

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078596.D
 Acq On : 20 Jul 2023 16:21
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 21 06:17:15 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	417962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	741240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	673926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	270552	48.285	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.580%
35) Dibromofluoromethane	8.171	113	276138	54.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.760%
50) Toluene-d8	10.570	98	864480	45.479	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.960%
62) 4-Bromofluorobenzene	12.853	95	298167	50.925	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.860%
Target Compounds						
					Qvalue	
3) Chloromethane	2.383	50	1890	0.339	ug/l	92
5) Bromomethane	2.965	94	2631	Below Cal	#	63
6) Chloroethane	3.124	64	1696	Below Cal		95
10) Methyl Iodide	4.618	142	3559	0.568	ug/l #	78
11) Tert butyl alcohol	5.571	59	201	0.233	ug/l #	72
13) Acrolein	4.183	56	701	0.825	ug/l #	71
15) Acrylonitrile	5.736	53	1168	0.535	ug/l #	63
16) Acetone	4.441	43	569	0.326	ug/l #	40
17) Carbon Disulfide	4.706	76	4029	0.316	ug/l #	91
18) Methyl Acetate	5.071	43	2469	0.334	ug/l #	73
20) Methylene Chloride	5.294	84	1456	Below Cal	#	66
25) 2-Butanone	7.488	43	758	0.276	ug/l #	37
29) Tetrahydrofuran	7.865	42	862	0.478	ug/l #	36
31) Cyclohexane	8.229	56	9271	1.224	ug/l #	13
36) 1,1-Dichloropropene	8.229	75	35993	4.954	ug/l #	48
38) Carbon Tetrachloride	8.229	117	43784	5.545	ug/l #	16
43) Isopropyl Acetate	8.718	43	5665	0.568	ug/l #	49
49) 1,4-Dioxane	9.712	88	57	0.566	ug/l #	1
51) 4-Methyl-2-Pentanone	10.459	43	3664	0.618	ug/l #	57
59) 2-Hexanone	11.212	43	4467	1.060	ug/l	79
68) m/p-Xylenes	12.076	106	1911	0.203	ug/l	99
74) N-amyl acetate	12.494	43	2440	0.325	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.935	83	1347	Below Cal	#	90
76) 1,2,3-Trichloropropane	12.853	75	156723	27.939	ug/l #	1
77) Bromobenzene	12.988	156	1283	Below Cal		85
81) trans-1,4-Dichloro-2-b...	12.853	75	156723	73.420	ug/l #	15
82) 4-Chlorotoluene	13.229	91	3939	0.276	ug/l	93
84) 1,2,4-Trimethylbenzene	13.494	105	4393	0.262	ug/l	96
85) sec-Butylbenzene	13.617	105	4266	0.231	ug/l	89
86) p-Isopropyltoluene	13.741	119	3105	0.209	ug/l	95
87) 1,3-Dichlorobenzene	13.741	146	2721	0.325	ug/l	94
88) 1,4-Dichlorobenzene	13.741	146	2721	0.323	ug/l	91
89) n-Butylbenzene	14.064	91	4700	0.442	ug/l	96
90) Hexachloroethane	14.335	117	434	Below Cal		69
91) 1,2-Dichlorobenzene	14.117	146	2804	0.337	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	780	Below Cal		78

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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

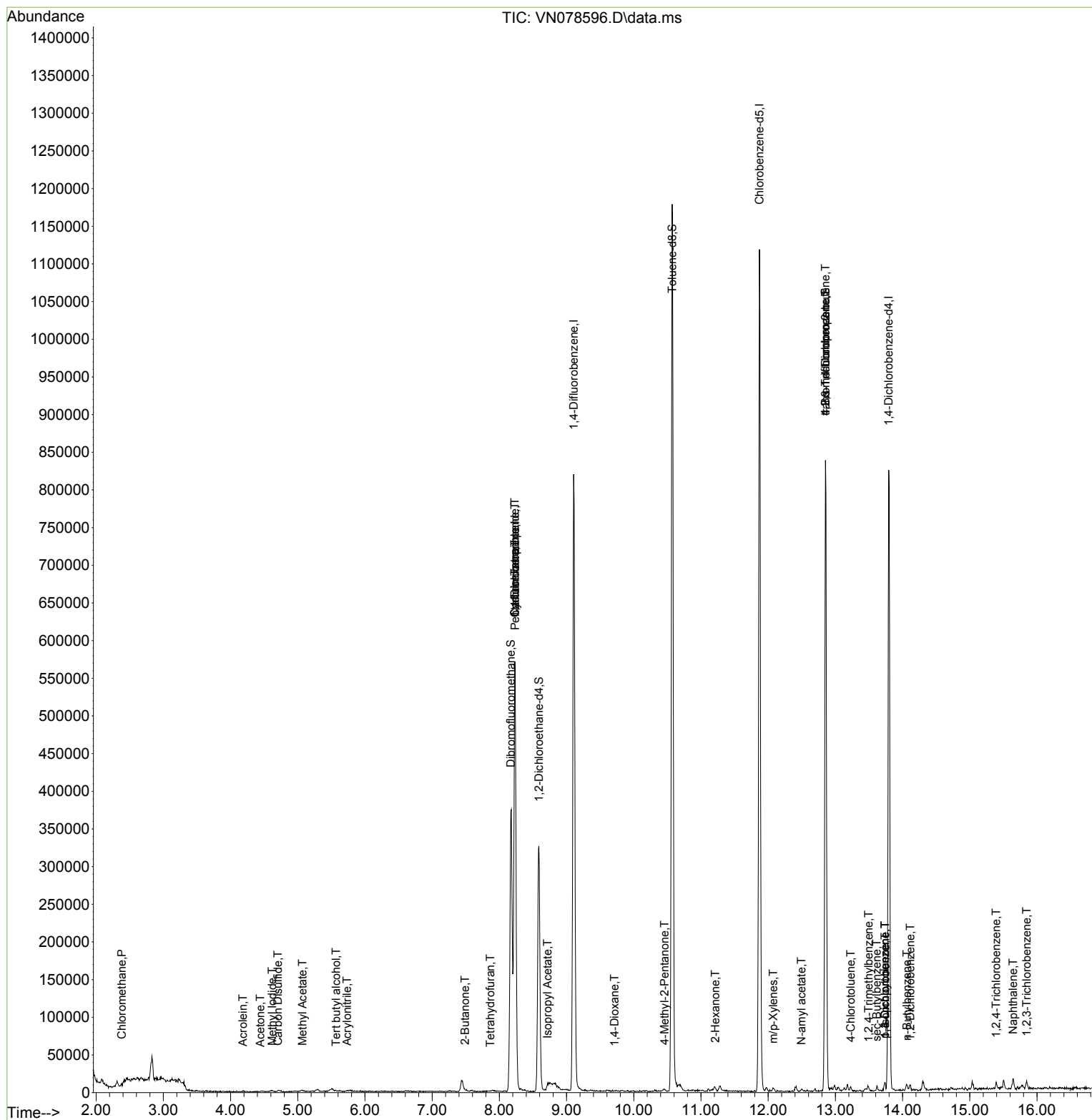
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.394	180	2224	0.836	ug/l	87
94) Hexachlorobutadiene	15.505	225	2089	Below Cal		97
95) Naphthalene	15.647	128	10376	1.142	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.847	180	3983	1.303	ug/l	82

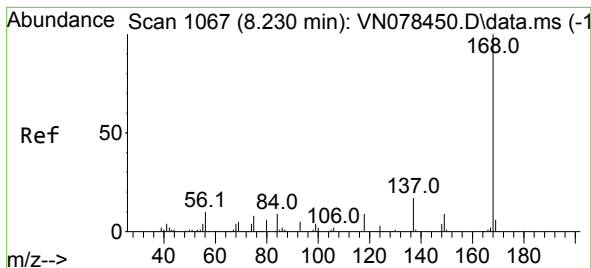
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078596.D

Acq: 20 Jul 2023 16:21

Instrument :

MSVOA_N

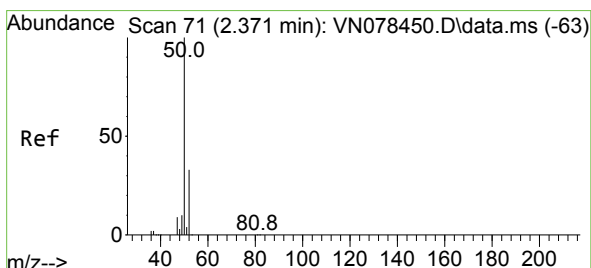
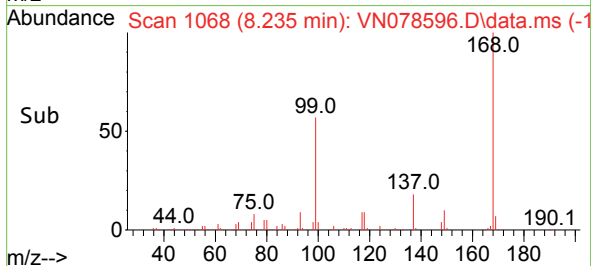
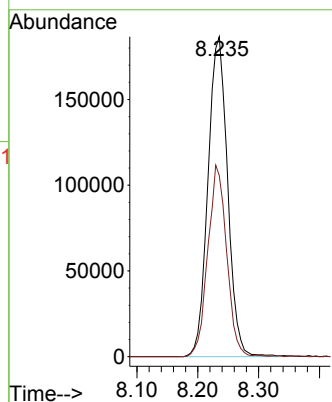
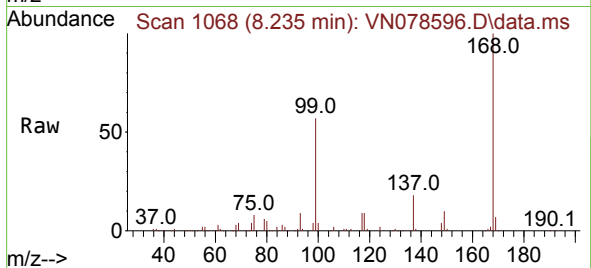
ClientSampleId :

Tgt Ion:168 Resp: 417962

Ion Ratio Lower Upper

168 100

99 56.7 53.0 79.6



#3

Chloromethane

Concen: 0.339 ug/l

RT: 2.383 min Scan# 73

Delta R.T. 0.012 min

Lab File: VN078596.D

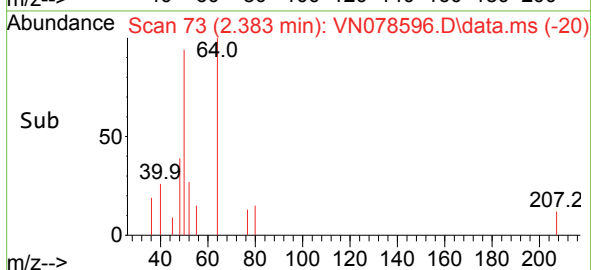
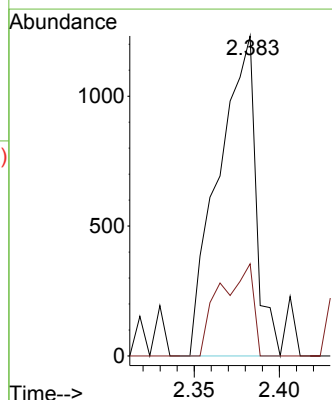
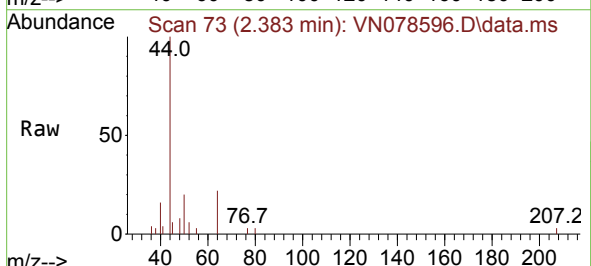
Acq: 20 Jul 2023 16:21

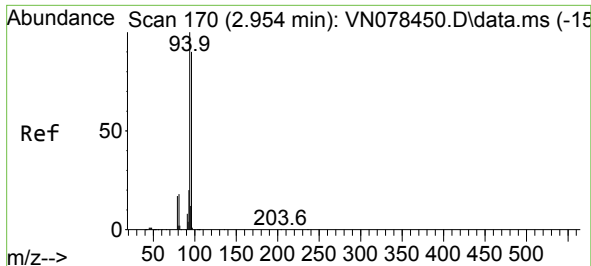
Tgt Ion: 50 Resp: 1890

Ion Ratio Lower Upper

50 100

52 28.8 26.5 39.7

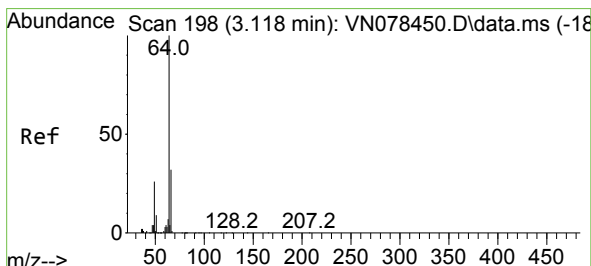
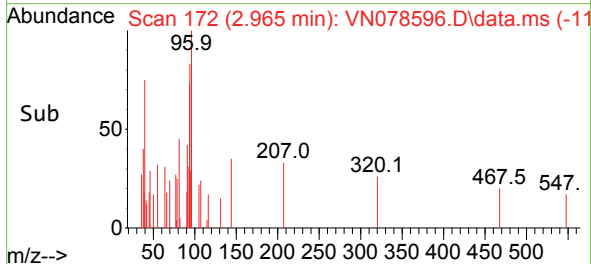
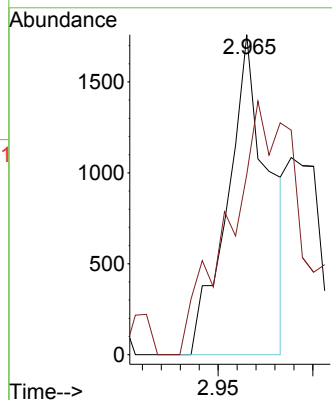
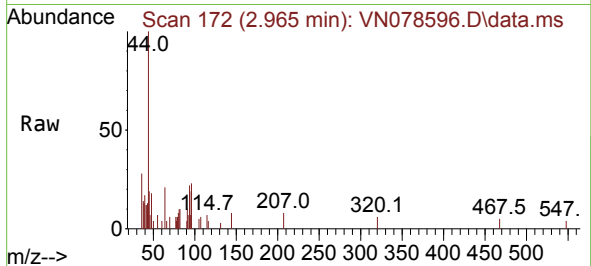




#5
Bromomethane
Concen: Below Cal
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

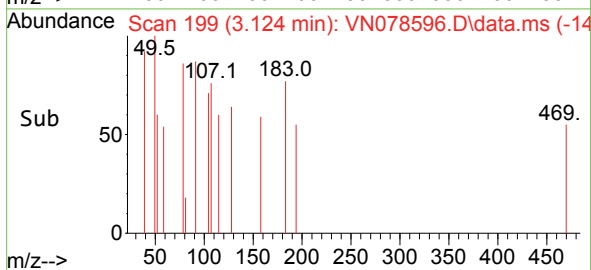
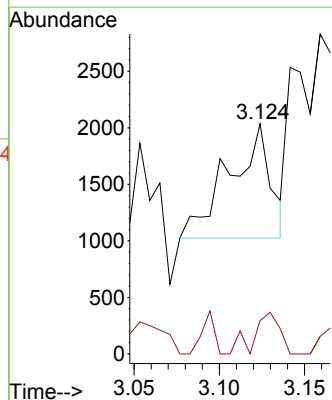
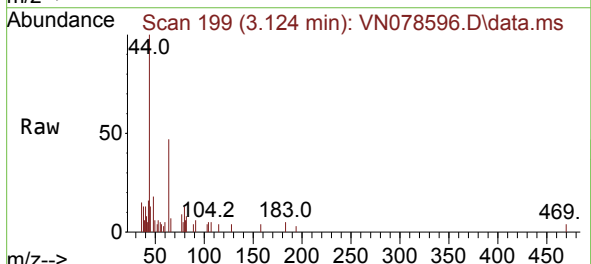
Instrument :
MSVOA_N
ClientSampleId :

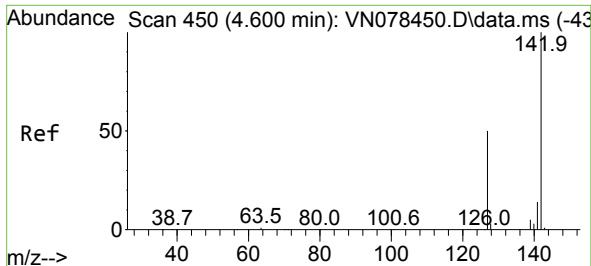
Tgt Ion: 94 Resp: 2631
Ion Ratio Lower Upper
94 100
96 56.3 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

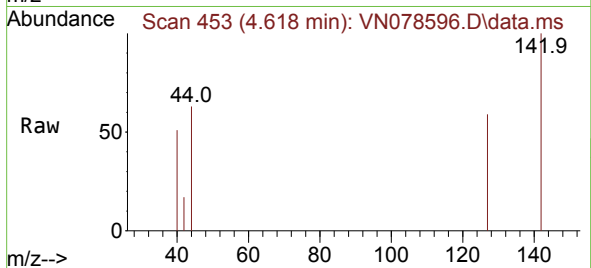
Tgt Ion: 64 Resp: 1696
Ion Ratio Lower Upper
64 100
66 29.2 25.4 38.2



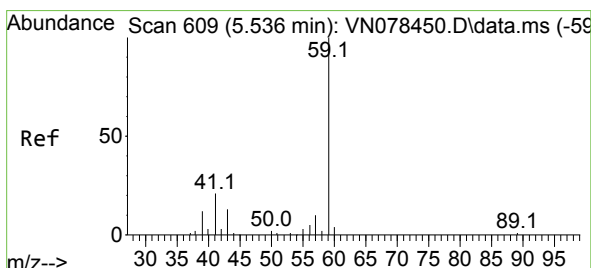
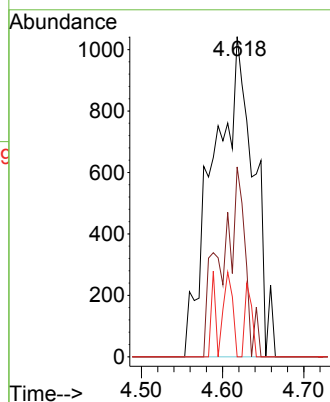
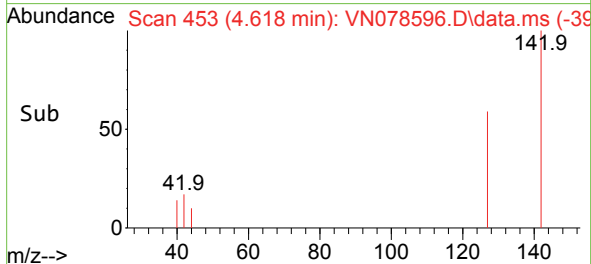


#10
Methyl Iodide
Concen: 0.568 ug/l
RT: 4.618 min Scan# 418
Delta R.T. 0.018 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :

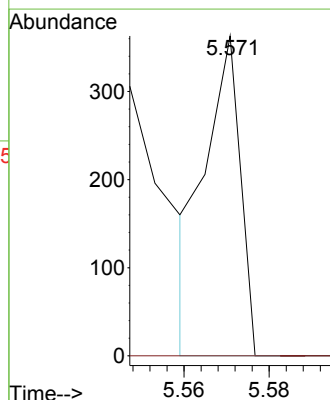
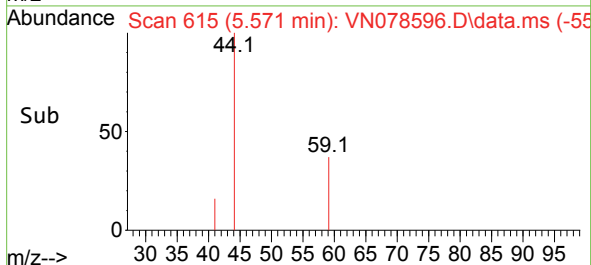
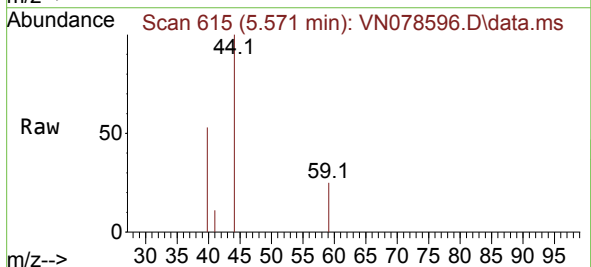


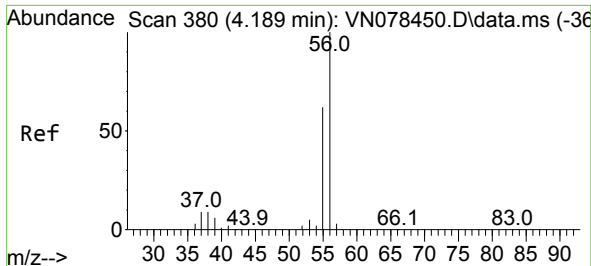
Tgt Ion:142 Resp: 3559
Ion Ratio Lower Upper
142 100
127 59.3 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.233 ug/l
RT: 5.571 min Scan# 615
Delta R.T. 0.035 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

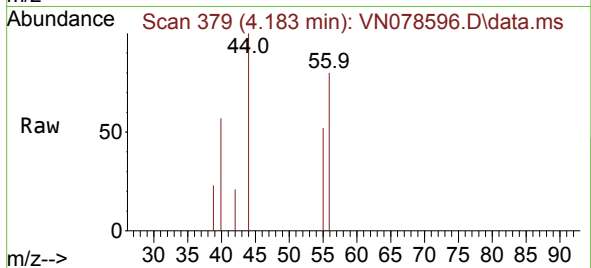
Tgt Ion: 59 Resp: 201
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



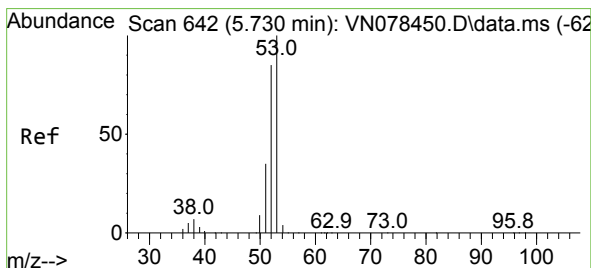
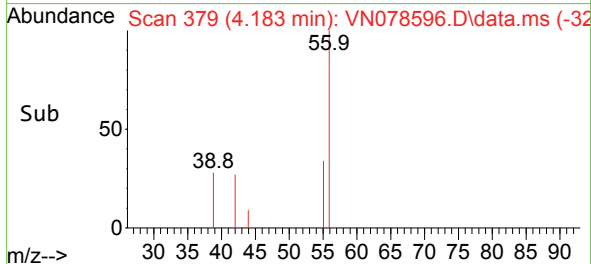
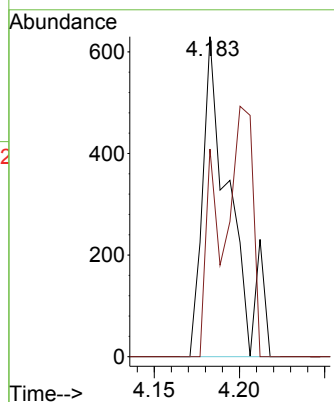


#13
Acrolein
Concen: 0.825 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :

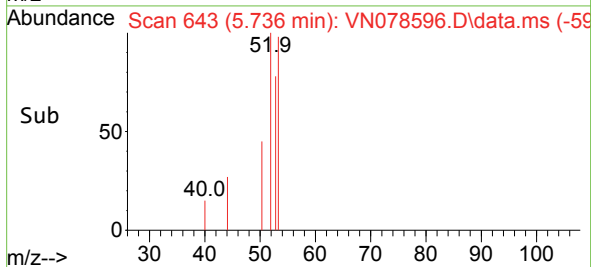
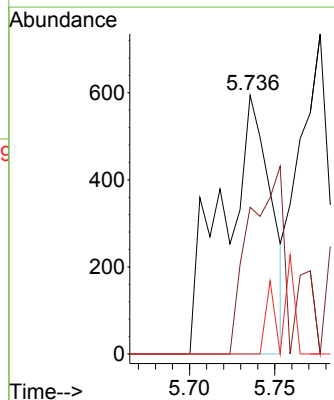
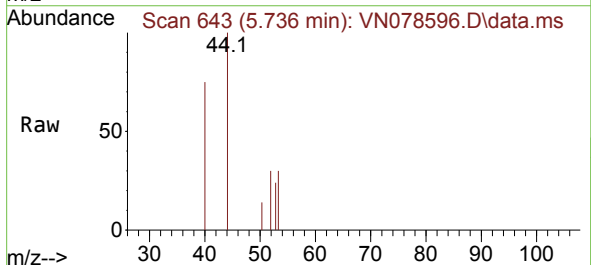


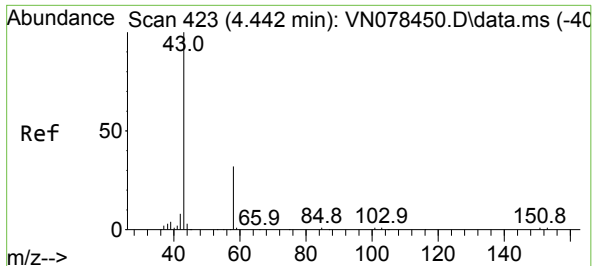
Tgt Ion: 56 Resp: 701
Ion Ratio Lower Upper
56 100
55 91.7 54.5 81.7#



#15
Acrylonitrile
Concen: 0.535 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.005 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

Tgt Ion: 53 Resp: 1168
Ion Ratio Lower Upper
53 100
52 55.3 65.3 97.9#
51 5.1 28.9 43.3#

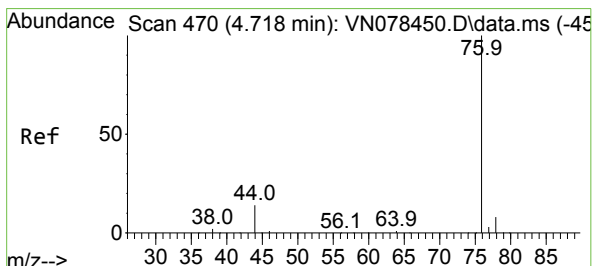
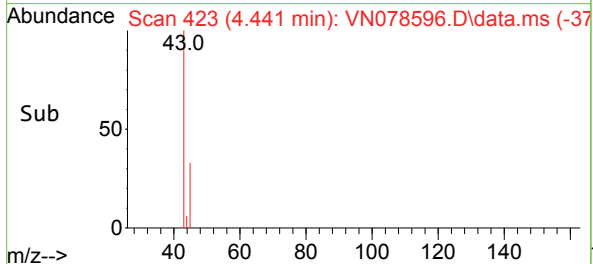
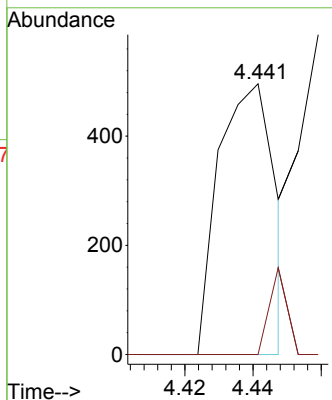
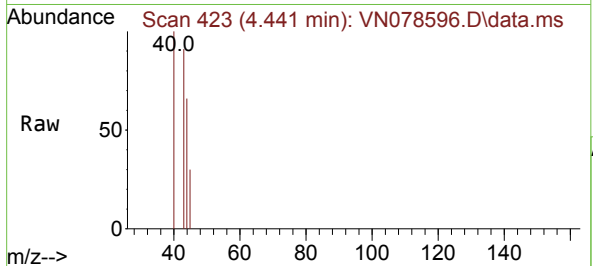




#16
Acetone
Concen: 0.326 ug/l
RT: 4.441 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

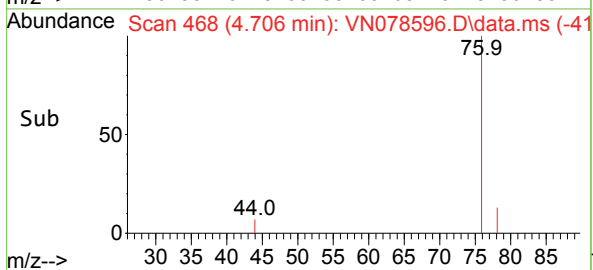
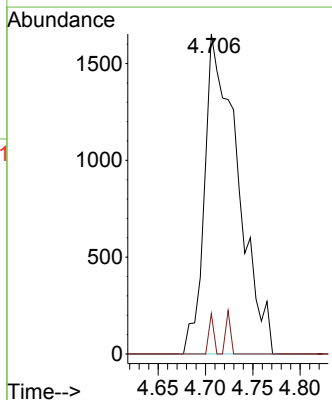
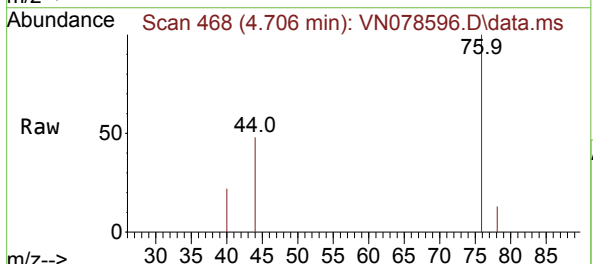
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MSVOA_N
ClientSampleId :

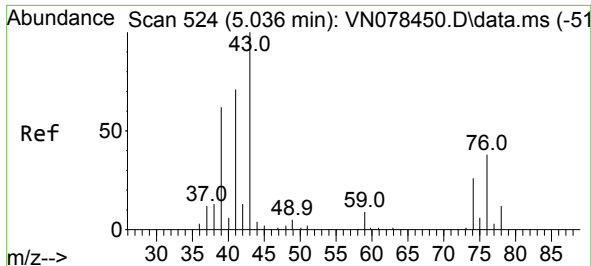
Tgt Ion: 43 Resp: 569
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.316 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.012 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

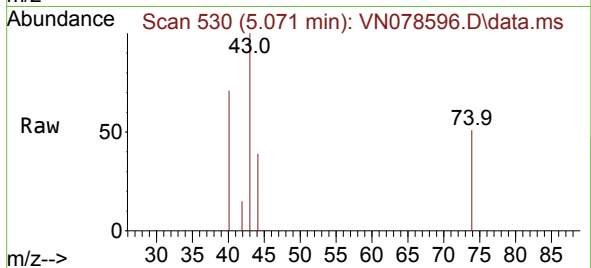
Tgt Ion: 76 Resp: 4029
Ion Ratio Lower Upper
76 100
78 12.6 7.4 11.0#



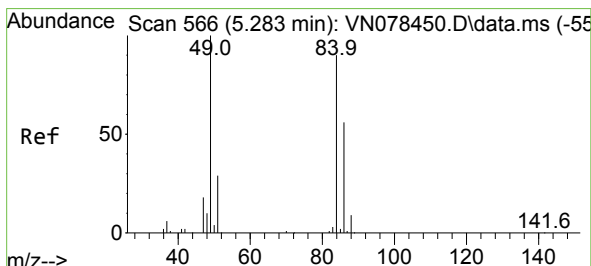
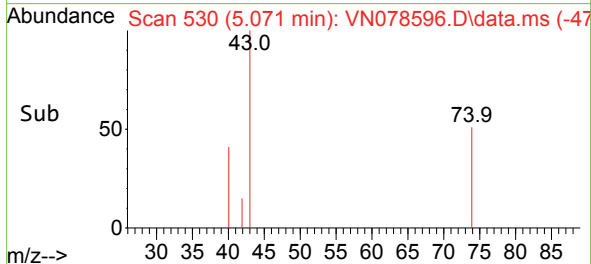
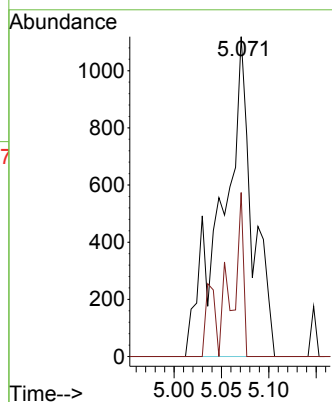


#18
Methyl Acetate
Concen: 0.334 ug/l
RT: 5.071 min Scan# 51
Delta R.T. 0.035 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

Instrument :
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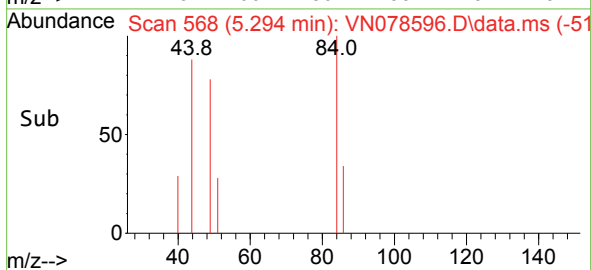
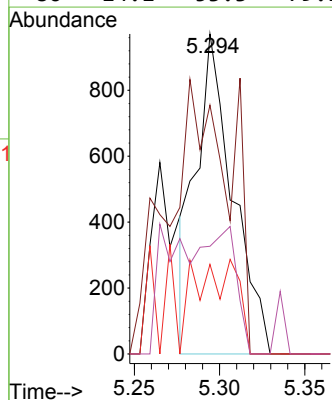
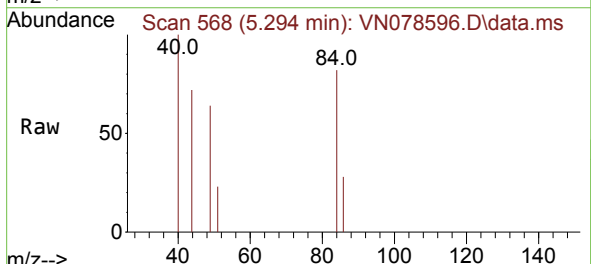


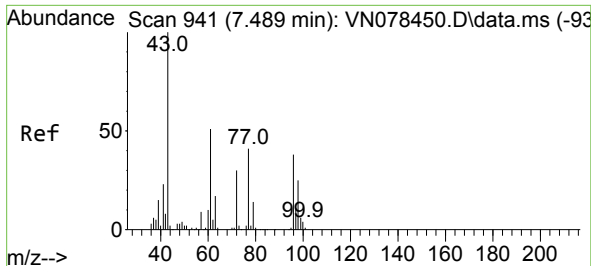
Tgt Ion: 43 Resp: 2469
Ion Ratio Lower Upper
43 100
74 17.6 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 568
Delta R.T. 0.011 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

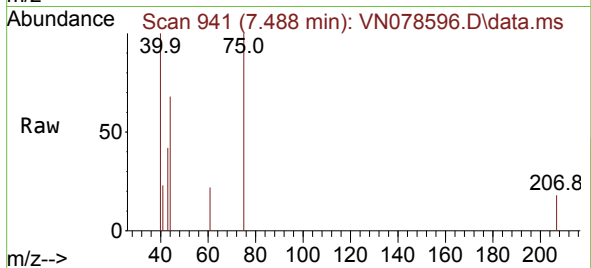
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Ion Ratio Lower Upper
84 100
49 77.8 79.7 119.5#
51 28.0 25.2 37.8
86 14.1 53.3 79.9#



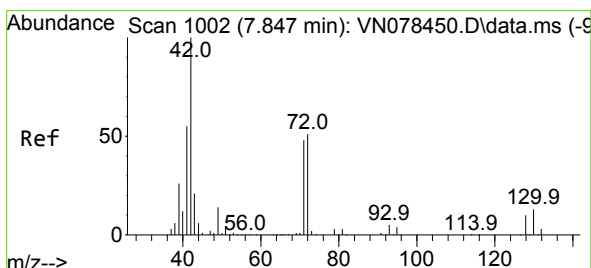
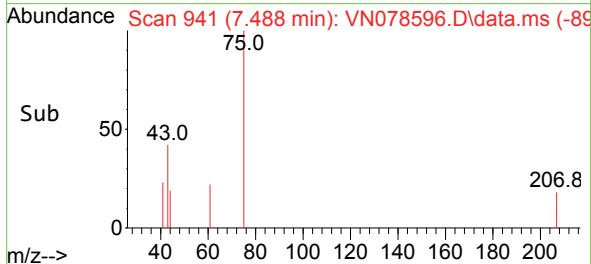
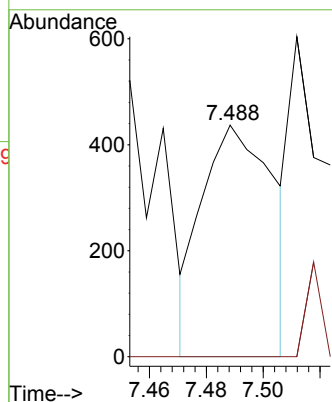


#25
2-Butanone
Concen: 0.276 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.001 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :

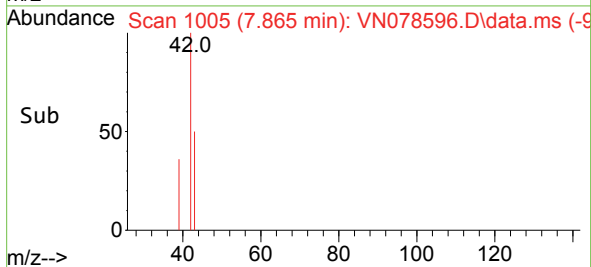
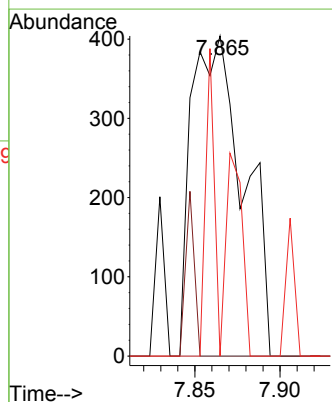
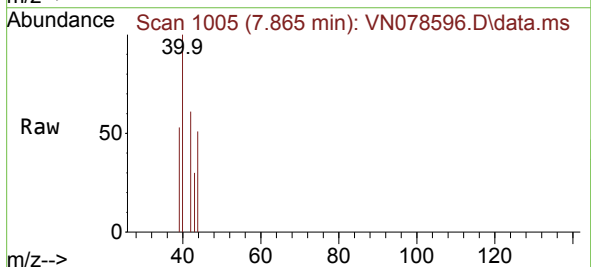


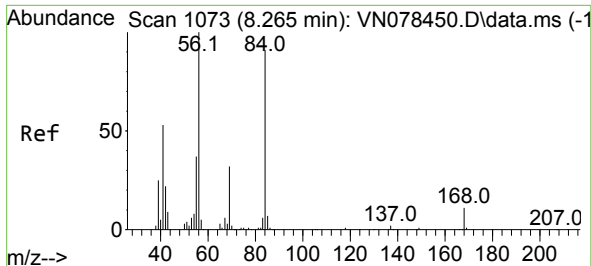
Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.478 ug/l
RT: 7.865 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

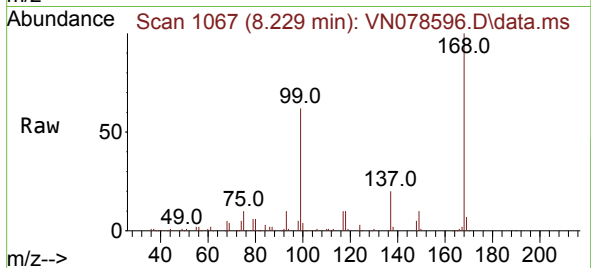
Tgt Ion: 42 Resp: 862
Ion Ratio Lower Upper
42 100
72 8.5 49.8 74.6#
71 15.9 47.4 71.2#



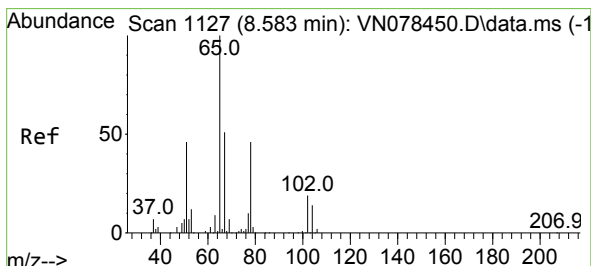
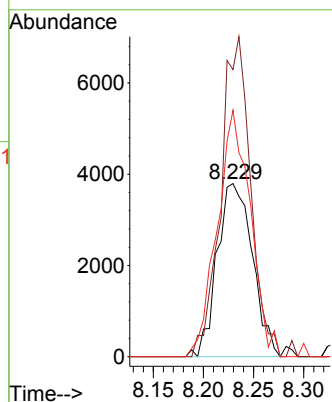
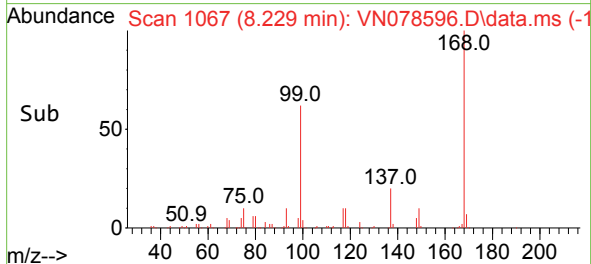


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :

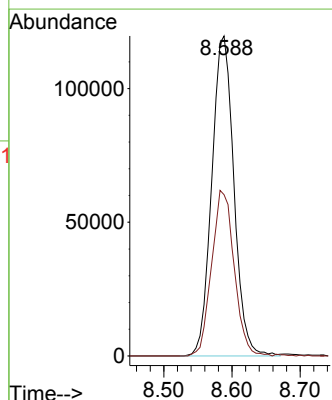
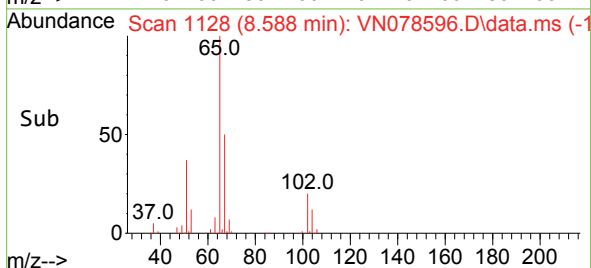
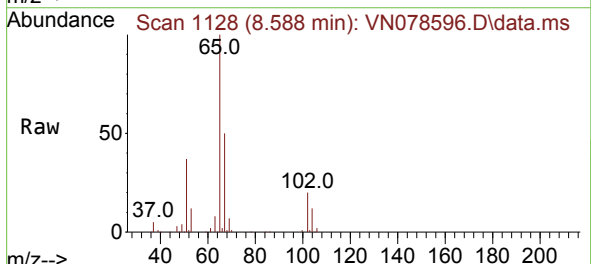


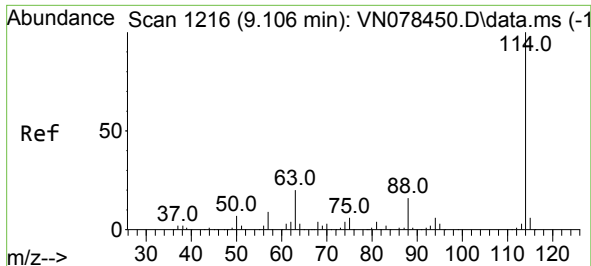
Tgt Ion: 56 Resp: 9271
Ion Ratio Lower Upper
56 100
69 165.8 26.8 40.2#
84 142.3 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 48.285 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

Tgt Ion: 65 Resp: 270552
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6

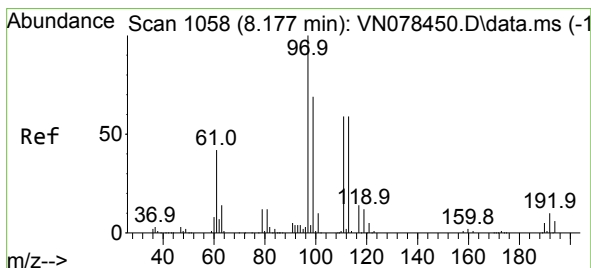
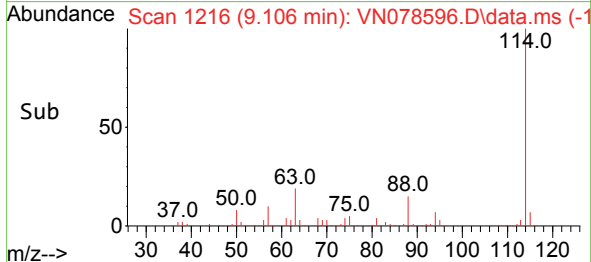
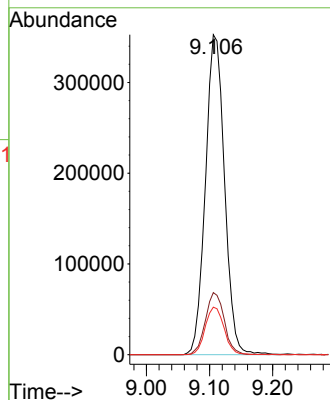
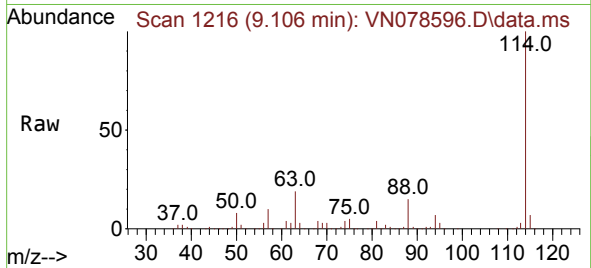




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

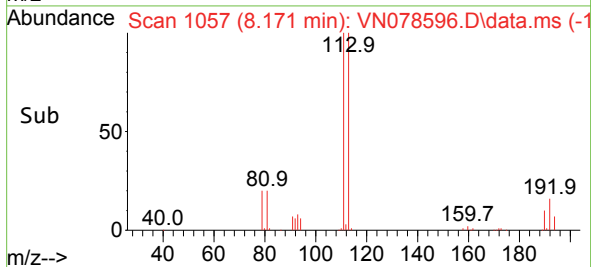
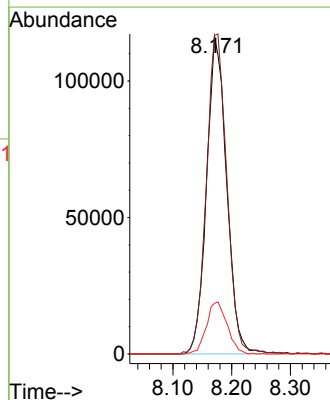
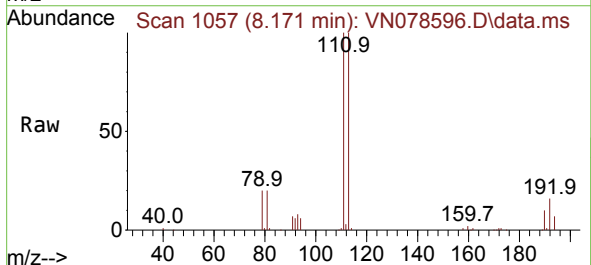
Instrument :
MSVOA_N
ClientSampleId :

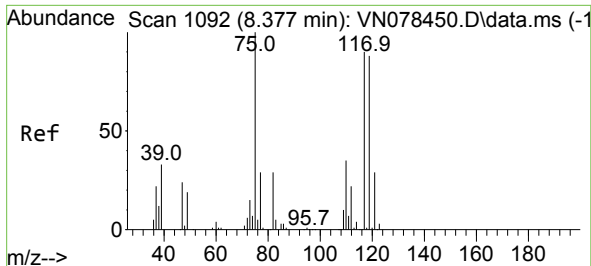
Tgt Ion:114 Resp: 741240
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.879 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

Tgt Ion:113 Resp: 276138
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 16.9 12.7 19.1

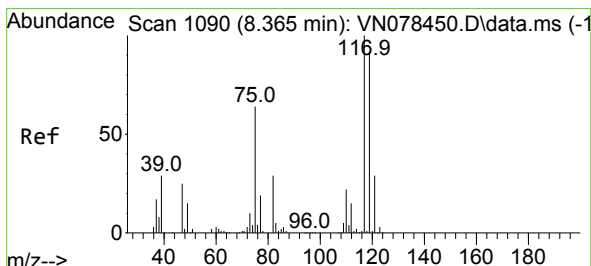
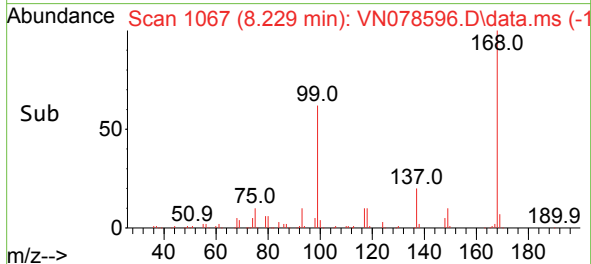
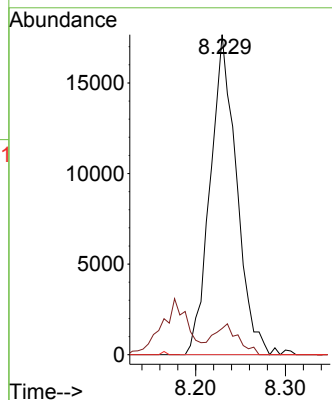
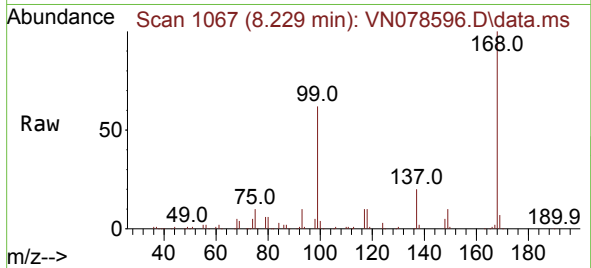




#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.148 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

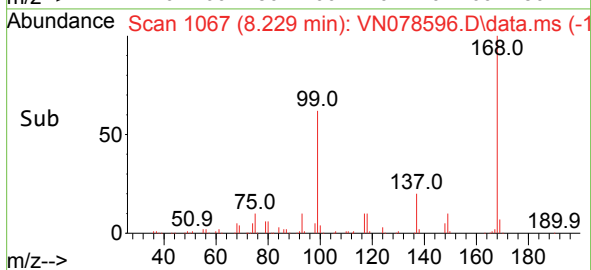
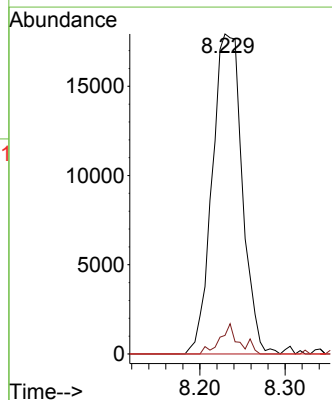
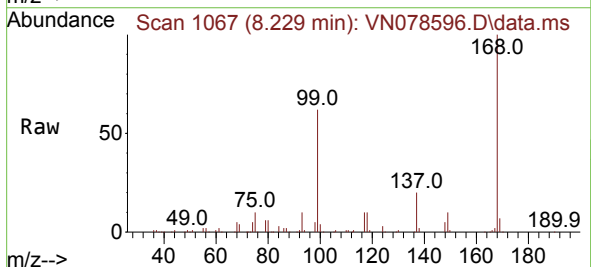
Instrument :
MSVOA_N
ClientSampleId :

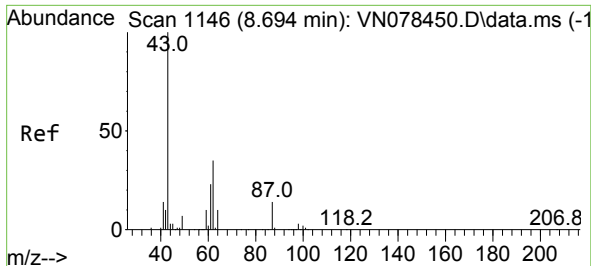
Tgt Ion: 75 Resp: 35993
Ion Ratio Lower Upper
75 100
110 9.3 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.545 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.136 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

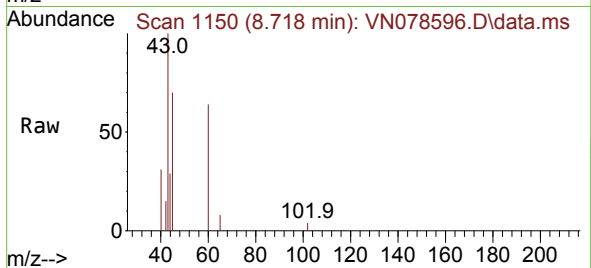
Tgt Ion: 117 Resp: 43784
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 23.3 34.9#



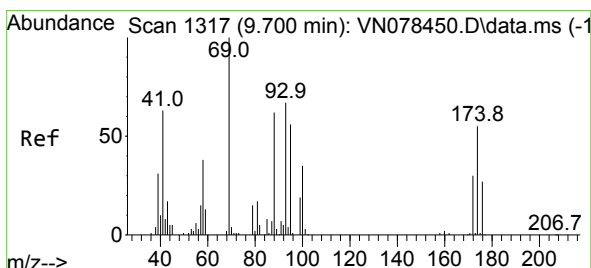
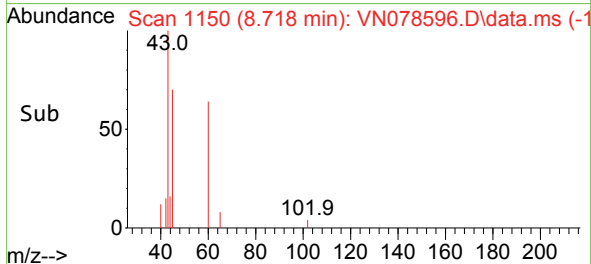
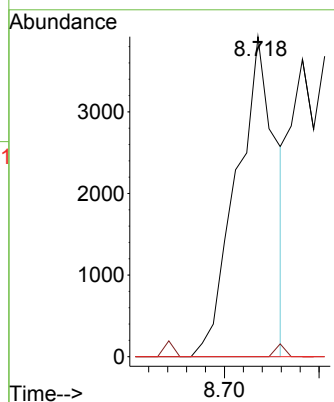


#43
Isopropyl Acetate
Concen: 0.568 ug/l
RT: 8.718 min Scan# 1150
Delta R.T. 0.024 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :

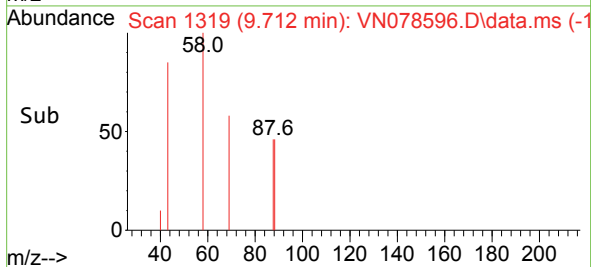
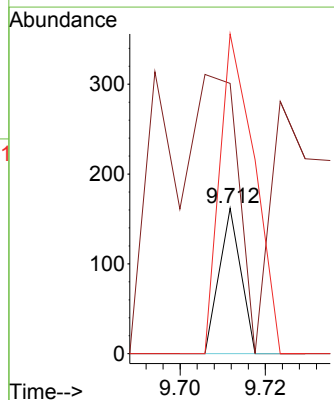
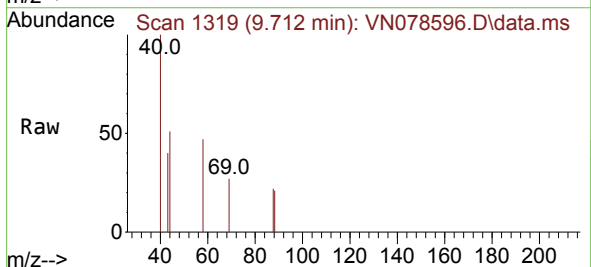


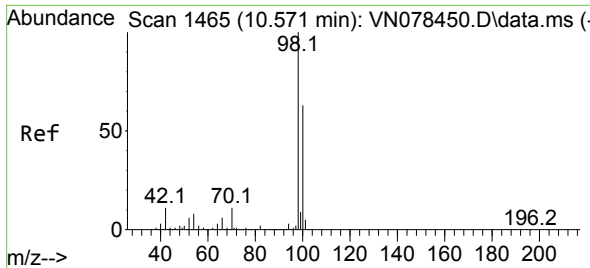
Tgt Ion: 43 Resp: 5665
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#49
1,4-Dioxane
Concen: 0.566 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 673.7 17.0 25.6#
58 354.4 47.0 70.4#

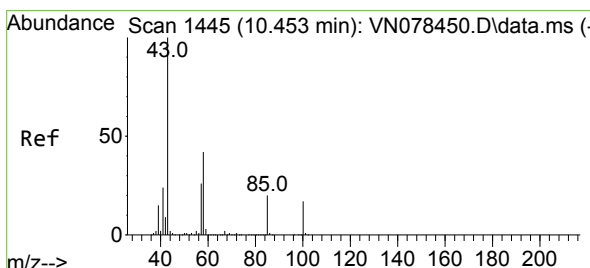
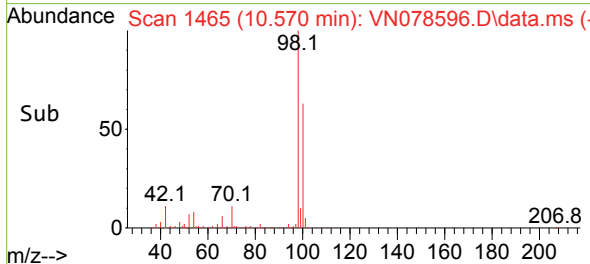
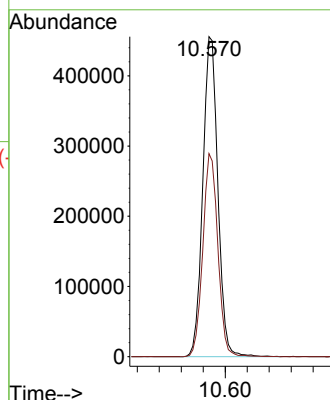
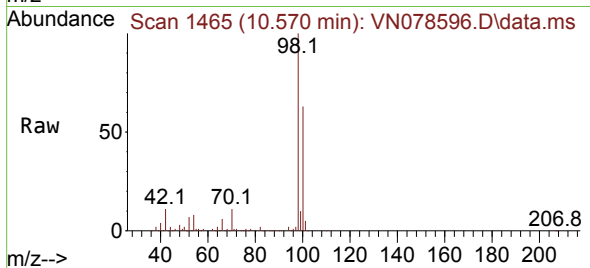




#50
Toluene-d8
Concen: 45.479 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

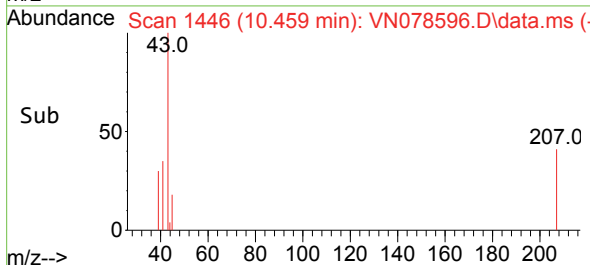
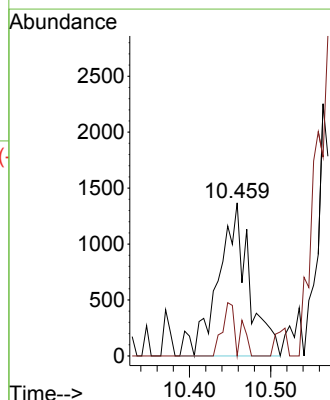
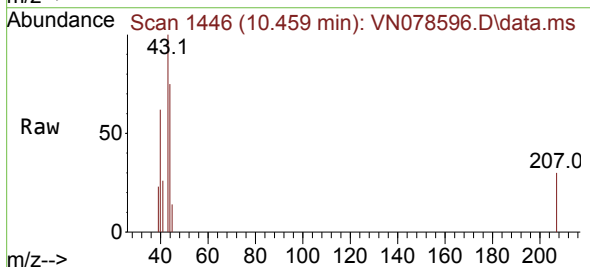
Instrument :
MSVOA_N
ClientSampleId :

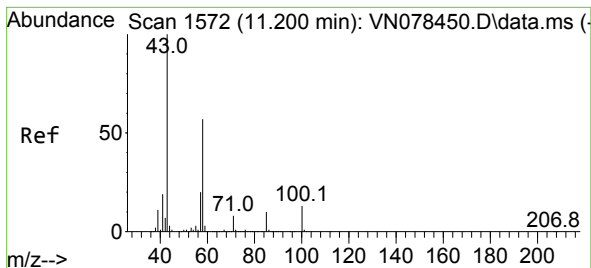
Tgt Ion: 98 Resp: 864480
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.618 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.006 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

Tgt Ion: 43 Resp: 3664
Ion Ratio Lower Upper
43 100
58 17.7 36.6 54.8#

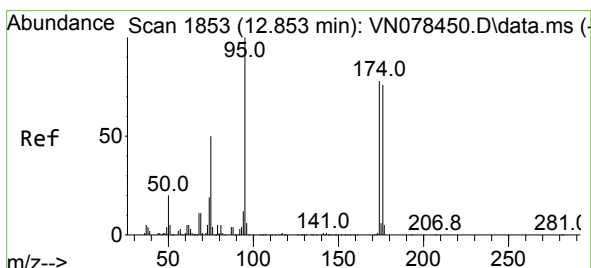
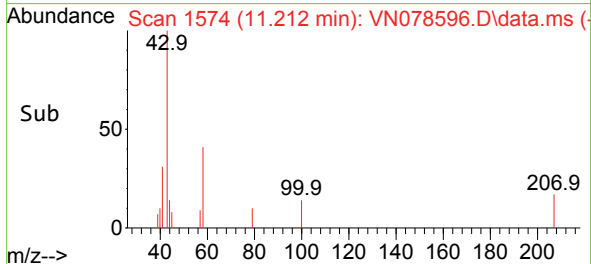
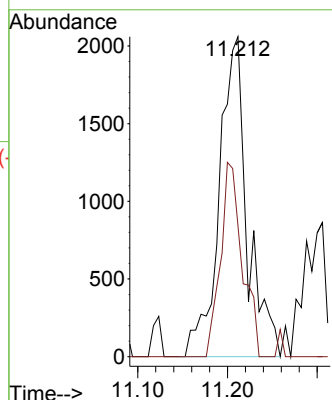
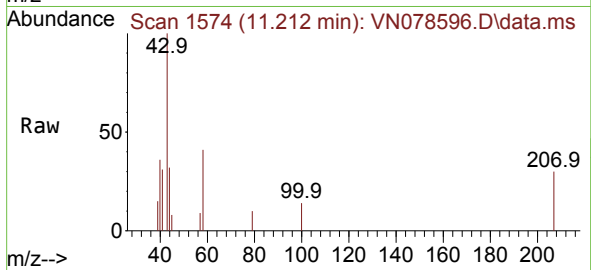




#59
2-Hexanone
Concen: 1.060 ug/l
RT: 11.212 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

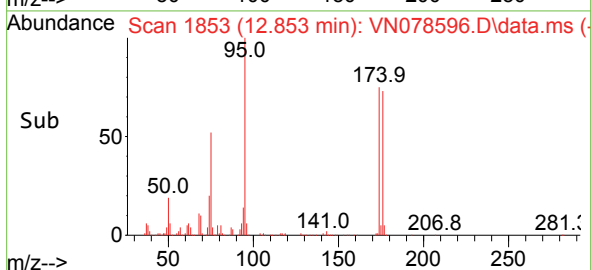
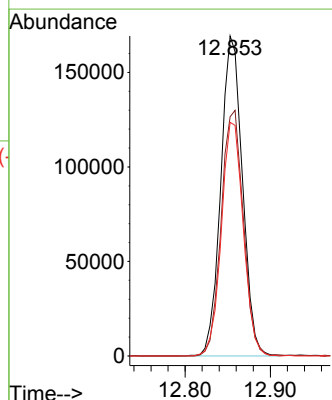
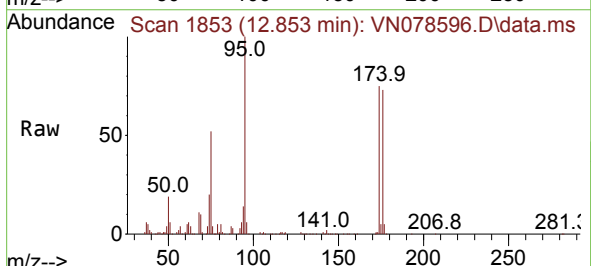
Instrument :
MSVOA_N
ClientSampleId :

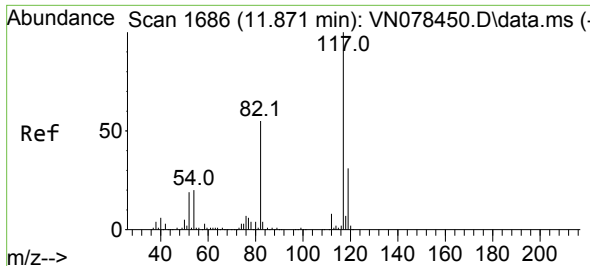
Tgt Ion: 43 Resp: 4467
Ion Ratio Lower Upper
43 100
58 47.1 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 50.925 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

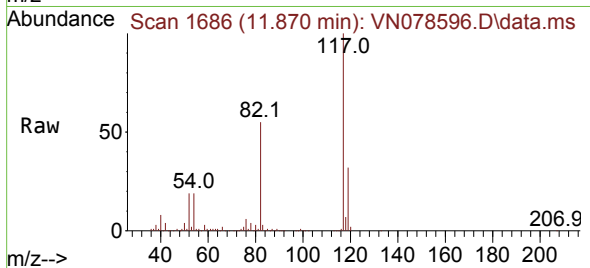
Tgt Ion: 95 Resp: 298167
Ion Ratio Lower Upper
95 100
174 78.7 0.0 143.8
176 74.0 0.0 135.8



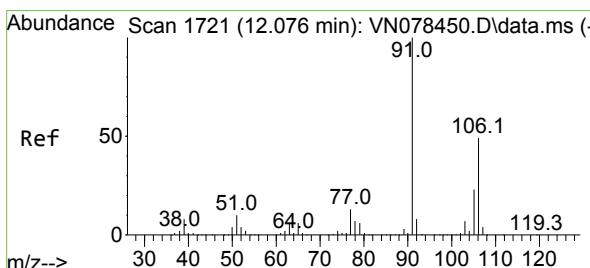
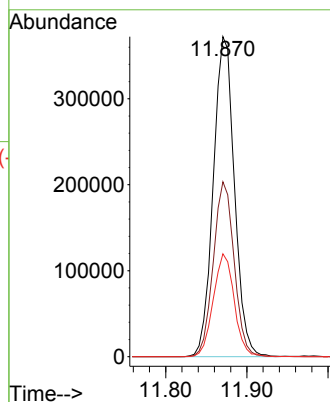
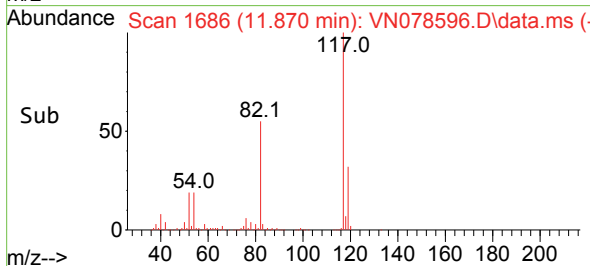


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :

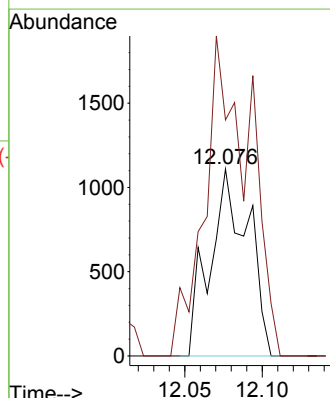
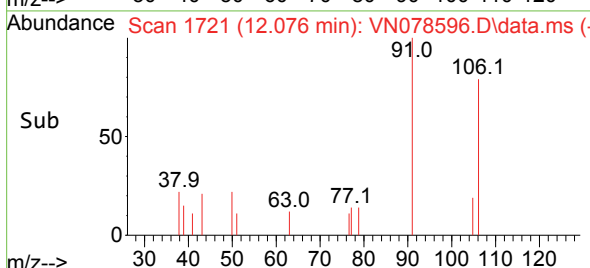
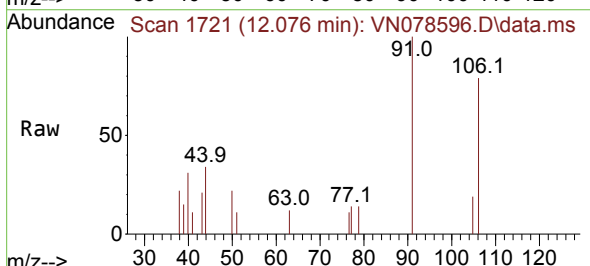


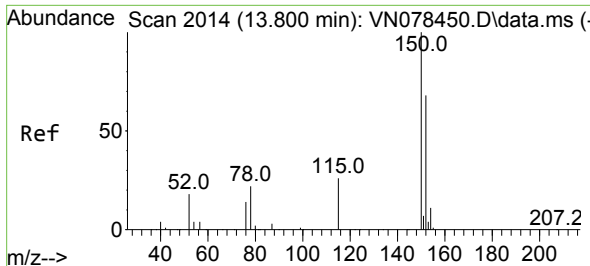
Tgt Ion:117 Resp: 673926
Ion Ratio Lower Upper
117 100
82 54.6 44.0 66.0
119 32.2 25.6 38.4



#68
m/p-Xylenes
Concen: 0.203 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

Tgt Ion:106 Resp: 1911
Ion Ratio Lower Upper
106 100
91 198.2 159.6 239.4

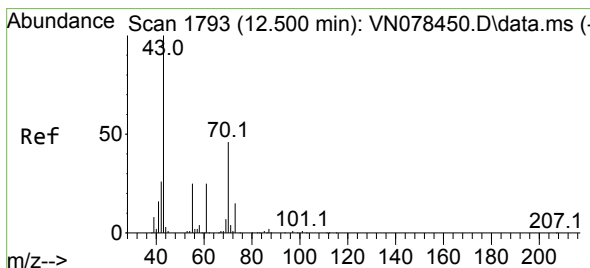
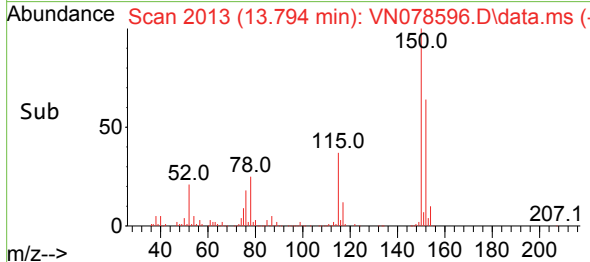
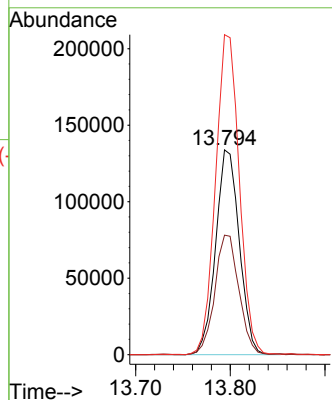
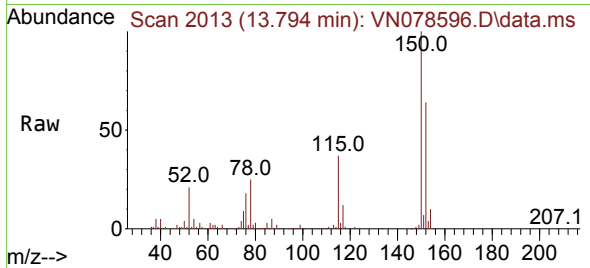




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

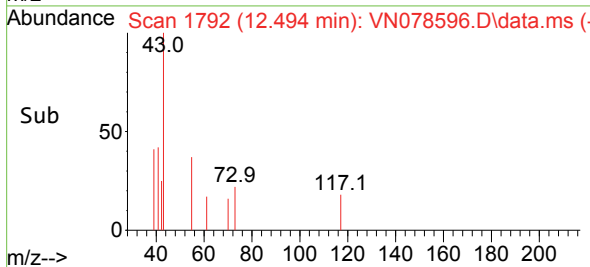
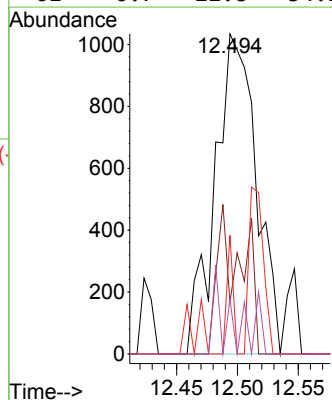
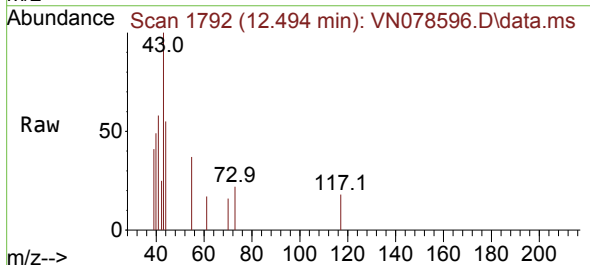
Instrument :
MSVOA_N
ClientSampleId :

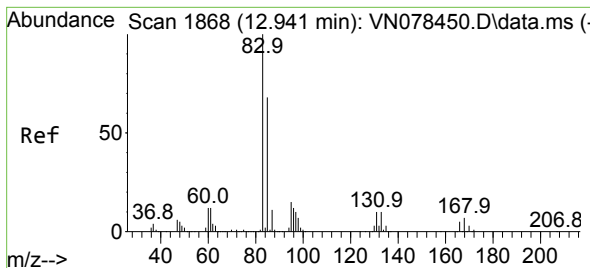
Tgt Ion:152 Resp: 232069
Ion Ratio Lower Upper
152 100
115 59.6 32.3 96.8
150 157.2 0.0 355.8



#74
N-amy1 acetate
Concen: 0.325 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

Tgt Ion: 43 Resp: 2440
Ion Ratio Lower Upper
43 100
70 13.2 43.4 65.2#
55 5.5 21.4 32.0#
61 6.7 22.8 34.2#

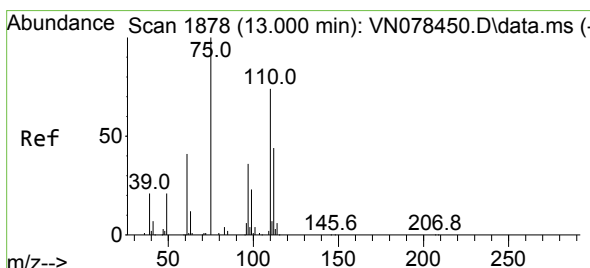
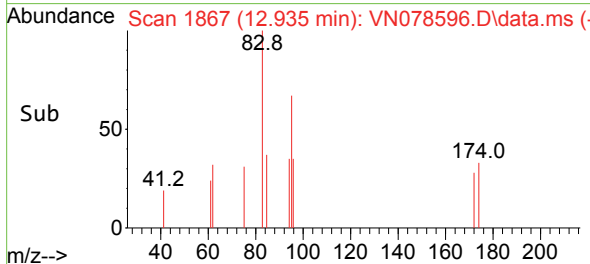
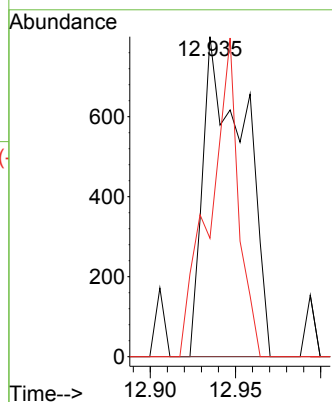
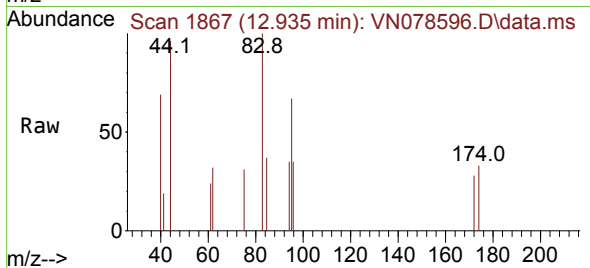




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

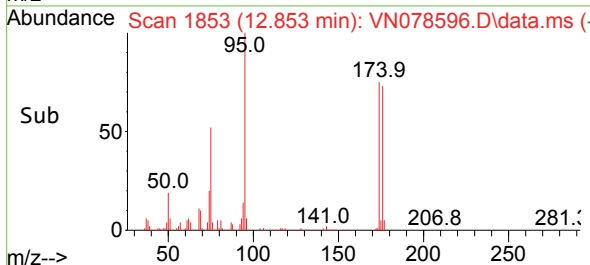
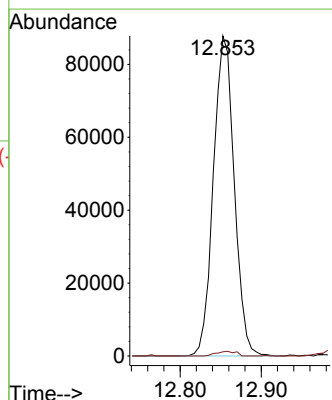
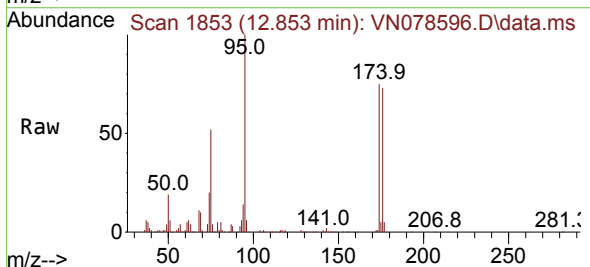
Instrument :
MSVOA_N
ClientSampleId :

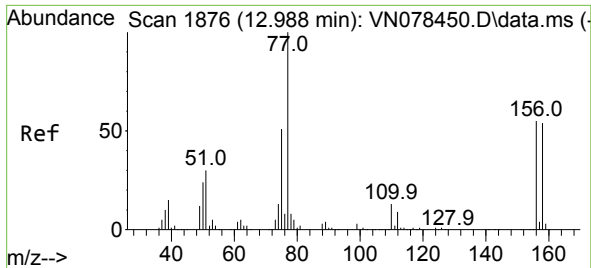
Tgt Ion: 83 Resp: 1347
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 69.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 27.939 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

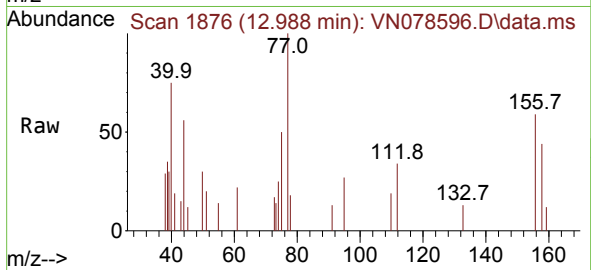
Tgt Ion: 75 Resp: 156723
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#



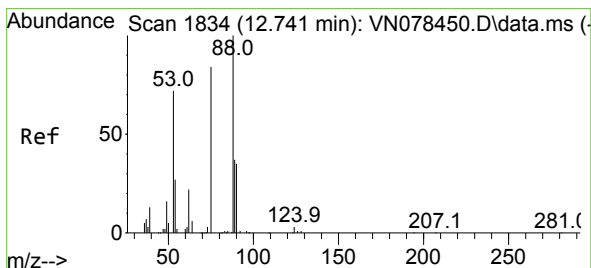
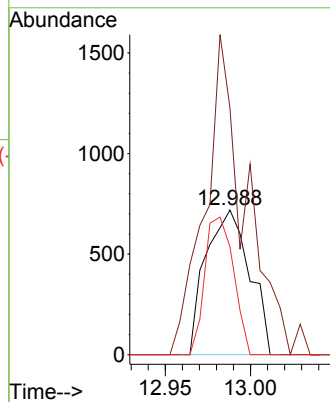
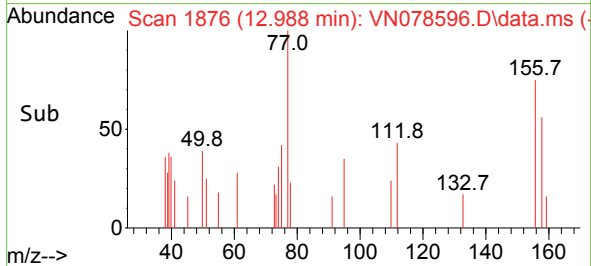


#77
Bromobenzene
Concen: Below Cal
RT: 12.988 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

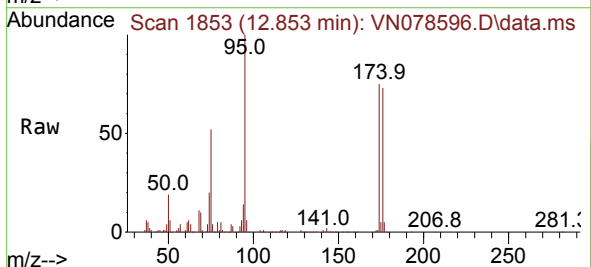
Instrument :
MSVOA_N
ClientSampleId :



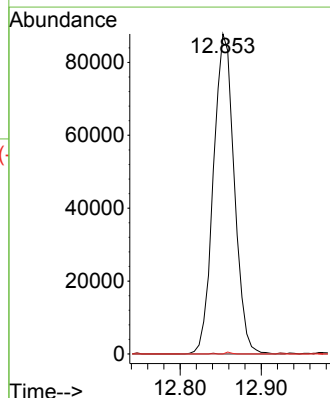
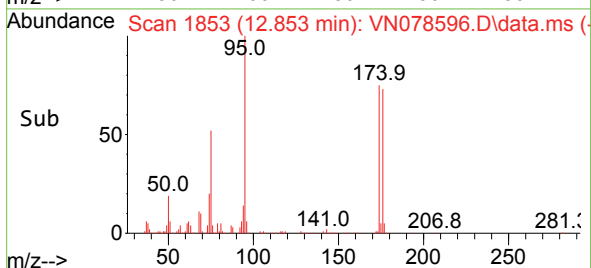
Tgt Ion:156 Resp: 1283
Ion Ratio Lower Upper
156 100
77 205.0 107.7 323.3
158 62.4 48.4 145.3

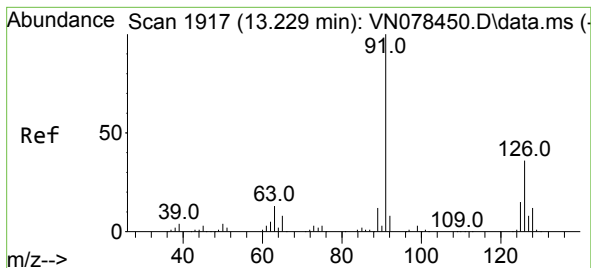


#81
trans-1,4-Dichloro-2-butene
Concen: 73.420 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21



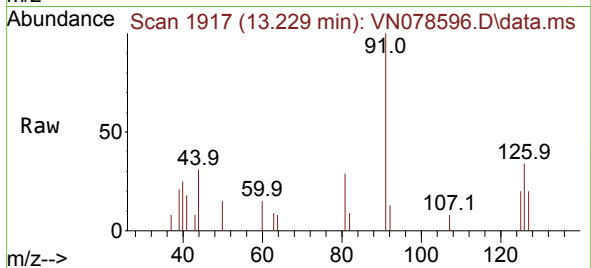
Tgt Ion: 75 Resp: 156723
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.2 38.8 58.2#



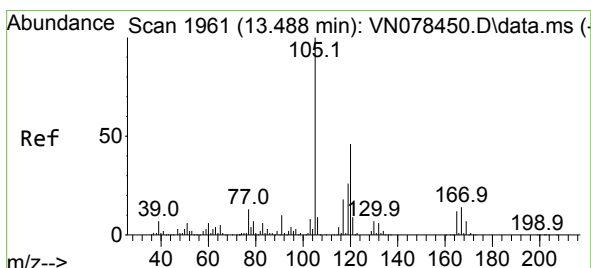
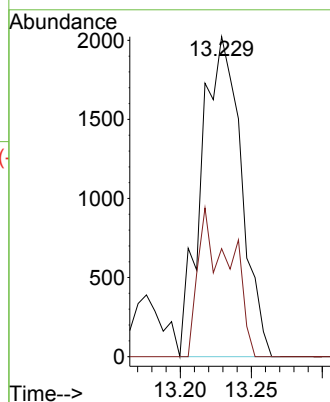
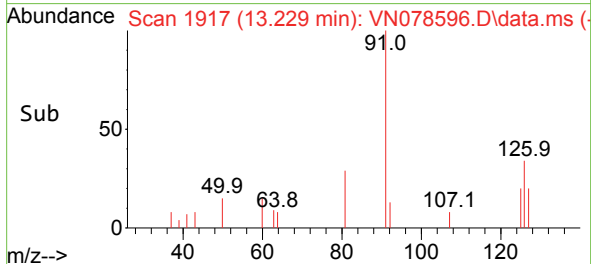


#82
4-Chlorotoluene
Concen: 0.276 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

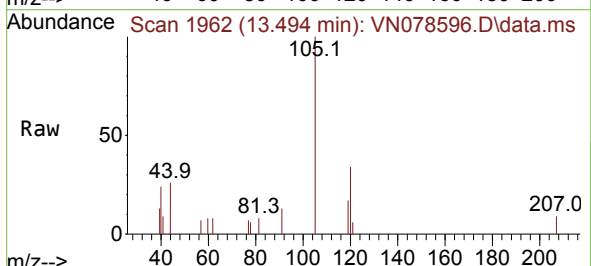
Instrument :
MSVOA_N
ClientSampleId :



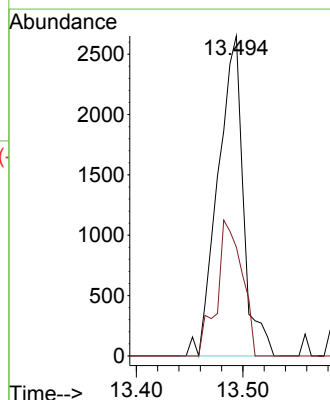
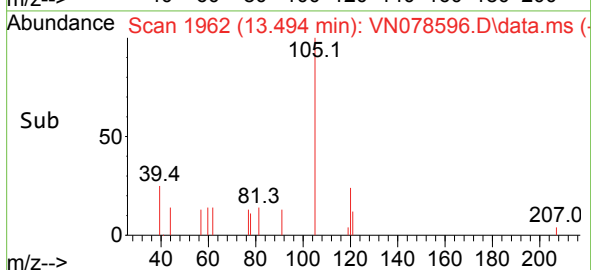
Tgt Ion: 91 Resp: 3939
Ion Ratio Lower Upper
91 100
126 37.3 16.7 50.0

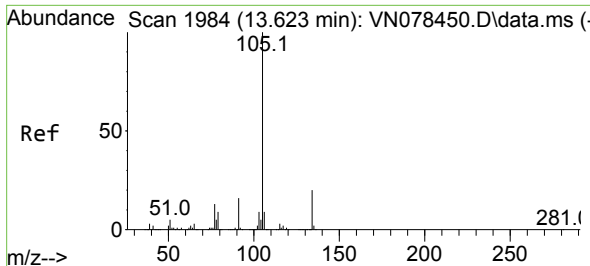


#84
1,2,4-Trimethylbenzene
Concen: 0.262 ug/l
RT: 13.494 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21



Tgt Ion: 105 Resp: 4393
Ion Ratio Lower Upper
105 100
120 41.7 22.0 66.0

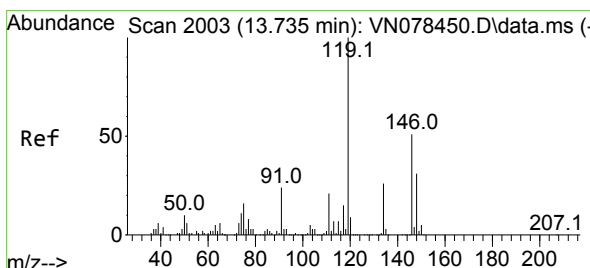
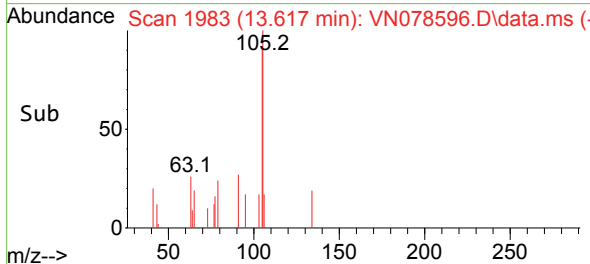
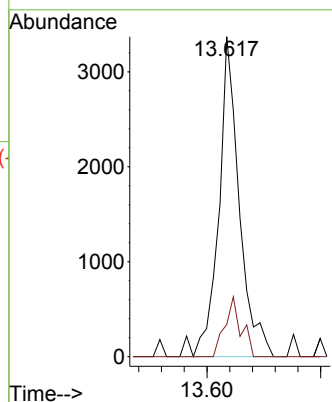
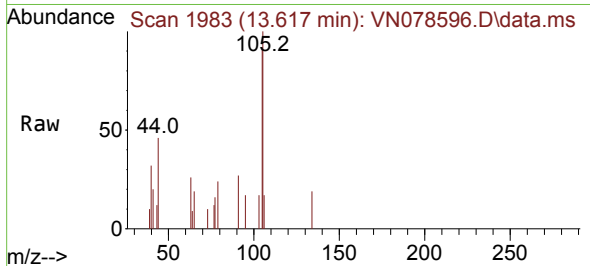




#85
 sec-Butylbenzene
 Concen: 0.231 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078596.D
 Acq: 20 Jul 2023 16:21

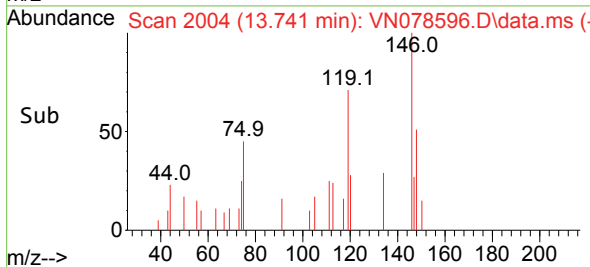
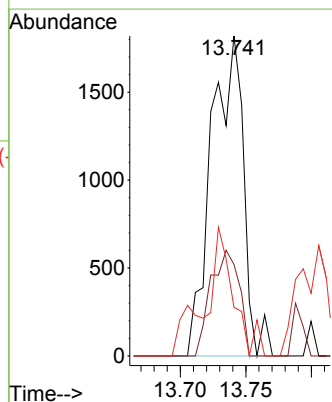
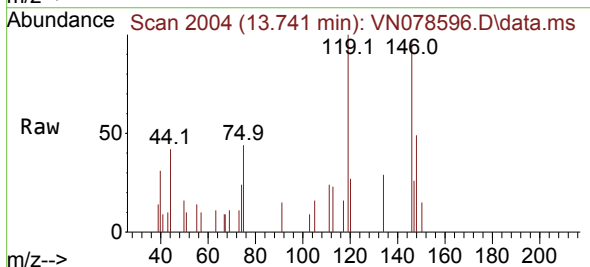
Instrument :
 MSVOA_N
 ClientSampleId :

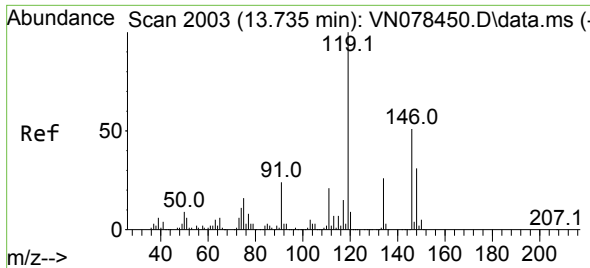
Tgt Ion:105 Resp: 4266
 Ion Ratio Lower Upper
 105 100
 134 14.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.209 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.006 min
 Lab File: VN078596.D
 Acq: 20 Jul 2023 16:21

Tgt Ion:119 Resp: 3105
 Ion Ratio Lower Upper
 119 100
 134 29.2 12.6 37.8
 91 25.7 12.4 37.2

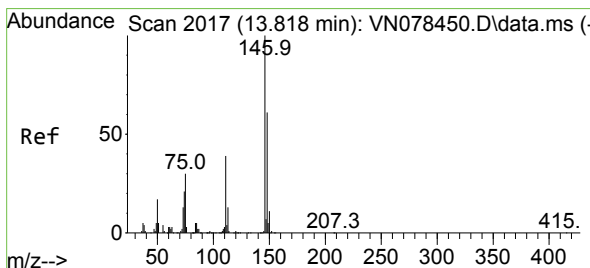
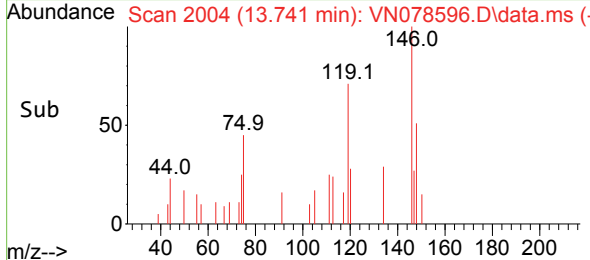
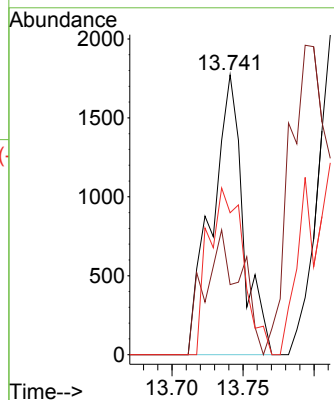
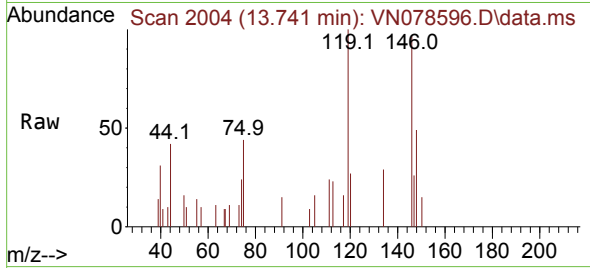




#87
1,3-Dichlorobenzene
Concen: 0.325 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

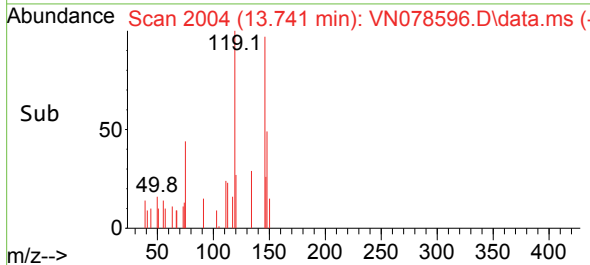
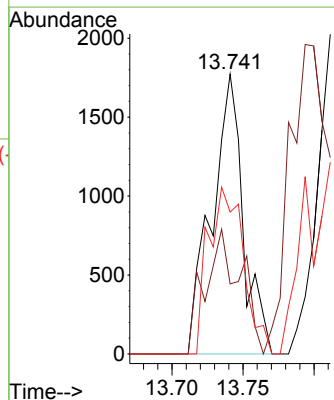
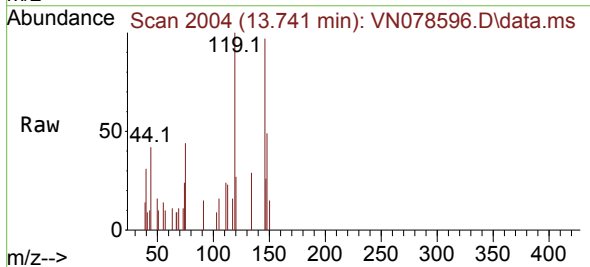
Instrument :
MSVOA_N
ClientSampleId :

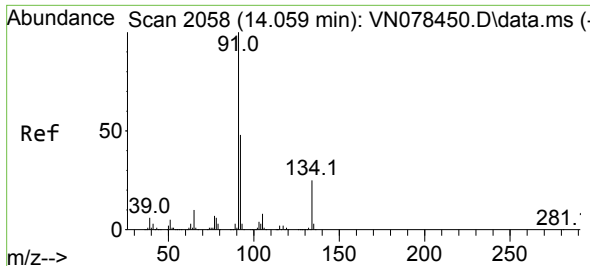
Tgt Ion:146 Resp: 2721
Ion Ratio Lower Upper
146 100
111 50.5 22.1 66.3
148 66.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.323 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.077 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

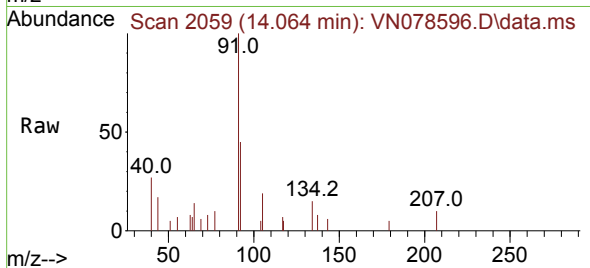
Tgt Ion:146 Resp: 2721
Ion Ratio Lower Upper
146 100
111 50.5 20.6 61.8
148 66.7 31.6 94.8



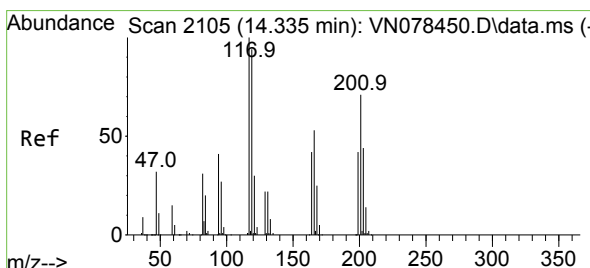
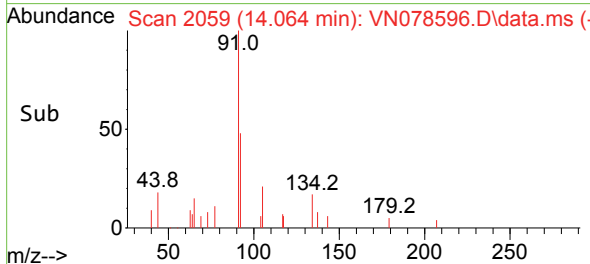
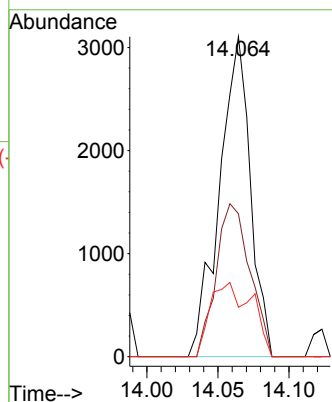


#89
n-Butylbenzene
Concen: 0.442 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :

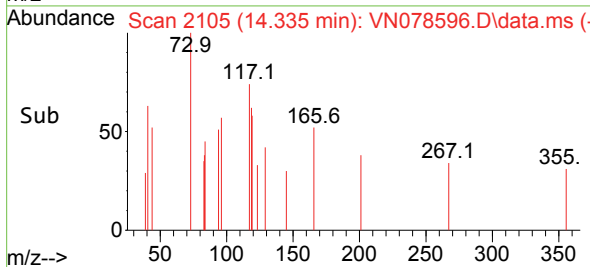
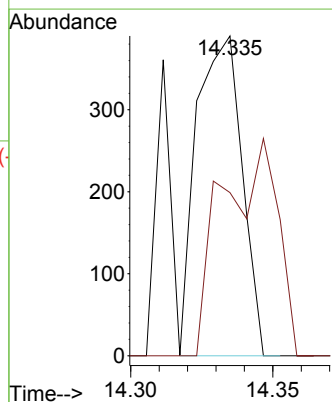
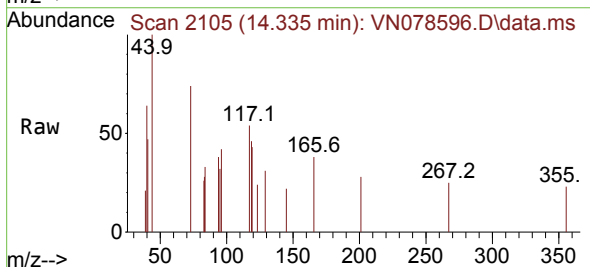


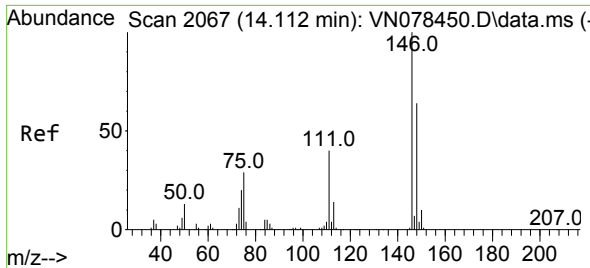
Tgt Ion: 91 Resp: 4700
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 31.0 12.6 37.6



#90
Hexachloroethane
Concen: Below Cal
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

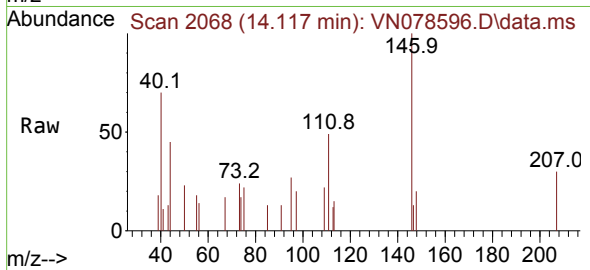
Tgt Ion: 117 Resp: 434
Ion Ratio Lower Upper
117 100
201 82.0 29.3 88.0



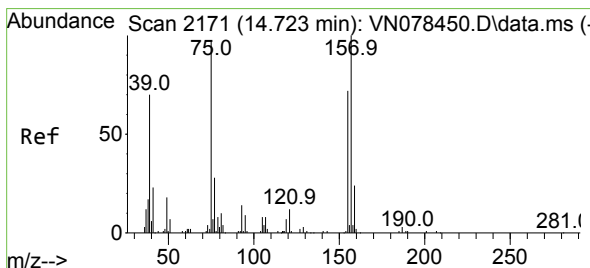
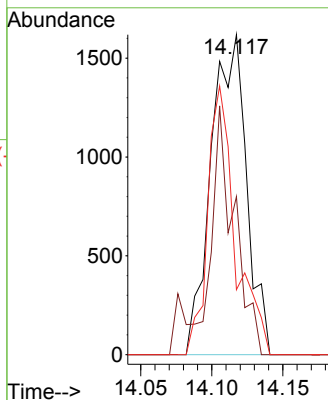
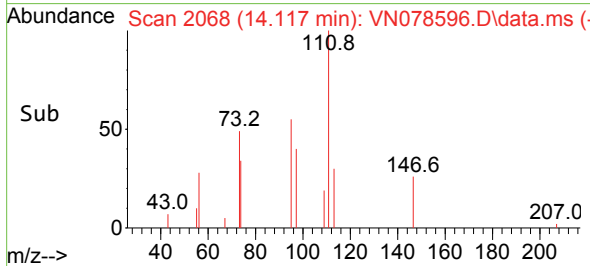


#91
1,2-Dichlorobenzene
Concen: 0.337 ug/l
RT: 14.117 min Scan# 2068
Delta R.T. 0.005 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21

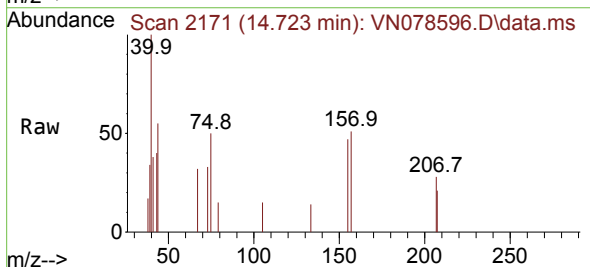
Instrument :
MSVOA_N
ClientSampleId :



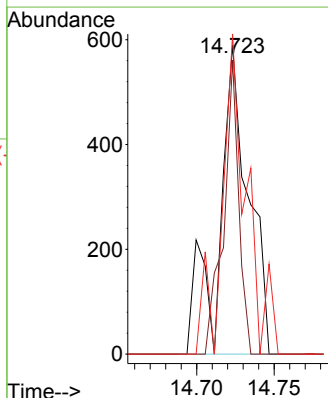
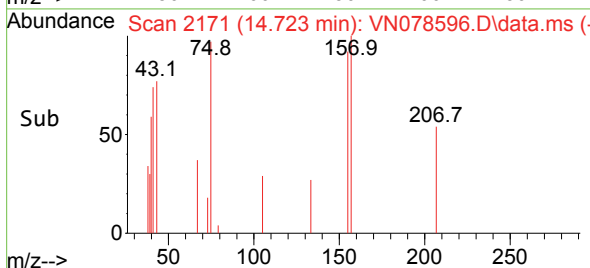
Tgt Ion:146 Resp: 2804
Ion Ratio Lower Upper
146 100
111 50.5 22.0 66.0
148 65.3 31.8 95.3

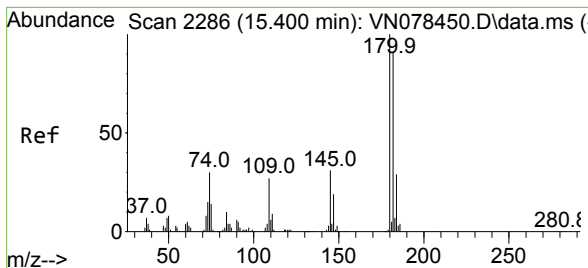


#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078596.D
Acq: 20 Jul 2023 16:21



Tgt Ion: 75 Resp: 780
Ion Ratio Lower Upper
75 100
155 49.2 39.1 117.2
157 86.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 0.836 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

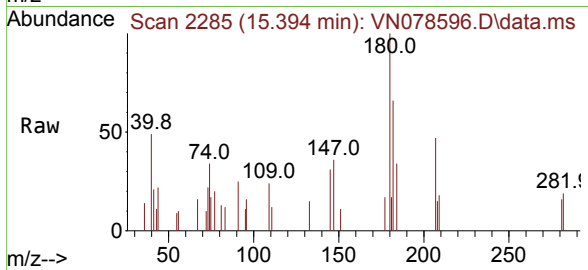
Lab File: VN078596.D

Acq: 20 Jul 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :



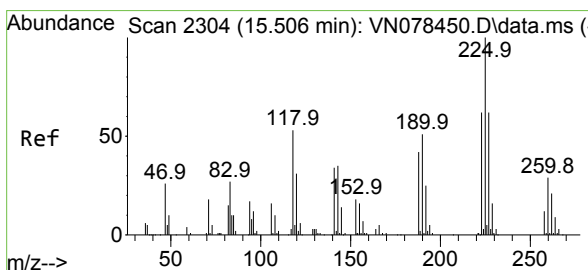
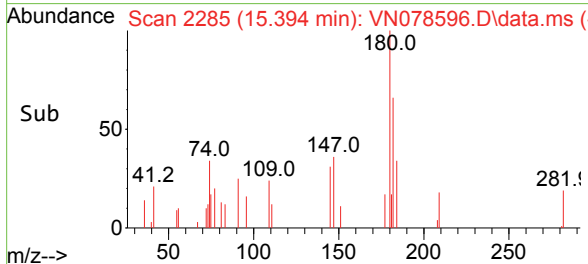
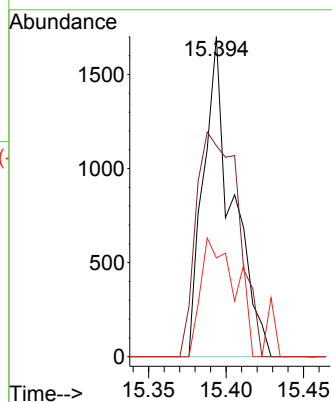
Tgt Ion:180 Resp: 2224

Ion Ratio Lower Upper

180 100

182 102.6 46.1 138.2

145 43.9 16.6 49.8



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN078596.D

Acq: 20 Jul 2023 16:21

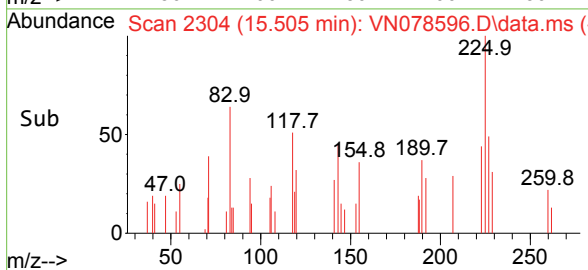
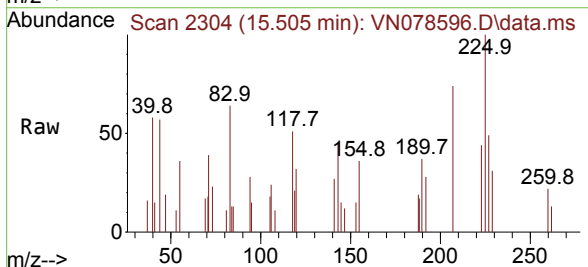
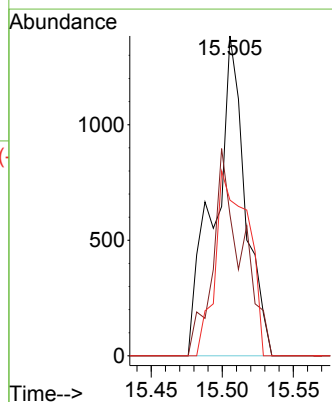
Tgt Ion:225 Resp: 2089

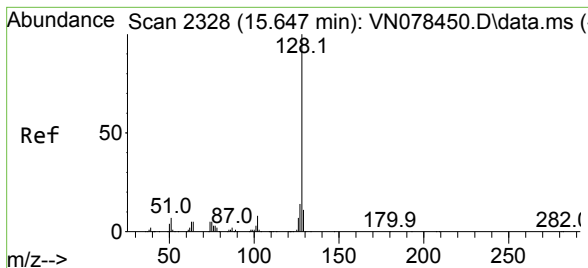
Ion Ratio Lower Upper

225 100

223 60.7 31.3 93.8

227 61.2 31.9 95.9





#95

Naphthalene

Concen: 1.142 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

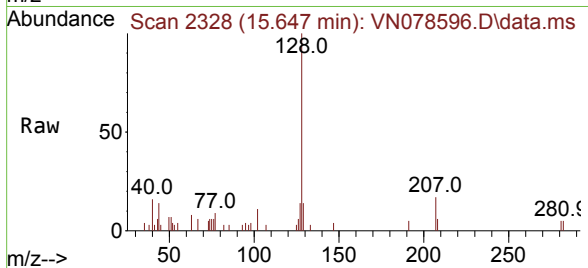
Lab File: VN078596.D

Acq: 20 Jul 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :



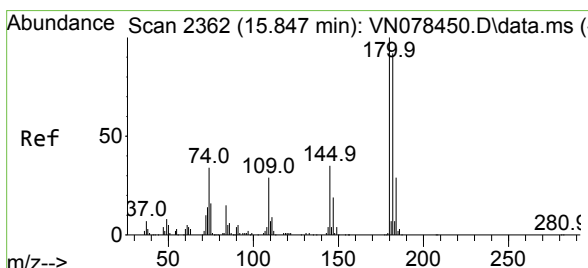
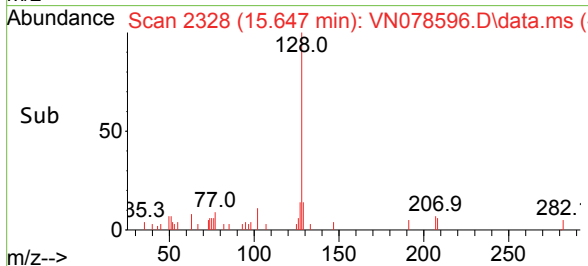
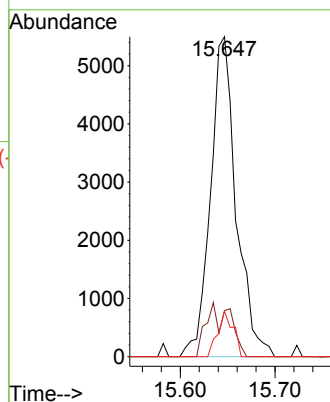
Tgt Ion:128 Resp: 10376

Ion Ratio Lower Upper

128 100

127 8.3 10.0 15.0#

129 8.5 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 1.303 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078596.D

Acq: 20 Jul 2023 16:21

Tgt Ion:180 Resp: 3983

Ion Ratio Lower Upper

180 100

182 68.6 46.2 138.6

145 34.6 17.5 52.6

