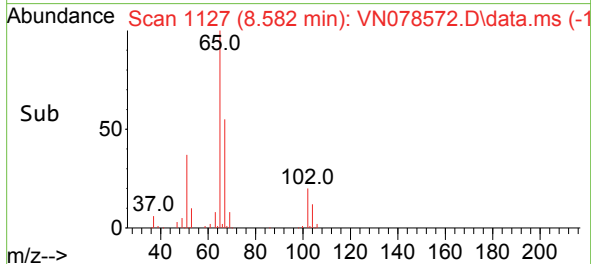
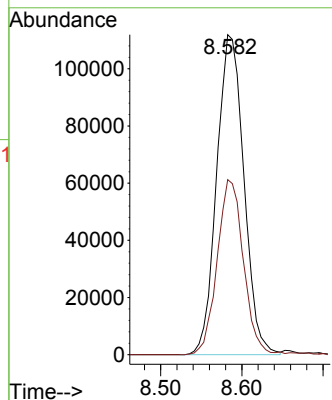
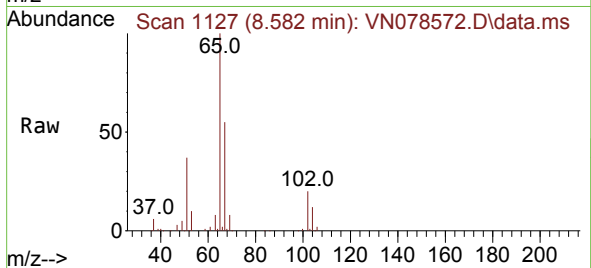
VN0719MBL01

Tgt Ion: 65 Resp: 260632

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078572.D

Acq: 19 Jul 2023 11:03

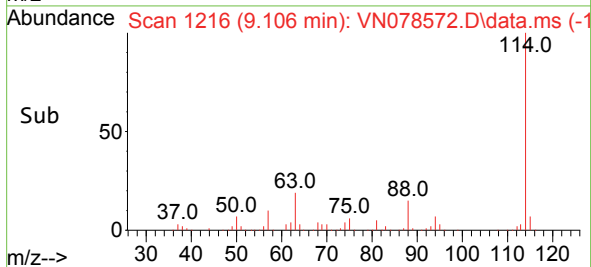
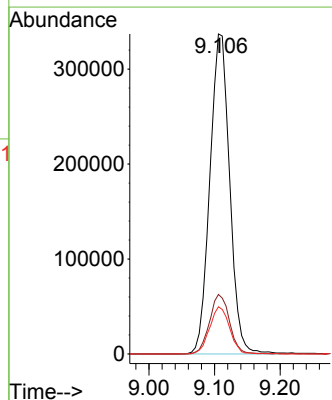
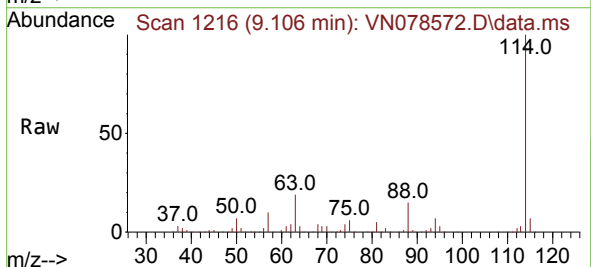
Tgt Ion: 114 Resp: 706289

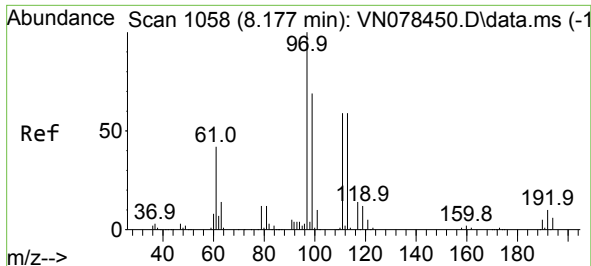
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 14.8 0.0 30.6

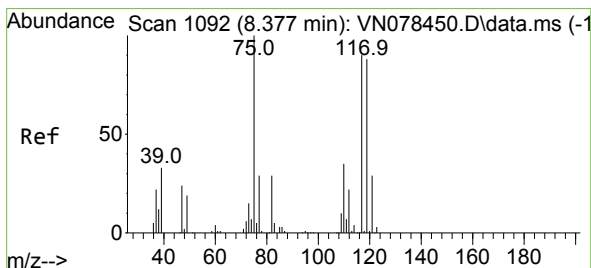
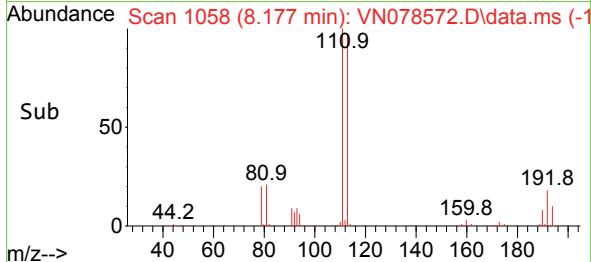
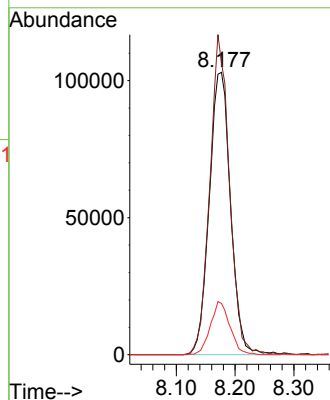
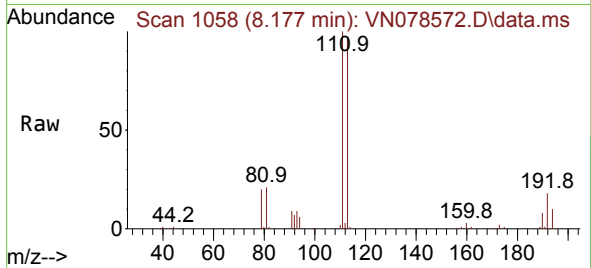




#35
Dibromofluoromethane
Concen: 53.994 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

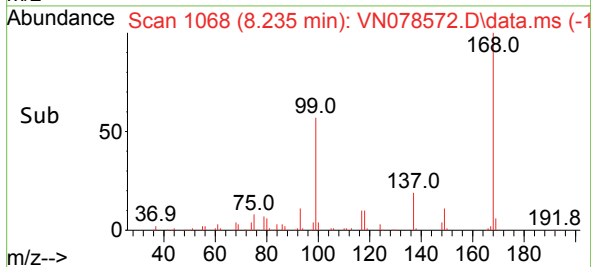
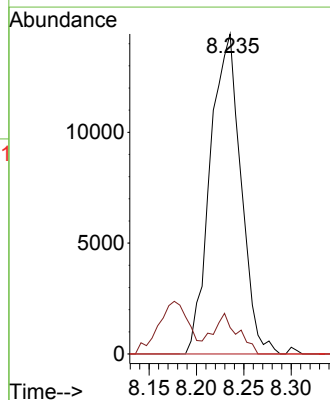
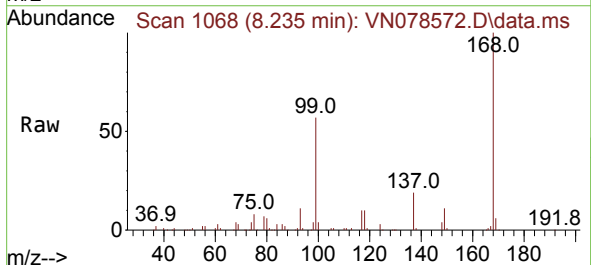
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

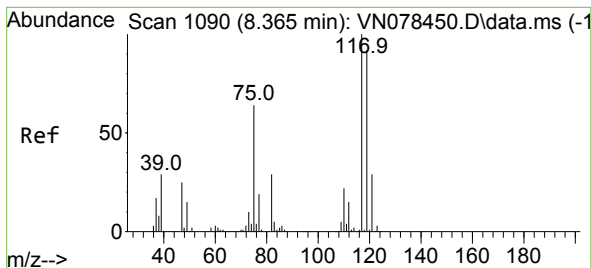
Tgt Ion:113 Resp: 258873
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 17.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.696 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

Tgt Ion: 75 Resp: 32510
Ion Ratio Lower Upper
75 100
110 10.0 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.460 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.135 min

Lab File: VN078572.D

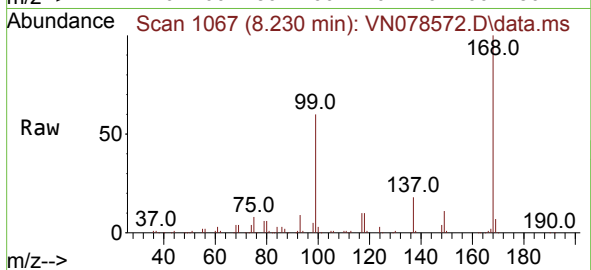
Acq: 19 Jul 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0719MBL01



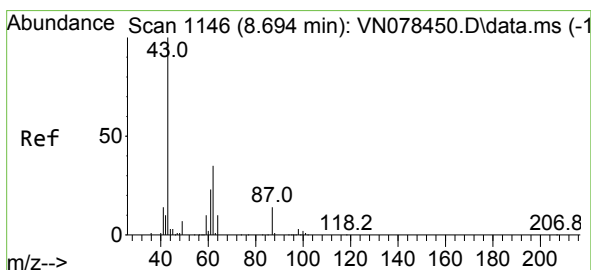
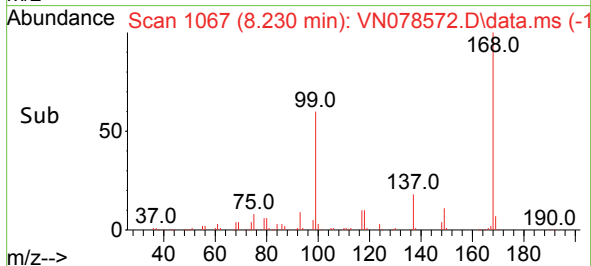
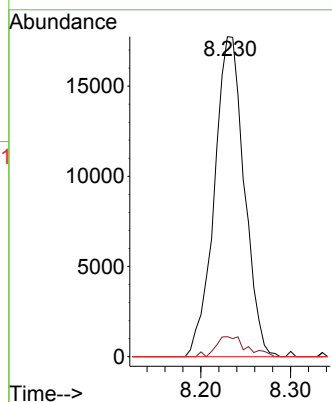
Tgt Ion:117 Resp: 41078

Ion Ratio Lower Upper

117 100

119 6.3 77.3 115.9#

121 0.0 23.3 34.9#



#43

Isopropyl Acetate

Concen: 1.094 ug/l

RT: 8.712 min Scan# 1149

Delta R.T. 0.018 min

Lab File: VN078572.D

Acq: 19 Jul 2023 11:03

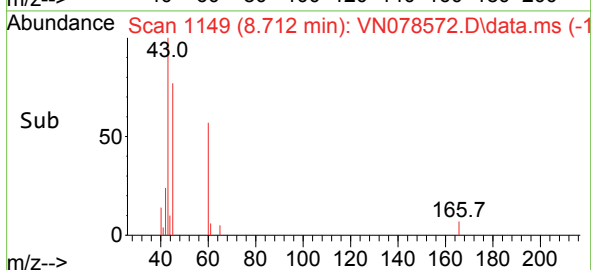
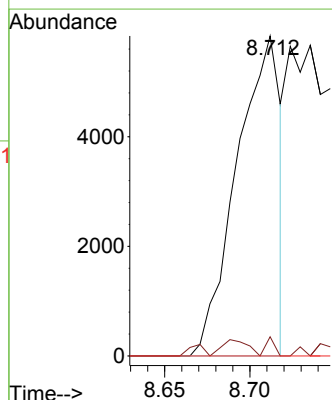
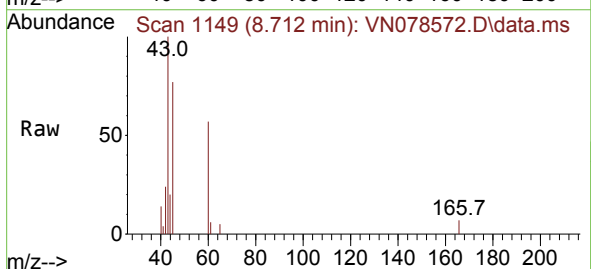
Tgt Ion: 43 Resp: 10396

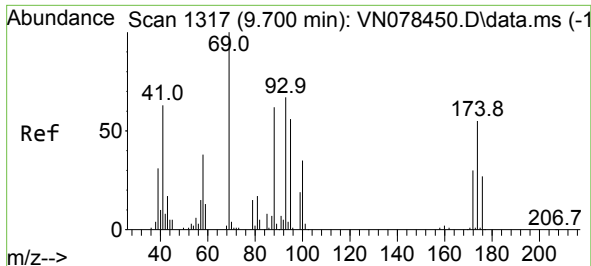
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#





#49

1,4-Dioxane

Concen: 0.740 ug/l

RT: 9.718 min Scan# 1

Delta R.T. 0.018 min

Lab File: VN078572.D

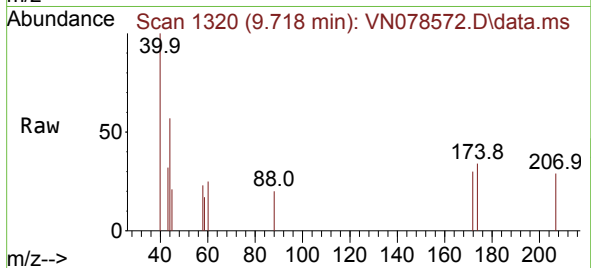
Acq: 19 Jul 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0719MBL01



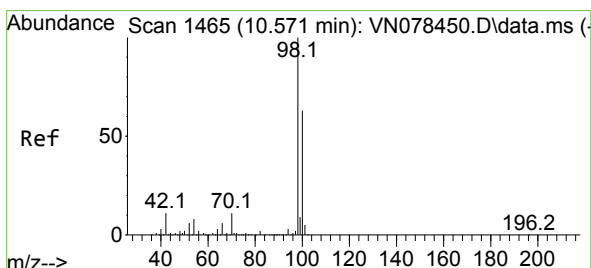
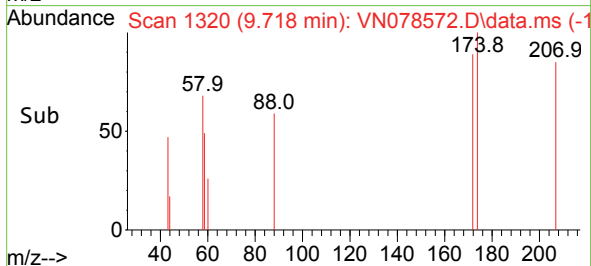
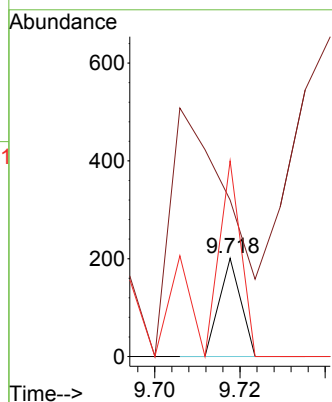
Tgt Ion: 88 Resp: 71

Ion Ratio Lower Upper

88 100

43 308.5 17.0 25.6#

58 301.4 47.0 70.4#



#50

Toluene-d8

Concen: 46.258 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078572.D

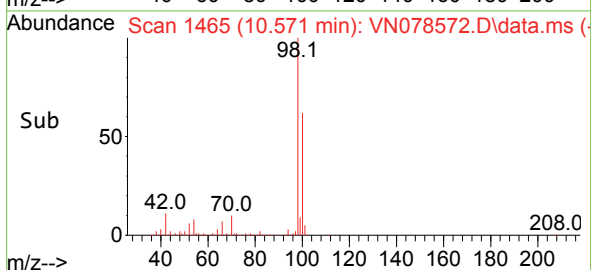
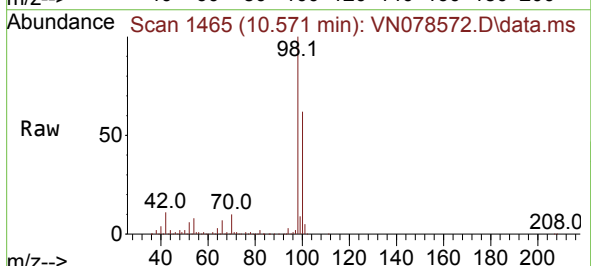
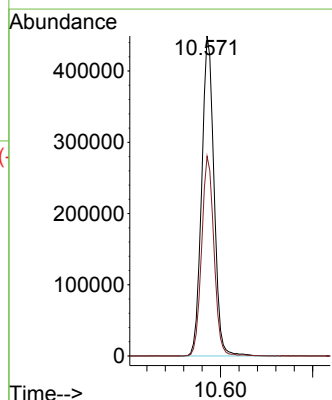
Acq: 19 Jul 2023 11:03

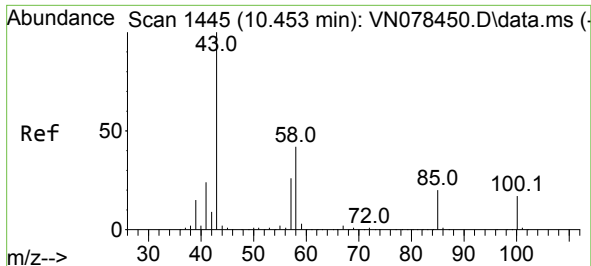
Tgt Ion: 98 Resp: 837831

Ion Ratio Lower Upper

98 100

100 62.4 52.0 78.0

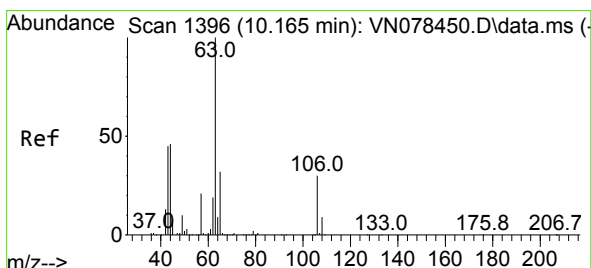
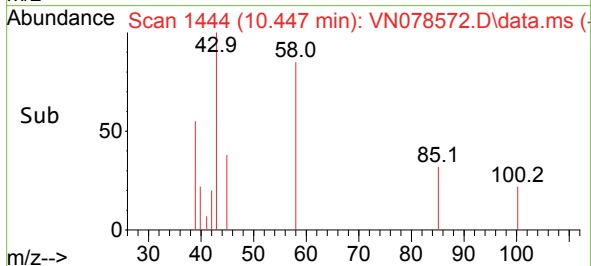
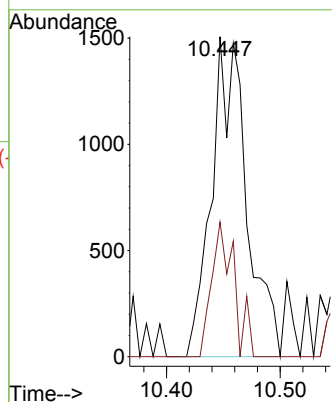
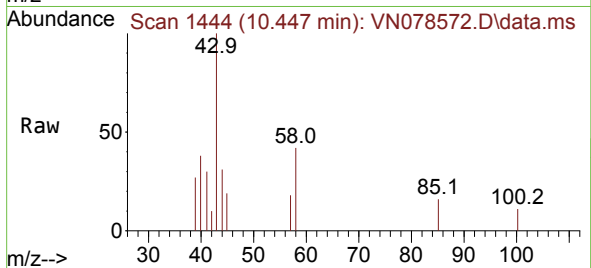




#51
4-Methyl-2-Pentanone
Concen: 0.569 ug/l
RT: 10.447 min Scan# 1445
Delta R.T. -0.006 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

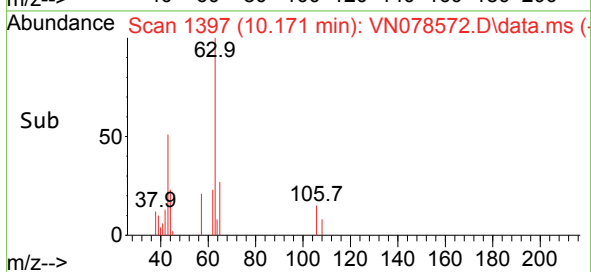
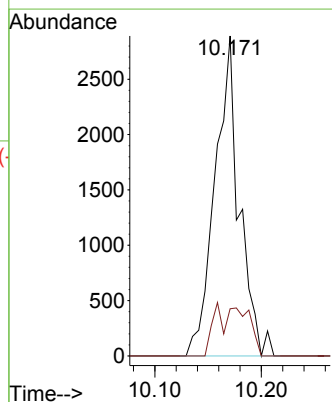
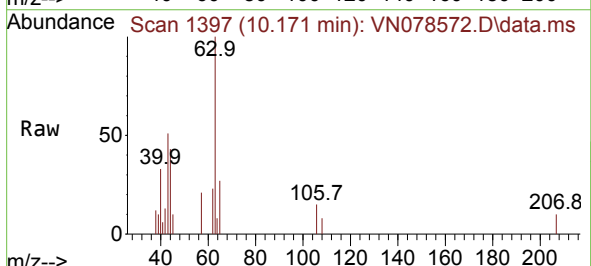
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

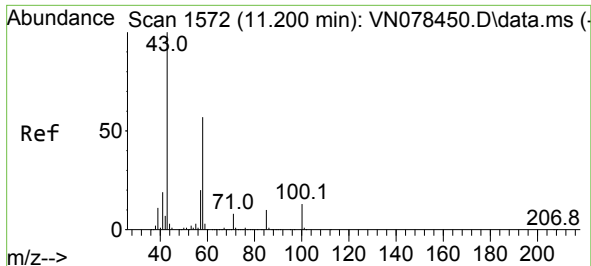
Tgt Ion: 43 Resp: 3215
Ion Ratio Lower Upper
43 100
58 27.2 36.6 54.8#



#58
2-Chloroethyl Vinyl ether
Concen: 1.832 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

Tgt Ion: 63 Resp: 4570
Ion Ratio Lower Upper
63 100
106 14.1 26.2 39.4#

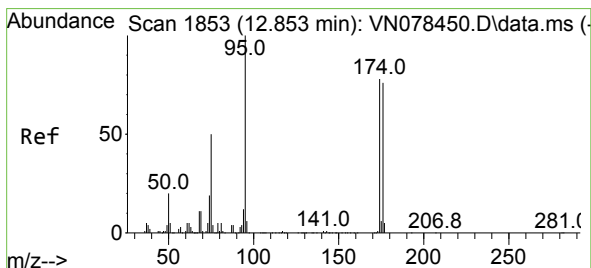
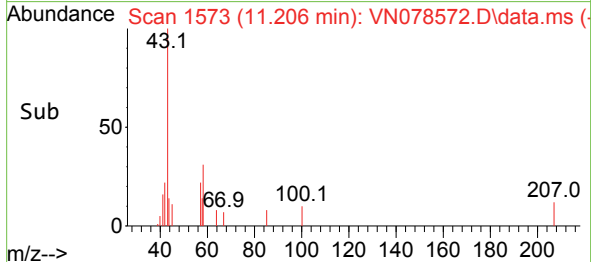
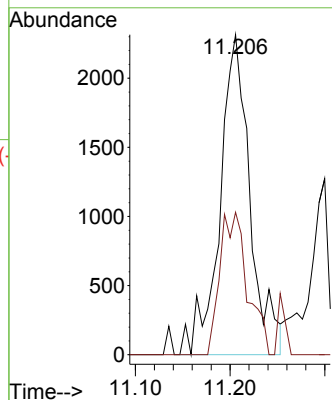
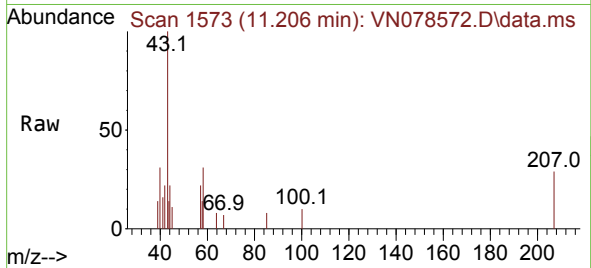




#59
2-Hexanone
Concen: 1.278 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

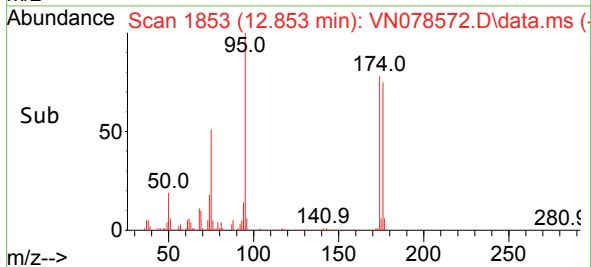
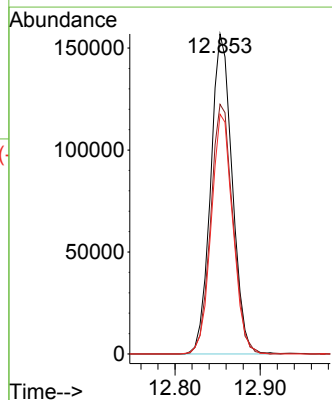
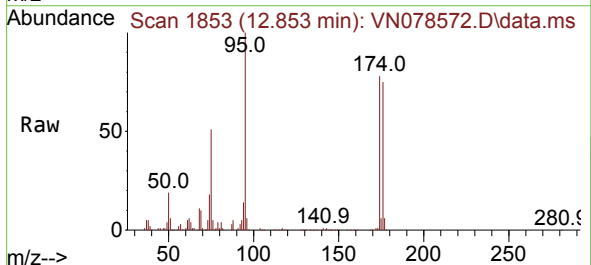
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

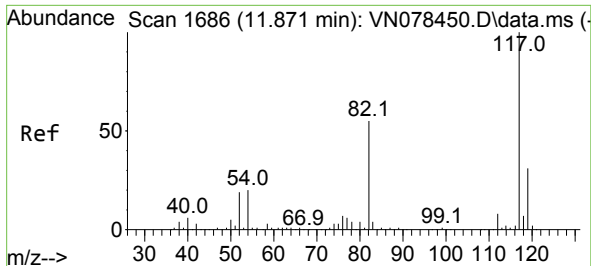
Tgt Ion: 43 Resp: 5135
Ion Ratio Lower Upper
43 100
58 40.6 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 49.506 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

Tgt Ion: 95 Resp: 276190
Ion Ratio Lower Upper
95 100
174 80.3 0.0 143.8
176 75.2 0.0 135.8

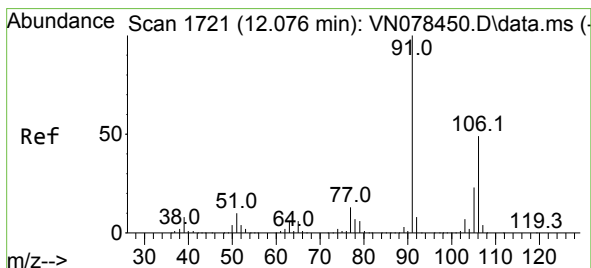
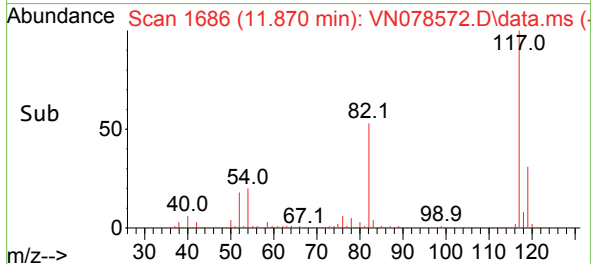
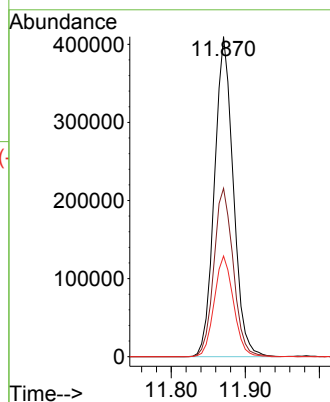
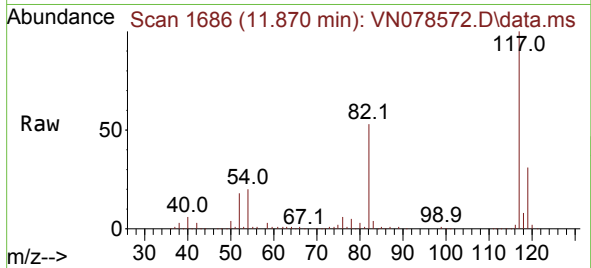




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

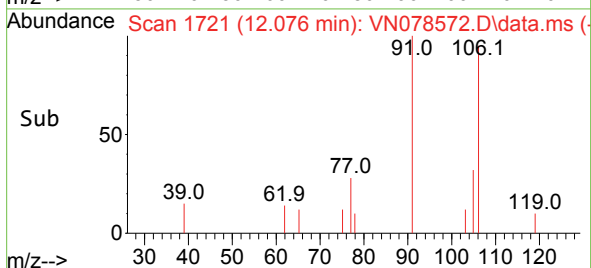
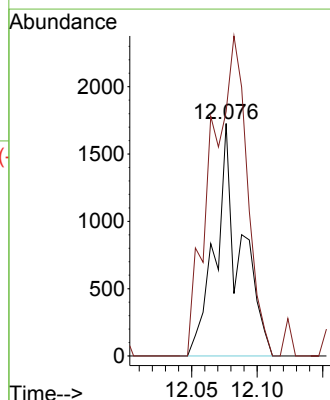
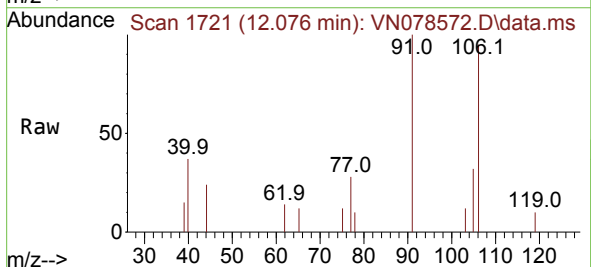
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

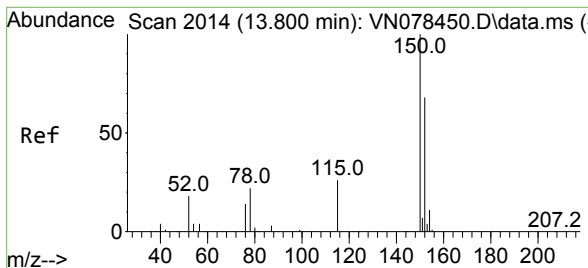
Tgt Ion:117 Resp: 723740
Ion Ratio Lower Upper
117 100
82 52.6 44.0 66.0
119 31.4 25.6 38.4



#68
m/p-Xylenes
Concen: 0.227 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

Tgt Ion:106 Resp: 2293
Ion Ratio Lower Upper
106 100
91 196.2 159.6 239.4

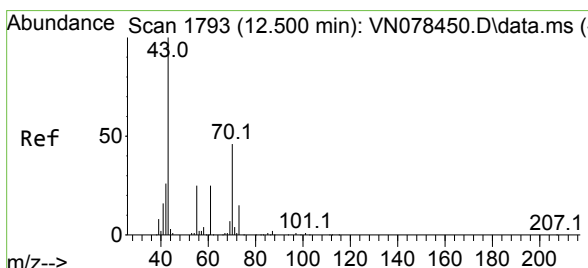
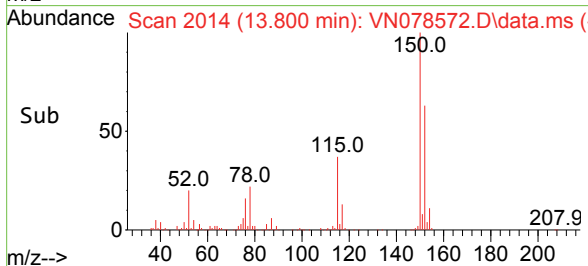
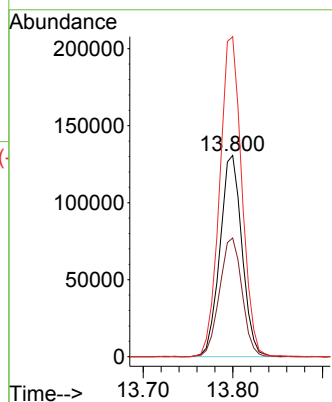
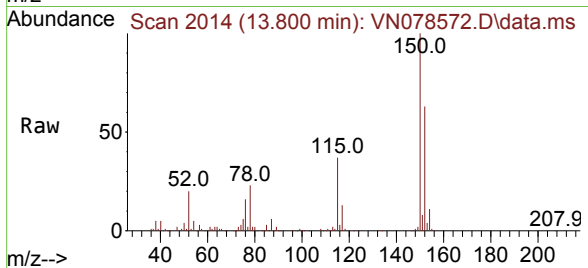




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN078572.D
 Acq: 19 Jul 2023 11:03

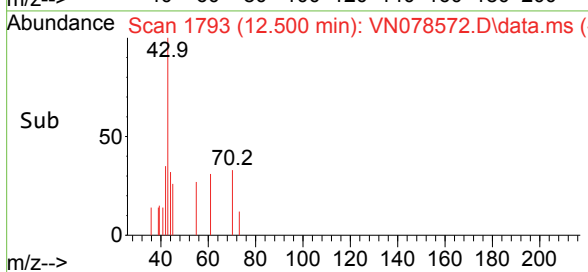
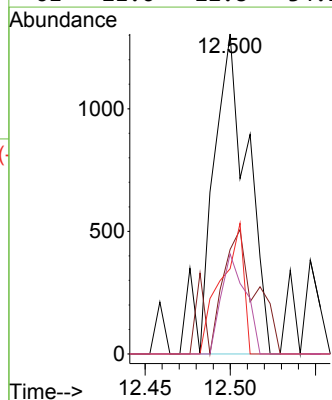
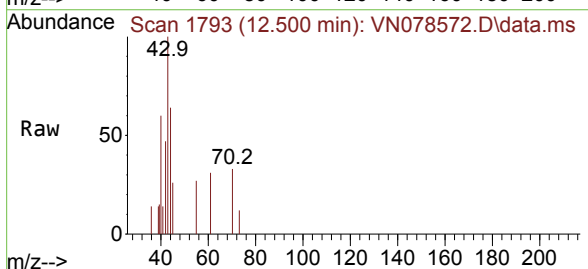
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719MBL01

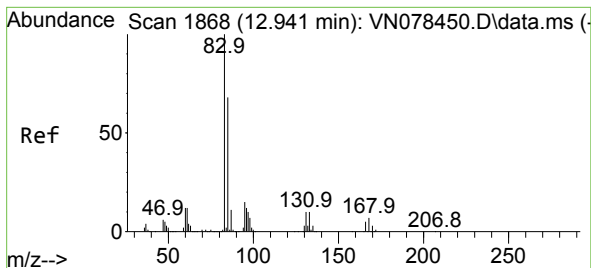
Tgt Ion:152 Resp: 223170
 Ion Ratio Lower Upper
 152 100
 115 60.0 32.3 96.8
 150 159.8 0.0 355.8



#74
 N-ethyl acetate
 Concen: 0.259 ug/l
 RT: 12.500 min Scan# 1793
 Delta R.T. -0.000 min
 Lab File: VN078572.D
 Acq: 19 Jul 2023 11:03

Tgt Ion: 43 Resp: 1873
 Ion Ratio Lower Upper
 43 100
 70 41.8 43.4 65.2#
 55 26.5 21.4 32.0
 61 21.6 22.8 34.2#





#75

1,1,2-Tetrachloroethane

Concen: Below Cal

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN078572.D

Acq: 19 Jul 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0719MBL01

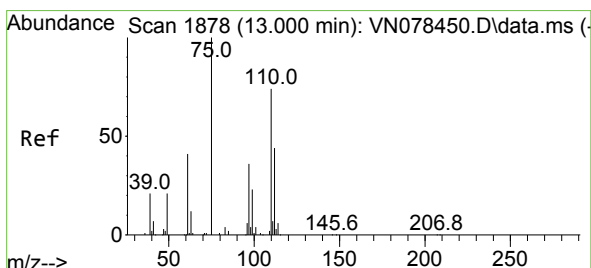
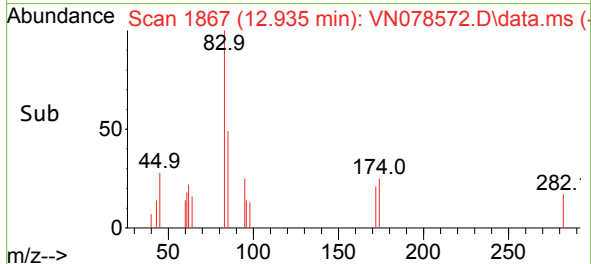
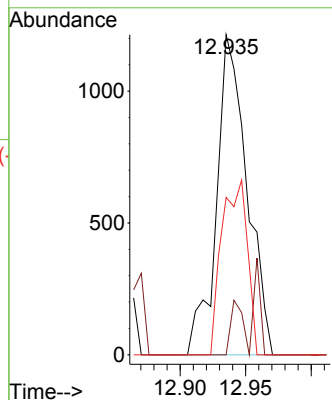
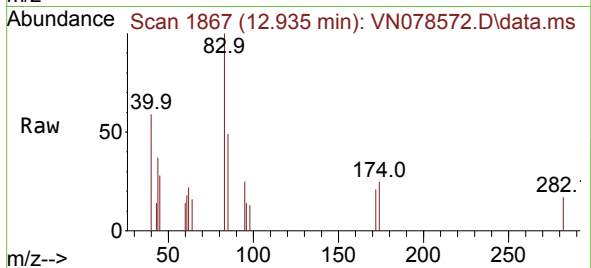
Tgt Ion: 83 Resp: 1964

Ion Ratio Lower Upper

83 100

131 6.6 5.0 15.0

85 45.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 27.082 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078572.D

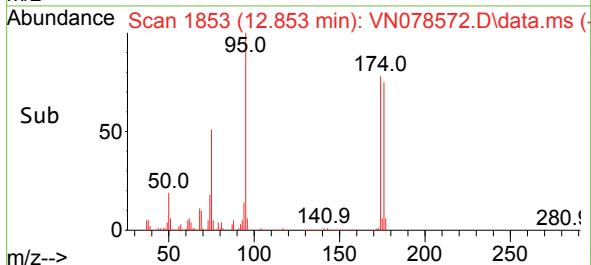
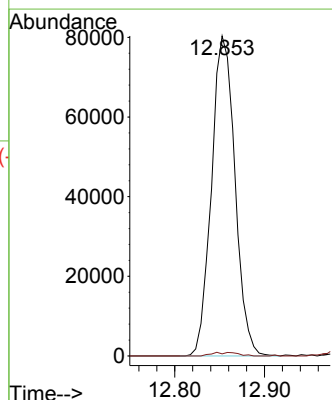
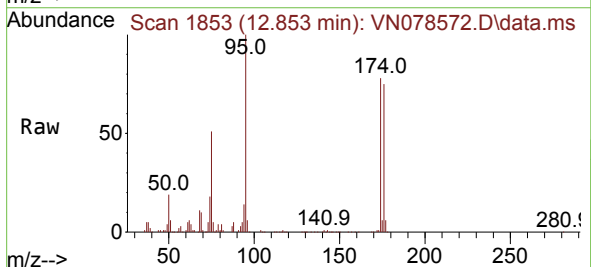
Acq: 19 Jul 2023 11:03

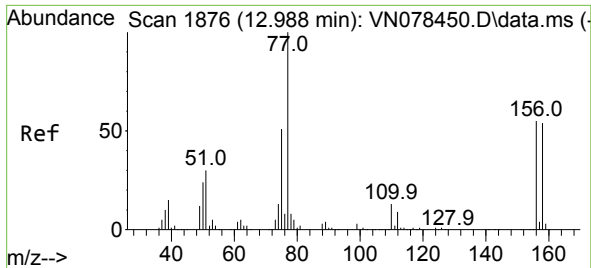
Tgt Ion: 75 Resp: 146087

Ion Ratio Lower Upper

75 100

77 0.5 84.5 253.5#

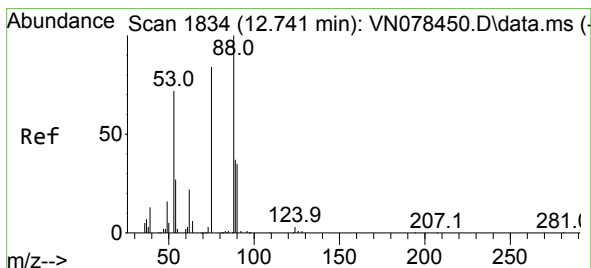
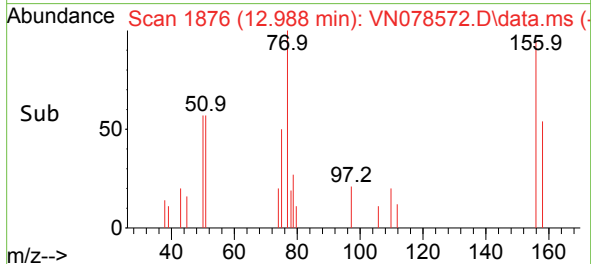
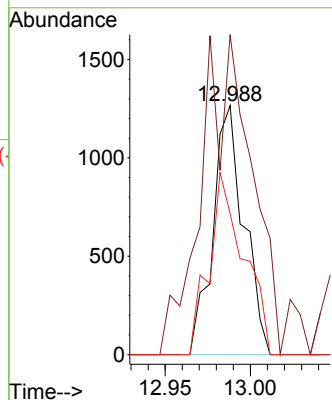
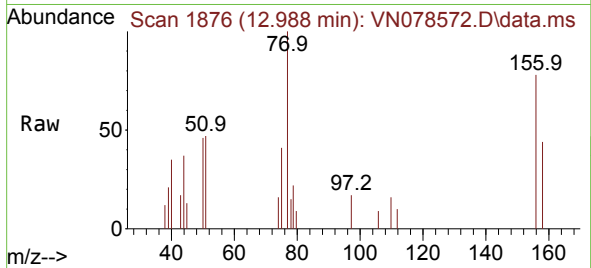




#77
Bromobenzene
Concen: Below Cal
RT: 12.988 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

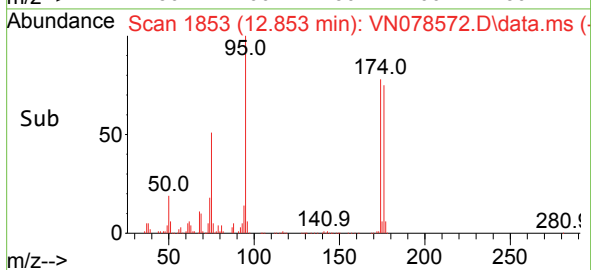
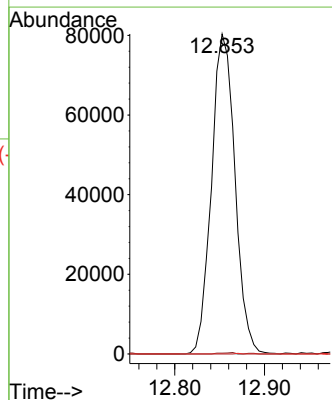
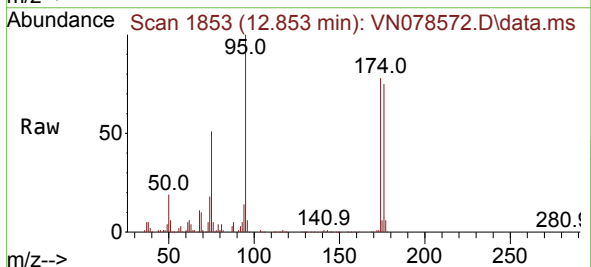
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

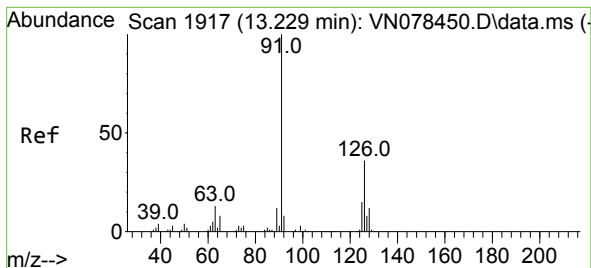
Tgt Ion:156 Resp: 1598
Ion Ratio Lower Upper
156 100
77 219.0 107.7 323.3
158 82.1 48.4 145.3



#81
trans-1,4-Dichloro-2-butene
Concen: 71.166 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

Tgt Ion: 75 Resp: 146087
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#

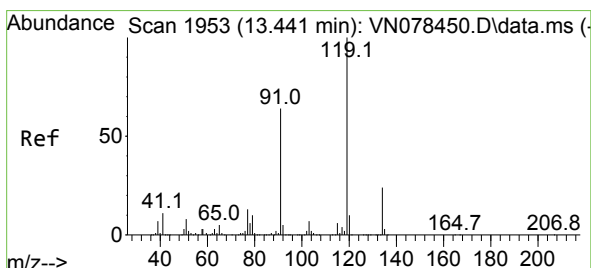
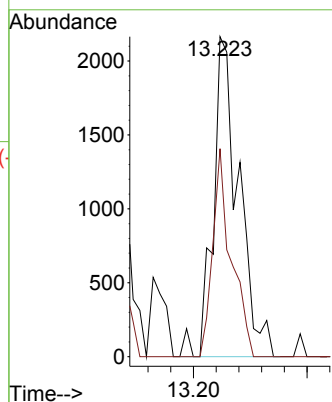
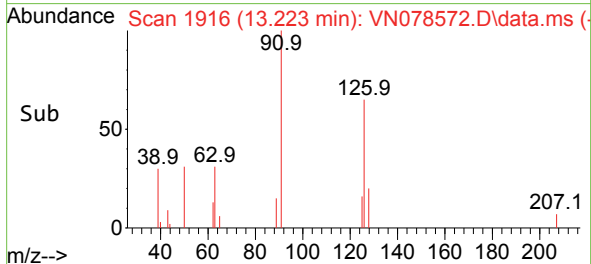
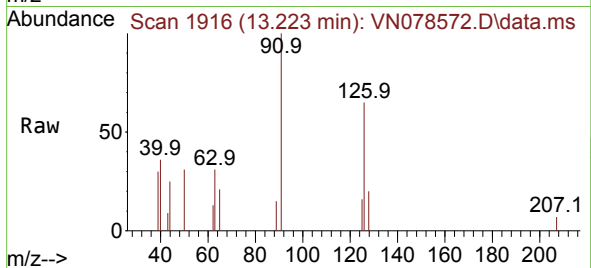




#82
4-Chlorotoluene
Concen: 0.246 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

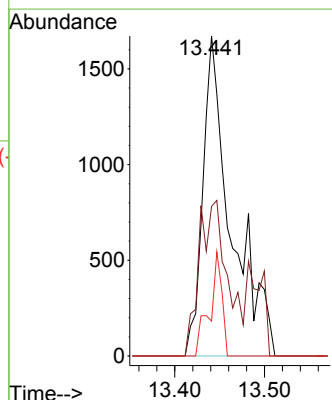
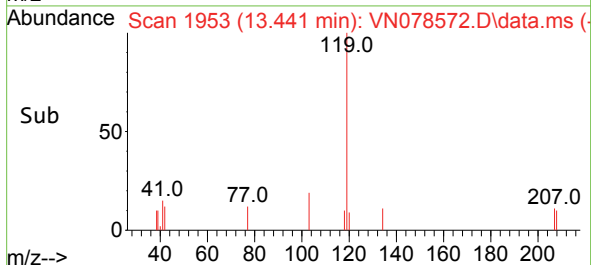
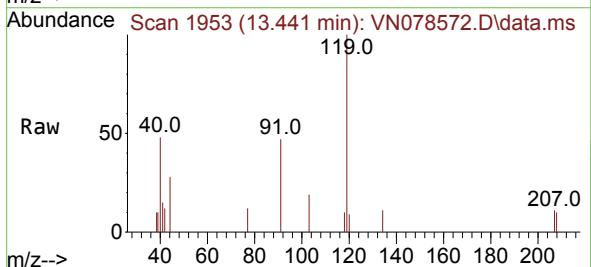
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

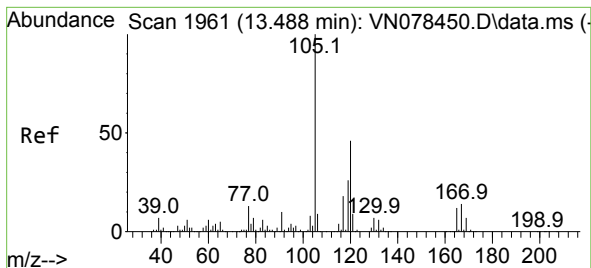
Tgt Ion: 91 Resp: 3369
Ion Ratio Lower Upper
91 100
126 47.1 16.7 50.0



#83
tert-Butylbenzene
Concen: 0.261 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

Tgt Ion: 119 Resp: 3666
Ion Ratio Lower Upper
119 100
91 48.7 33.9 101.7
134 14.2 13.2 39.6

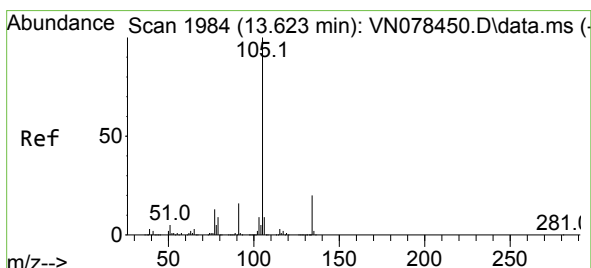
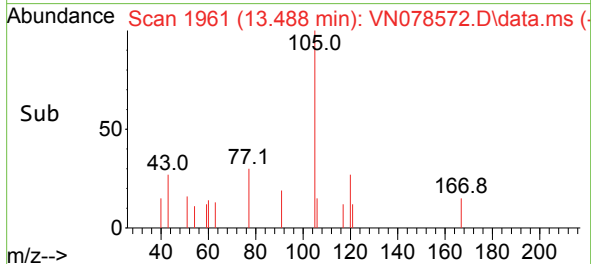
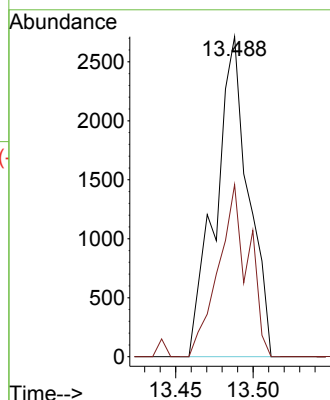
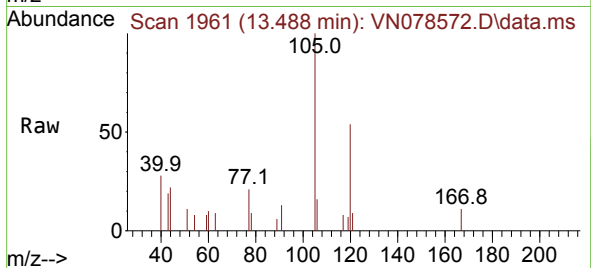




#84
1,2,4-Trimethylbenzene
Concen: 0.249 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

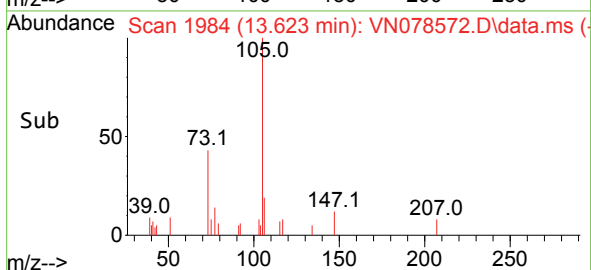
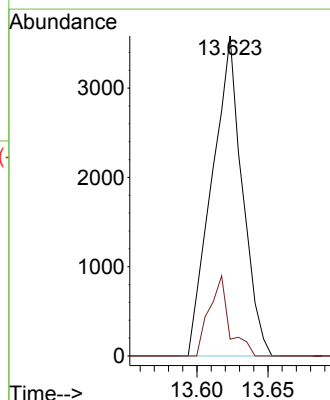
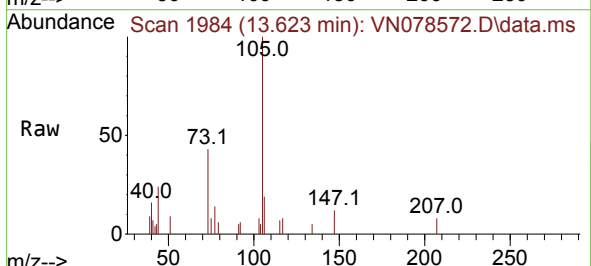
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

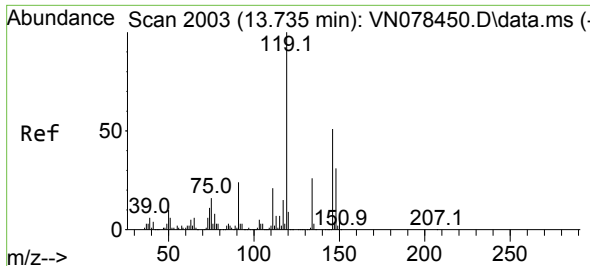
Tgt Ion:105 Resp: 4001
Ion Ratio Lower Upper
105 100
120 49.3 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.299 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

Tgt Ion:105 Resp: 5317
Ion Ratio Lower Upper
105 100
134 16.6 9.8 29.3

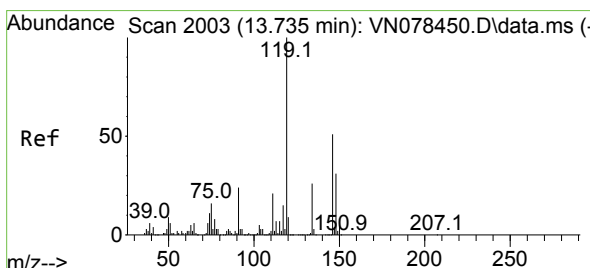
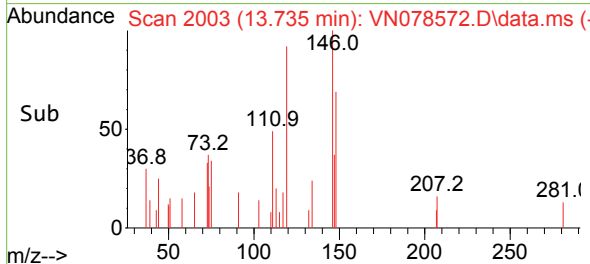
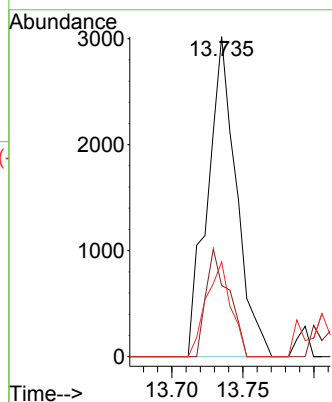
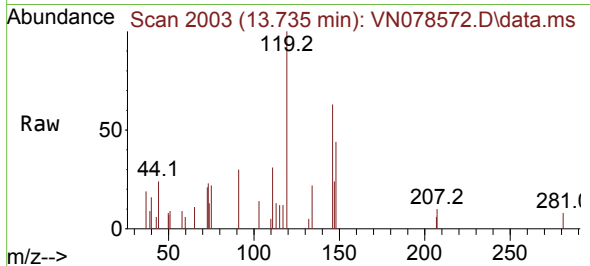




#86
 p-Isopropyltoluene
 Concen: 0.298 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078572.D
 Acq: 19 Jul 2023 11:03

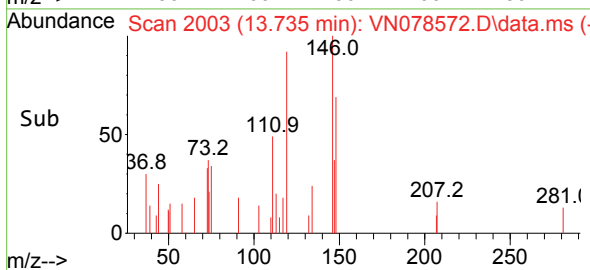
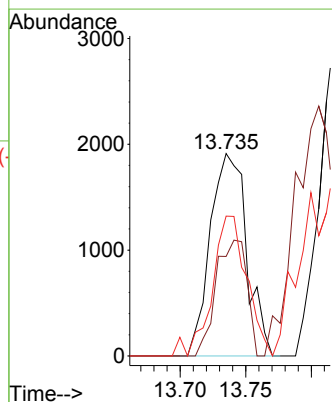
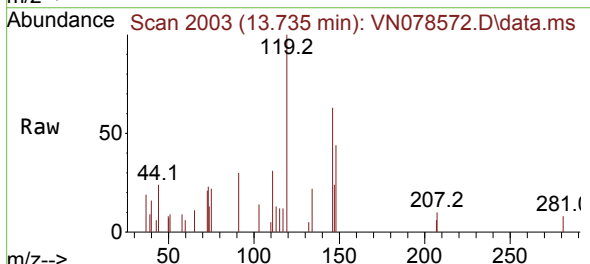
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719MBL01

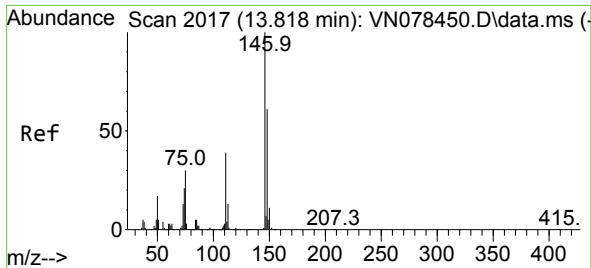
Tgt Ion:	119	Resp:	4248
Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.6	37.8
91	25.6	12.4	37.2



#87
 1,3-Dichlorobenzene
 Concen: 0.459 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078572.D
 Acq: 19 Jul 2023 11:03

Tgt Ion:	146	Resp:	3692
Ion	Ratio	Lower	Upper
146	100		
111	48.6	22.1	66.3
148	65.6	32.0	96.0

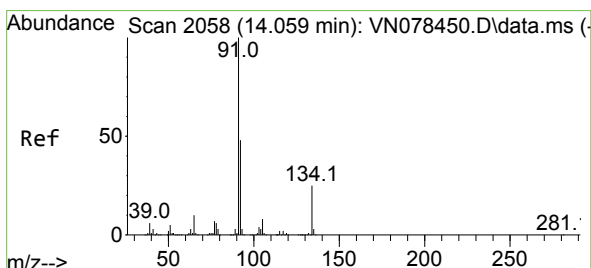
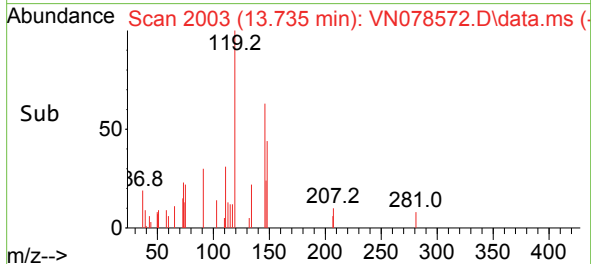
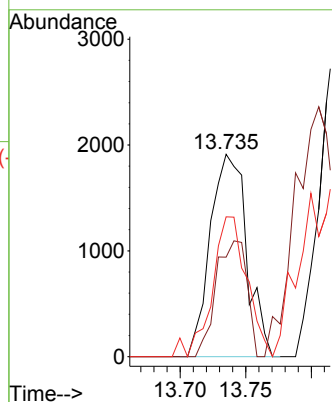
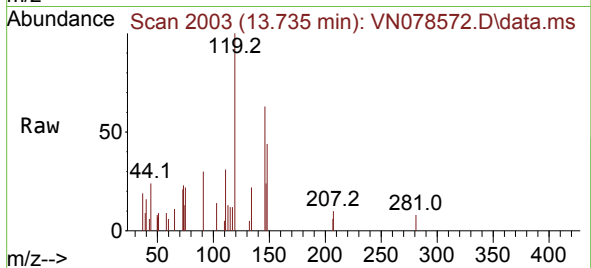




#88
1,4-Dichlorobenzene
Concen: 0.455 ug/l
RT: 13.735 min Scan# 2017
Delta R.T. -0.083 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

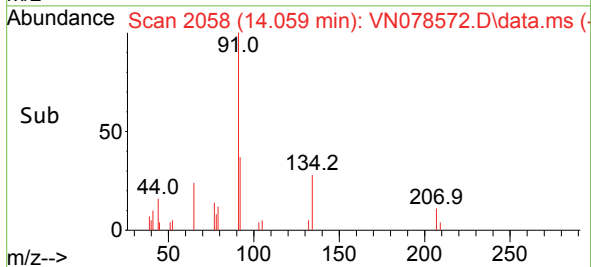
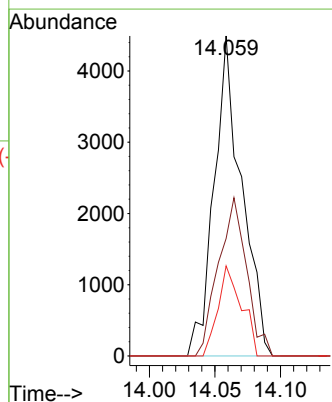
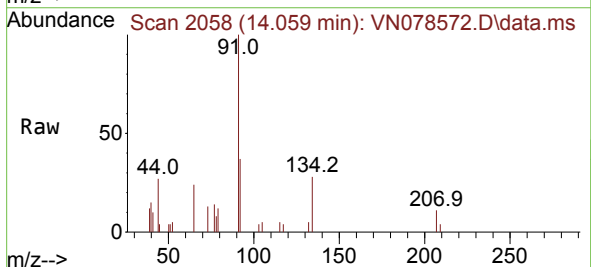
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

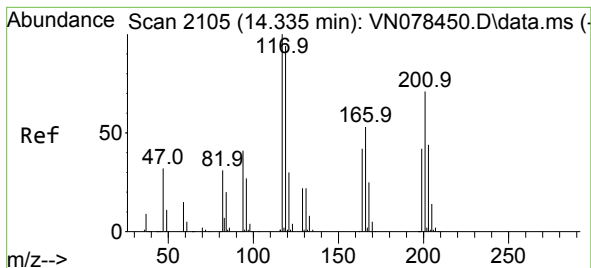
Tgt Ion:146 Resp: 3692
Ion Ratio Lower Upper
146 100
111 48.6 20.6 61.8
148 65.6 31.6 94.8



#89
n-Butylbenzene
Concen: 0.643 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

Tgt Ion: 91 Resp: 6572
Ion Ratio Lower Upper
91 100
92 50.6 26.4 79.0
134 24.1 12.6 37.6





#90

Hexachloroethane

Concen: Below Cal

RT: 14.341 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN078572.D

Acq: 19 Jul 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

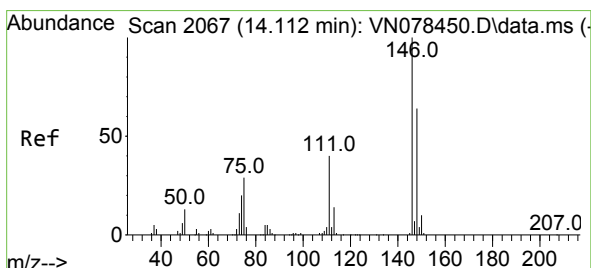
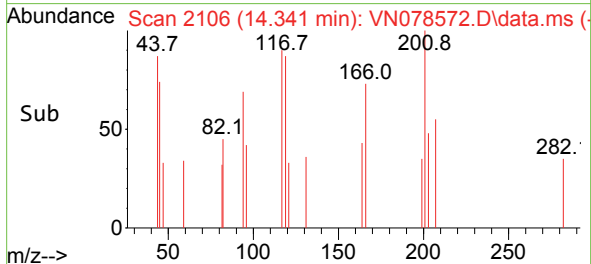
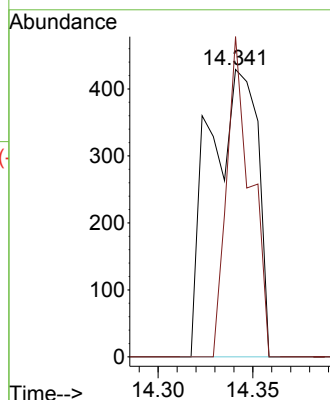
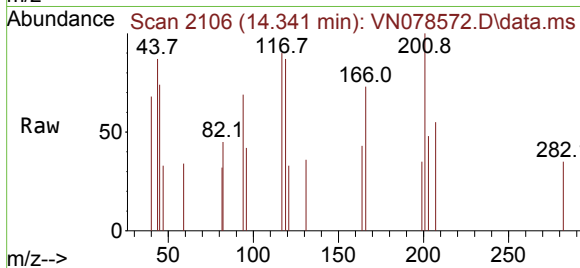
VN0719MBL01

Tgt Ion:117 Resp: 757

Ion Ratio Lower Upper

117 100

201 56.0 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 0.449 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN078572.D

Acq: 19 Jul 2023 11:03

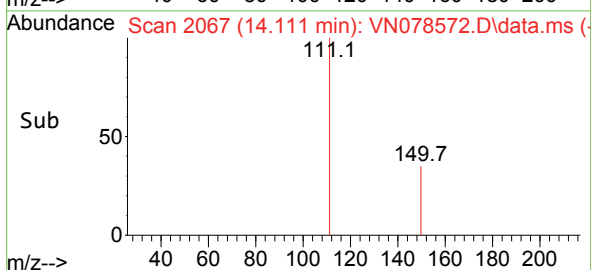
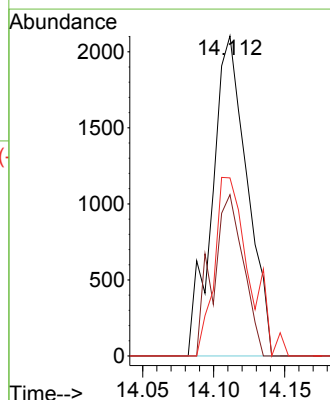
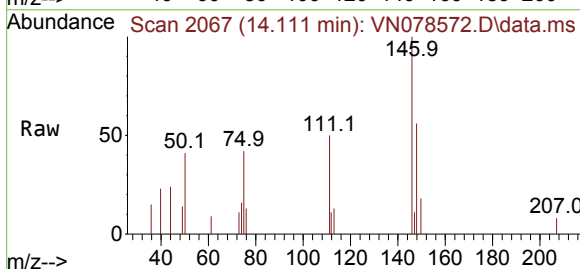
Tgt Ion:146 Resp: 3596

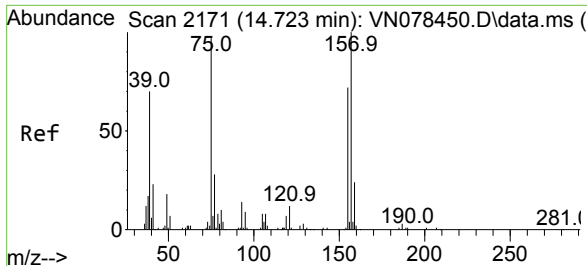
Ion Ratio Lower Upper

146 100

111 44.4 22.0 66.0

148 55.0 31.8 95.3

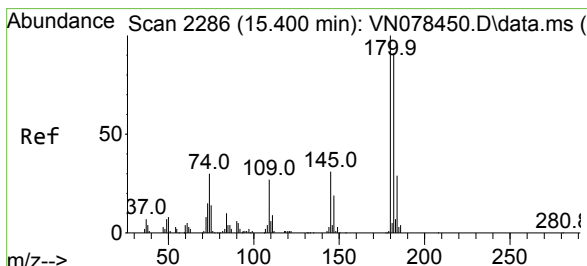
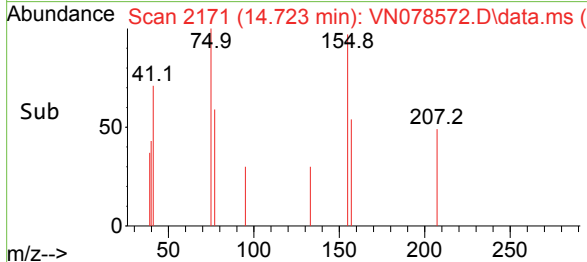
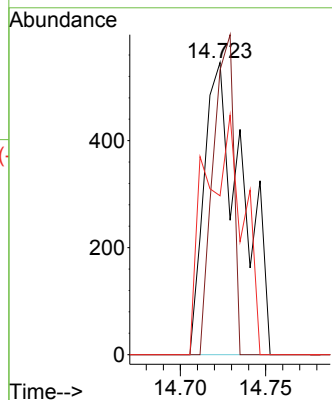
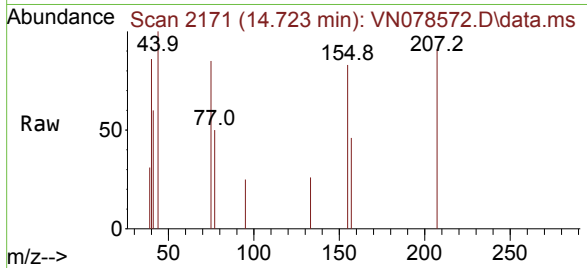




#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

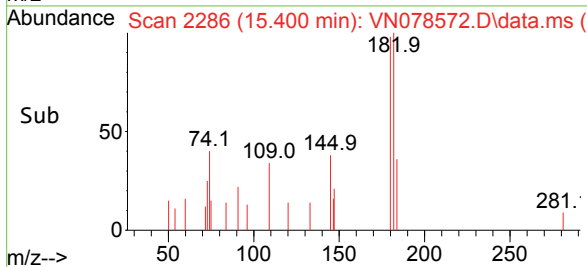
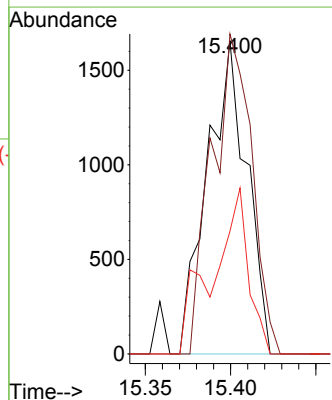
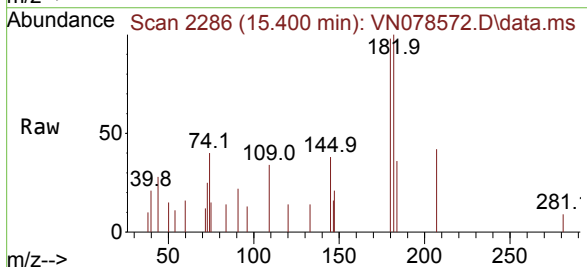
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

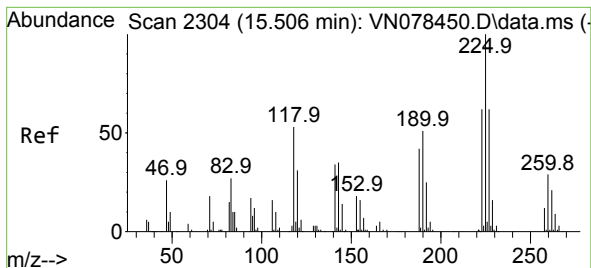
Tgt Ion: 75 Resp: 850
Ion Ratio Lower Upper
75 100
155 58.7 39.1 117.2
157 40.6 50.3 150.9#



#93
1,2,4-Trichlorobenzene
Concen: 1.043 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

Tgt Ion: 180 Resp: 2667
Ion Ratio Lower Upper
180 100
182 103.4 46.1 138.2
145 48.4 16.6 49.8





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.511 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN078572.D

Acq: 19 Jul 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0719MBL01

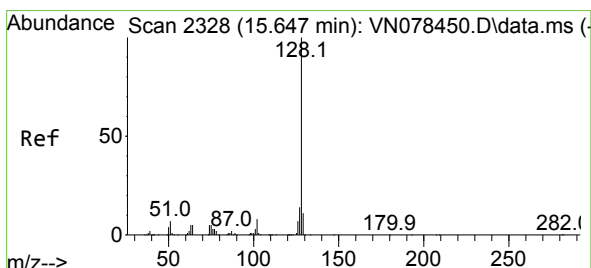
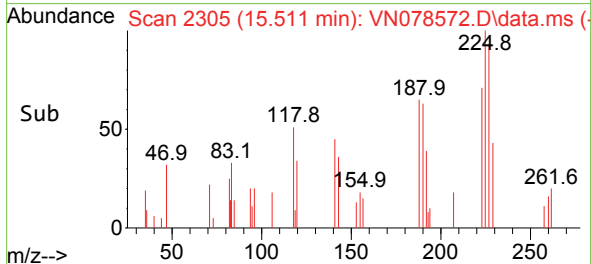
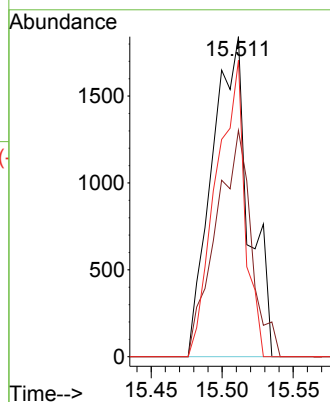
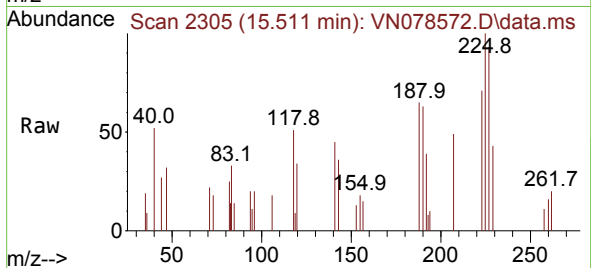
Tgt Ion:225 Resp: 3325

Ion Ratio Lower Upper

225 100

223 68.1 31.3 93.8

227 72.3 31.9 95.9



#95

Naphthalene

Concen: 1.387 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078572.D

Acq: 19 Jul 2023 11:03

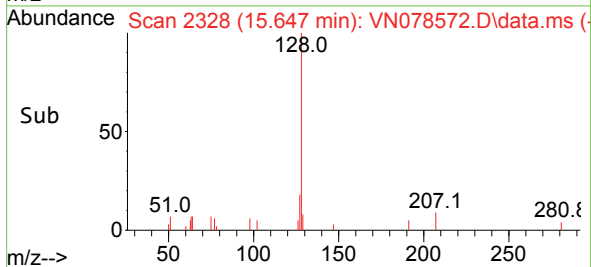
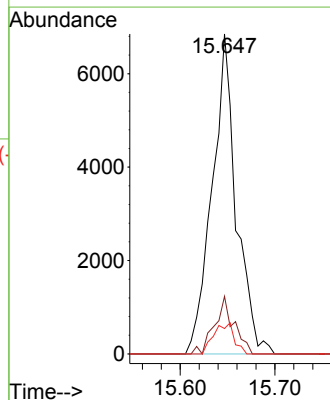
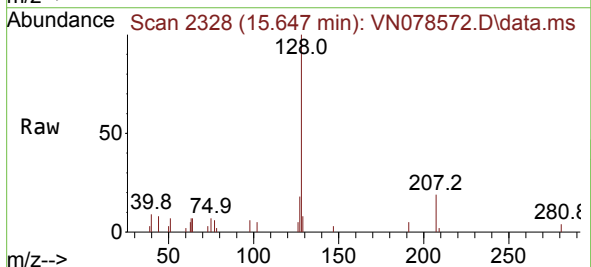
Tgt Ion:128 Resp: 12123

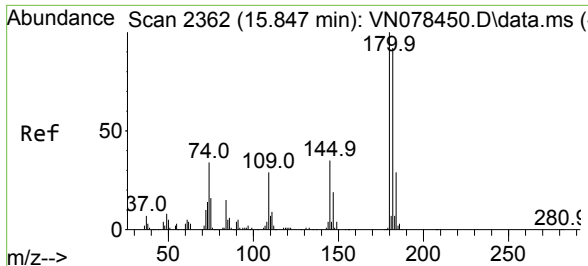
Ion Ratio Lower Upper

128 100

127 14.5 10.0 15.0

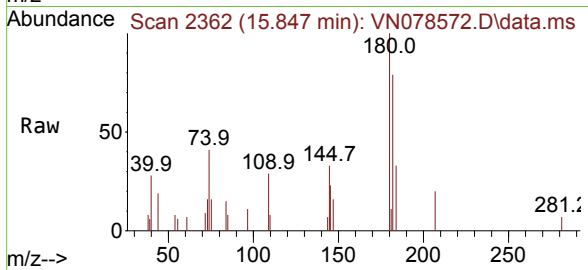
129 8.2 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.611 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078572.D
 Acq: 19 Jul 2023 11:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719MBL01



Tgt Ion:	180	Resp:	4737
Ion	Ratio	Lower	Upper
180	100		
182	90.3	46.2	138.6
145	40.3	17.5	52.6

