

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076908.D
 Acq On : 09 Mar 2023 17:39
 Operator : JC\MD
 Sample : PB151321ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151321ZHE#01

Quant Time: Mar 10 03:48:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	427482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	734586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	644510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	267647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	290806	48.521	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.040%
35) Dibromofluoromethane	8.172	113	222659	48.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.900%
50) Toluene-d8	10.572	98	875336	49.441	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.854	95	311426	50.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.520%
Target Compounds						
					Qvalue	
5) Bromomethane	2.984	94	996	0.253	ug/l #	41
6) Chloroethane	3.113	64	1157	Below Cal	#	42
10) Methyl Iodide	4.625	142	1443	0.270	ug/l #	23
11) Tert butyl alcohol	5.537	59	2416	2.715	ug/l #	79
13) Acrolein	4.207	56	529	0.459	ug/l #	34
15) Acrylonitrile	5.742	53	1180	0.412	ug/l #	49
16) Acetone	4.448	43	46423	17.745	ug/l	91
17) Carbon Disulfide	4.731	76	3116	0.241	ug/l #	73
18) Methyl Acetate	5.048	43	4171	0.465	ug/l #	71
20) Methylene Chloride	5.295	84	18954	3.105	ug/l #	85
25) 2-Butanone	7.495	43	8583	2.246	ug/l #	72
29) Tetrahydrofuran	7.854	42	1411	0.572	ug/l #	35
31) Cyclohexane	8.231	56	9271	0.916	ug/l #	1
36) 1,1-Dichloropropene	8.231	75	37318	5.053	ug/l #	48
37) Ethyl Acetate	7.572	43	84206	11.107	ug/l	99
38) Carbon Tetrachloride	8.231	117	47675	6.354	ug/l #	15
42) 1,2-Dichloroethane	8.678	62	2738	0.349	ug/l #	71
43) Isopropyl Acetate	8.695	43	371431	32.003	ug/l #	84
45) 1,2-Dichloropropane	9.754	63	4609	0.793	ug/l #	43
48) Methyl methacrylate	9.666	41	10610	1.881	ug/l #	26
49) 1,4-Dioxane	9.707	88	79	0.764	ug/l #	30
51) 4-Methyl-2-Pentanone	10.454	43	14697	2.008	ug/l	99
52) Toluene	10.630	92	3052	0.228	ug/l	95
54) cis-1,3-Dichloropropene	10.360	75	146504	17.332	ug/l #	66
57) 1,3-Dichloropropane	11.201	76	20880	2.257	ug/l #	42
59) 2-Hexanone	11.172	43	323239	60.934	ug/l #	17
68) m/p-Xylenes	12.083	106	2327	0.245	ug/l	98
74) N-amyl acetate	12.495	43	4942	0.542	ug/l #	56
76) 1,2,3-Trichloropropane	12.854	75	165565	24.528	ug/l #	1
77) Bromobenzene	12.989	156	1998	0.387	ug/l	57
81) trans-1,4-Dichloro-2-b...	12.854	75	165565	80.894	ug/l #	15
82) 4-Chlorotoluene	13.230	91	4063	0.251	ug/l	94
87) 1,3-Dichlorobenzene	13.736	146	3359	0.356	ug/l	96
88) 1,4-Dichlorobenzene	13.736	146	3359	0.351	ug/l	96
89) n-Butylbenzene	14.060	91	3659	0.227	ug/l	86
91) 1,2-Dichlorobenzene	14.118	146	3255	0.341	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
Data File : VN076908.D
Acq On : 09 Mar 2023 17:39
Operator : JC\MD
Sample : PB151321ZHE#01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#01

Quant Time: Mar 10 03:48:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 07 08:45:33 2023
Response via : Initial Calibration

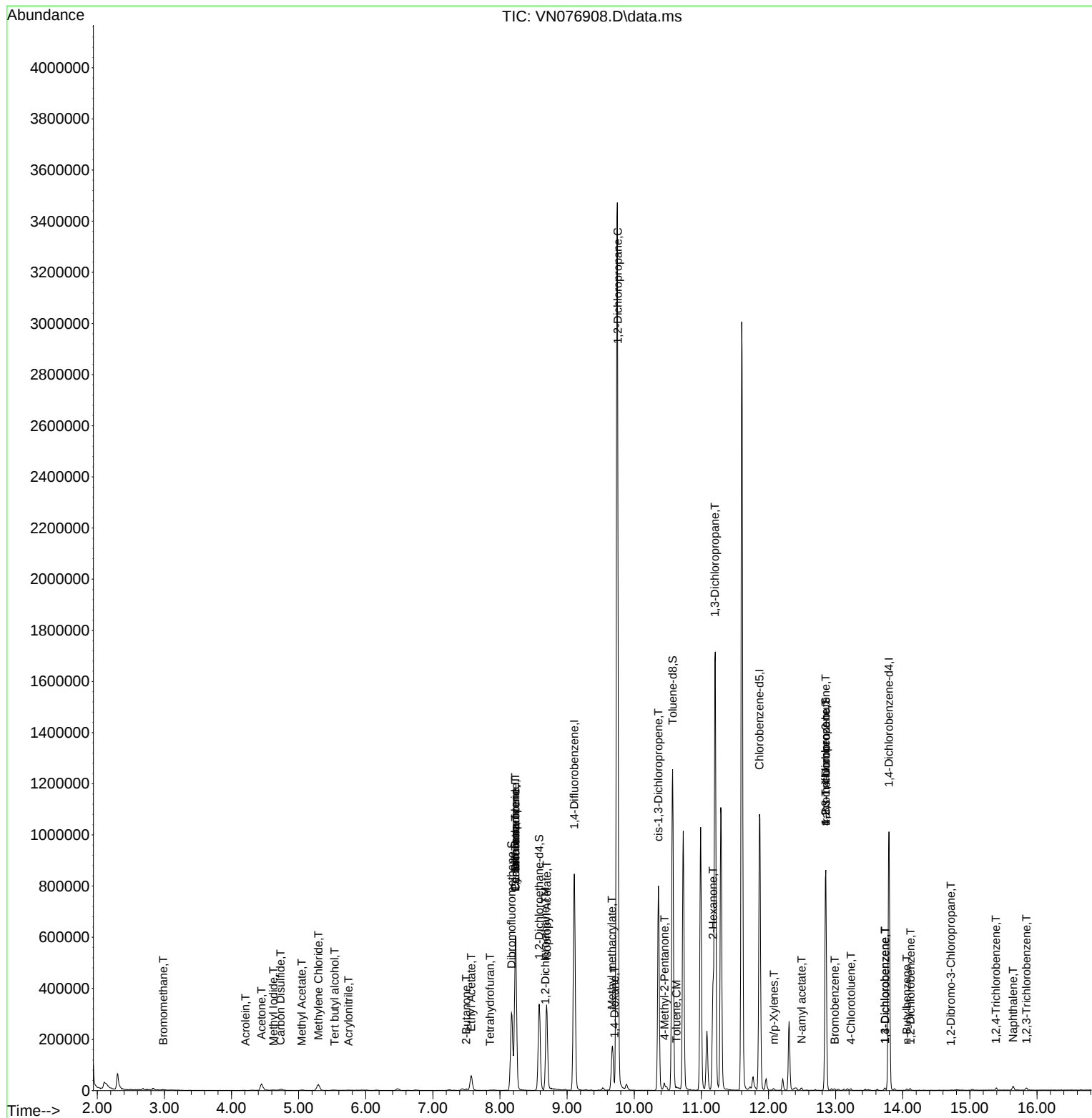
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.718	75	535	0.378	ug/l	60
93) 1,2,4-Trichlorobenzene	15.389	180	3963	0.830	ug/l	88
95) Naphthalene	15.642	128	13690	0.895	ug/l	96
96) 1,2,3-Trichlorobenzene	15.842	180	3473	0.740	ug/l	93

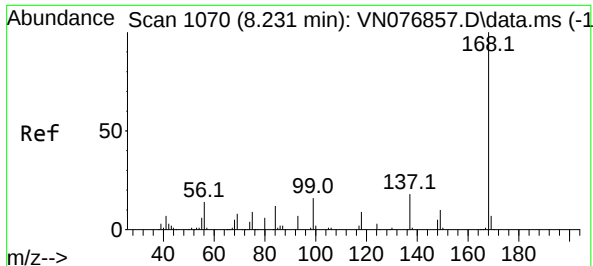
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
Data File : VN076908.D
Acq On : 09 Mar 2023 17:39
Operator : JC\MD
Sample : PB151321ZHE#01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#01

Quant Time: Mar 10 03:48:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 07 08:45:33 2023
Response via : Initial Calibration

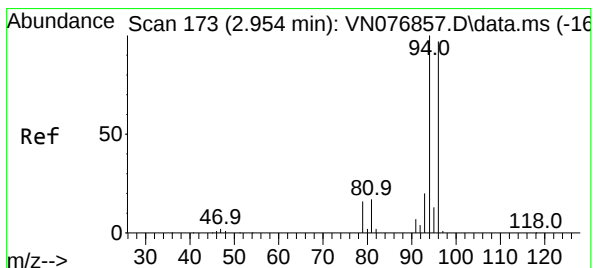
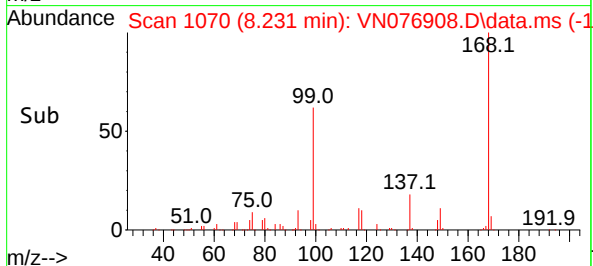
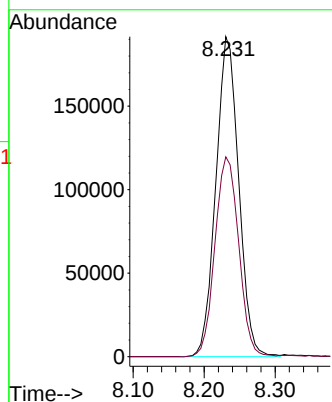
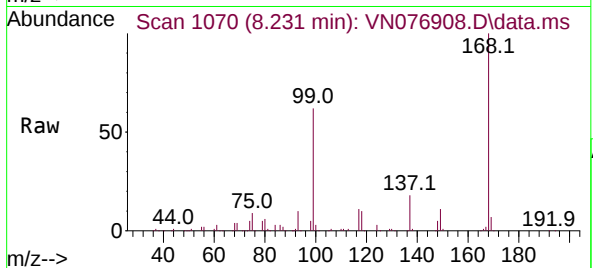




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

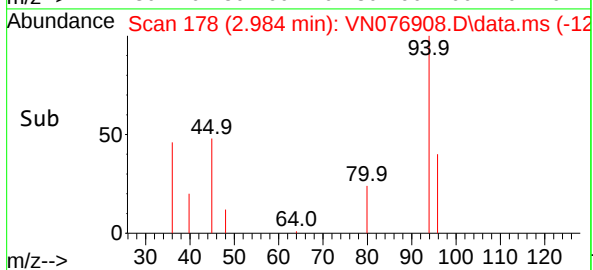
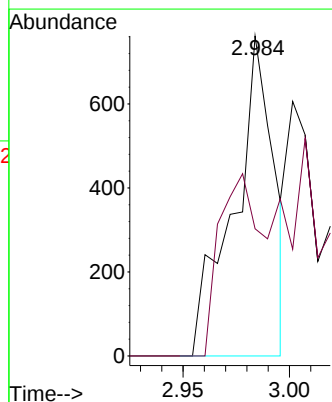
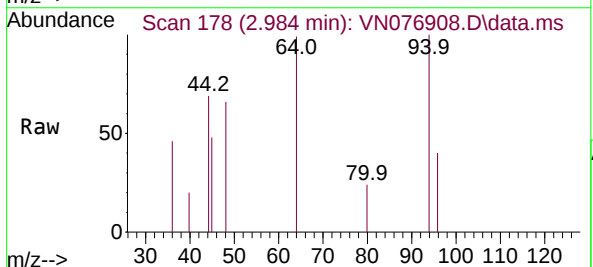
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#01

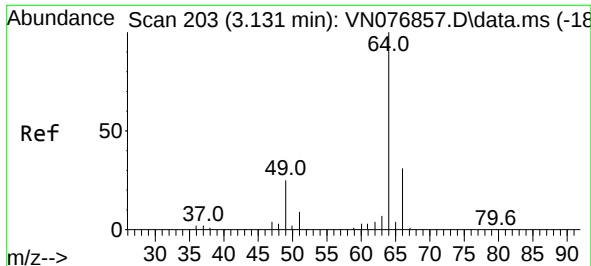
Tgt Ion:168 Resp: 427482
Ion Ratio Lower Upper
168 100
99 62.4 48.6 73.0



#5
Bromomethane
Concen: 0.253 ug/l
RT: 2.984 min Scan# 178
Delta R.T. 0.030 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

Tgt Ion: 94 Resp: 996
Ion Ratio Lower Upper
94 100
96 39.8 79.0 118.6#

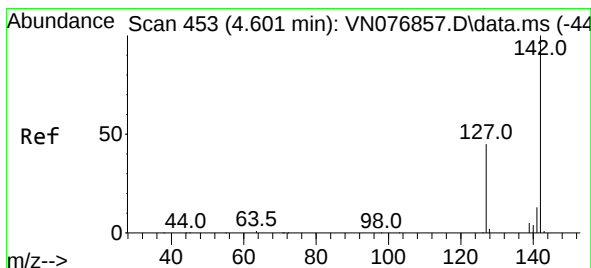
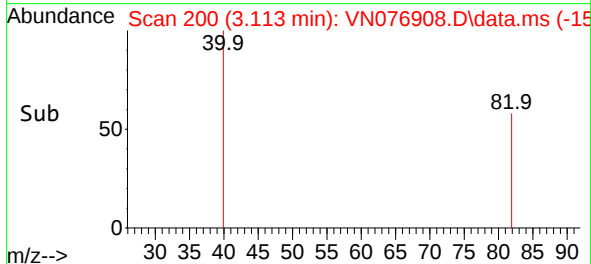
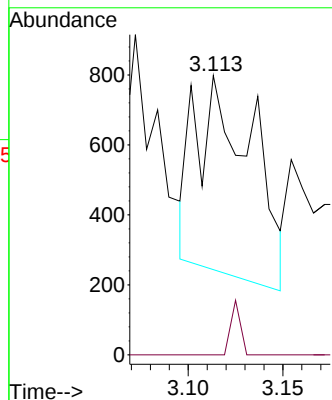
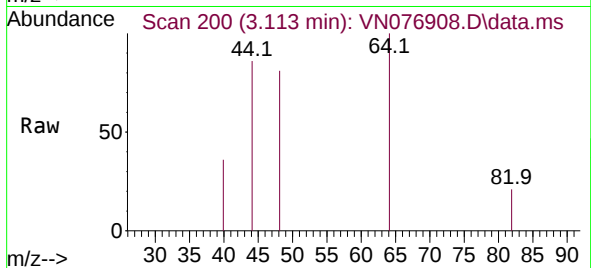




#6
Chloroethane
Concen: Below Cal
RT: 3.113 min Scan# 203
Delta R.T. -0.018 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

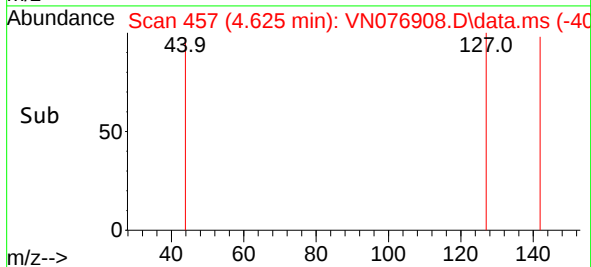
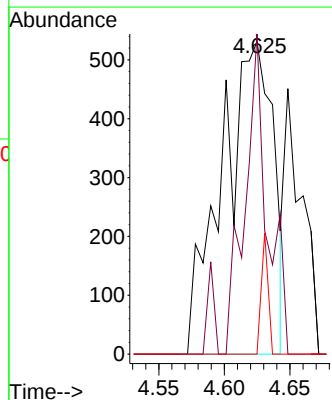
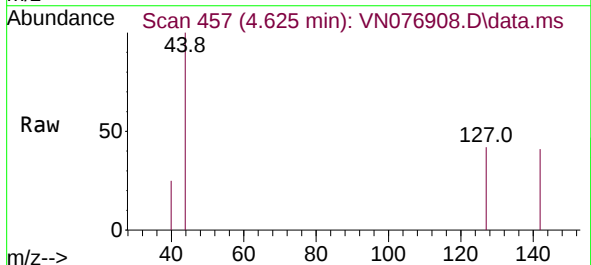
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#01

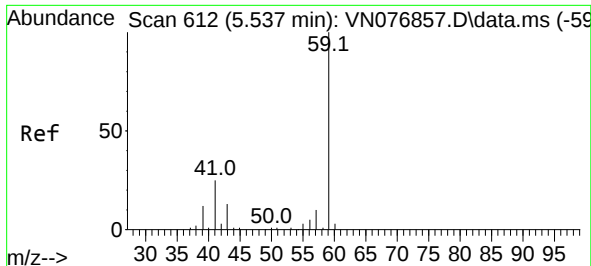
Tgt Ion: 64 Resp: 1157
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#10
Methyl Iodide
Concen: 0.270 ug/l
RT: 4.625 min Scan# 457
Delta R.T. 0.024 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

Tgt Ion: 142 Resp: 1443
Ion Ratio Lower Upper
142 100
127 102.4 35.2 52.8#
141 0.0 10.2 15.2#

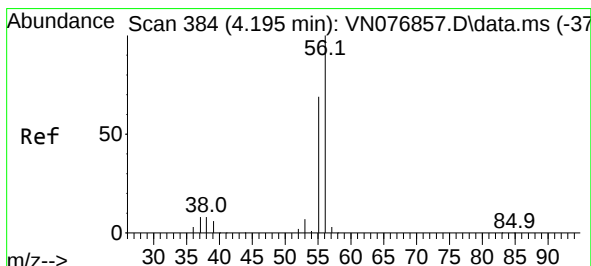
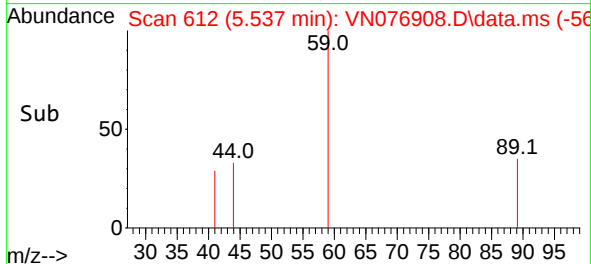
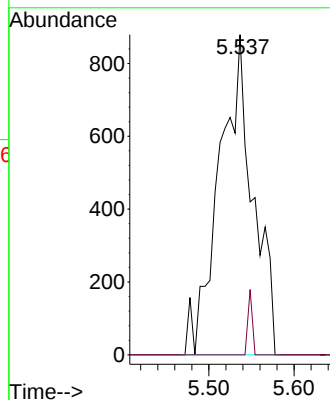
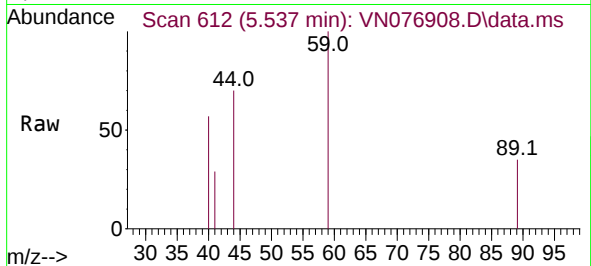




#11
Tert butyl alcohol
Concen: 2.715 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

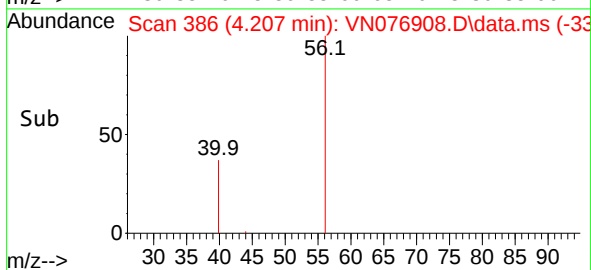
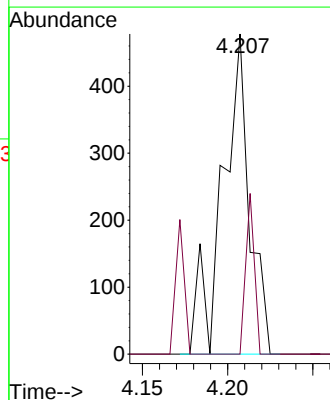
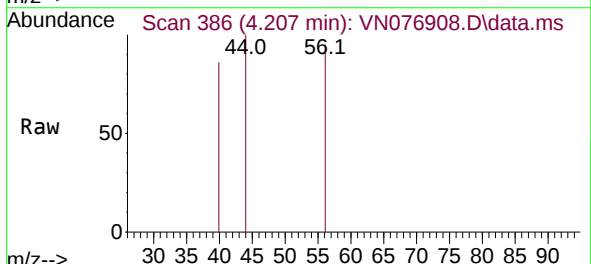
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#01

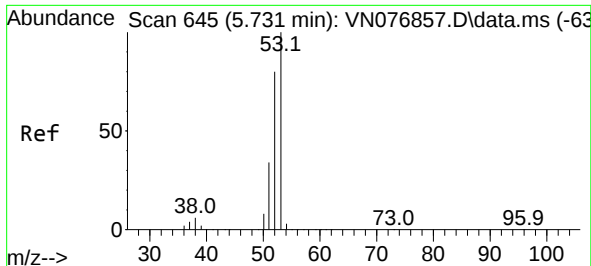
Tgt Ion: 59 Resp: 2416
Ion Ratio Lower Upper
59 100
57 2.6 8.6 12.8#



#13
Acrolein
Concen: 0.459 ug/l
RT: 4.207 min Scan# 386
Delta R.T. 0.012 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

Tgt Ion: 56 Resp: 529
Ion Ratio Lower Upper
56 100
55 16.1 56.7 85.1#

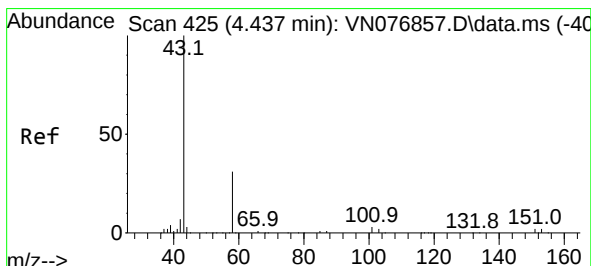
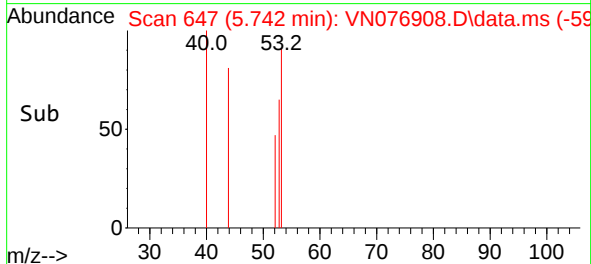
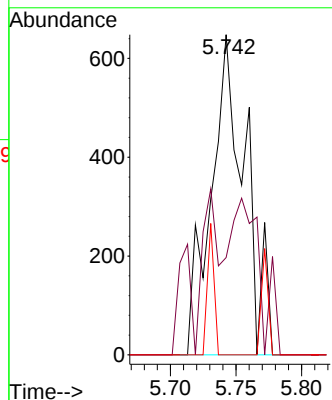
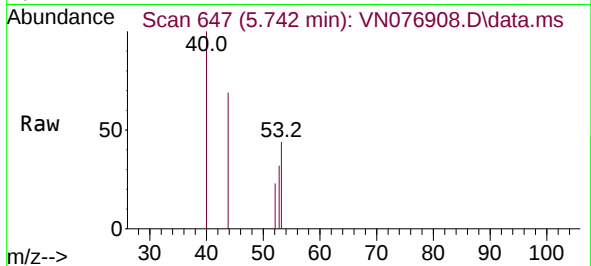




#15
Acrylonitrile
Concen: 0.412 ug/l
RT: 5.742 min Scan# 645
Delta R.T. 0.011 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

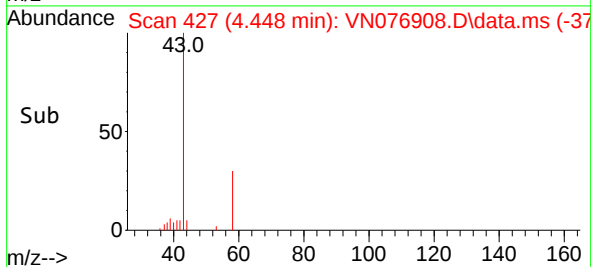
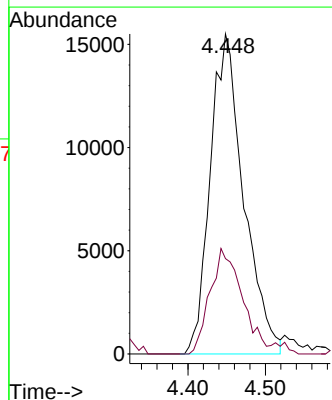
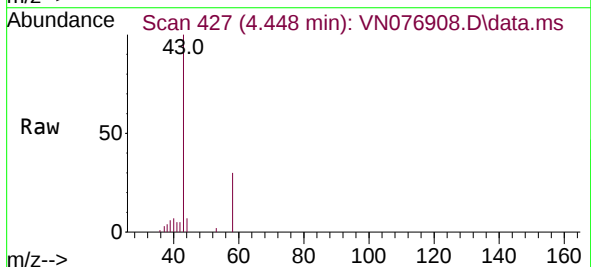
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#01

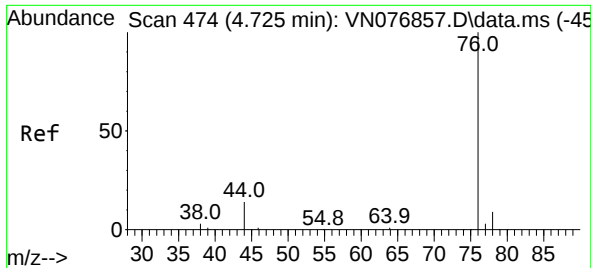
Tgt Ion: 53 Resp: 1180
Ion Ratio Lower Upper
53 100
52 39.8 65.3 97.9#
51 0.0 28.8 43.2#



#16
Acetone
Concen: 17.745 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

Tgt Ion: 43 Resp: 46423
Ion Ratio Lower Upper
43 100
58 29.8 28.2 42.2





#17

Carbon Disulfide

Concen: 0.241 ug/l

RT: 4.731 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

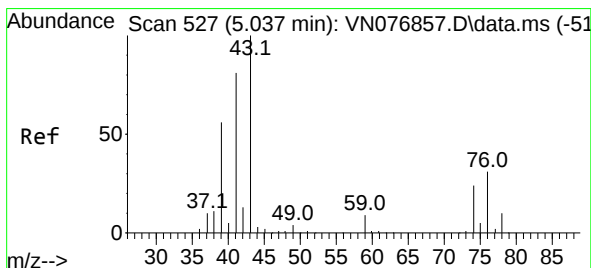
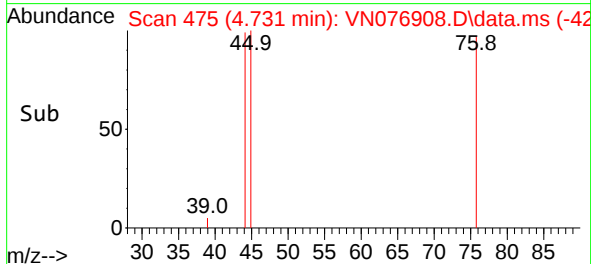
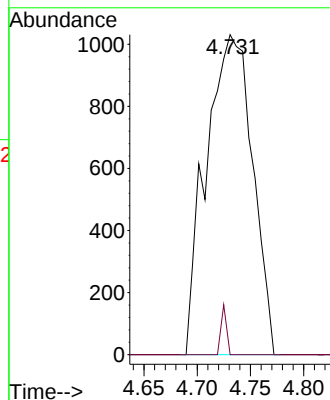
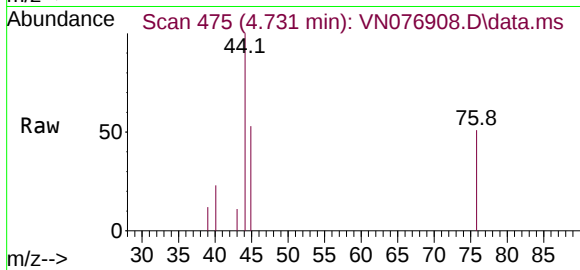
PB151321ZHE#01

Tgt Ion: 76 Resp: 3116

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.8#



#18

Methyl Acetate

Concen: 0.465 ug/l

RT: 5.048 min Scan# 529

Delta R.T. 0.011 min

Lab File: VN076908.D

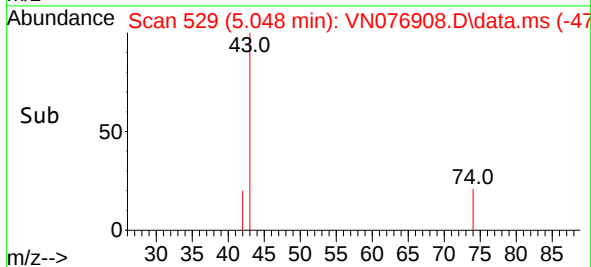
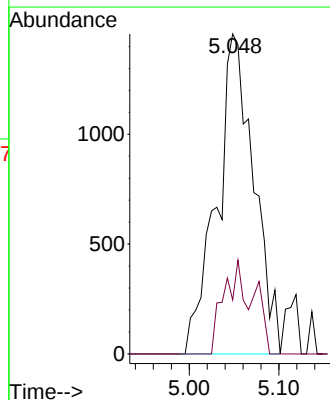
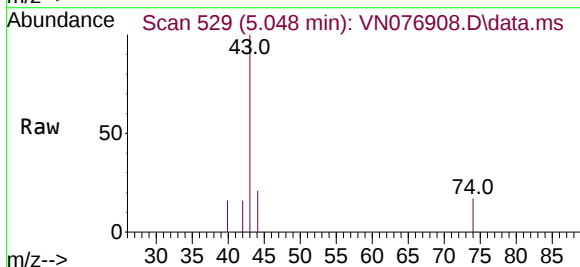
Acq: 09 Mar 2023 17:39

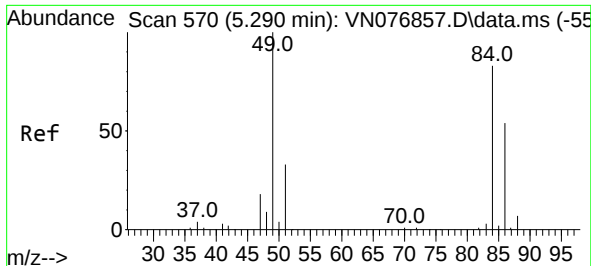
Tgt Ion: 43 Resp: 4171

Ion Ratio Lower Upper

43 100

74 16.3 25.9 38.9#

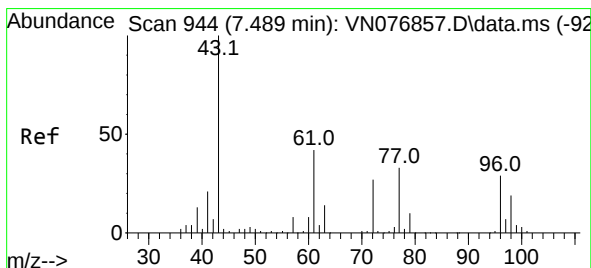
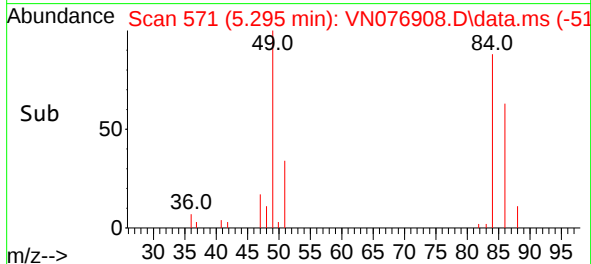
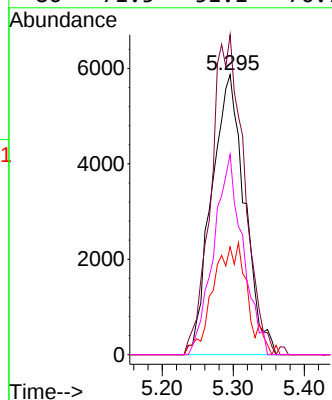
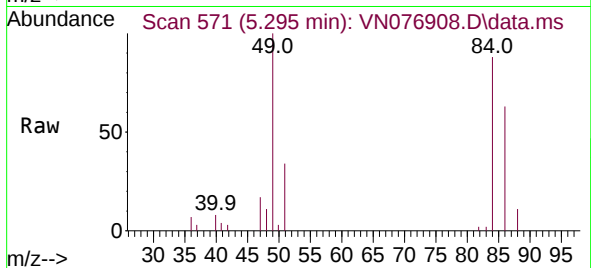




#20
Methylene Chloride
Concen: 3.105 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

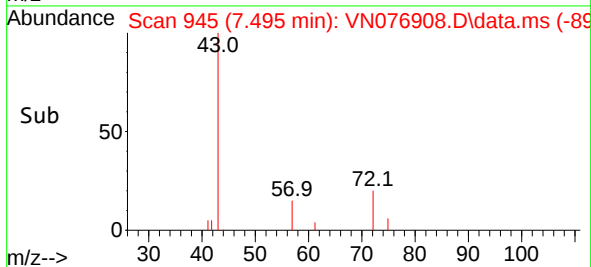
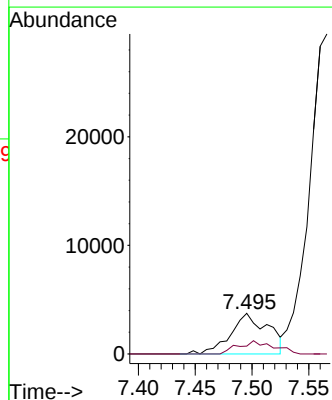
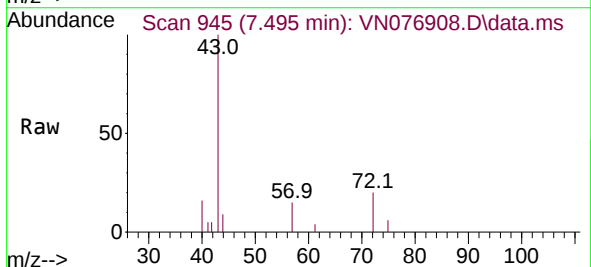
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#01

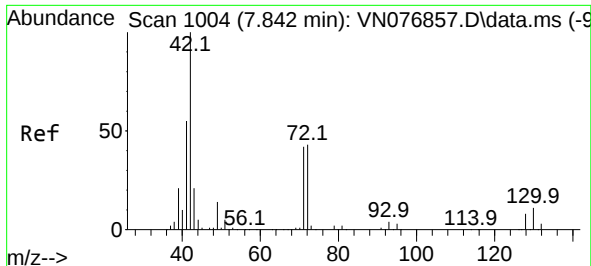
Tgt Ion:	84	Resp:	18954
Ion	Ratio	Lower	Upper
84	100		
49	114.3	76.6	114.8
51	38.5	25.4	38.2#
86	71.5	51.1	76.7



#25
2-Butanone
Concen: 2.246 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

Tgt Ion:	43	Resp:	8583
Ion	Ratio	Lower	Upper
43	100		
72	19.5	28.8	43.2#





#29

Tetrahydrofuran

Concen: 0.572 ug/l

RT: 7.854 min Scan# 1006

Delta R.T. 0.012 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

PB151321ZHE#01

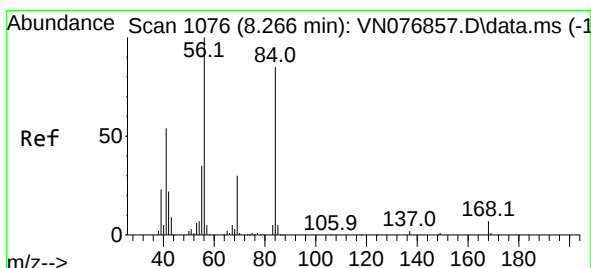
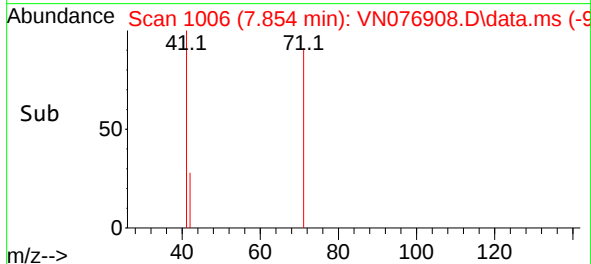
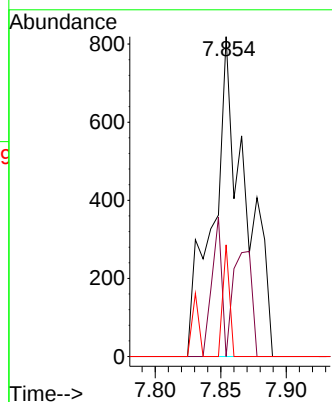
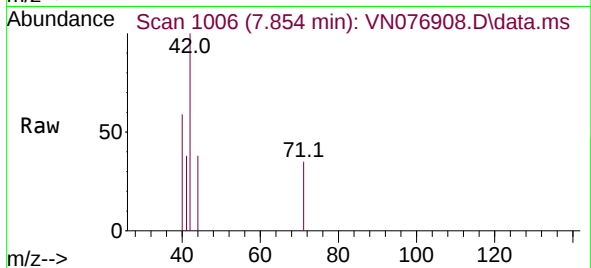
Tgt Ion: 42 Resp: 1411

Ion Ratio Lower Upper

42 100

72 13.2 48.6 73.0#

71 7.2 45.1 67.7#



#31

Cyclohexane

Concen: 0.916 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.035 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

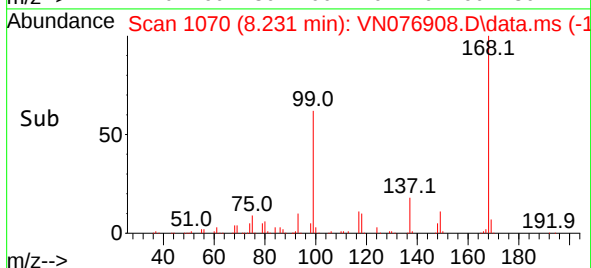
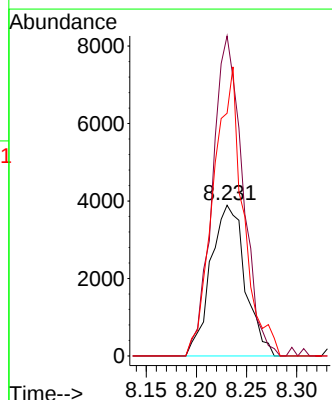
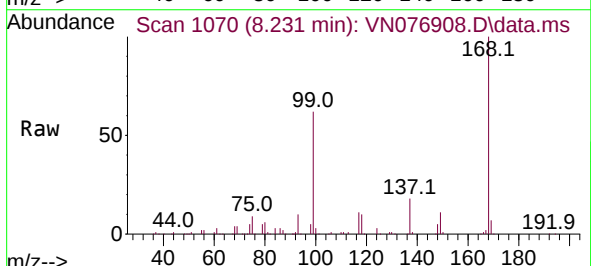
Tgt Ion: 56 Resp: 9271

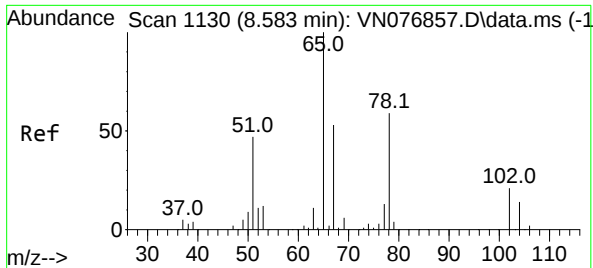
Ion Ratio Lower Upper

56 100

69 212.3 27.0 40.6#

84 161.1 82.9 124.3#

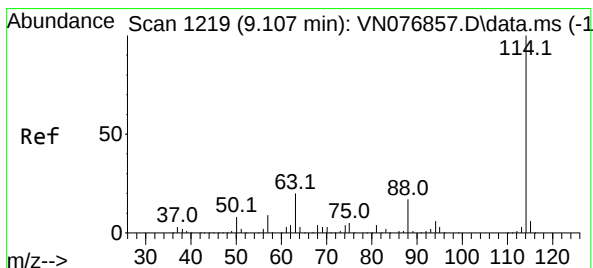
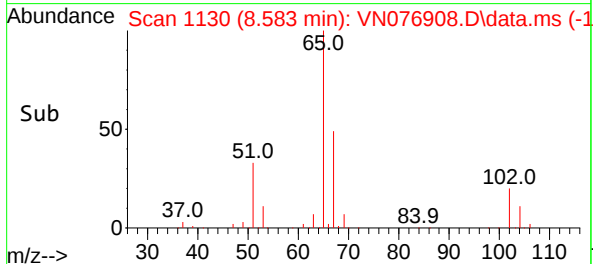
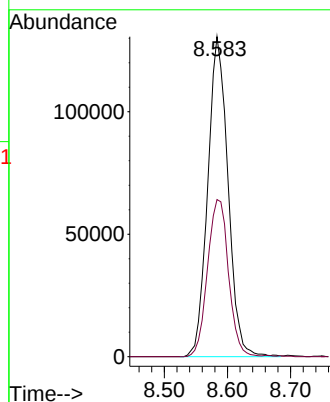
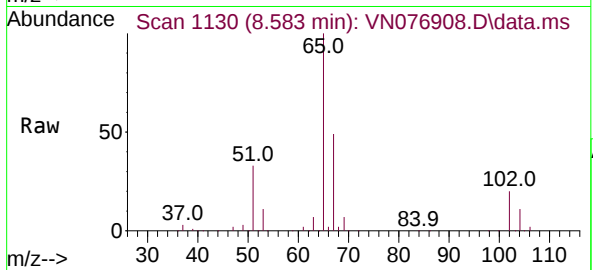




#33
 1,2-Dichloroethane-d4
 Concen: 48.521 ug/l
 RT: 8.583 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VN076908.D
 Acq: 09 Mar 2023 17:39

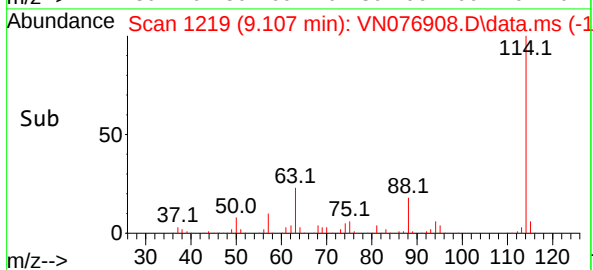
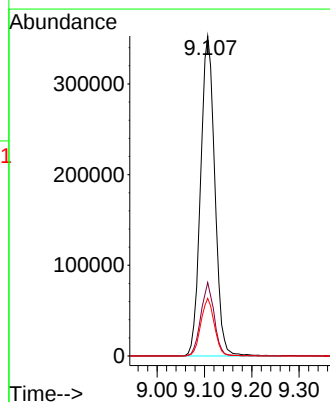
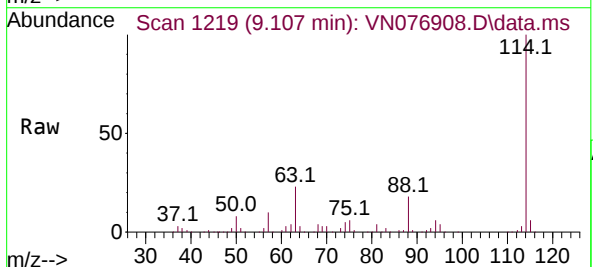
Instrument :
 MSVOA_N
 ClientSampleId :
 PB151321ZHE#01

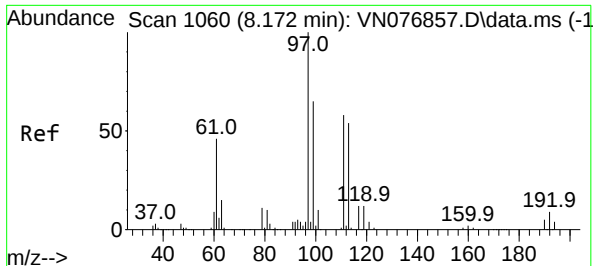
Tgt Ion: 65 Resp: 290806
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VN076908.D
 Acq: 09 Mar 2023 17:39

Tgt Ion: 114 Resp: 734586
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 36.6
 88 18.0 0.0 28.6





#35

Dibromofluoromethane

Concen: 48.452 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

PB151321ZHE#01

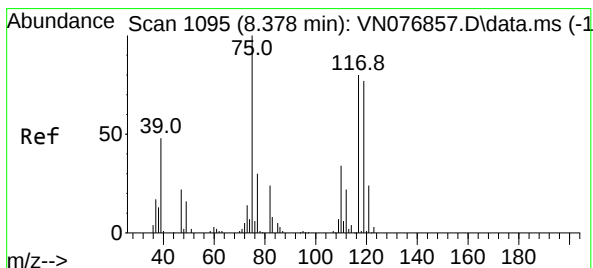
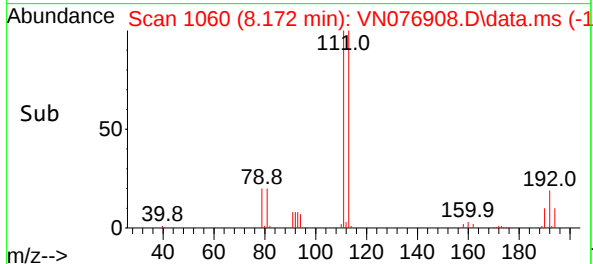
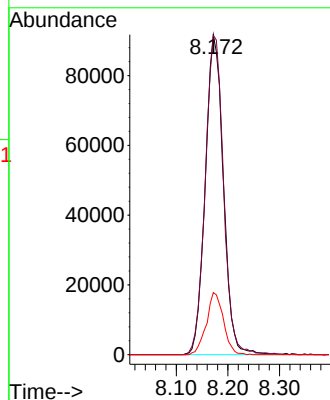
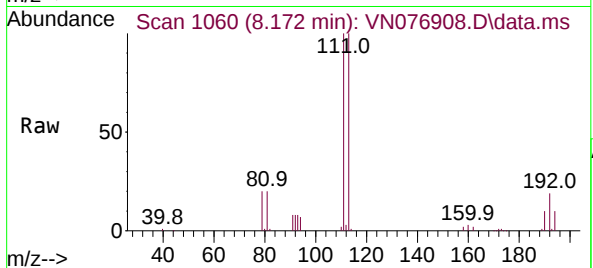
Tgt Ion:113 Resp: 222659

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.8

192 18.4 13.9 20.9



#36

1,1-Dichloropropene

Concen: 5.053 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.147 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

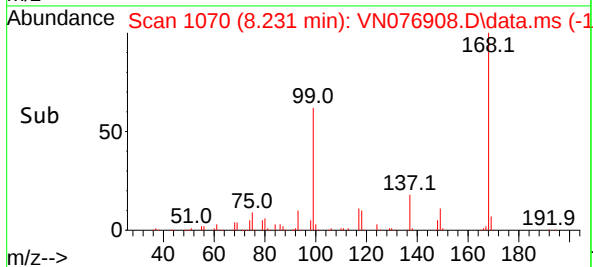
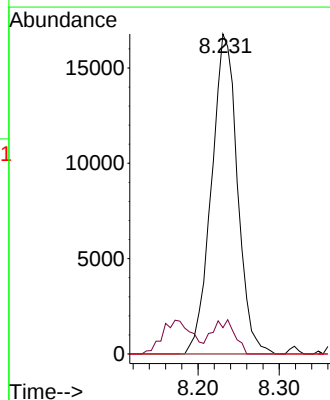
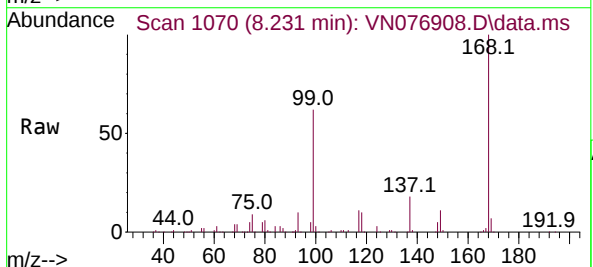
Tgt Ion: 75 Resp: 37318

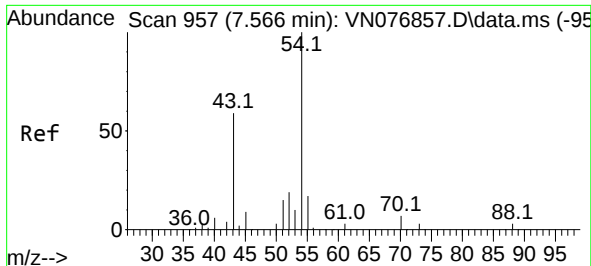
Ion Ratio Lower Upper

75 100

110 9.2 18.9 56.9#

77 0.0 24.9 37.3#

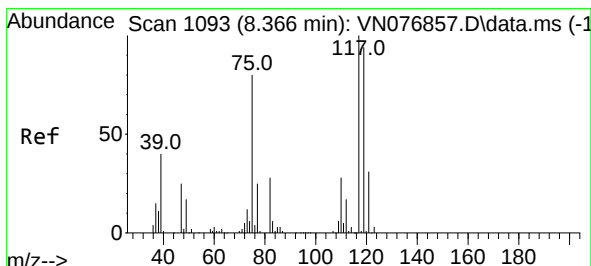
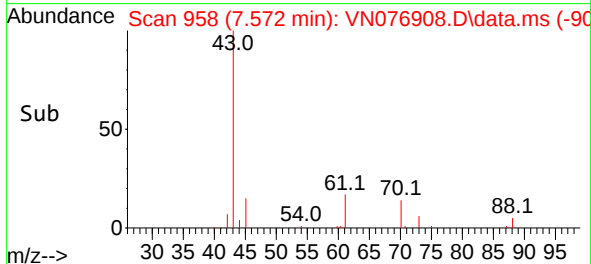
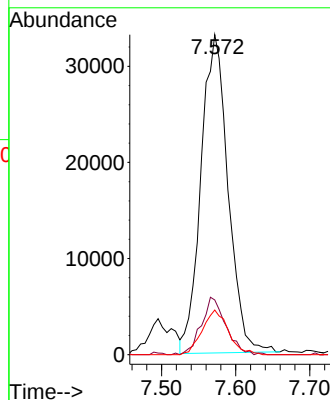
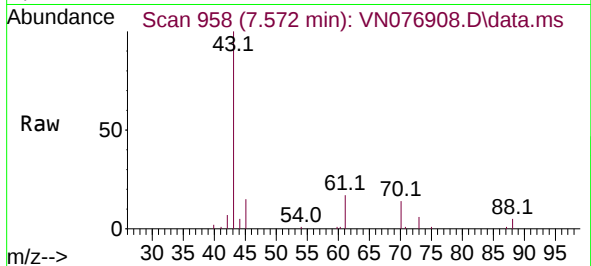




#37
Ethyl Acetate
Concen: 11.107 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

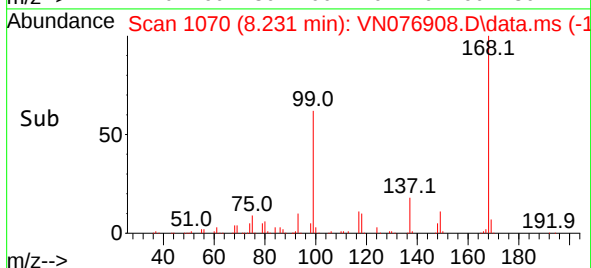
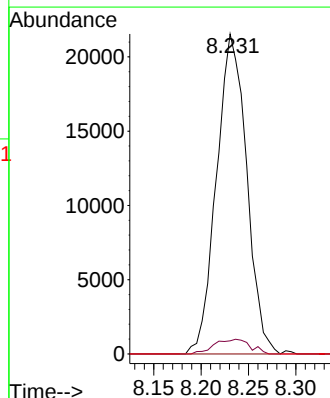
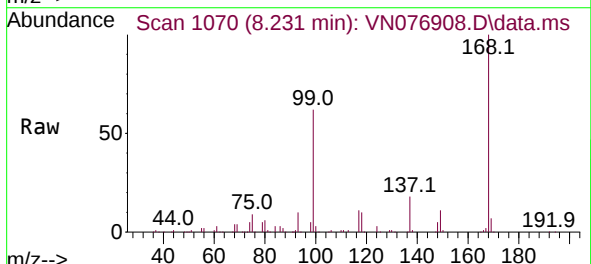
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#01

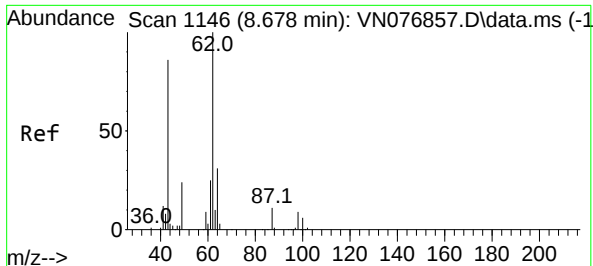
Tgt Ion: 43 Resp: 84206
Ion Ratio Lower Upper
43 100
61 16.3 13.5 20.3
70 13.5 11.0 16.6



#38
Carbon Tetrachloride
Concen: 6.354 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

Tgt Ion: 117 Resp: 47675
Ion Ratio Lower Upper
117 100
119 4.1 76.9 115.3#
121 0.0 23.2 34.8#





#42

1,2-Dichloroethane

Concen: 0.349 ug/l

RT: 8.678 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

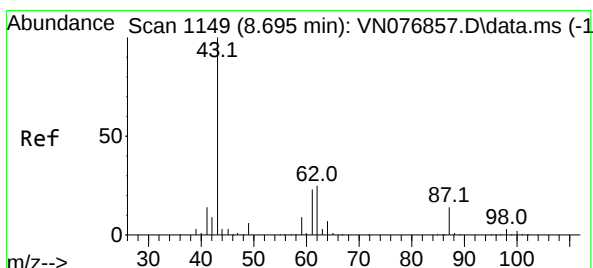
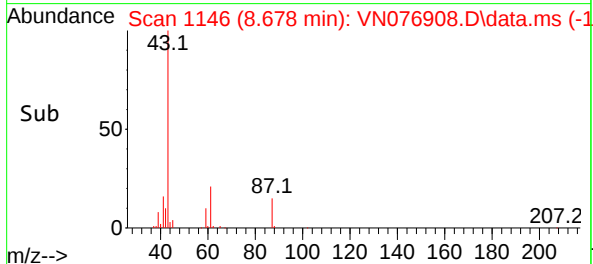
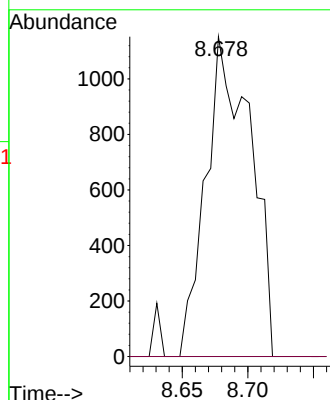
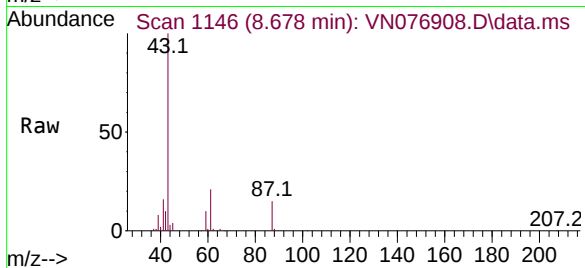
PB151321ZHE#01

Tgt Ion: 62 Resp: 2738

Ion Ratio Lower Upper

62 100

98 0.0 0.0 21.8



#43

Isopropyl Acetate

Concen: 32.003 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

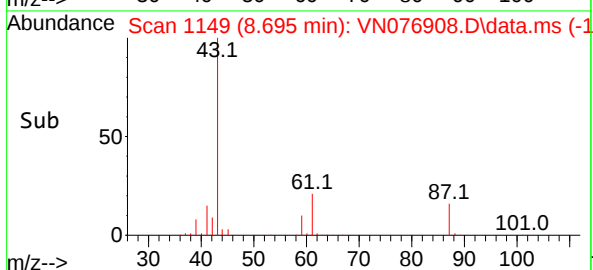
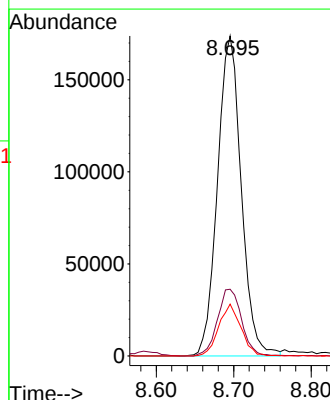
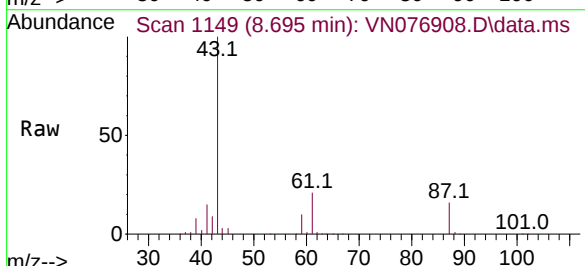
Tgt Ion: 43 Resp: 371431

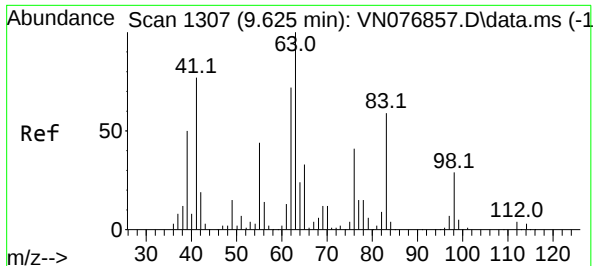
Ion Ratio Lower Upper

43 100

61 21.2 26.2 39.2#

87 15.2 14.8 22.2





#45

1,2-Dichloropropane

Concen: 0.793 ug/l

RT: 9.754 min Scan# 11

Delta R.T. 0.129 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

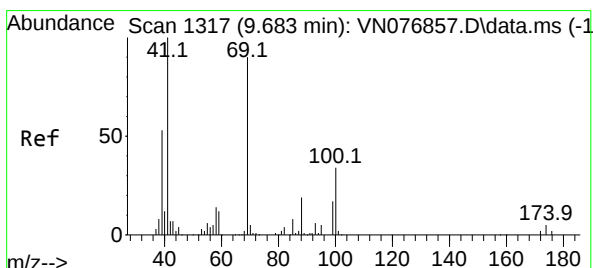
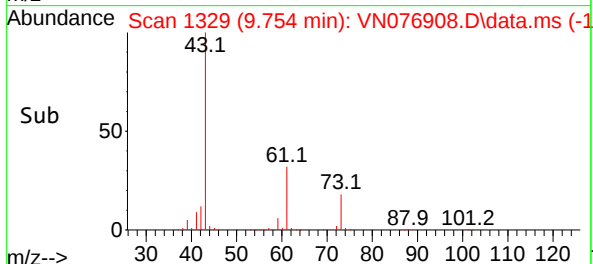
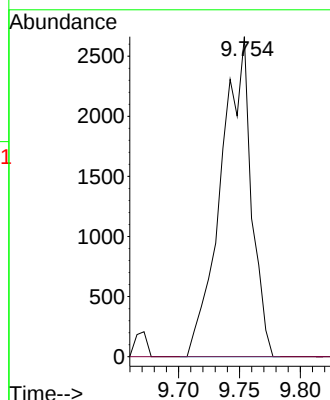
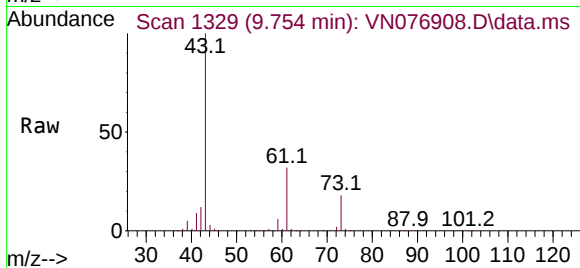
PB151321ZHE#01

Tgt Ion: 63 Resp: 4609

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.6#



#48

Methyl methacrylate

Concen: 1.881 ug/l

RT: 9.666 min Scan# 1314

Delta R.T. -0.017 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

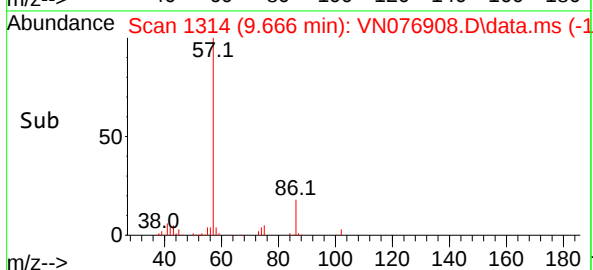
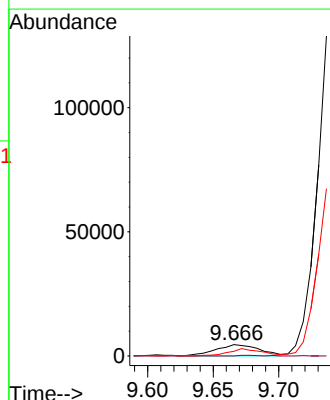
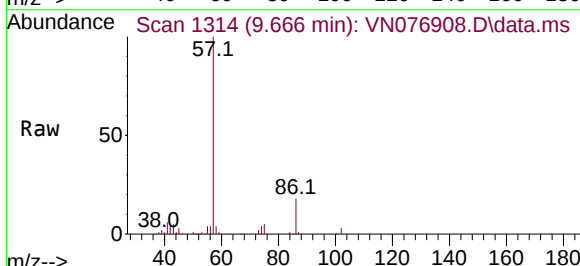
Tgt Ion: 41 Resp: 10610

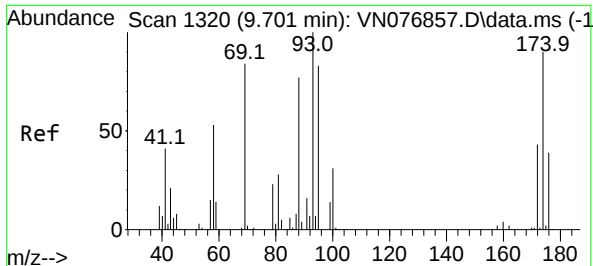
Ion Ratio Lower Upper

41 100

69 2.2 92.6 139.0#

39 48.4 51.4 77.0#





#49

1,4-Dioxane

Concen: 0.764 ug/l

RT: 9.707 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

PB151321ZHE#01

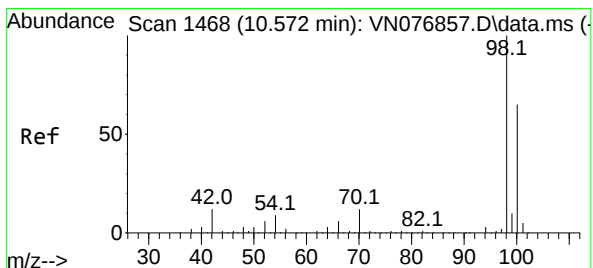
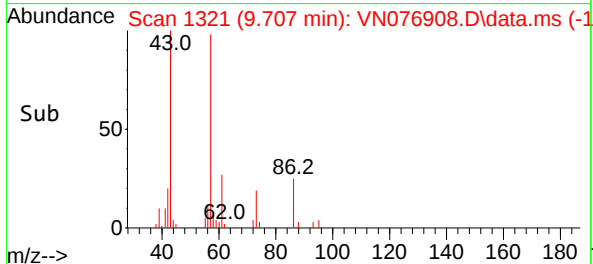
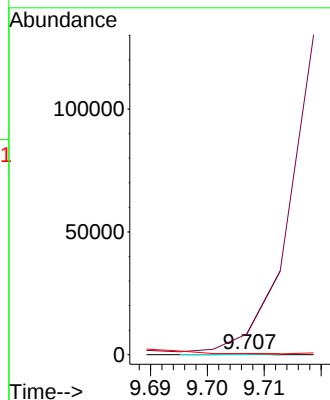
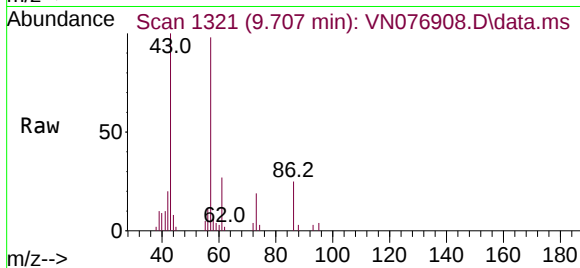
Tgt Ion: 88 Resp: 79

Ion Ratio Lower Upper

88 100

43 0.0 15.3 22.9#

58 0.0 47.6 71.4#



#50

Toluene-d8

Concen: 49.441 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076908.D

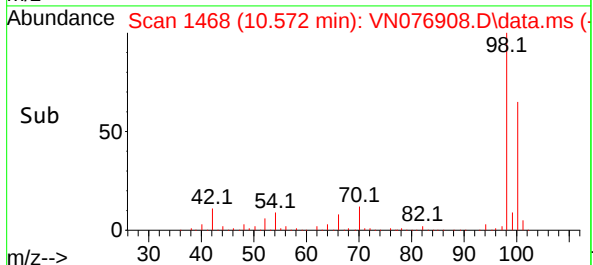
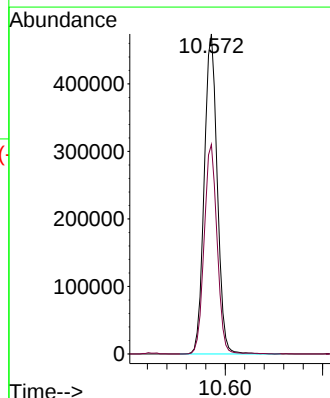
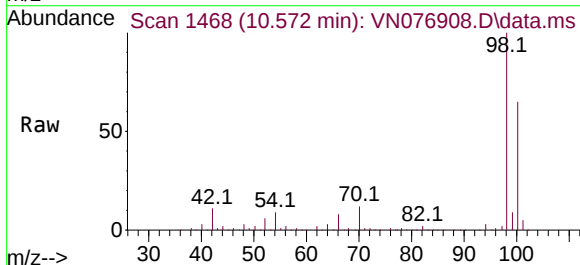
Acq: 09 Mar 2023 17:39

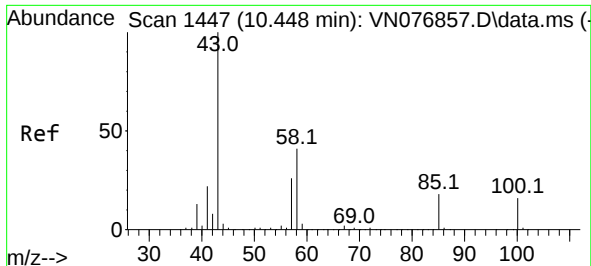
Tgt Ion: 98 Resp: 875336

Ion Ratio Lower Upper

98 100

100 65.1 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 2.008 ug/l

RT: 10.454 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

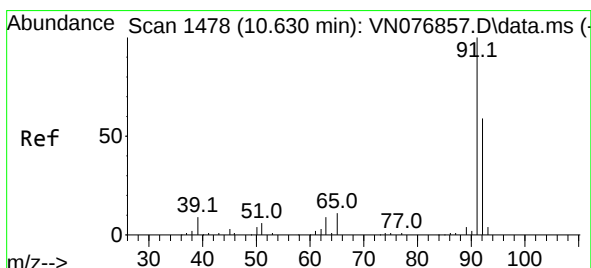
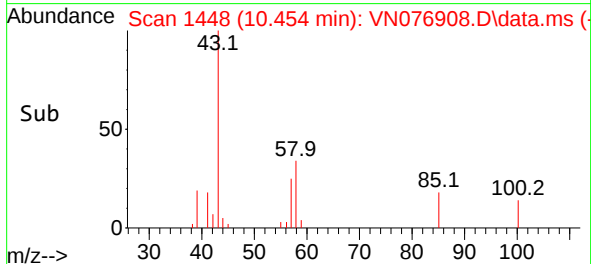
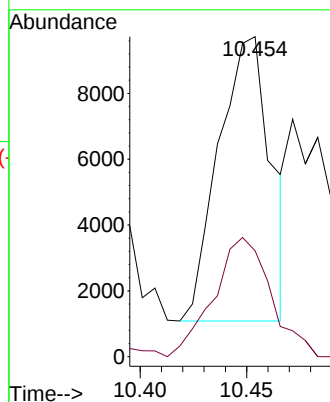
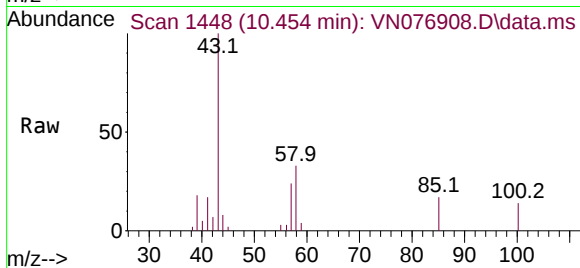
PB151321ZHE#01

Tgt Ion: 43 Resp: 14697

Ion Ratio Lower Upper

43 100

58 45.8 37.4 56.0



#52

Toluene

Concen: 0.228 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VN076908.D

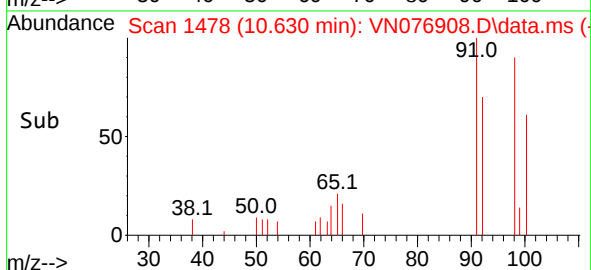
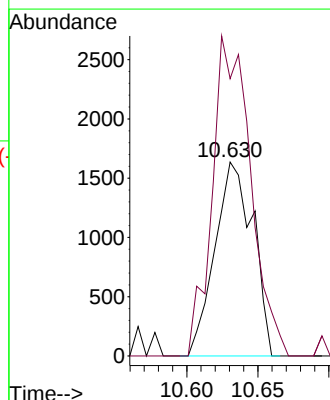
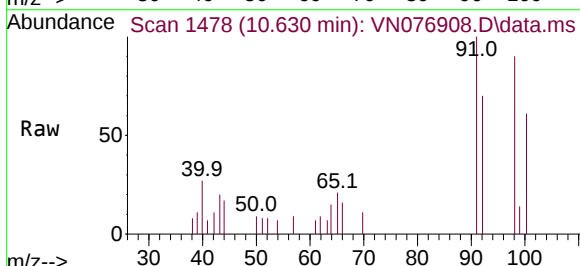
Acq: 09 Mar 2023 17:39

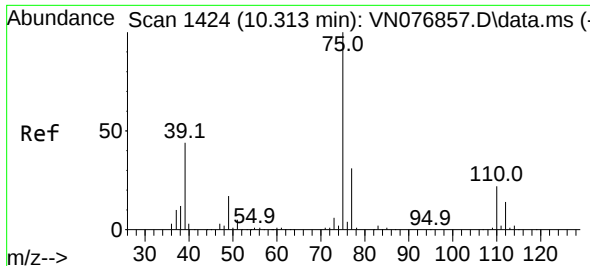
Tgt Ion: 92 Resp: 3052

Ion Ratio Lower Upper

92 100

91 166.0 138.2 207.2

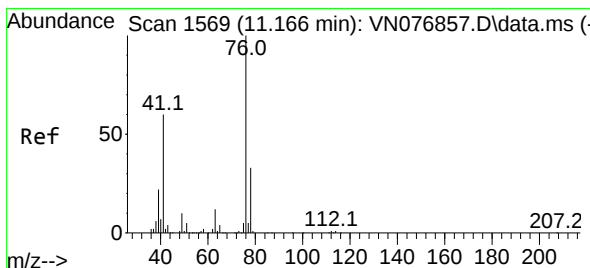
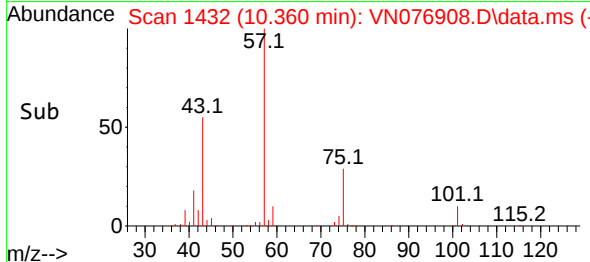
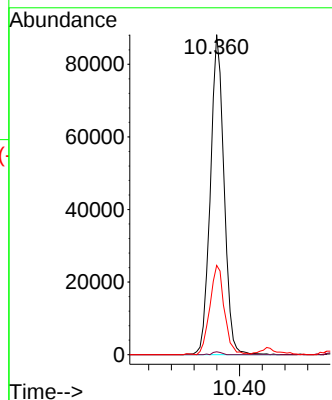
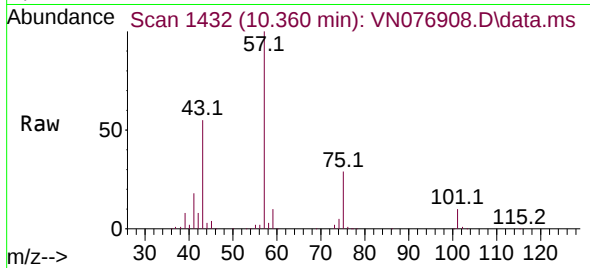




#54
 cis-1,3-Dichloropropene
 Concen: 17.332 ug/l
 RT: 10.360 min Scan# 14
 Delta R.T. 0.047 min
 Lab File: VN076908.D
 Acq: 09 Mar 2023 17:39

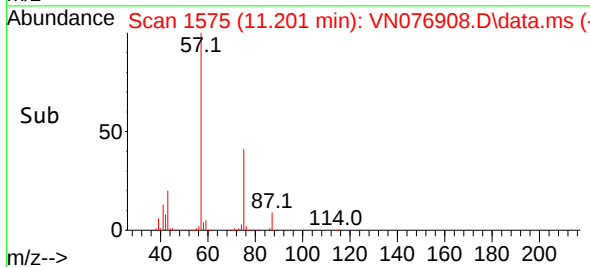
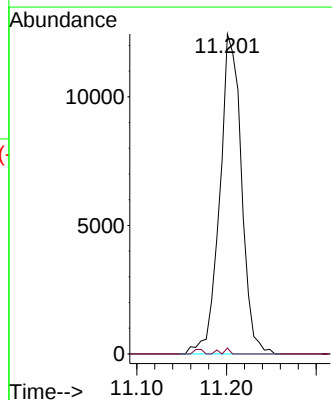
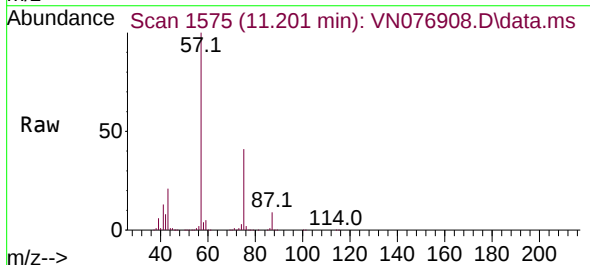
Instrument :
 MSVOA_N
 ClientSampleId :
 PB151321ZHE#01

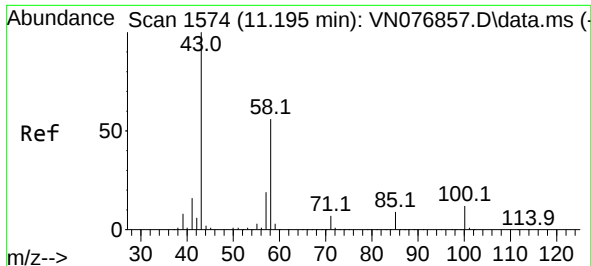
Tgt Ion: 75 Resp: 146504
 Ion Ratio Lower Upper
 75 100
 77 0.9 25.7 38.5#
 39 27.9 29.7 44.5#



#57
 1,3-Dichloropropane
 Concen: 2.257 ug/l
 RT: 11.201 min Scan# 1575
 Delta R.T. 0.035 min
 Lab File: VN076908.D
 Acq: 09 Mar 2023 17:39

Tgt Ion: 76 Resp: 20880
 Ion Ratio Lower Upper
 76 100
 78 0.3 26.1 39.1#

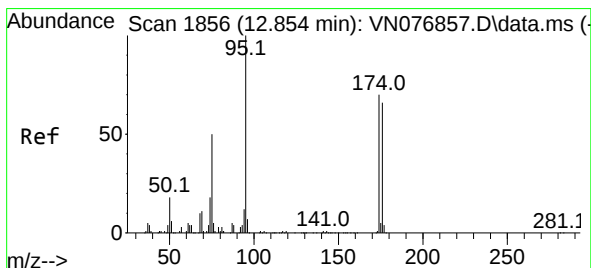
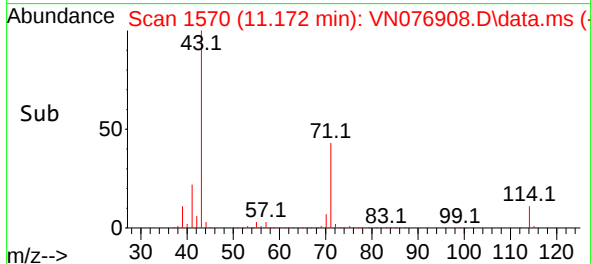
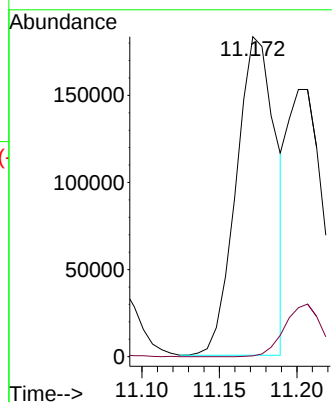
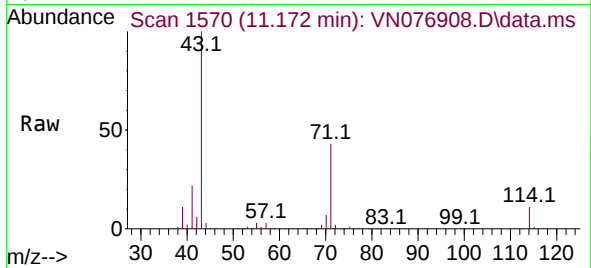




#59
2-Hexanone
Concen: 60.934 ug/l
RT: 11.172 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

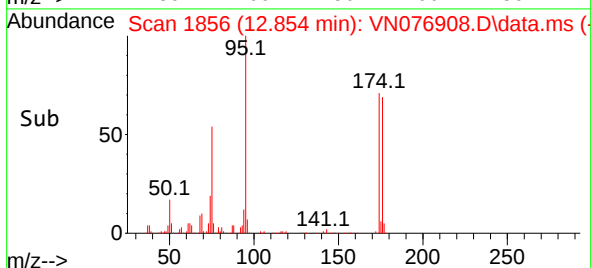
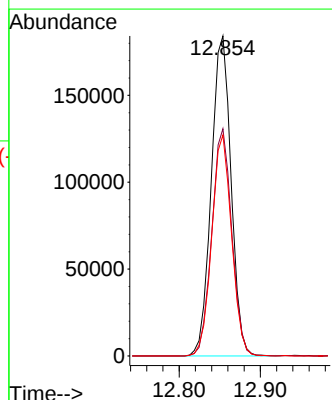
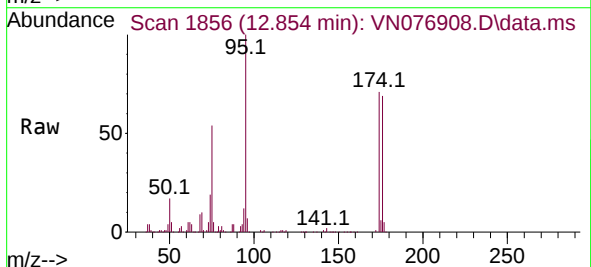
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#01

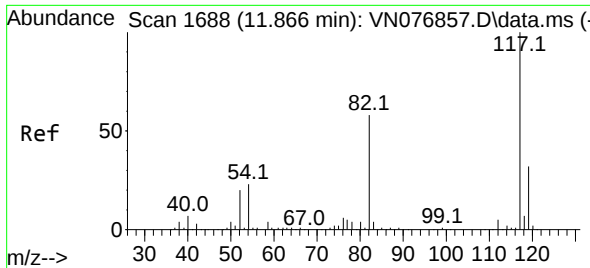
Tgt Ion: 43 Resp: 323239
Ion Ratio Lower Upper
43 100
58 0.0 32.6 98.0#



#62
4-Bromofluorobenzene
Concen: 50.763 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

Tgt Ion: 95 Resp: 311426
Ion Ratio Lower Upper
95 100
174 71.8 0.0 162.4
176 69.1 0.0 157.4

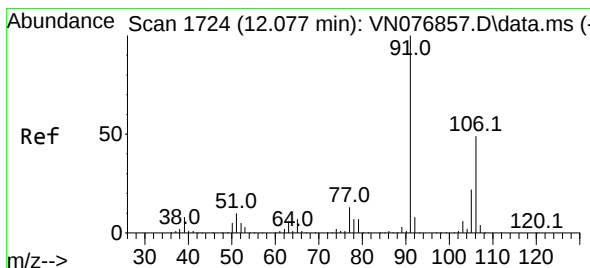
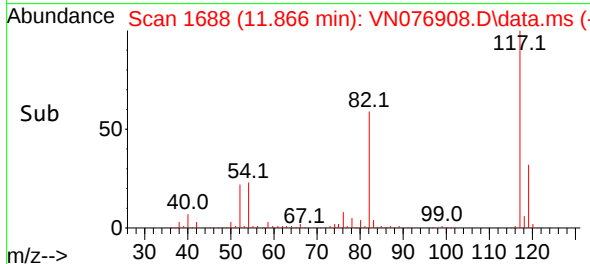
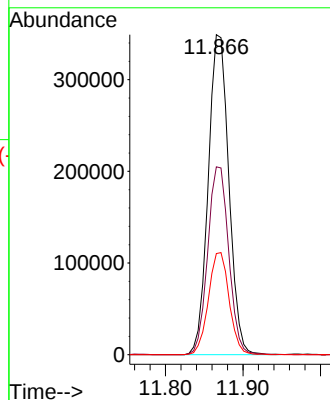
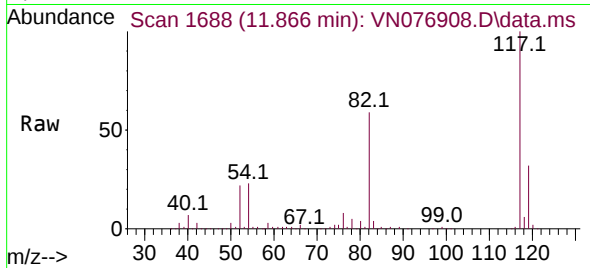




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

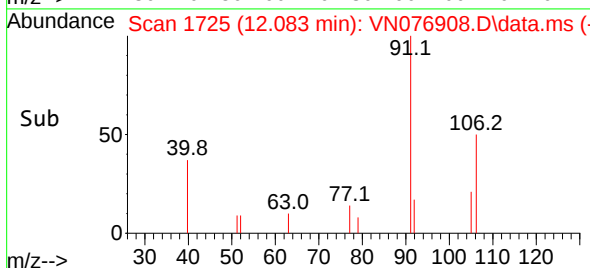
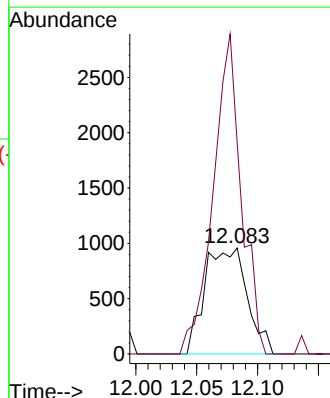
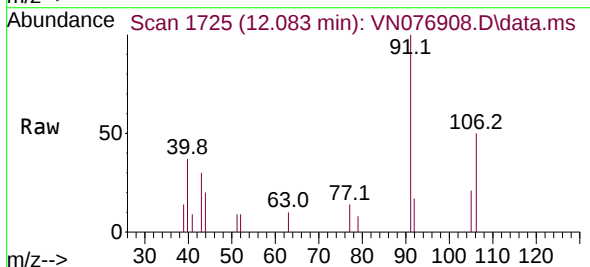
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#01

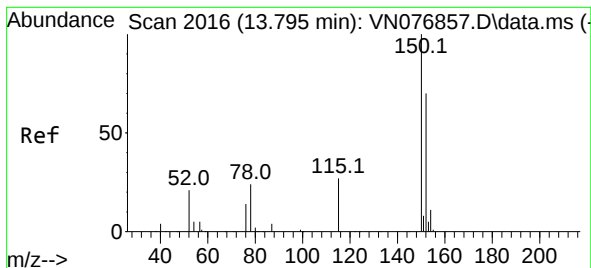
Tgt Ion:117 Resp: 644510
Ion Ratio Lower Upper
117 100
82 58.7 43.5 65.3
119 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 0.245 ug/l
RT: 12.083 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

Tgt Ion:106 Resp: 2327
Ion Ratio Lower Upper
106 100
91 200.9 158.0 237.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

PB151321ZHE#01

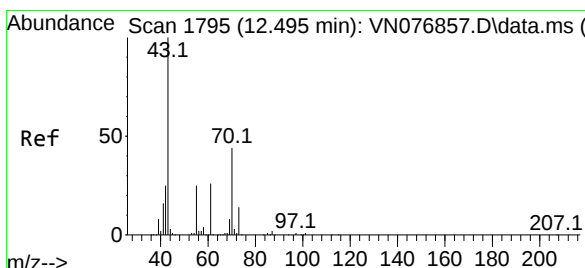
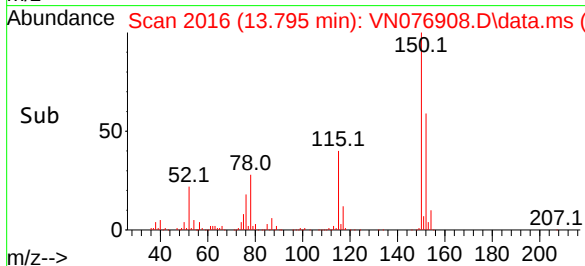
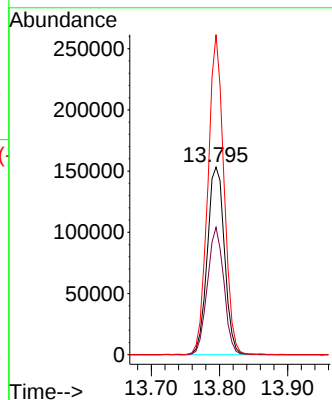
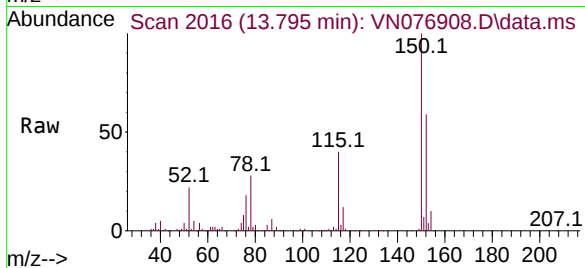
Tgt Ion:152 Resp: 267647

Ion Ratio Lower Upper

152 100

115 65.2 30.3 90.9

150 160.0 0.0 353.6



#74

N-ethyl acetate

Concen: 0.542 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

Tgt Ion: 43 Resp: 4942

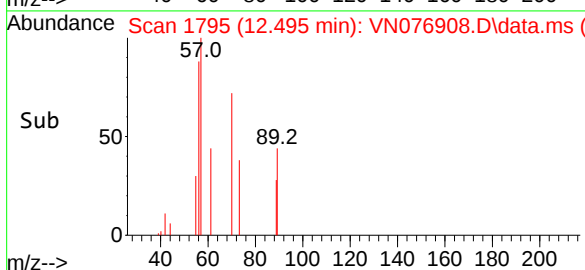
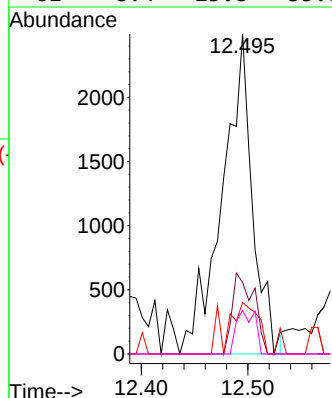
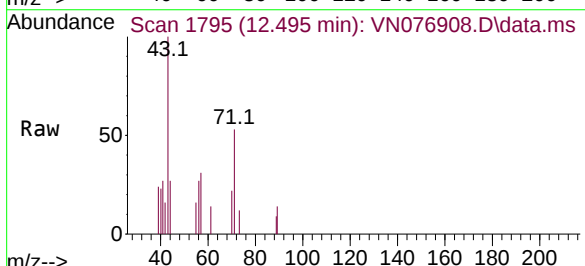
Ion Ratio Lower Upper

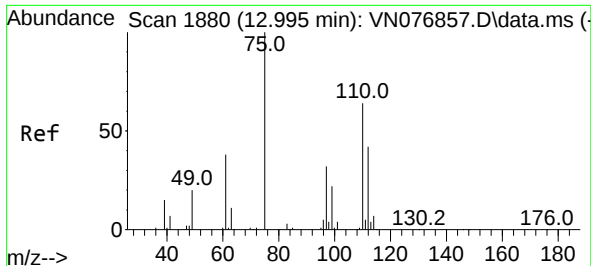
43 100

70 17.9 46.8 70.2#

55 13.7 23.4 35.2#

61 8.4 23.8 35.8#

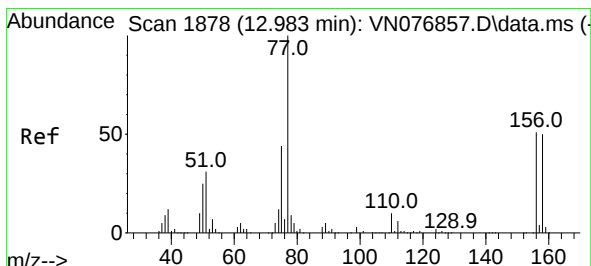
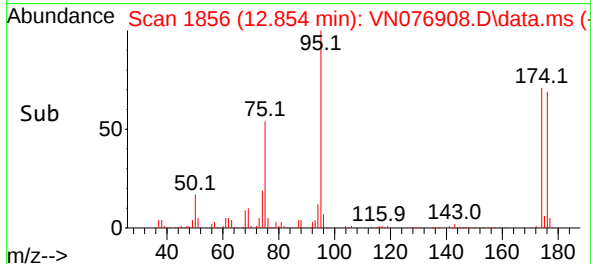
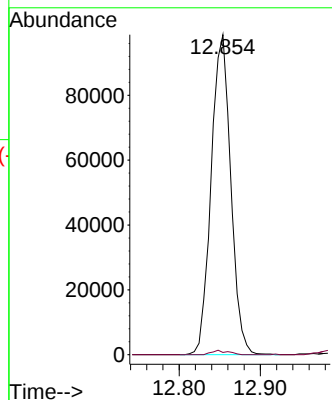
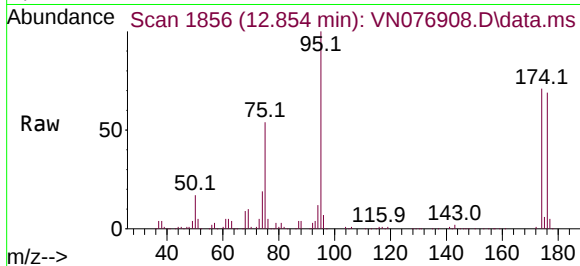




#76
1,2,3-Trichloropropane
Concen: 24.528 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

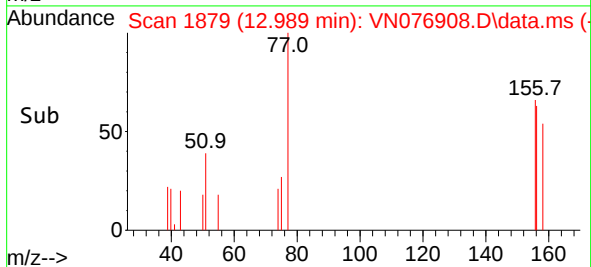
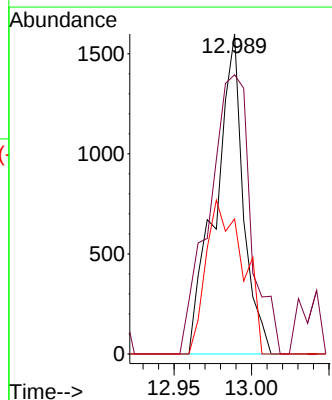
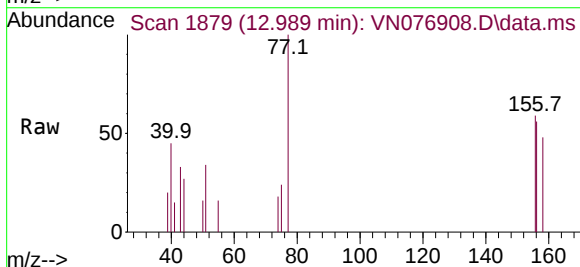
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#01

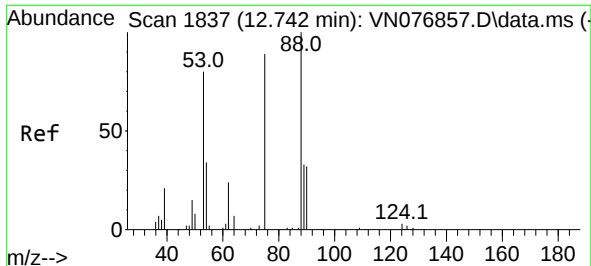
Tgt Ion: 75 Resp: 165565
Ion Ratio Lower Upper
75 100
77 1.1 93.8 281.4#



#77
Bromobenzene
Concen: 0.387 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

Tgt Ion: 156 Resp: 1998
Ion Ratio Lower Upper
156 100
77 131.1 101.3 303.7
158 63.7 48.9 146.7

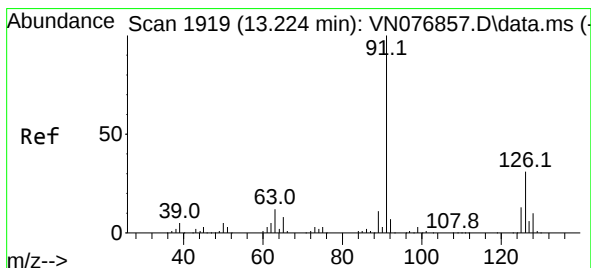
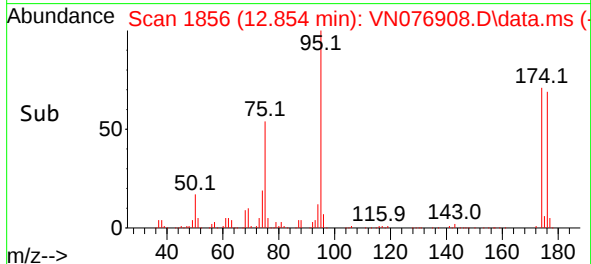
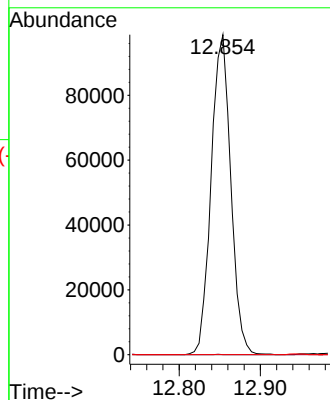
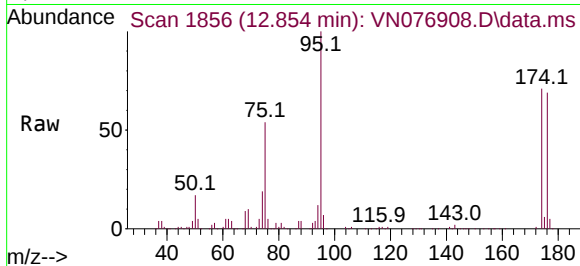




#81
trans-1,4-Dichloro-2-butene
Concen: 80.894 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

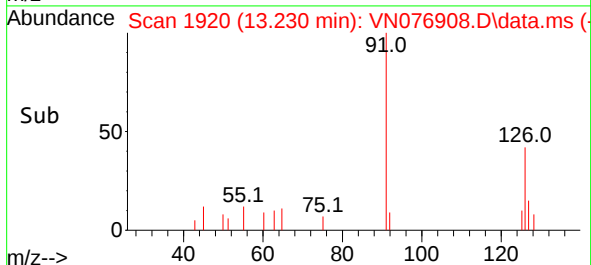
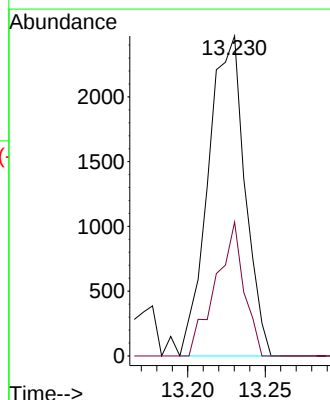
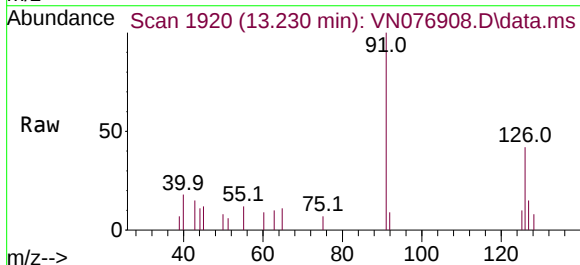
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#01

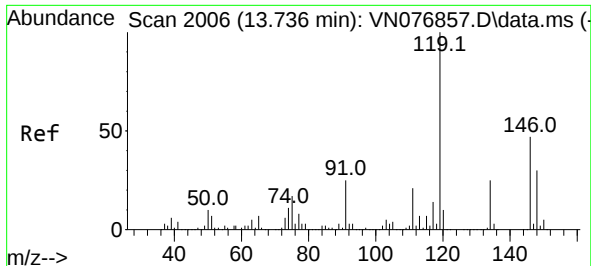
Tgt Ion: 75 Resp: 165565
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.0#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 0.251 ug/l
RT: 13.230 min Scan# 1920
Delta R.T. 0.006 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

Tgt Ion: 91 Resp: 4063
Ion Ratio Lower Upper
91 100
126 32.3 18.0 54.0





#87

1,3-Dichlorobenzene

Concen: 0.356 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

PB151321ZHE#01

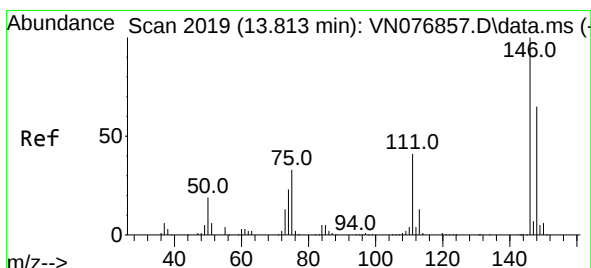
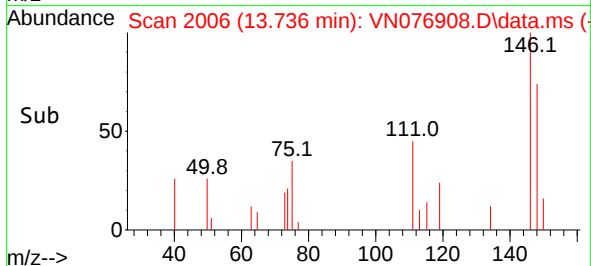
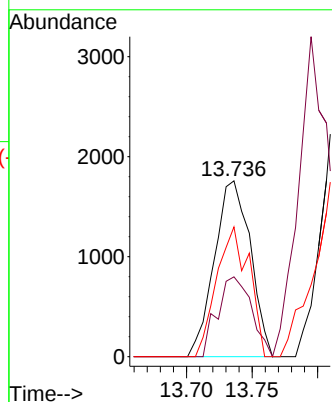
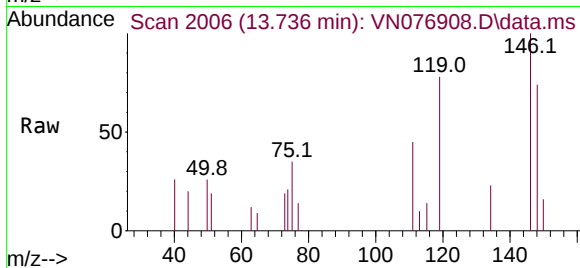
Tgt Ion:146 Resp: 3359

Ion Ratio Lower Upper

146 100

111 42.9 20.4 61.2

148 66.6 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 0.351 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.077 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

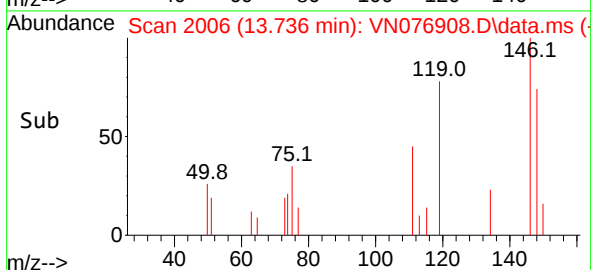
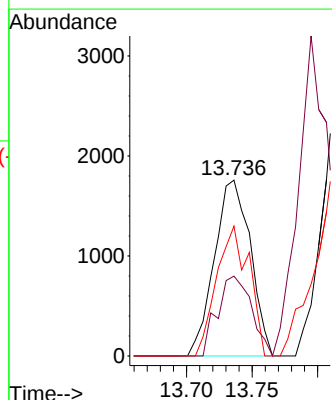
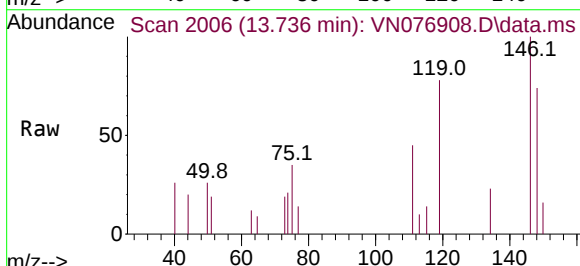
Tgt Ion:146 Resp: 3359

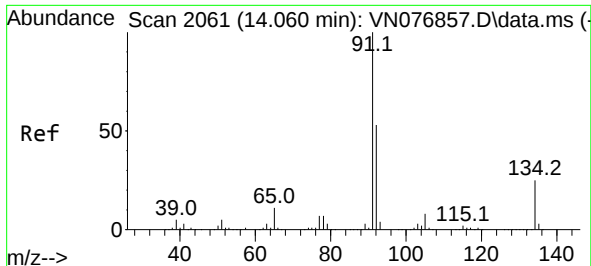
Ion Ratio Lower Upper

146 100

111 42.9 20.0 60.0

148 66.6 31.8 95.4





#89

n-Butylbenzene

Concen: 0.227 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

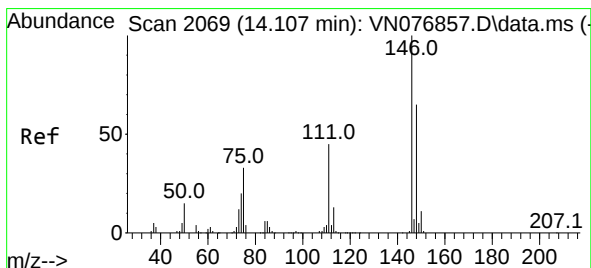
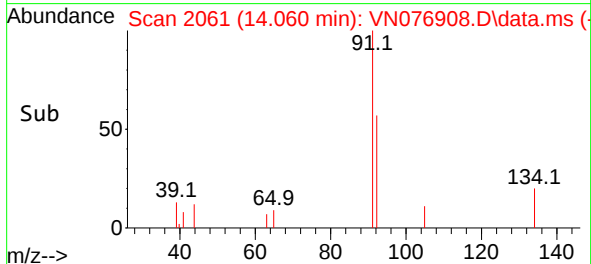
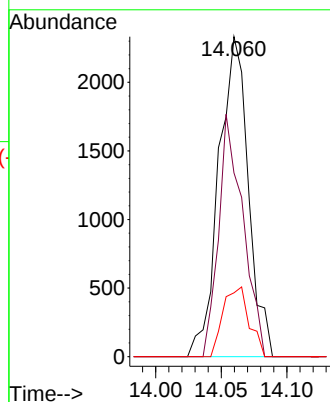
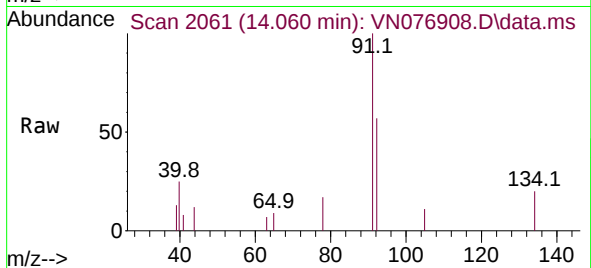
Instrument :

MSVOA_N

ClientSampleId :

PB151321ZHE#01

Tgt Ion:	91	Resp:	3659
Ion	Ratio	Lower	Upper
91	100		
92	62.3	26.6	79.7
134	19.2	13.6	40.7



#91

1,2-Dichlorobenzene

Concen: 0.341 ug/l

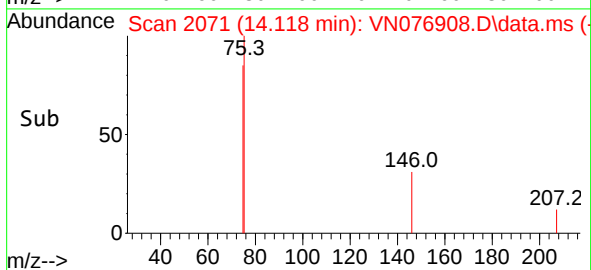
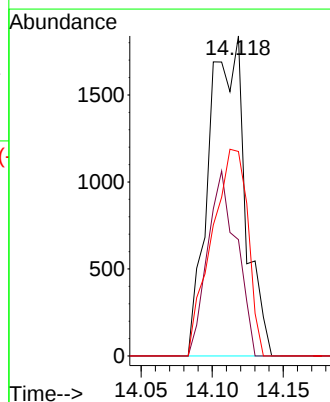
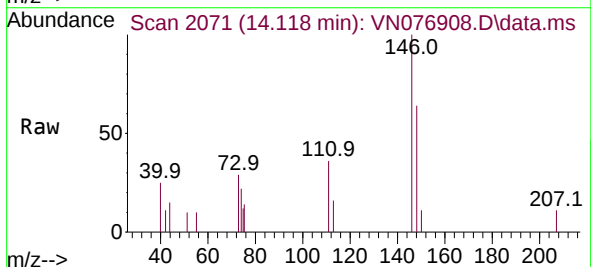
RT: 14.118 min Scan# 2071

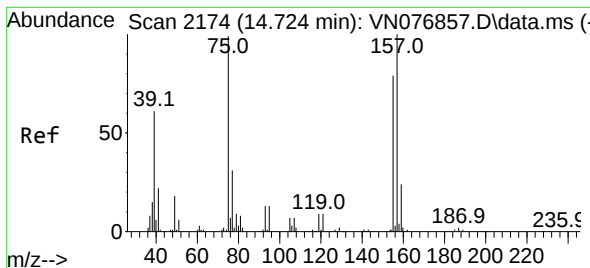
Delta R.T. 0.011 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

Tgt Ion:	146	Resp:	3255
Ion	Ratio	Lower	Upper
146	100		
111	46.6	21.4	64.2
148	64.6	32.0	96.0

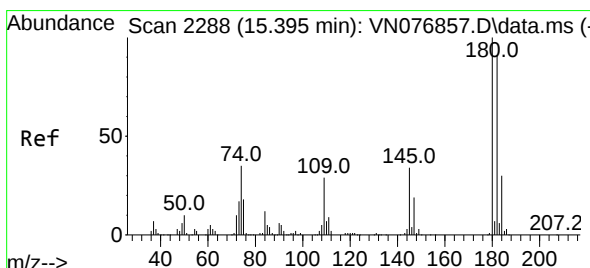
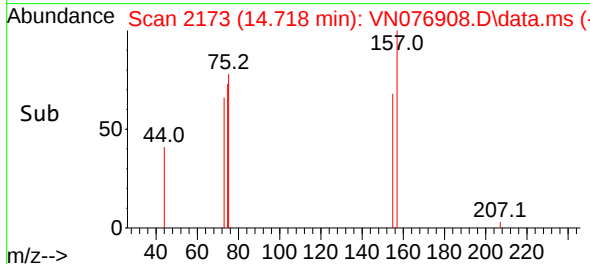
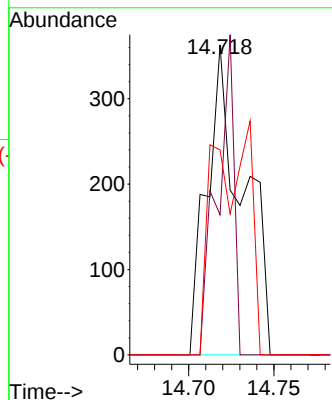
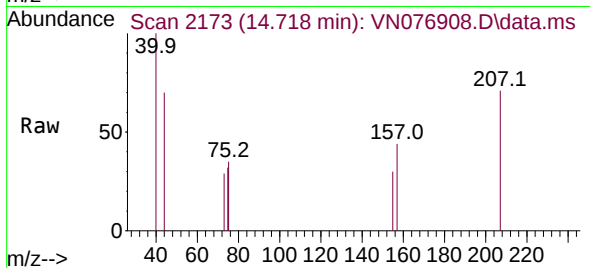




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.378 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

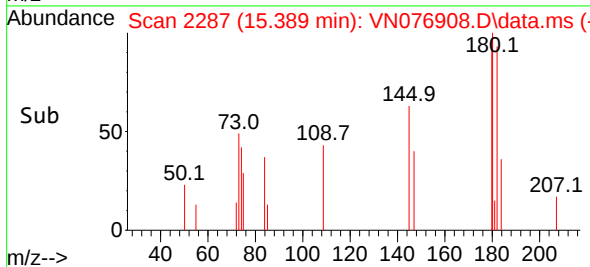
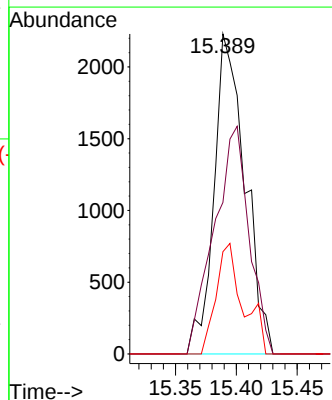
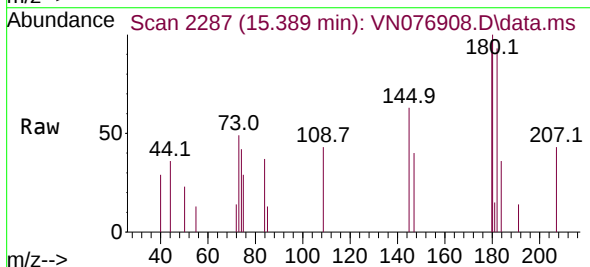
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#01

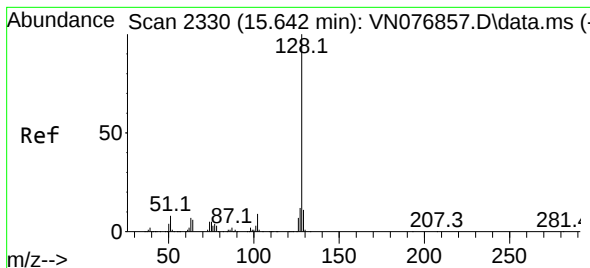
Tgt Ion:	75	Resp:	535
Ion	Ratio	Lower	Upper
75	100		
155	48.2	44.3	132.8
157	75.5	58.3	174.8



#93
1,2,4-Trichlorobenzene
Concen: 0.830 ug/l
RT: 15.389 min Scan# 2287
Delta R.T. -0.006 min
Lab File: VN076908.D
Acq: 09 Mar 2023 17:39

Tgt Ion:	180	Resp:	3963
Ion	Ratio	Lower	Upper
180	100		
182	79.6	47.4	142.2
145	30.0	15.8	47.3





#95

Naphthalene

Concen: 0.895 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

Instrument :

MSVOA_N

ClientSampleId :

PB151321ZHE#01

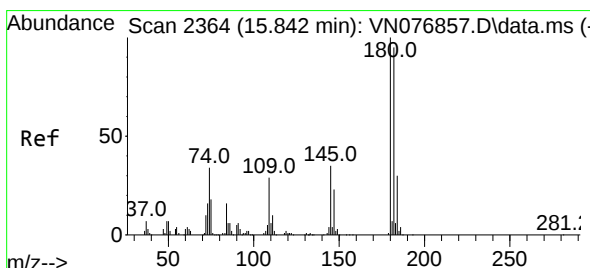
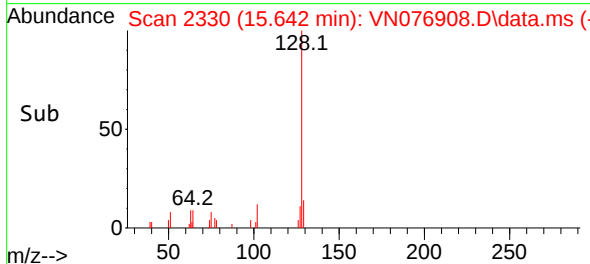
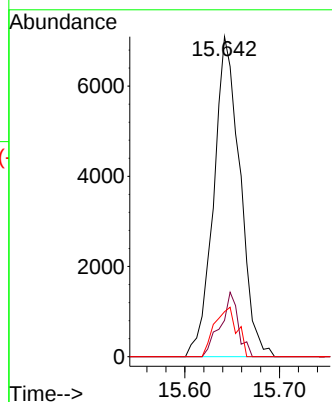
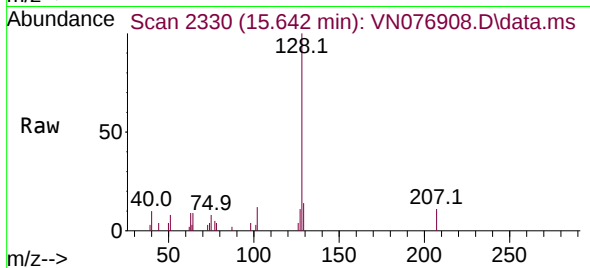
Tgt Ion:128 Resp: 13690

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 13.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 0.740 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076908.D

Acq: 09 Mar 2023 17:39

Tgt Ion:180 Resp: 3473

Ion Ratio Lower Upper

180 100

182 103.9 47.7 143.1

145 34.3 17.0 51.0

