

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080223.D
 Acq On : 20 Nov 2023 21:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 21 01:12:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	189577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	296759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142166	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	166826	53.295	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.600%	
35) Dibromofluoromethane	8.171	113	115723	52.849	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.700%	
50) Toluene-d8	10.571	98	411221	52.097	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.200%	
62) 4-Bromofluorobenzene	12.847	95	157426	52.802	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	138478	49.038	ug/l	98
3) Chloromethane	2.360	50	83666	39.408	ug/l	96
4) Vinyl Chloride	2.512	62	96315	42.868	ug/l	98
5) Bromomethane	2.954	94	63117	41.381	ug/l	98
6) Chloroethane	3.118	64	62544	44.769	ug/l	96
7) Trichlorofluoromethane	3.495	101	238452	50.876	ug/l	99
8) Diethyl Ether	3.959	74	62814	46.083	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	102119	47.669	ug/l	94
10) Methyl Iodide	4.589	142	117536	50.768	ug/l #	80
11) Tert butyl alcohol	5.512	59	87778	255.001	ug/l	99
12) 1,1-Dichloroethene	4.336	96	93342	46.585	ug/l #	78
13) Acrolein	4.177	56	72055	236.528	ug/l	97
14) Allyl chloride	5.024	41	107339	42.579	ug/l #	84
15) Acrylonitrile	5.712	53	209101	226.278	ug/l	99
16) Acetone	4.424	43	184203	175.204	ug/l	91
17) Carbon Disulfide	4.712	76	247858	41.428	ug/l	99
18) Methyl Acetate	5.018	43	147091	43.543	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	355345	50.218	ug/l	98
20) Methylene Chloride	5.277	84	110167	50.037	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	102486	46.559	ug/l #	82
22) Diisopropyl ether	6.677	45	262599	47.082	ug/l	96
23) Vinyl Acetate	6.600	43	776704	231.638	ug/l	94
24) 1,1-Dichloroethane	6.565	63	185508	45.666	ug/l	99
25) 2-Butanone	7.483	43	246422	197.273	ug/l	90
26) 2,2-Dichloropropane	7.489	77	192677	47.808	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	119637	47.938	ug/l	87
28) Bromochloromethane	7.818	49	65841	41.228	ug/l	94
29) Tetrahydrofuran	7.841	42	154734	230.728	ug/l	95
30) Chloroform	7.965	83	230735	50.818	ug/l	95
31) Cyclohexane	8.259	56	143640	42.195	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	233020	52.625	ug/l	97
36) 1,1-Dichloropropene	8.377	75	156863	49.480	ug/l	95
37) Ethyl Acetate	7.565	43	97048	44.133	ug/l	99
38) Carbon Tetrachloride	8.365	117	219750	54.623	ug/l	97
39) Methylcyclohexane	9.606	83	149259	48.829	ug/l	94
40) Benzene	8.612	78	430873	47.821	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	58179	48.177	ug/l	91
42) 1,2-Dichloroethane	8.671	62	196300	53.252	ug/l	93
43) Isopropyl Acetate	8.688	43	189209	44.216	ug/l	98
44) Trichloroethene	9.353	130	114464	48.430	ug/l	99
45) 1,2-Dichloropropane	9.624	63	98857	47.212	ug/l #	89
46) Dibromomethane	9.712	93	80686	50.905	ug/l	91
47) Bromodichloromethane	9.888	83	184531	52.926	ug/l	94
48) Methyl methacrylate	9.683	41	109843	49.810	ug/l	90
49) 1,4-Dioxane	9.700	88	33981	926.251	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	531108	239.731	ug/l	98
52) Toluene	10.630	92	285574	50.645	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	185879	51.890	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	184599	50.440	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	107339	49.875	ug/l	94
56) Ethyl methacrylate	10.877	69	117681	53.525	ug/l	95
57) 1,3-Dichloropropane	11.165	76	186395	49.605	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	319571	258.003	ug/l	98
59) 2-Hexanone	11.200	43	389863	218.996	ug/l	96
60) Dibromochloromethane	11.359	129	136756	53.076	ug/l	99
61) 1,2-Dibromoethane	11.471	107	107356	48.896	ug/l	98
64) Tetrachloroethene	11.106	164	99175	47.107	ug/l	98
65) Chlorobenzene	11.894	112	297343	47.567	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	127849	52.704	ug/l	93
67) Ethyl Benzene	11.965	91	556440	50.025	ug/l	95
68) m/p-Xylenes	12.071	106	411480	101.459	ug/l	86
69) o-Xylene	12.400	106	195907	51.256	ug/l	83
70) Styrene	12.412	104	294546	51.776	ug/l #	90
71) Bromoform	12.582	173	94542	52.555	ug/l #	99
73) Isopropylbenzene	12.694	105	534890	48.418	ug/l	99
74) N-amyl acetate	12.494	43	150418	43.662	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	139498	42.190	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	198823	57.079	ug/l	76
77) Bromobenzene	12.982	156	129152	46.370	ug/l	97
78) n-propylbenzene	13.035	91	599914	48.562	ug/l	99
79) 2-Chlorotoluene	13.129	91	386032	48.113	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	475590	49.455	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	43692	42.378	ug/l #	79
82) 4-Chlorotoluene	13.224	91	386433	47.013	ug/l	96
83) tert-Butylbenzene	13.441	119	378971	49.141	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	470502	49.687	ug/l	96
85) sec-Butylbenzene	13.618	105	481694	49.375	ug/l	98
86) p-Isopropyltoluene	13.729	119	442547	50.781	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	230134	45.860	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	227422	45.097	ug/l	97
89) n-Butylbenzene	14.059	91	346957	47.566	ug/l	99
90) Hexachloroethane	14.335	117	79192	46.612	ug/l	67
91) 1,2-Dichlorobenzene	14.106	146	221788	46.186	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	34745	45.241	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	122776	43.960	ug/l	97
94) Hexachlorobutadiene	15.500	225	67678	42.108	ug/l	98
95) Naphthalene	15.641	128	337138	41.627	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	117113	44.737	ug/l	97

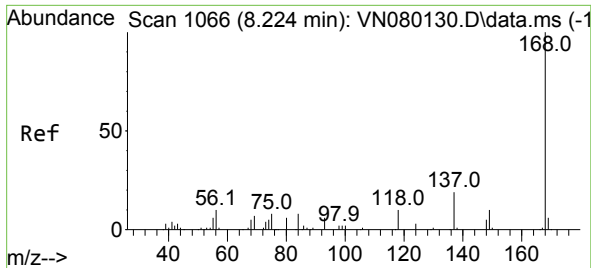
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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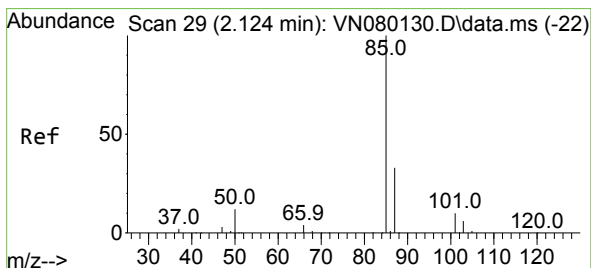
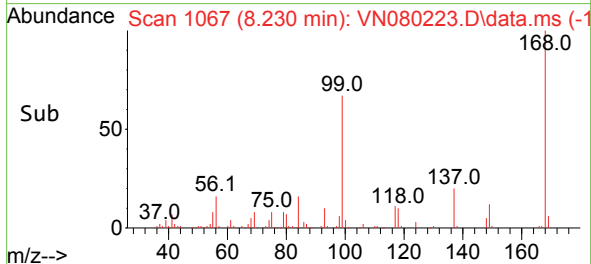
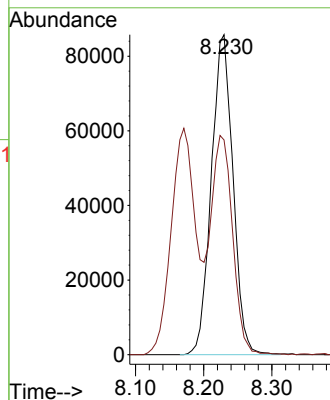
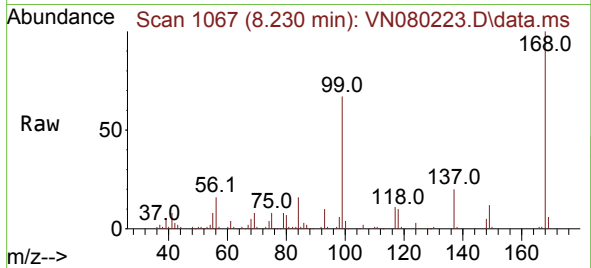
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

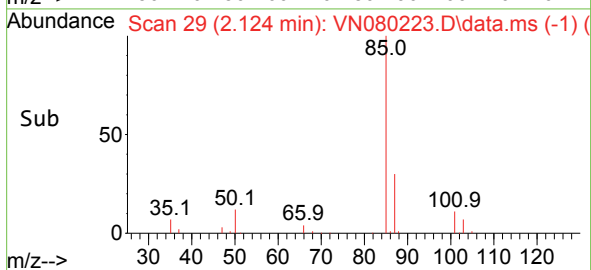
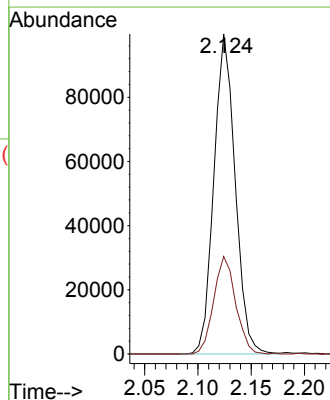
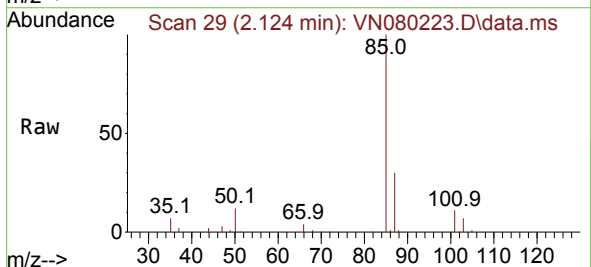
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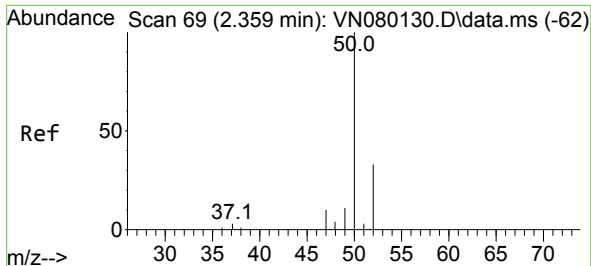
Tgt Ion:168 Resp: 189577
Ion Ratio Lower Upper
168 100
99 66.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 49.038 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion: 85 Resp: 138478
Ion Ratio Lower Upper
85 100
87 30.5 15.8 47.4

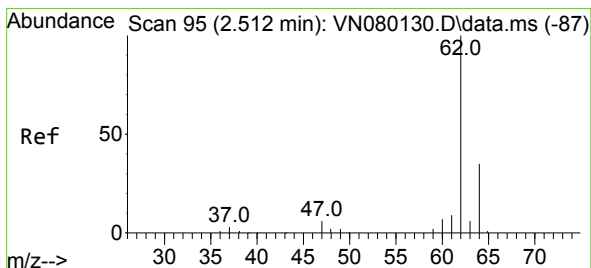
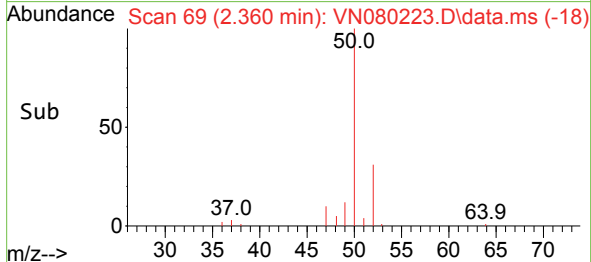
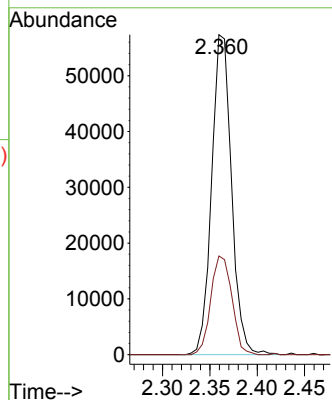
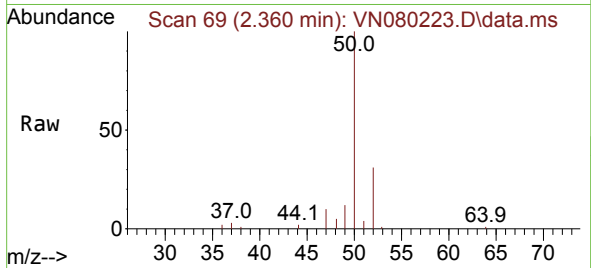




#3
Chloromethane
Concen: 39.408 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

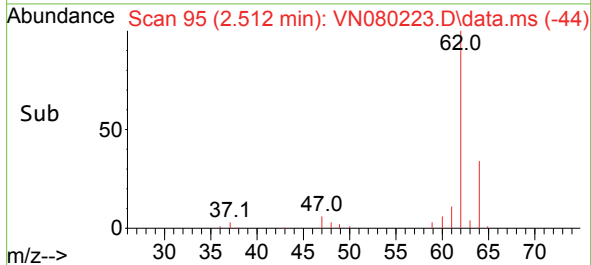
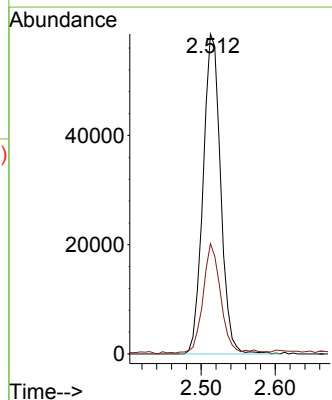
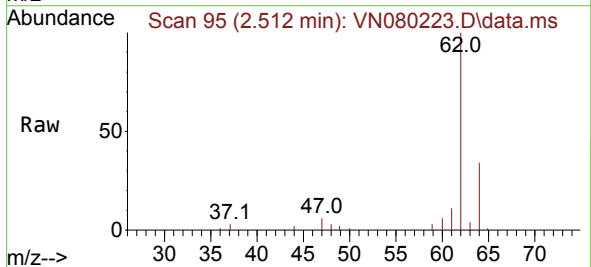
Instrument :
MSVOA_N
ClientSampleId :

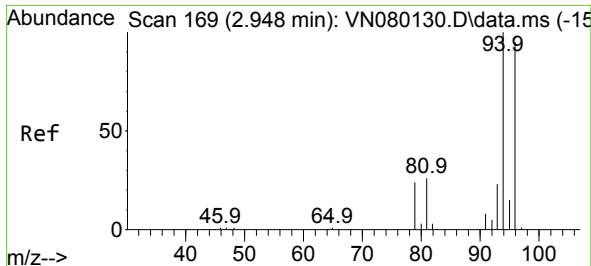
Tgt Ion: 50 Resp: 83666
Ion Ratio Lower Upper
50 100
52 30.9 26.5 39.7



#4
Vinyl Chloride
Concen: 42.868 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion: 62 Resp: 96315
Ion Ratio Lower Upper
62 100
64 33.8 26.2 39.2





#5

Bromomethane

Concen: 41.381 ug/l

RT: 2.954 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

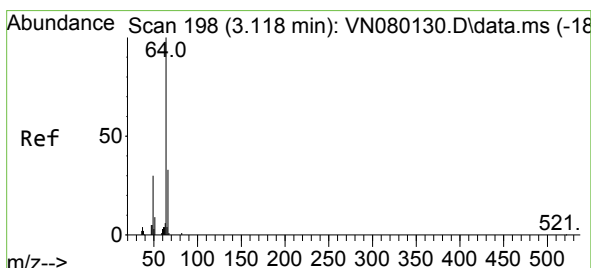
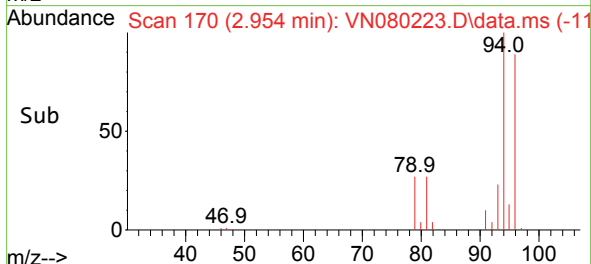
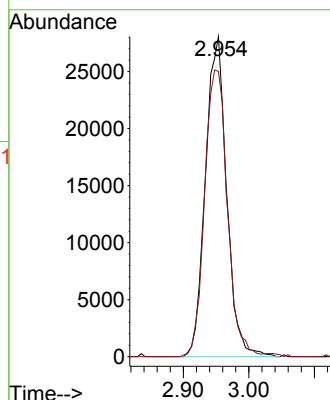
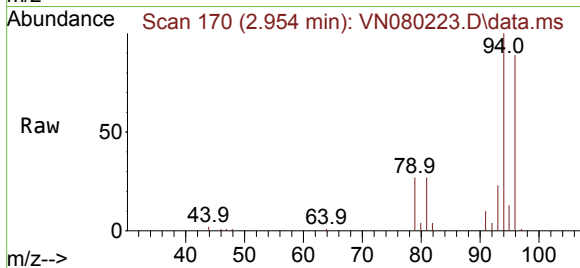
ClientSampleId :

Tgt Ion: 94 Resp: 63117

Ion Ratio Lower Upper

94 100

96 89.1 73.1 109.7



#6

Chloroethane

Concen: 44.769 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.000 min

Lab File: VN080223.D

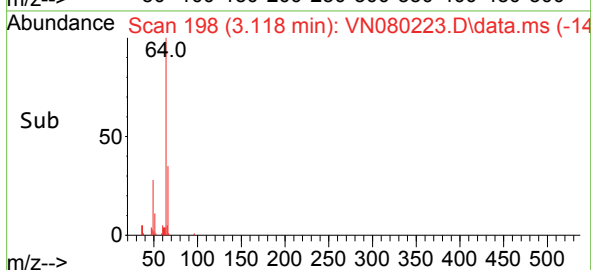
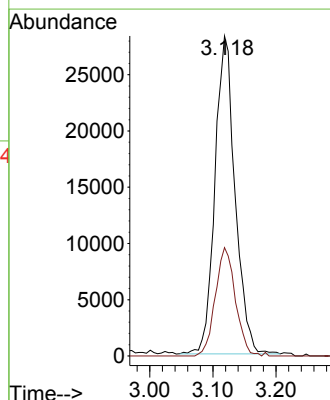
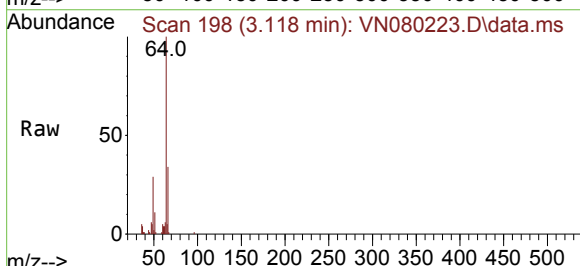
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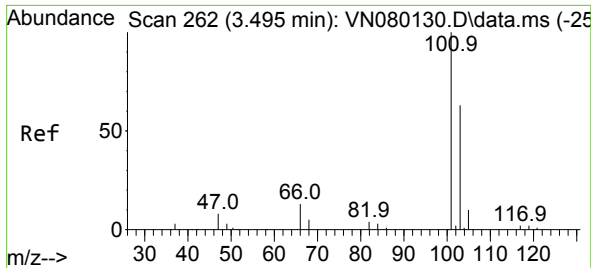
Tgt Ion: 64 Resp: 62544

Ion Ratio Lower Upper

64 100

66 34.1 25.4 38.2

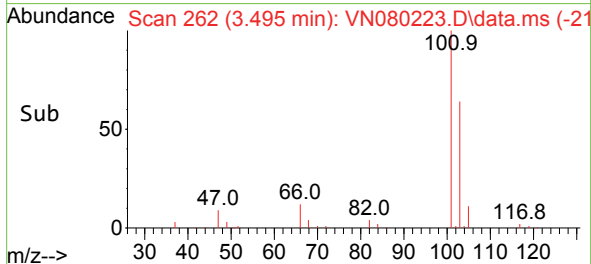
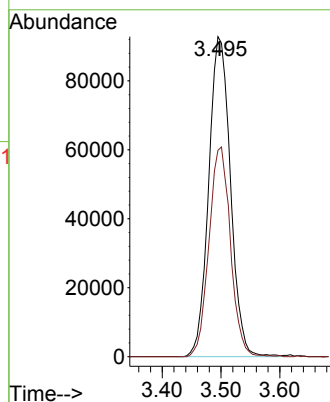
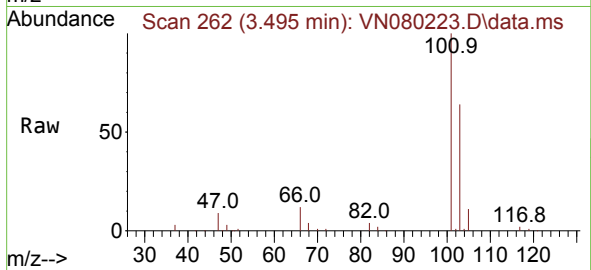




#7
 Trichlorofluoromethane
 Concen: 50.876 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080223.D
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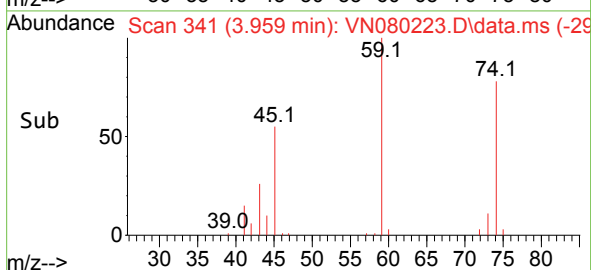
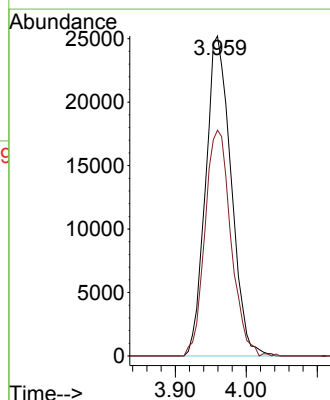
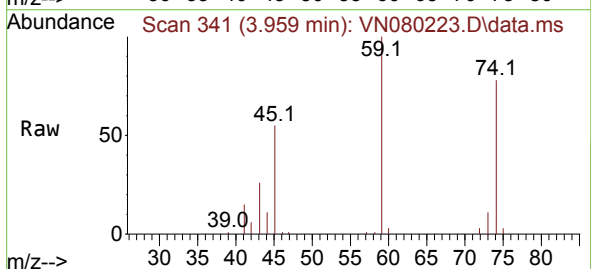
Instrument :
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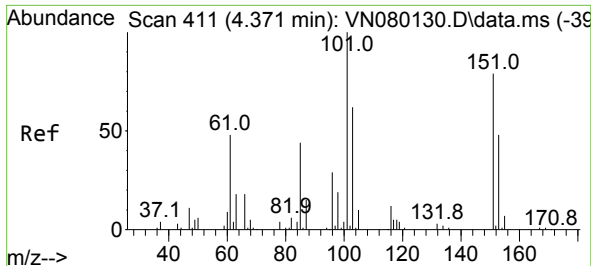
Tgt Ion:101 Resp: 238452
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.7 76.1



#8
 Diethyl Ether
 Concen: 46.083 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

Tgt Ion: 74 Resp: 62814
 Ion Ratio Lower Upper
 74 100
 45 72.1 34.4 103.3

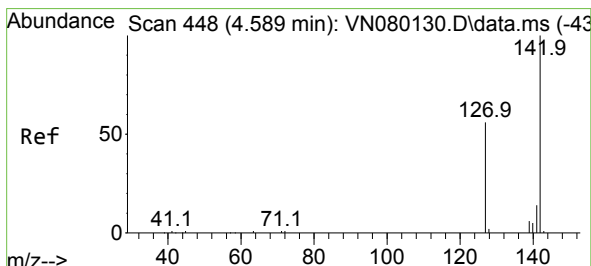
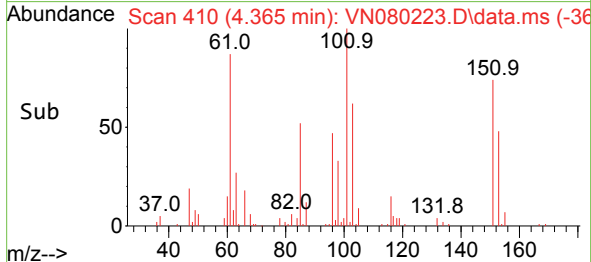
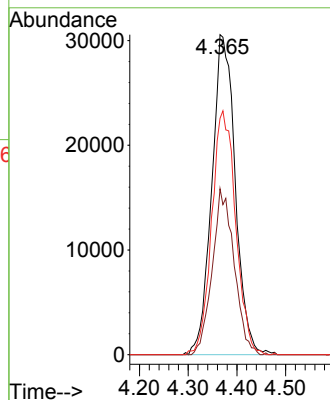
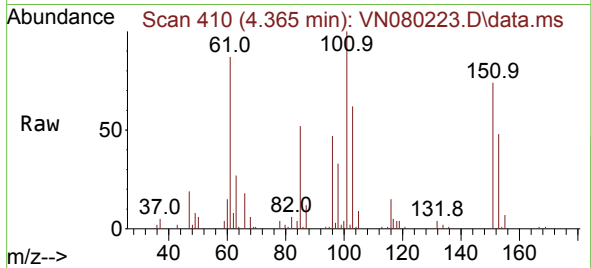




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.669 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

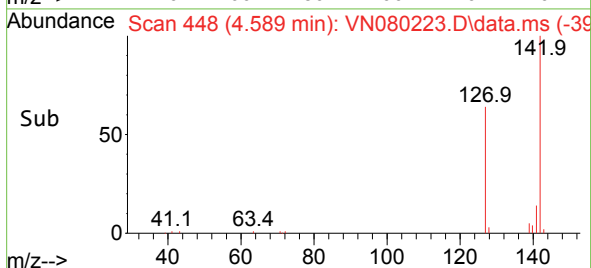
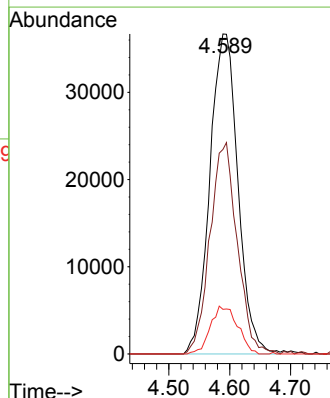
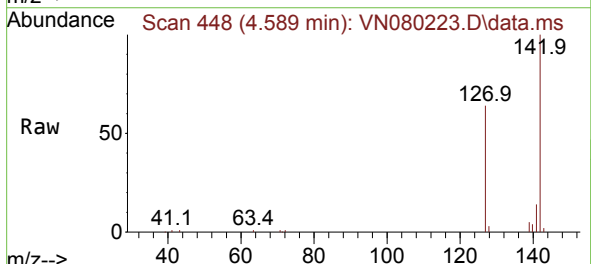
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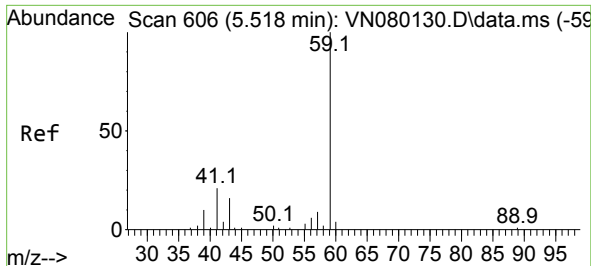
Tgt Ion:101 Resp: 102119
Ion Ratio Lower Upper
101 100
85 48.4 36.6 55.0
151 77.9 57.6 86.4



#10
Methyl Iodide
Concen: 50.768 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion:142 Resp: 117536
Ion Ratio Lower Upper
142 100
127 63.9 37.6 56.4#
141 13.9 11.4 17.0

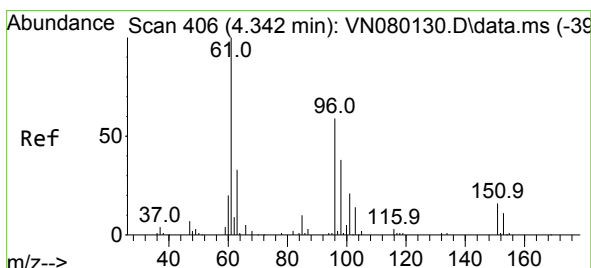
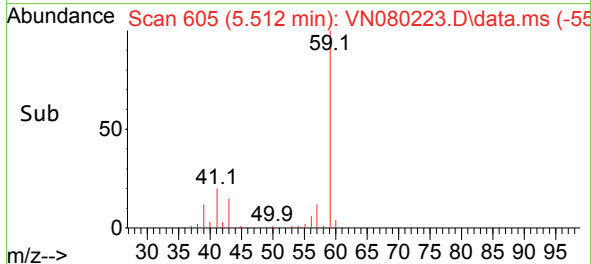
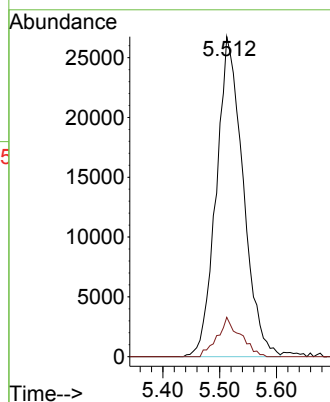
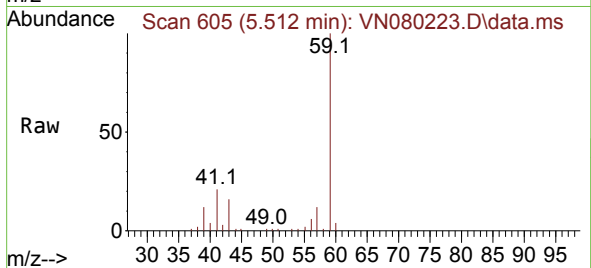




#11
Tert butyl alcohol
Concen: 255.001 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

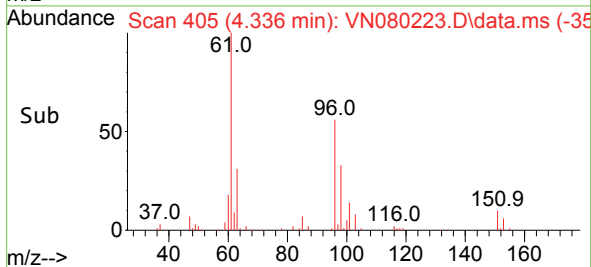
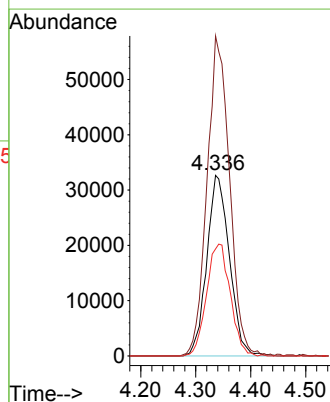
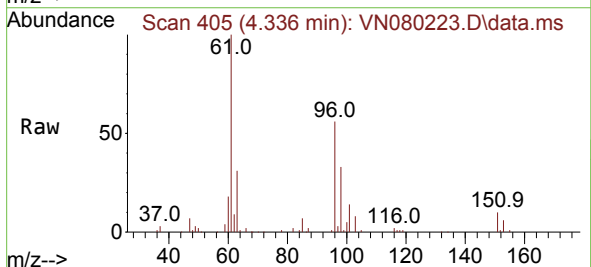
Instrument :
MSVOA_N
ClientSampleId :

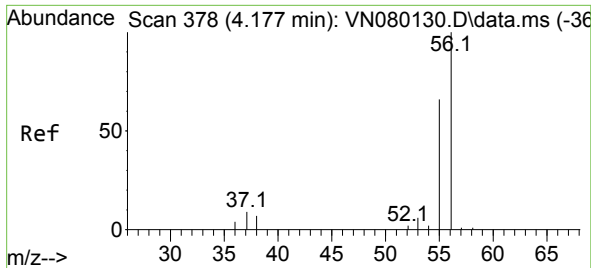
Tgt Ion: 59 Resp: 87778
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.585 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion: 96 Resp: 93342
Ion Ratio Lower Upper
96 100
61 177.1 112.7 169.1#
98 59.3 51.2 76.8





#13

Acrolein

Concen: 236.528 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

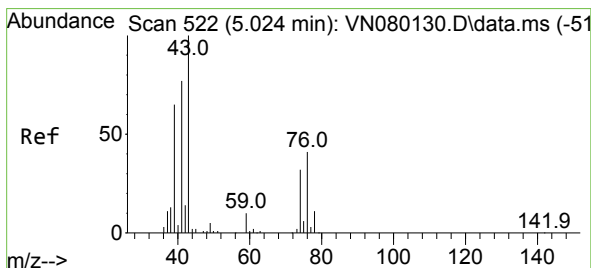
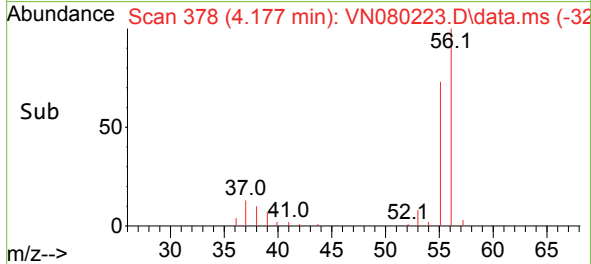
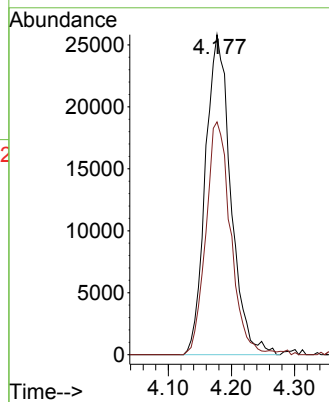
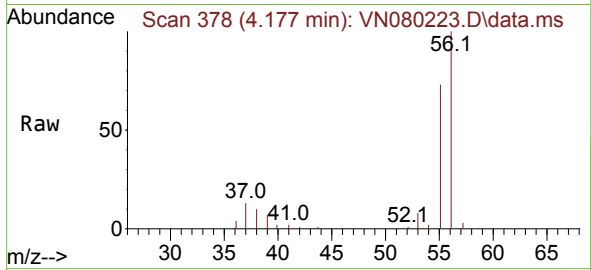
ClientSampleId :

Tgt Ion: 56 Resp: 72055

Ion Ratio Lower Upper

56 100

55 70.7 54.5 81.7



#14

Allyl chloride

Concen: 42.579 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

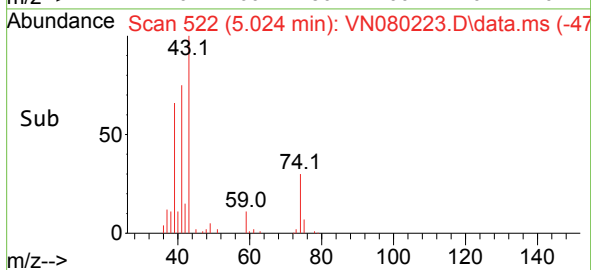
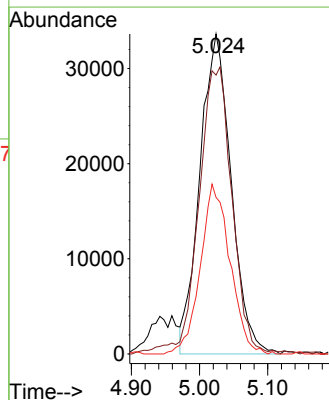
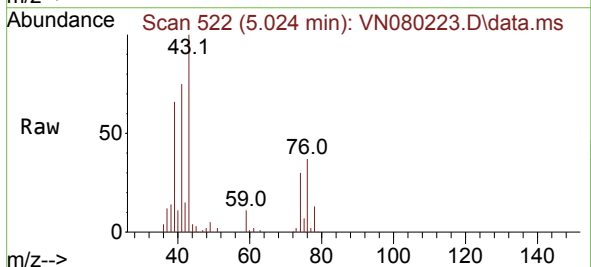
Tgt Ion: 41 Resp: 107339

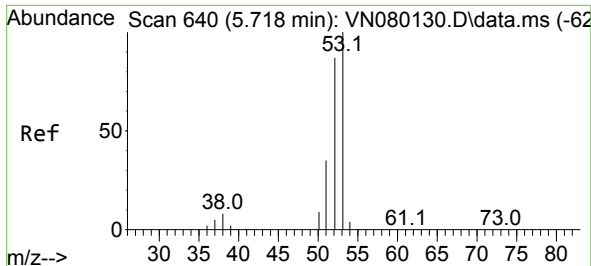
Ion Ratio Lower Upper

41 100

39 95.0 58.8 88.2#

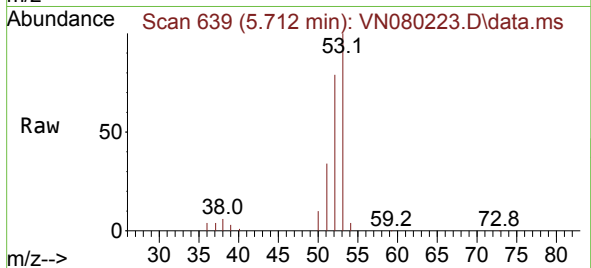
76 50.3 39.1 58.7



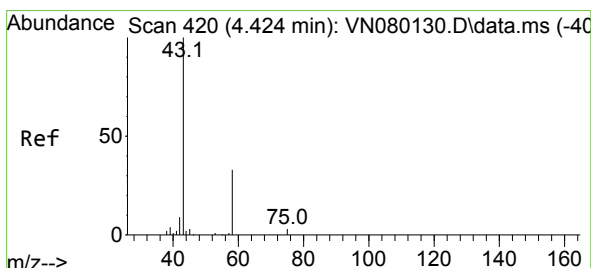
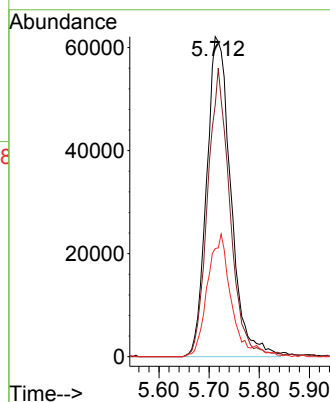
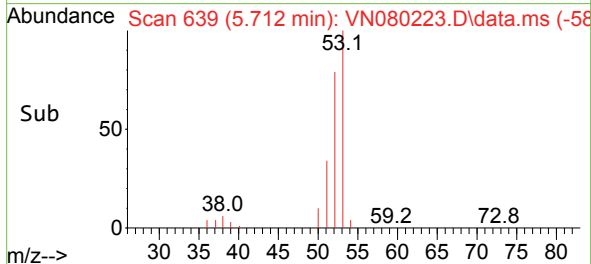


#15
Acrylonitrile
Concen: 226.278 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Instrument :
MSVOA_N
ClientSampleId :

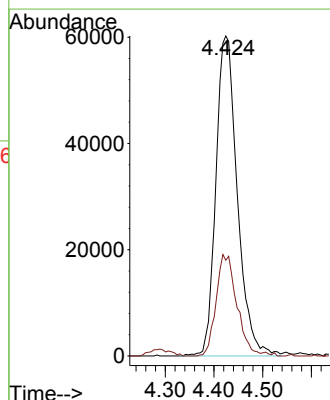
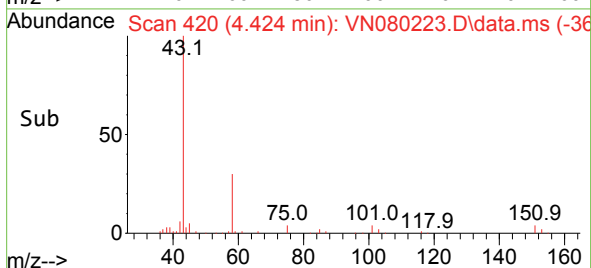
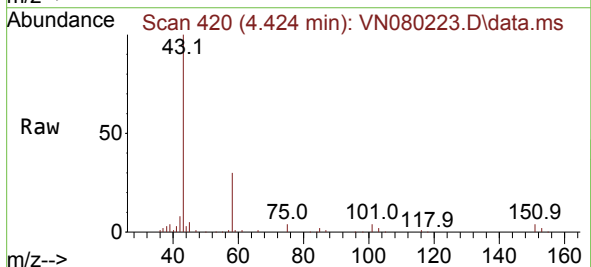


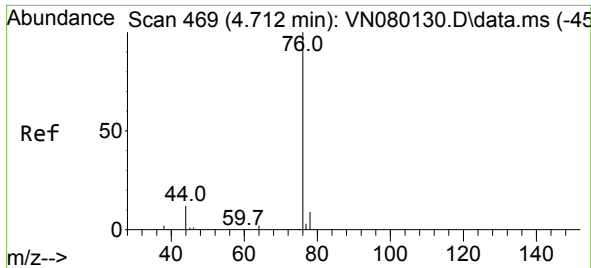
Tgt Ion: 53 Resp: 209101
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 35.9 28.9 43.3



#16
Acetone
Concen: 175.204 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion: 43 Resp: 184203
Ion Ratio Lower Upper
43 100
58 29.9 28.0 42.0

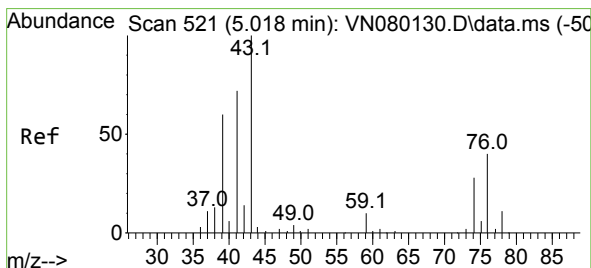
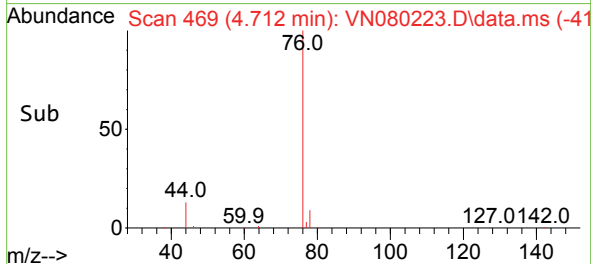
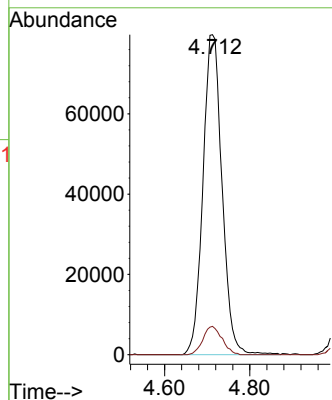
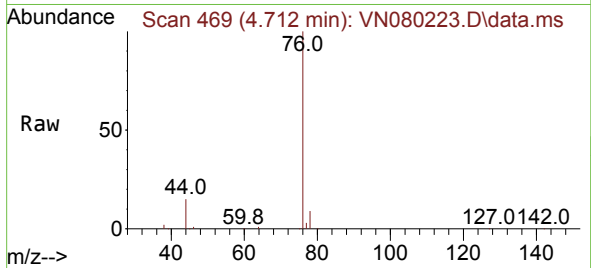




#17
Carbon Disulfide
Concen: 41.428 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

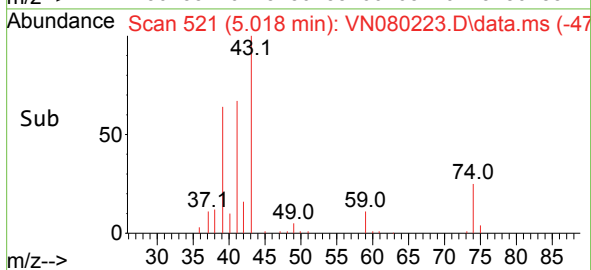
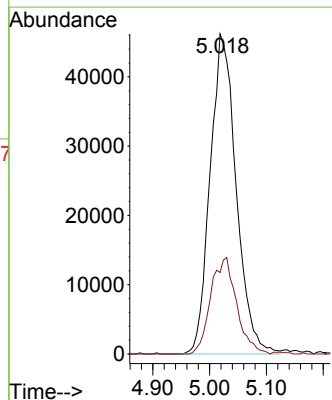
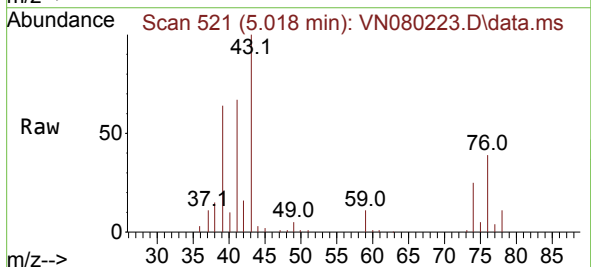
Instrument :
MSVOA_N
ClientSampleId :

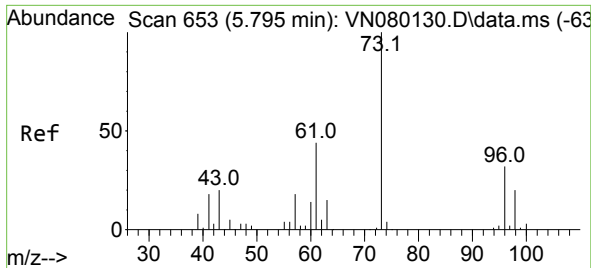
Tgt Ion: 76 Resp: 247858
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 43.543 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion: 43 Resp: 147091
Ion Ratio Lower Upper
43 100
74 29.9 26.2 39.4

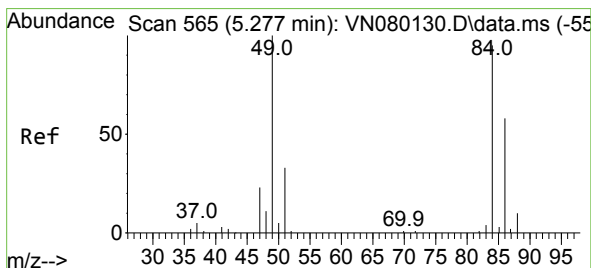
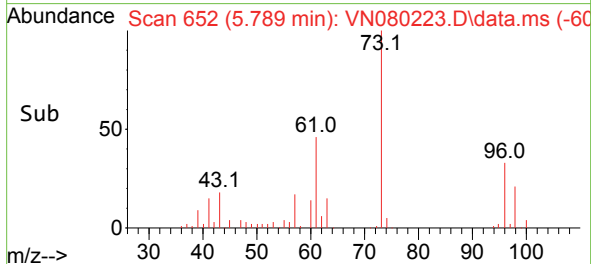
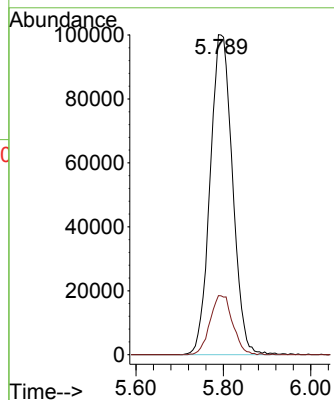
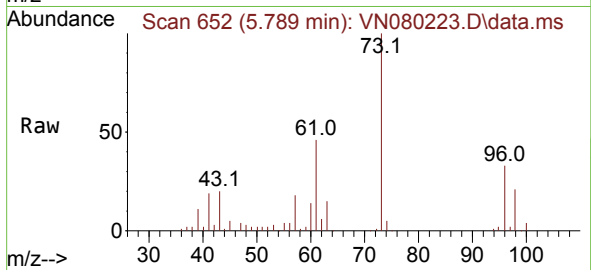




#19
Methyl tert-butyl Ether
Concen: 50.218 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

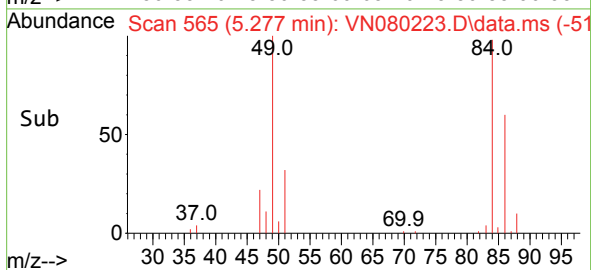
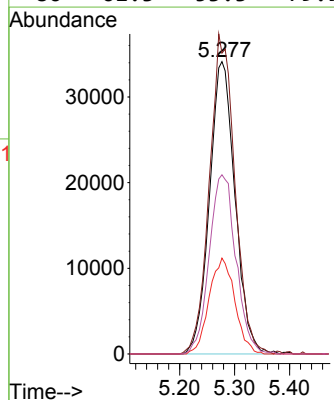
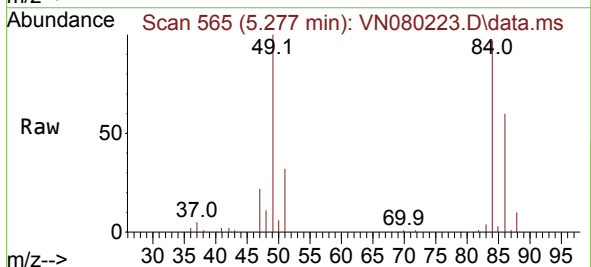
Instrument :
MSVOA_N
ClientSampleId :

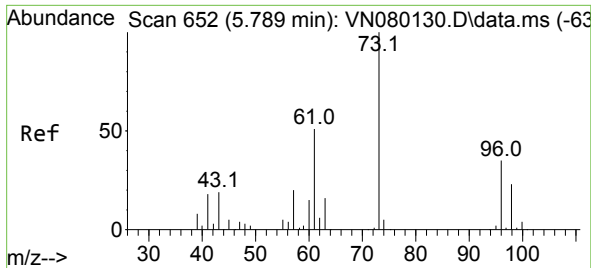
Tgt Ion: 73 Resp: 355345
Ion Ratio Lower Upper
73 100
57 18.4 15.6 23.4



#20
Methylene Chloride
Concen: 50.037 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion: 84 Resp: 110167
Ion Ratio Lower Upper
84 100
49 102.9 79.7 119.5
51 32.8 25.2 37.8
86 61.3 53.3 79.9

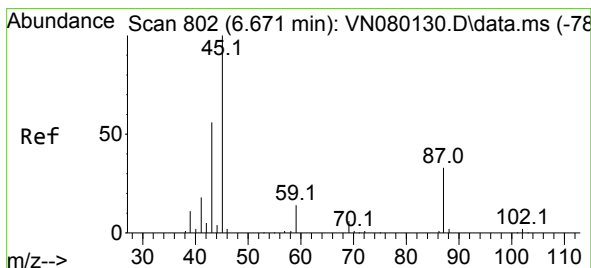
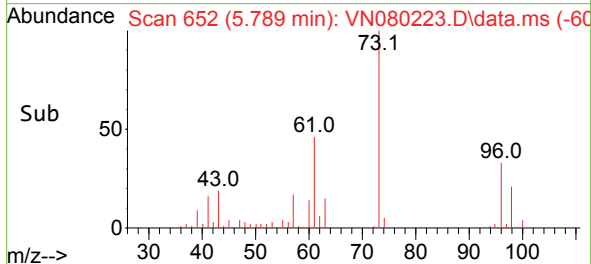
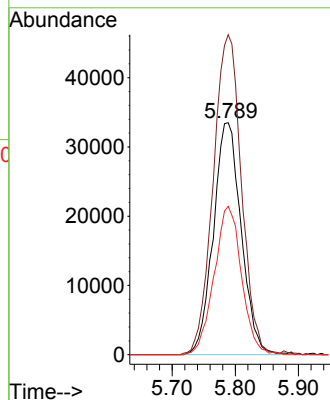
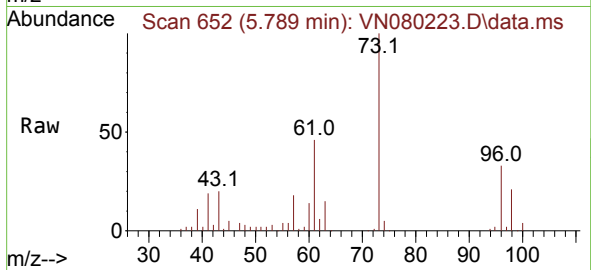




#21
trans-1,2-Dichloroethene
Concen: 46.559 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

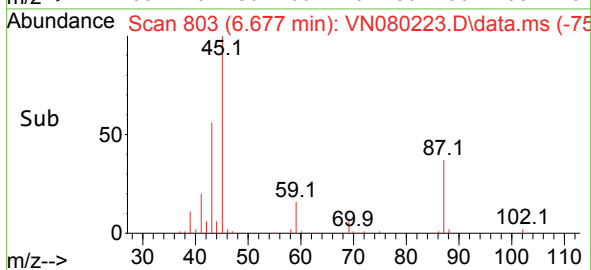
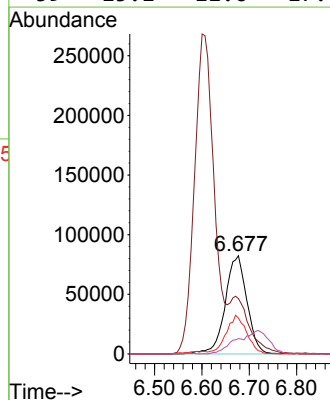
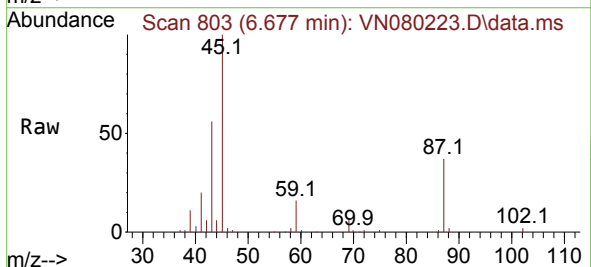
Instrument :
MSVOA_N
ClientSampleId :

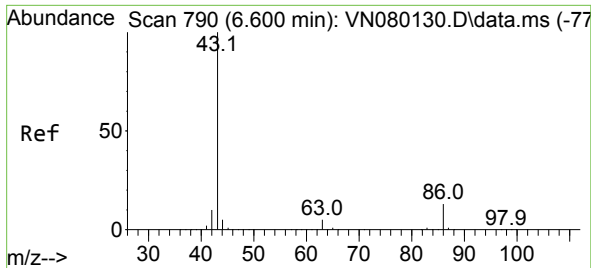
Tgt Ion: 96 Resp: 102486
Ion Ratio Lower Upper
96 100
61 138.0 90.1 135.1#
98 64.0 46.4 69.6



#22
Diisopropyl ether
Concen: 47.082 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion: 45 Resp: 262599
Ion Ratio Lower Upper
45 100
43 54.7 45.5 68.3
87 36.6 31.8 47.8
59 15.1 11.6 17.4

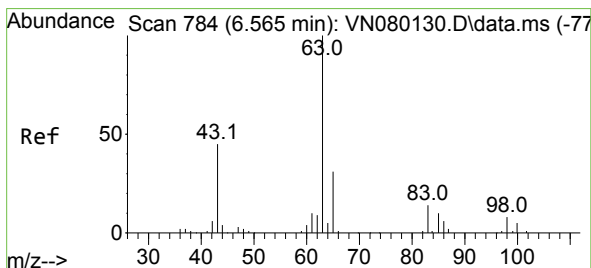
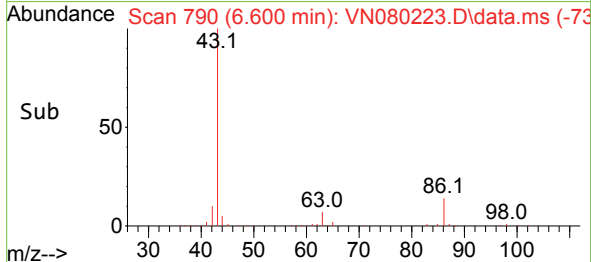
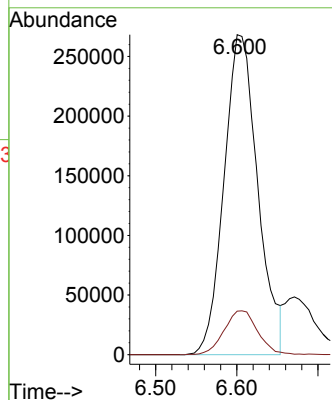
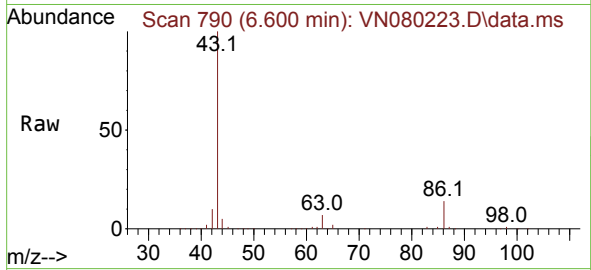




#23
 Vinyl Acetate
 Concen: 231.638 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

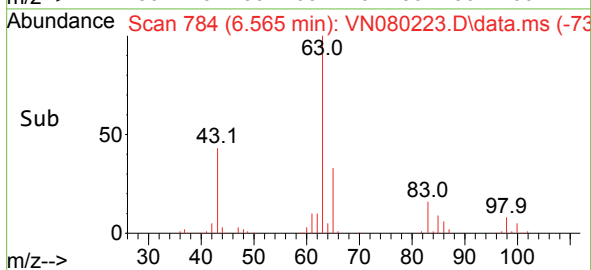
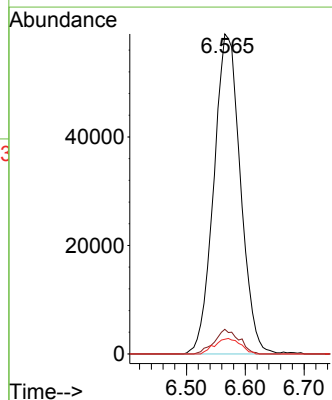
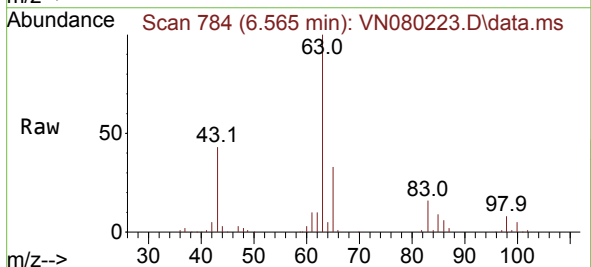
Instrument :
 MSVOA_N
 ClientSampleId :

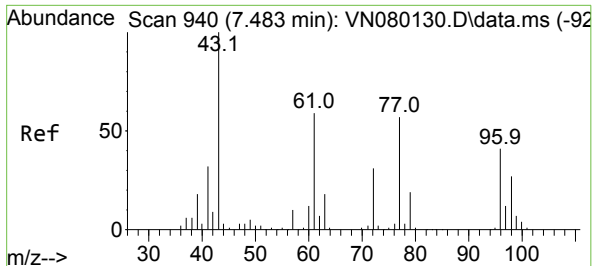
Tgt Ion: 43 Resp: 776704
 Ion Ratio Lower Upper
 43 100
 86 13.6 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 45.666 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

Tgt Ion: 63 Resp: 185508
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.6 2.5 7.4

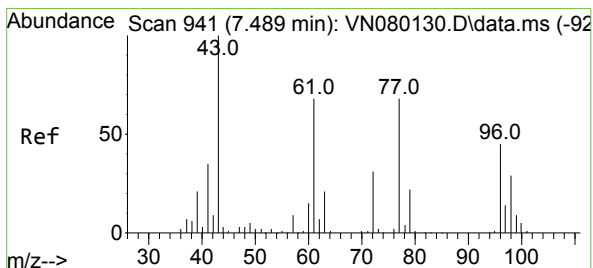
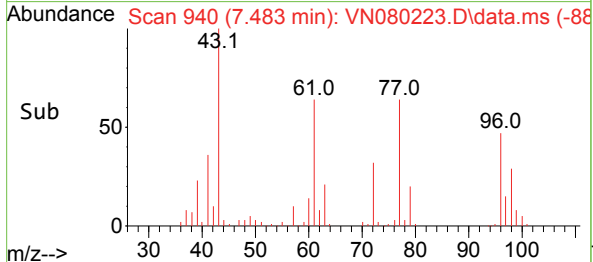
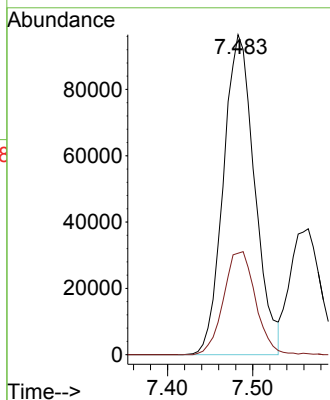
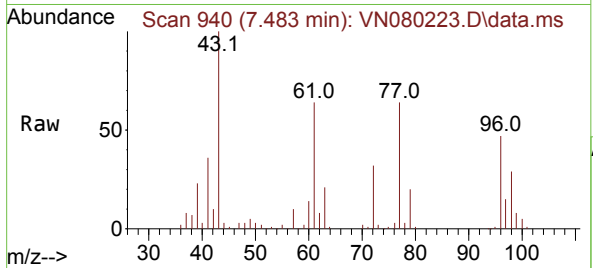




#25
2-Butanone
Concen: 197.273 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

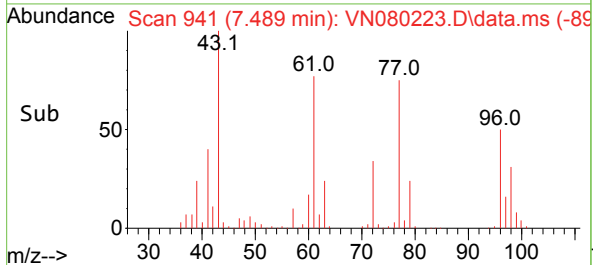
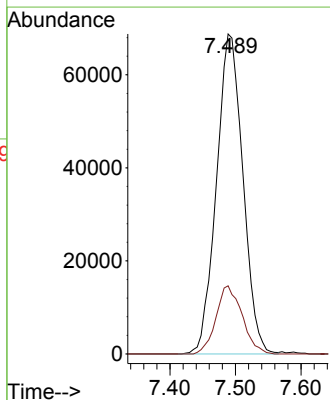
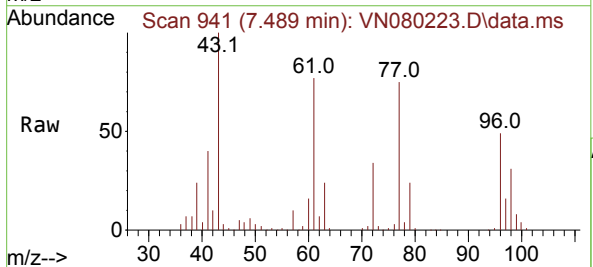
Instrument :
MSVOA_N
ClientSampleId :

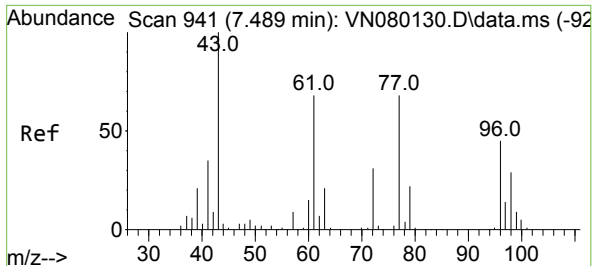
Tgt Ion: 43 Resp: 246422
Ion Ratio Lower Upper
43 100
72 31.7 30.2 45.2



#26
2,2-Dichloropropane
Concen: 47.808 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion: 77 Resp: 192677
Ion Ratio Lower Upper
77 100
97 21.0 11.2 33.6

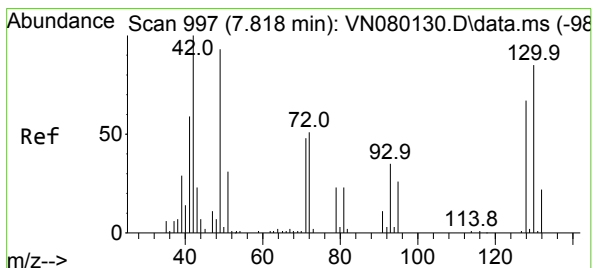
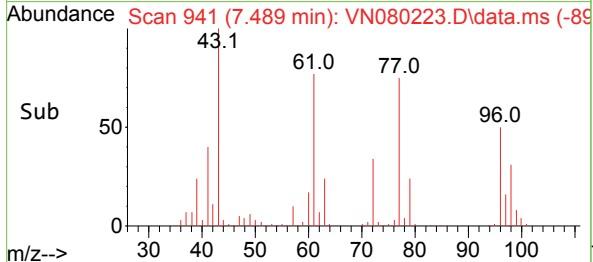
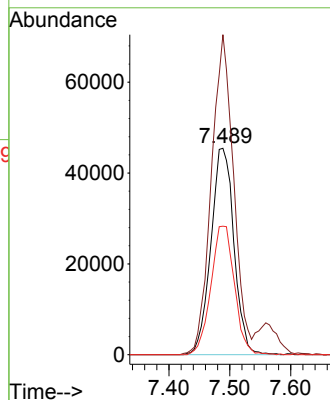
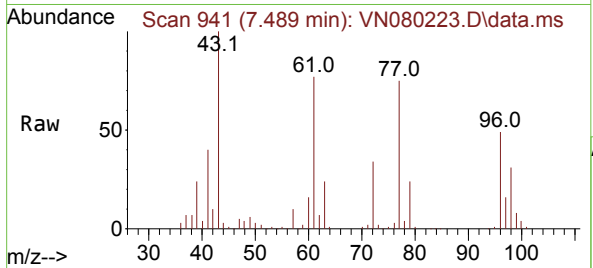




#27
 cis-1,2-Dichloroethene
 Concen: 47.938 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

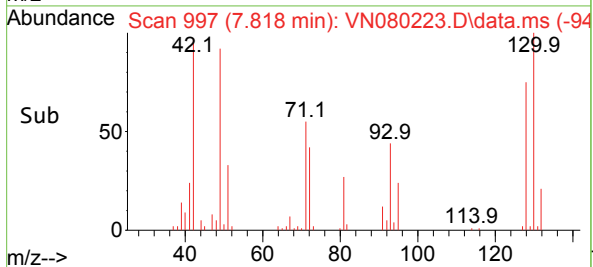
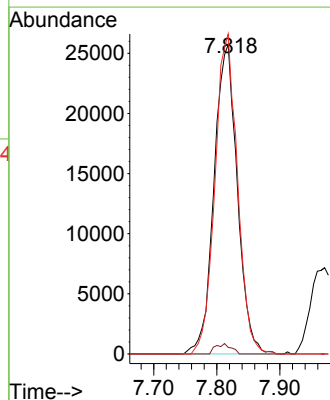
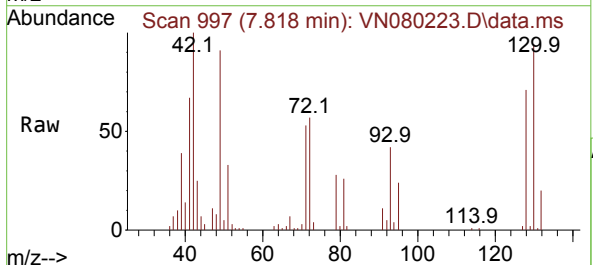
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 119637
 Ion Ratio Lower Upper
 96 100
 61 149.2 0.0 255.2
 98 63.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 41.228 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

Tgt Ion: 49 Resp: 65841
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 99.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 230.728 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

ClientSampleId :

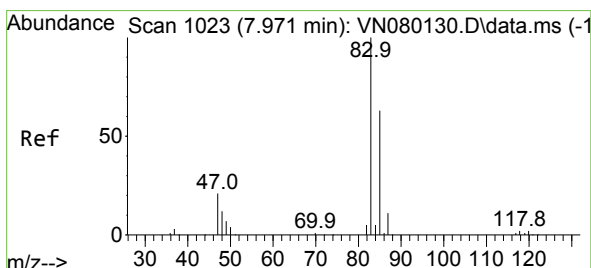
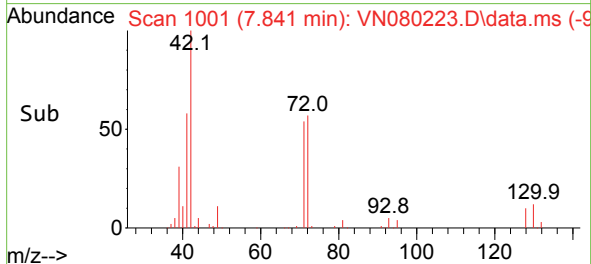
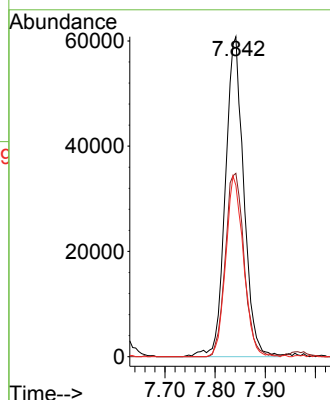
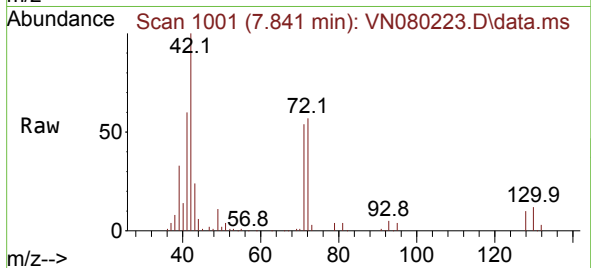
Tgt Ion: 42 Resp: 154734

Ion Ratio Lower Upper

42 100

72 58.8 49.8 74.6

71 54.7 47.4 71.2



#30

Chloroform

Concen: 50.818 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080223.D

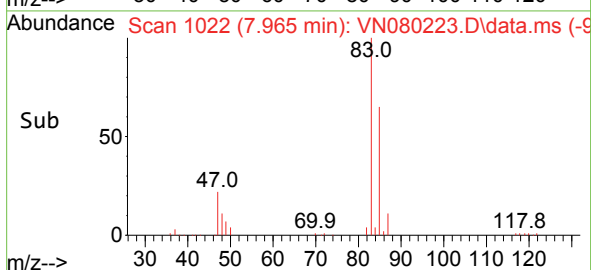
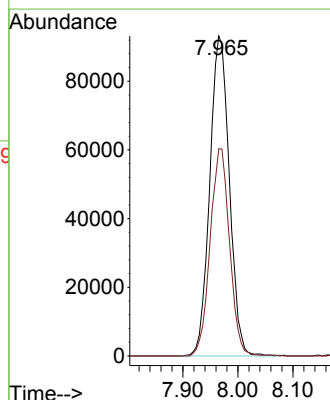
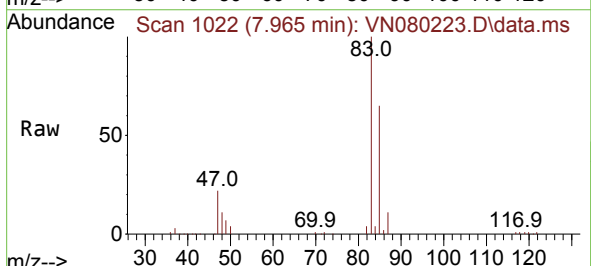
Acq: 20 Nov 2023 21:20

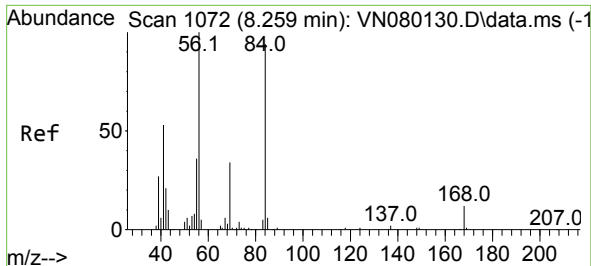
Tgt Ion: 83 Resp: 230735

Ion Ratio Lower Upper

83 100

85 64.8 55.4 83.0

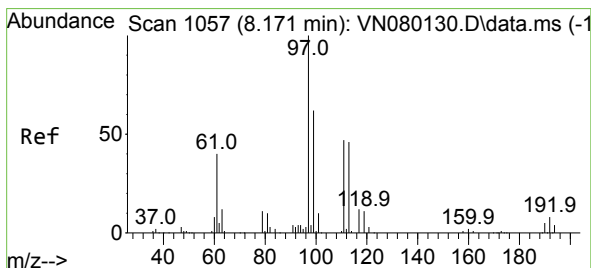
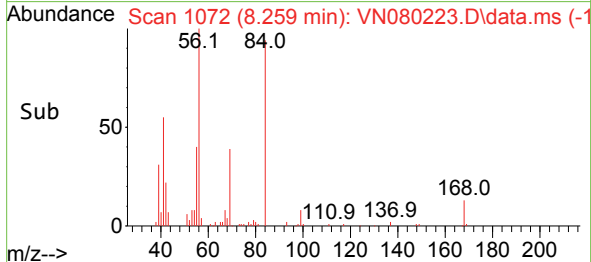
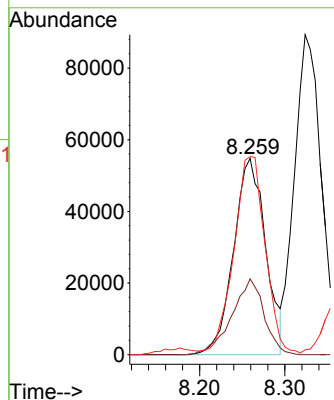
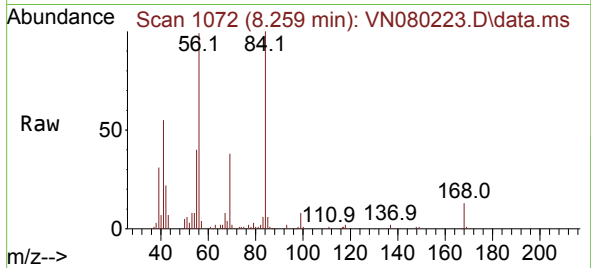




#31
Cyclohexane
Concen: 42.195 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

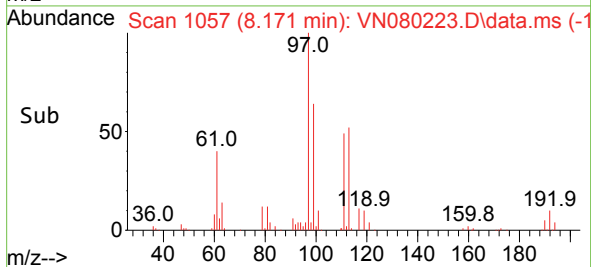
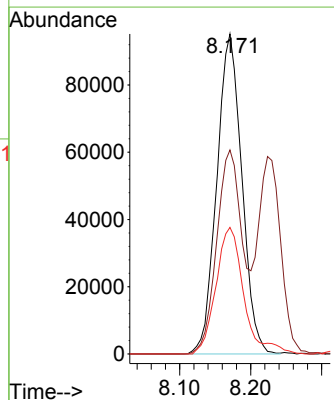
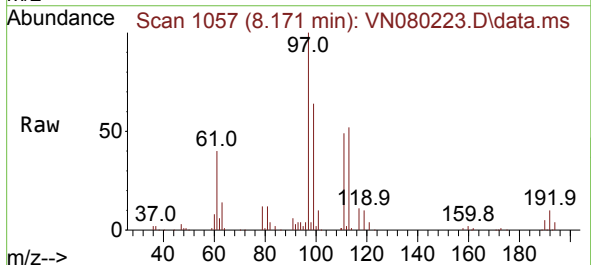
Instrument :
MSVOA_N
ClientSampleId :

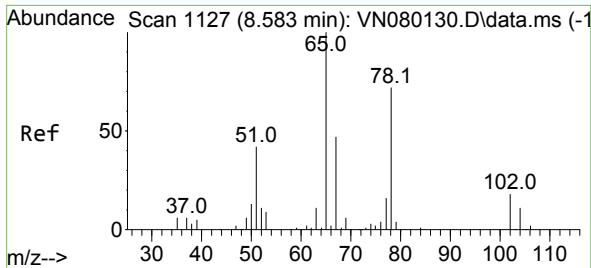
Tgt Ion: 56 Resp: 143640
Ion Ratio Lower Upper
56 100
69 38.6 26.8 40.2
84 97.6 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 52.625 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion: 97 Resp: 233020
Ion Ratio Lower Upper
97 100
99 65.9 50.3 75.5
61 43.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.295 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

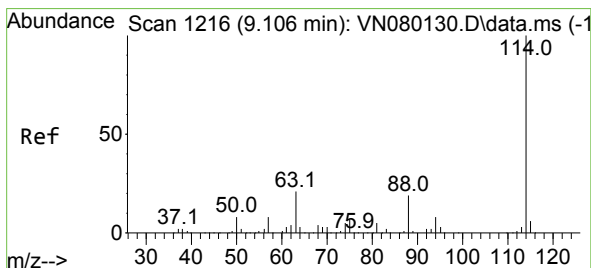
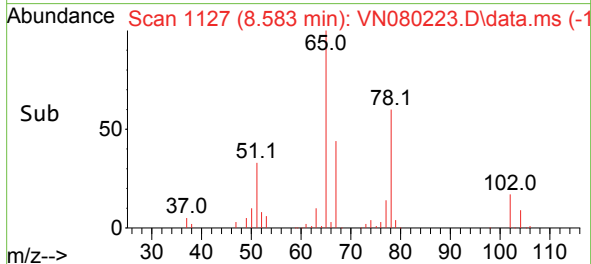
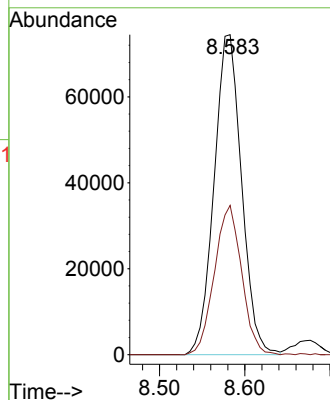
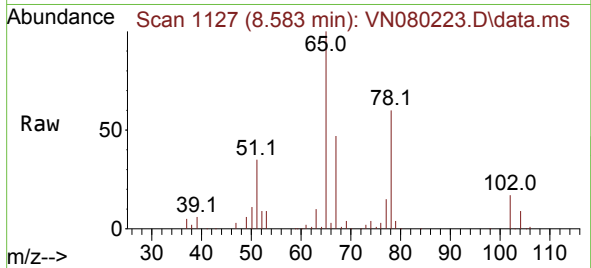
ClientSampleId :

Tgt Ion: 65 Resp: 166826

Ion Ratio Lower Upper

65 100

67 46.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

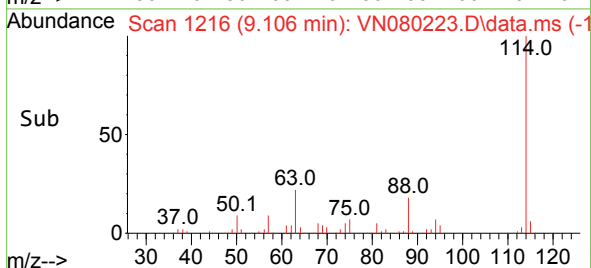
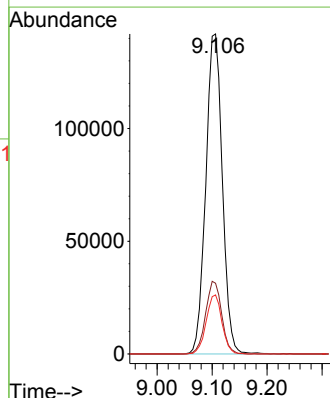
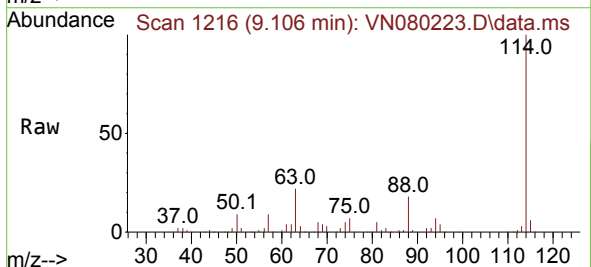
Tgt Ion: 114 Resp: 296759

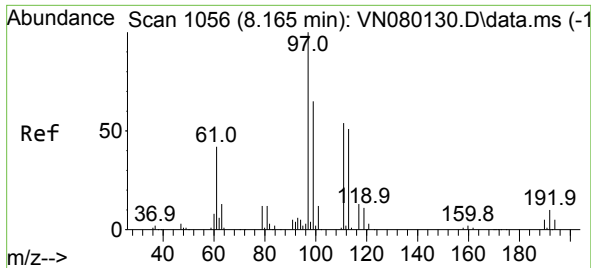
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 18.5 0.0 30.6

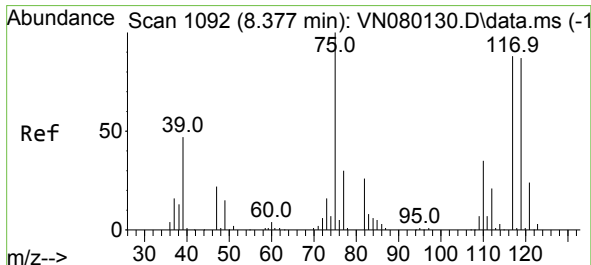
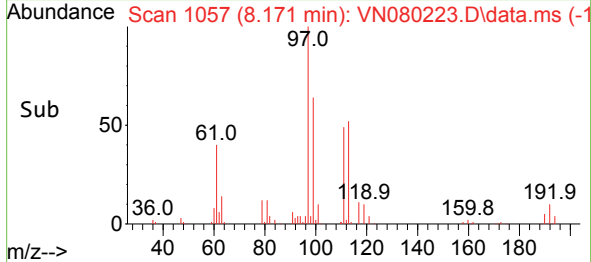
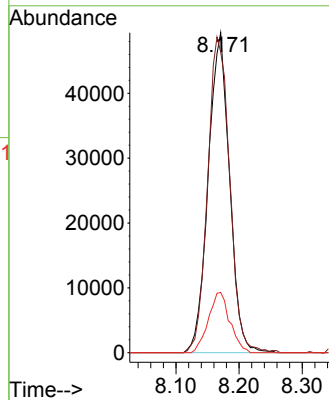
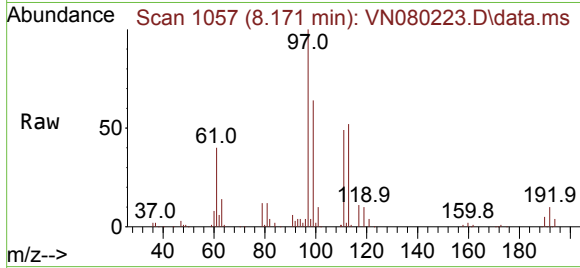




#35
Dibromofluoromethane
Concen: 52.849 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

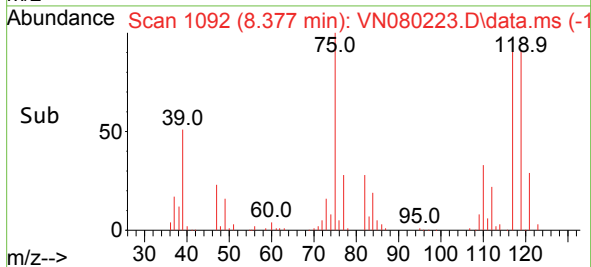
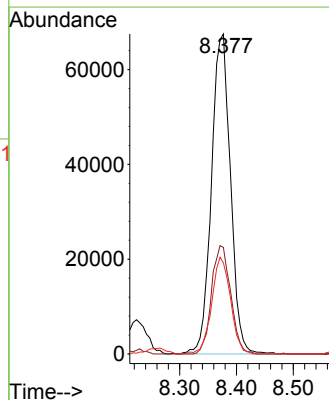
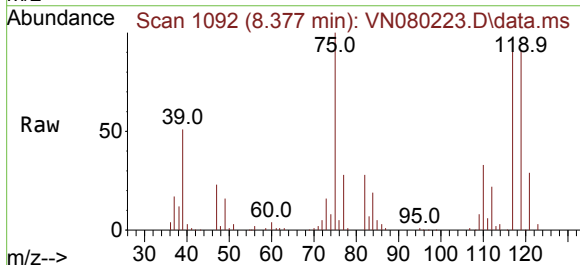
Instrument :
MSVOA_N
ClientSampleId :

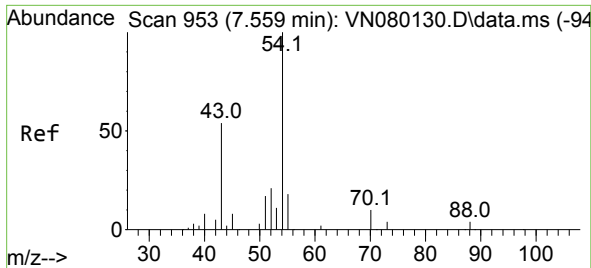
Tgt Ion:113 Resp: 115723
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 19.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 49.480 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion: 75 Resp: 156863
Ion Ratio Lower Upper
75 100
110 33.9 19.1 57.3
77 29.9 25.0 37.4





#37

Ethyl Acetate

Concen: 44.133 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080223.D

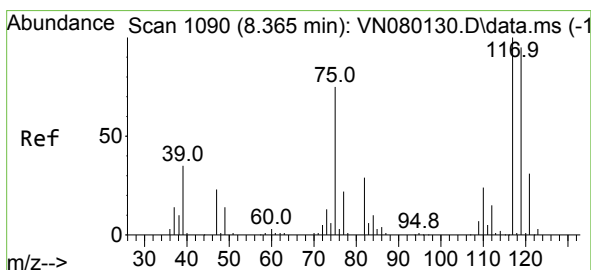
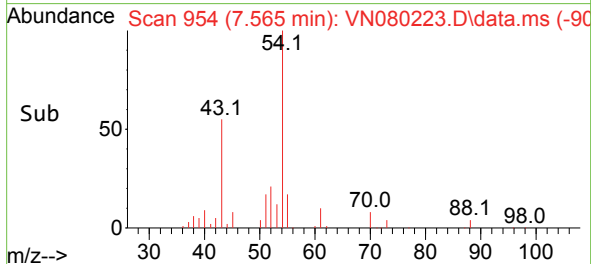
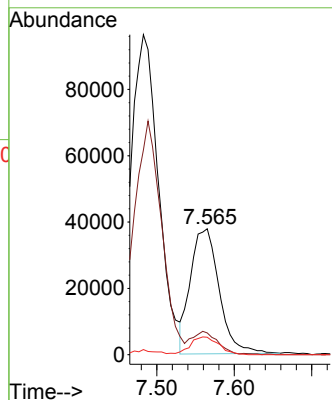
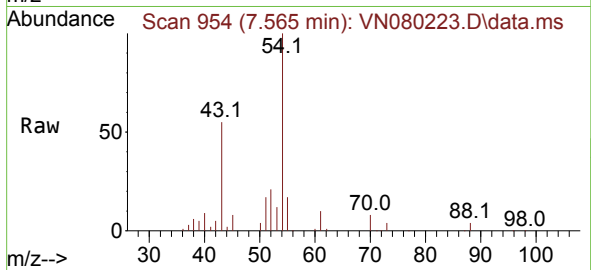
Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	97048
Ion	Ratio	Lower	Upper
43	100		
61	17.2	13.2	19.8
70	13.9	11.3	16.9



#38

Carbon Tetrachloride

Concen: 54.623 ug/l

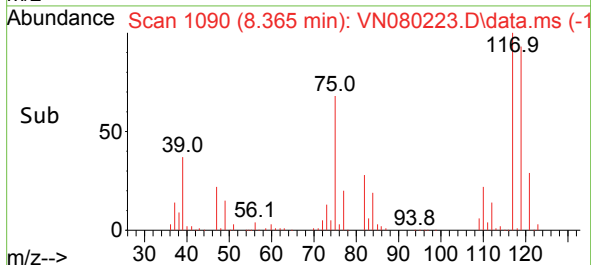
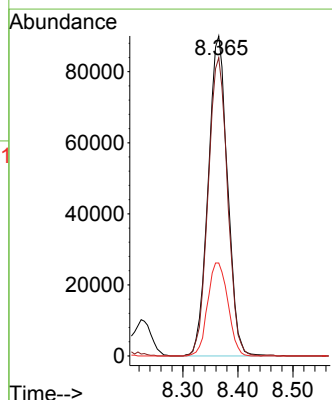
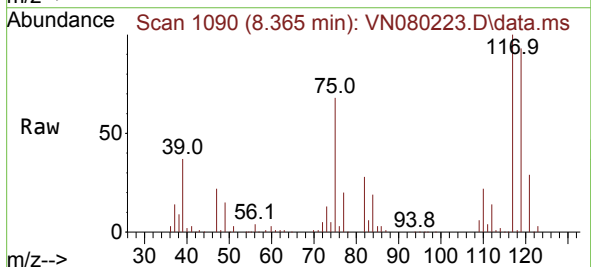
RT: 8.365 min Scan# 1090

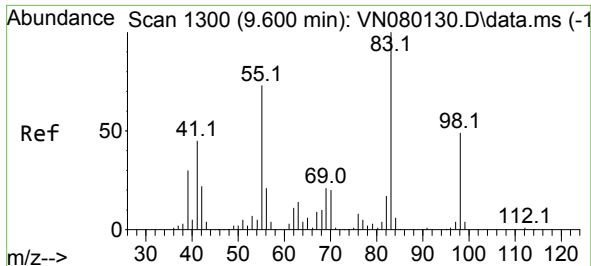
Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Tgt Ion:	117	Resp:	219750
Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.3	115.9
121	29.0	23.3	34.9





#39

Methylcyclohexane

Concen: 48.829 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

ClientSampleId :

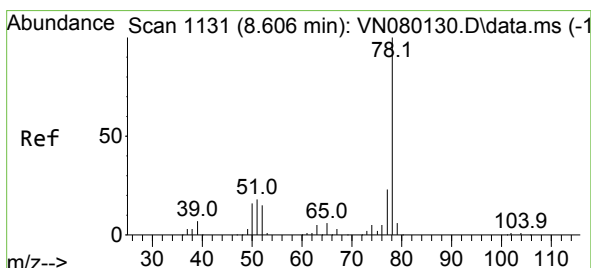
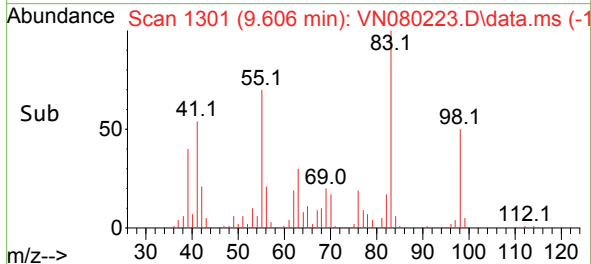
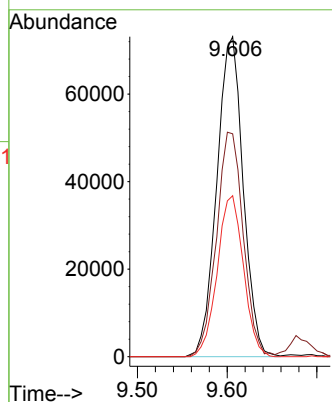
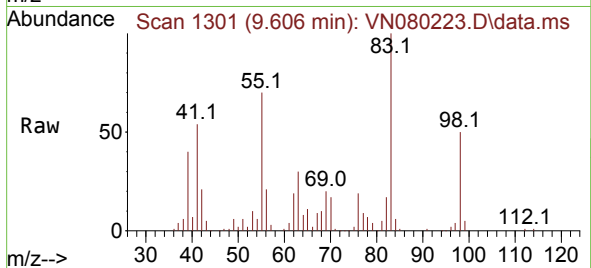
Tgt Ion: 83 Resp: 149259

Ion Ratio Lower Upper

83 100

55 69.7 49.1 73.7

98 50.3 40.6 61.0



#40

Benzene

Concen: 47.821 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN080223.D

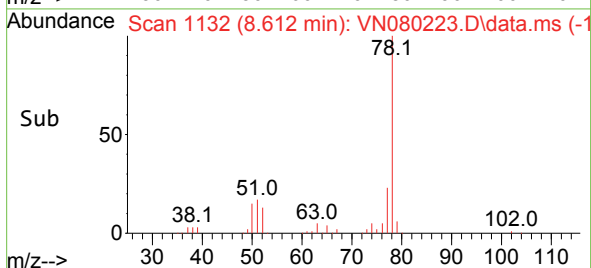
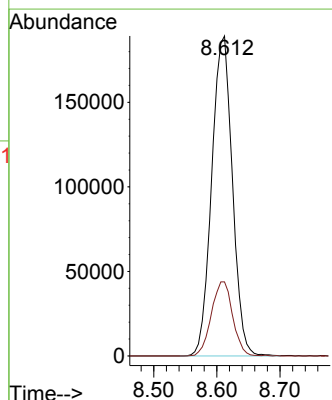
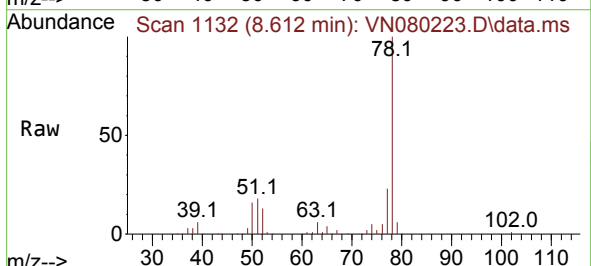
Acq: 20 Nov 2023 21:20

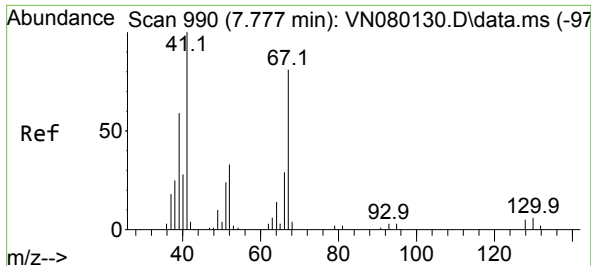
Tgt Ion: 78 Resp: 430873

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

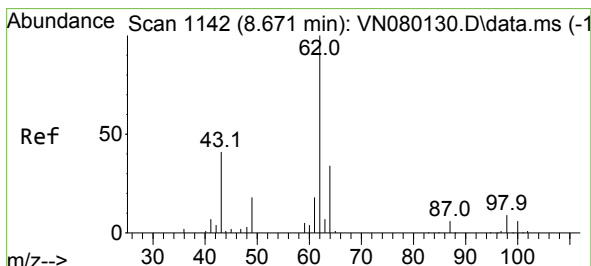
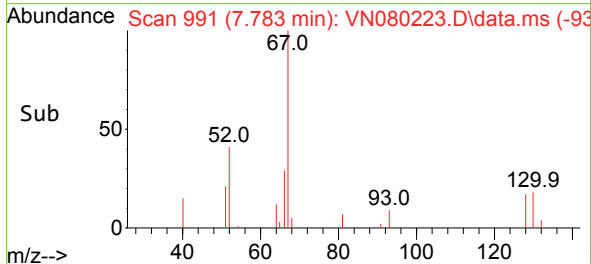
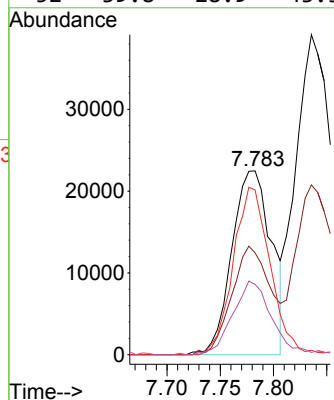
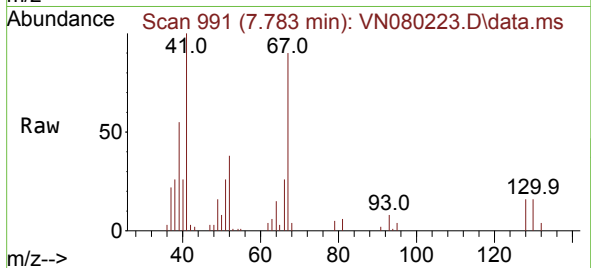




#41
Methacrylonitrile
Concen: 48.177 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

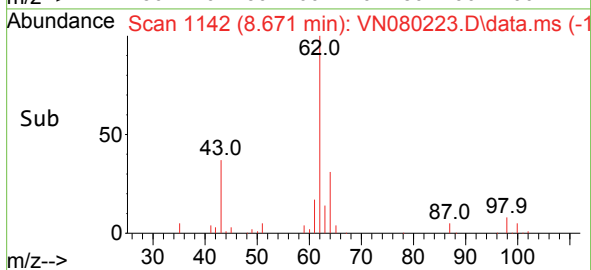
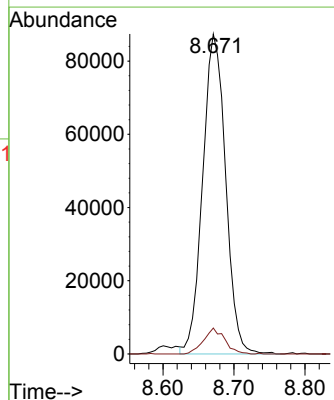
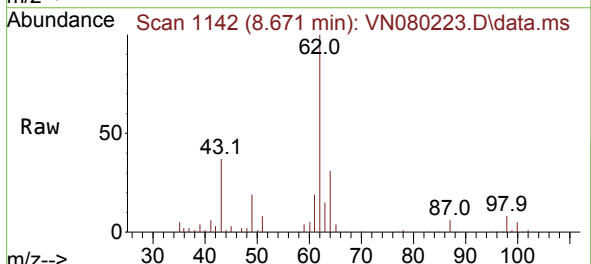
Instrument :
MSVOA_N
ClientSampleId :

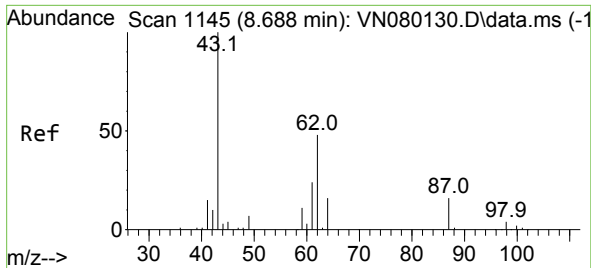
Tgt Ion: 41	Resp: 58179
Ion Ratio	Lower Upper
41 100	
39 57.5	42.6 64.0
67 84.9	77.5 116.3
52 39.8	28.9 43.3



#42
1,2-Dichloroethane
Concen: 53.252 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion: 62	Resp: 196300
Ion Ratio	Lower Upper
62 100	
98 7.5	0.0 19.8

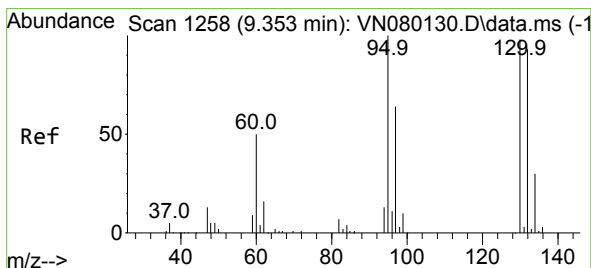
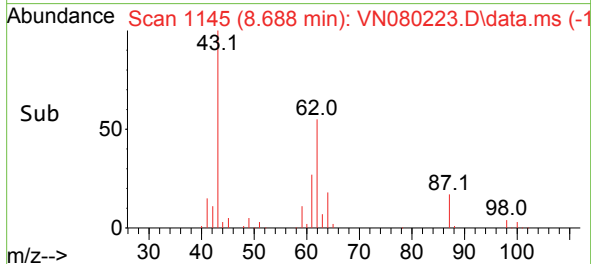
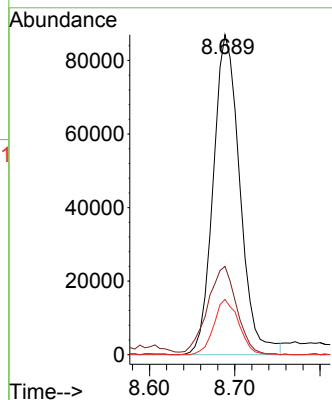
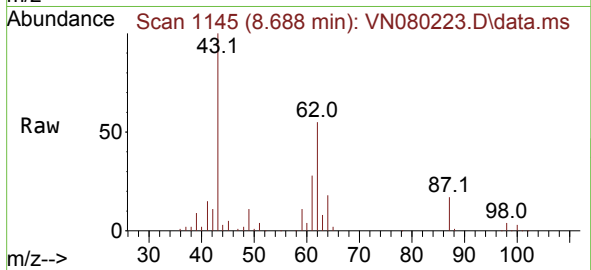




#43
Isopropyl Acetate
Concen: 44.216 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

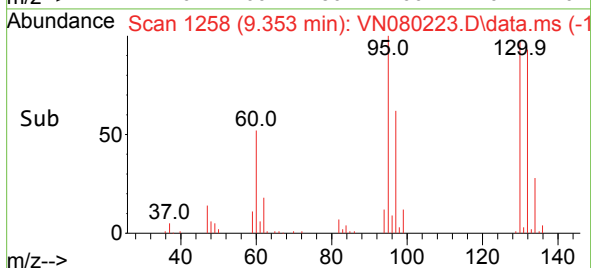
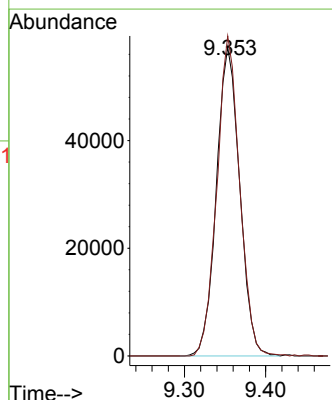
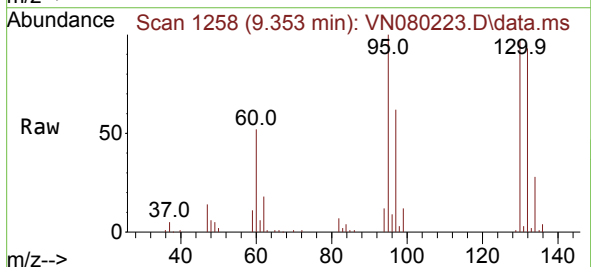
Instrument :
MSVOA_N
ClientSampleId :

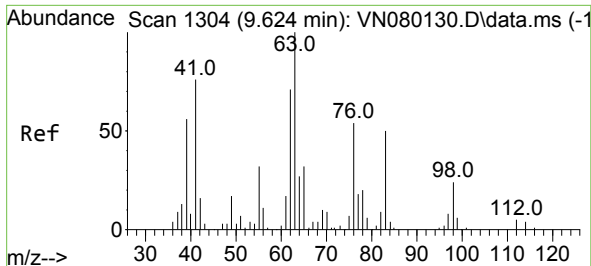
Tgt Ion: 43 Resp: 189209
Ion Ratio Lower Upper
43 100
61 30.3 24.7 37.1
87 16.2 14.6 21.8



#44
Trichloroethene
Concen: 48.430 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion:130 Resp: 114464
Ion Ratio Lower Upper
130 100
95 103.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 47.212 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

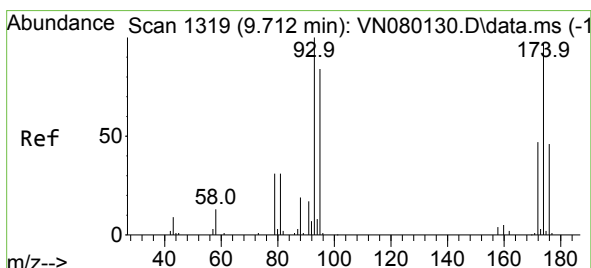
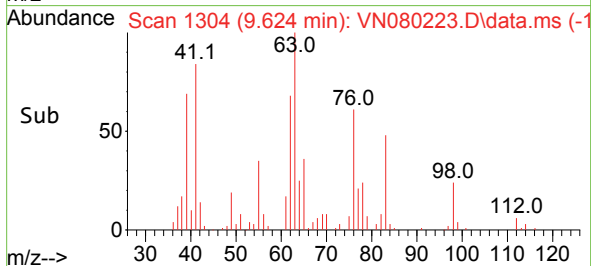
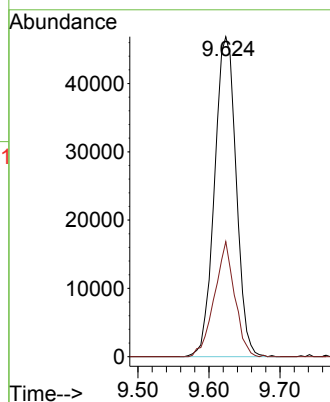
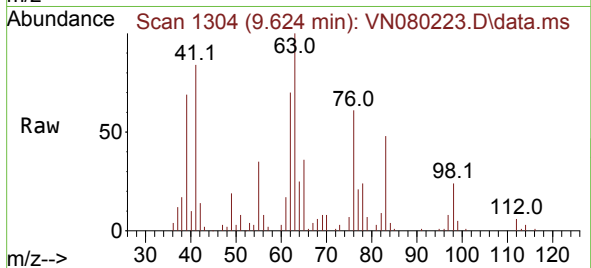
ClientSampleId :

Tgt Ion: 63 Resp: 98857

Ion Ratio Lower Upper

63 100

65 36.0 23.9 35.9#



#46

Dibromomethane

Concen: 50.905 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

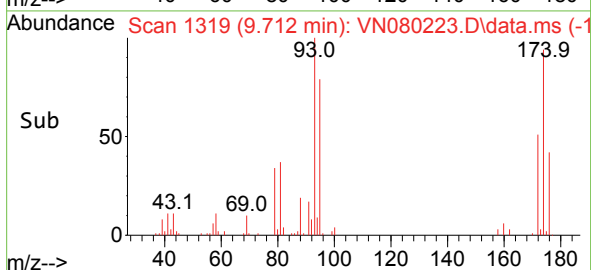
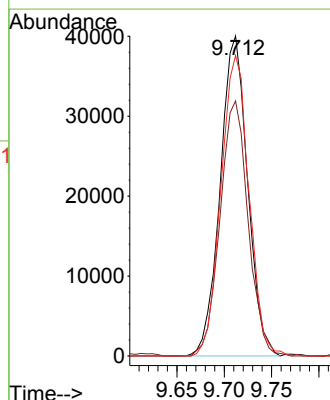
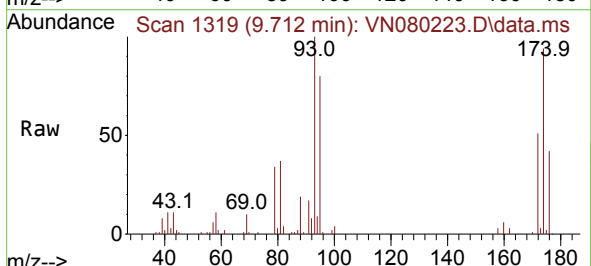
Tgt Ion: 93 Resp: 80686

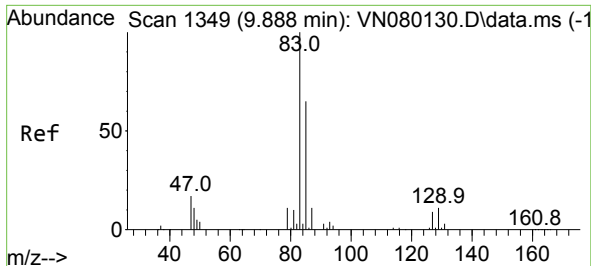
Ion Ratio Lower Upper

93 100

95 81.2 63.8 95.8

174 96.1 65.6 98.4

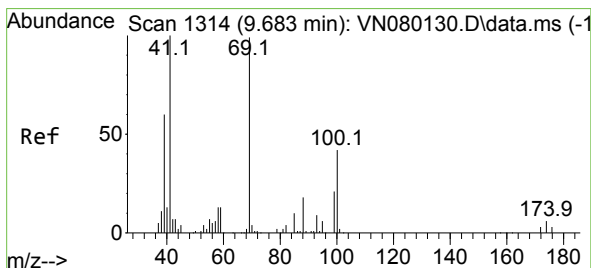
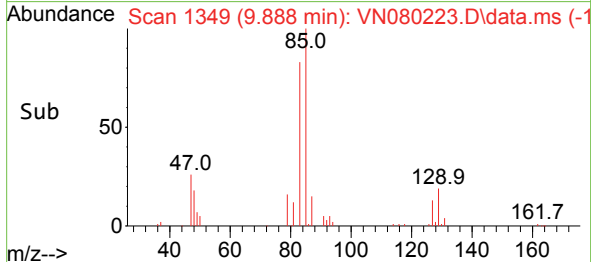
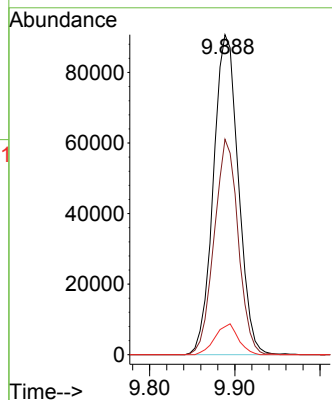
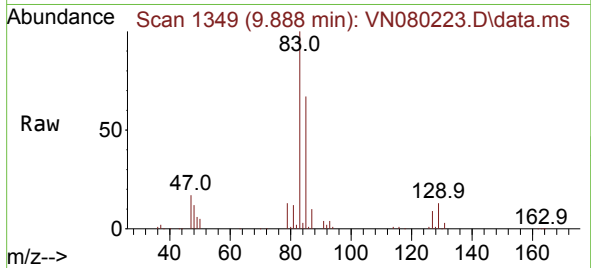




#47
Bromodichloromethane
Concen: 52.926 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

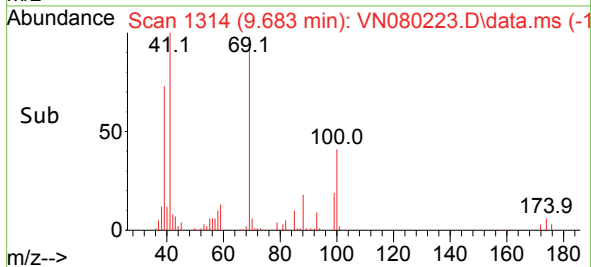
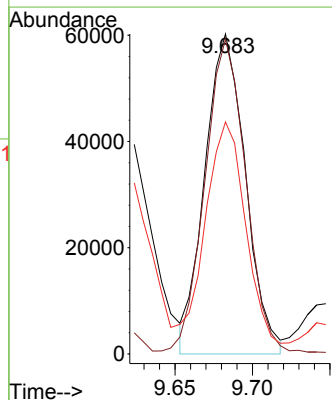
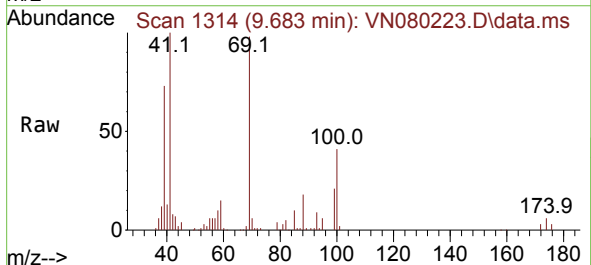
Instrument :
MSVOA_N
ClientSampleId :

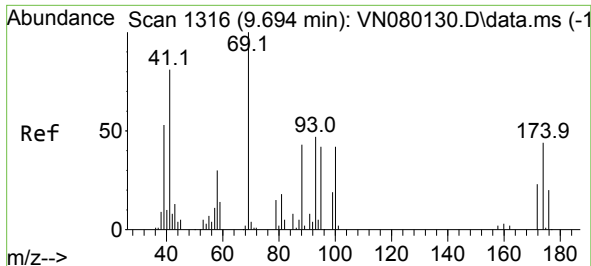
Tgt Ion: 83 Resp: 184531
Ion Ratio Lower Upper
83 100
85 67.3 49.6 74.4
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 49.810 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion: 41 Resp: 109843
Ion Ratio Lower Upper
41 100
69 99.7 90.4 135.6
39 73.1 54.6 81.8





#49

1,4-Dioxane

Concen: 926.251 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

ClientSampleId :

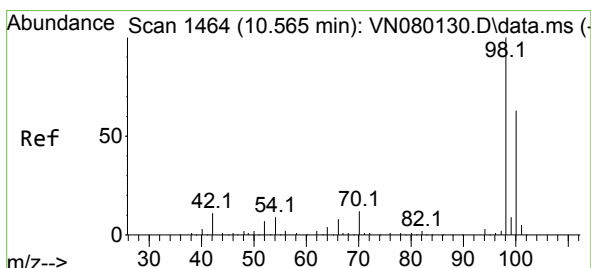
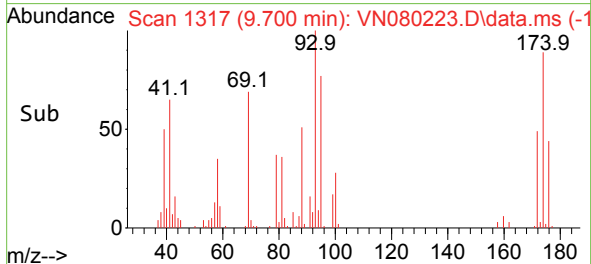
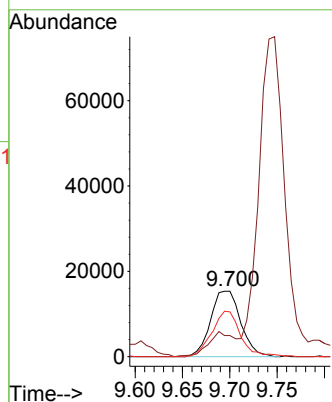
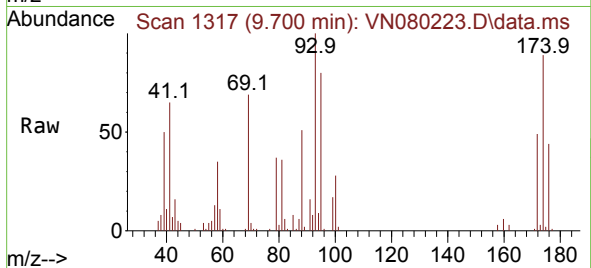
Tgt Ion: 88 Resp: 33981

Ion Ratio Lower Upper

88 100

43 31.5 17.0 25.6#

58 65.9 47.0 70.4



#50

Toluene-d8

Concen: 52.097 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080223.D

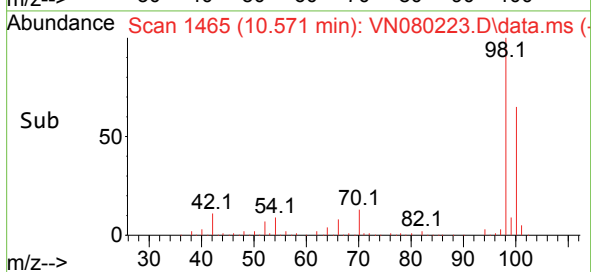
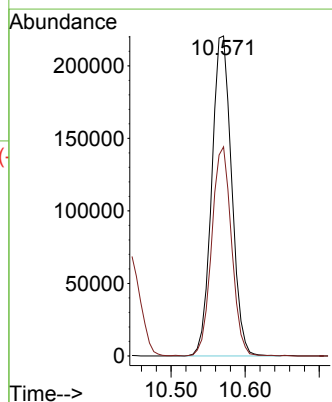
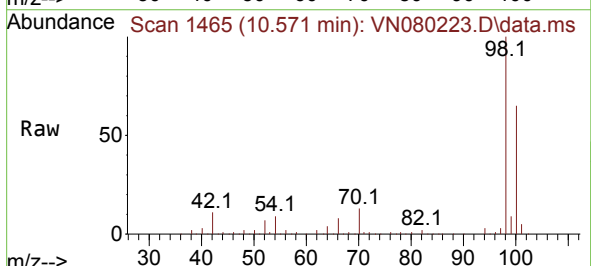
Acq: 20 Nov 2023 21:20

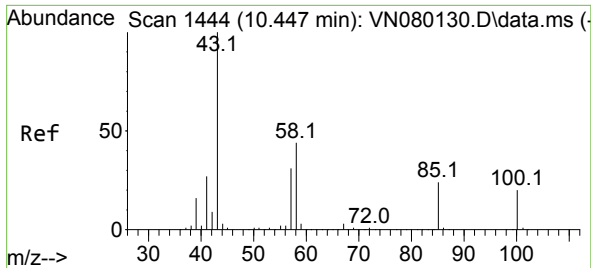
Tgt Ion: 98 Resp: 411221

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

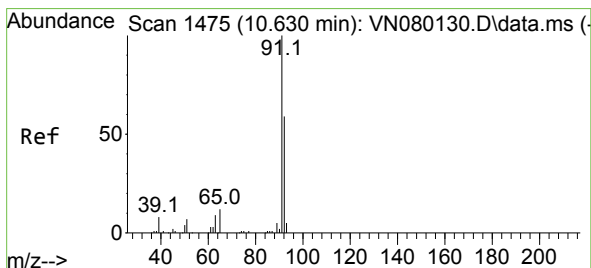
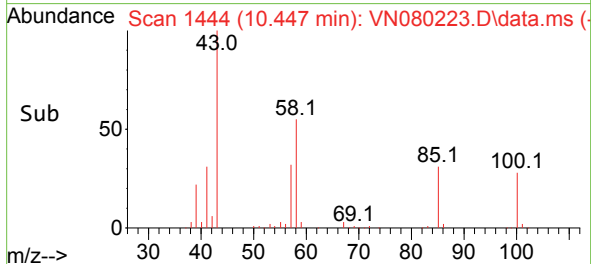
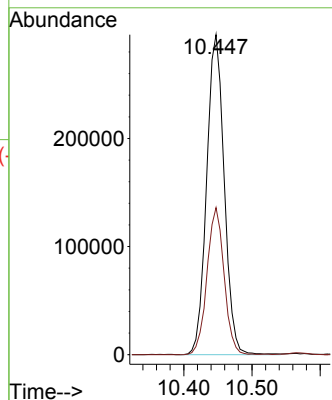
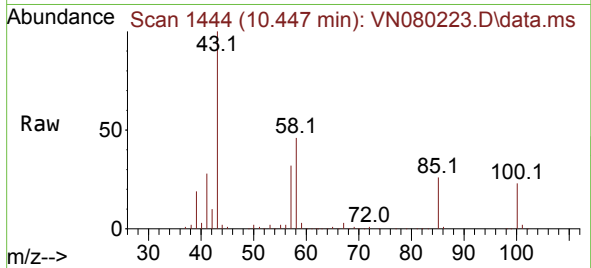




#51
 4-Methyl-2-Pentanone
 Concen: 239.731 ug/l
 RT: 10.447 min Scan# 1444
 Delta R.T. 0.000 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

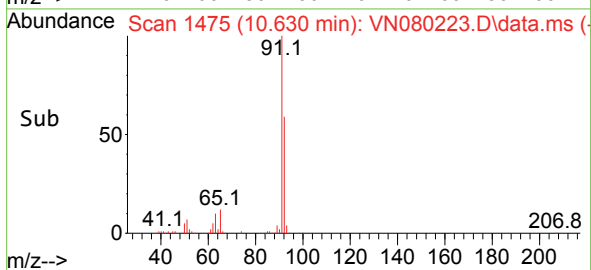
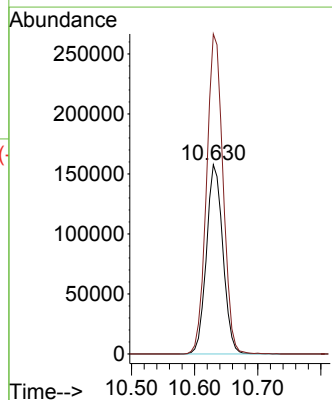
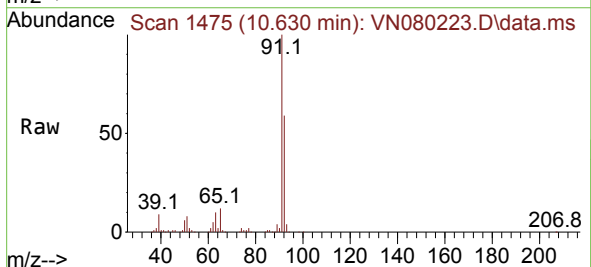
Instrument :
 MSVOA_N
 ClientSampleId :

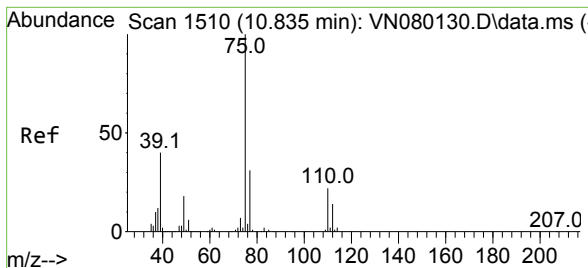
Tgt Ion: 43 Resp: 531108
 Ion Ratio Lower Upper
 43 100
 58 44.7 36.6 54.8



#52
 Toluene
 Concen: 50.645 ug/l
 RT: 10.630 min Scan# 1475
 Delta R.T. 0.000 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

Tgt Ion: 92 Resp: 285574
 Ion Ratio Lower Upper
 92 100
 91 169.3 137.4 206.0

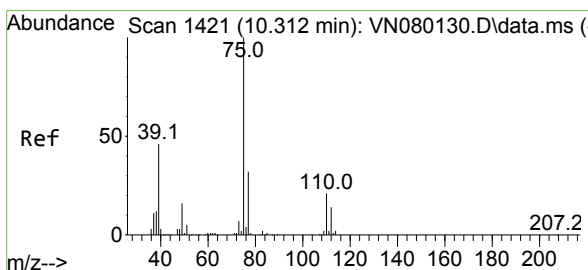
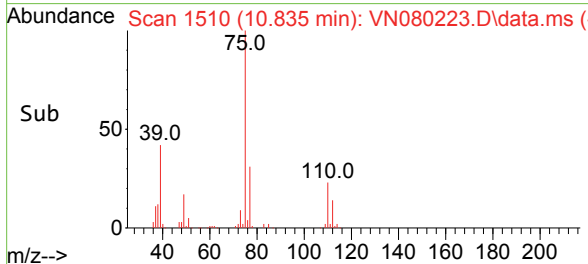
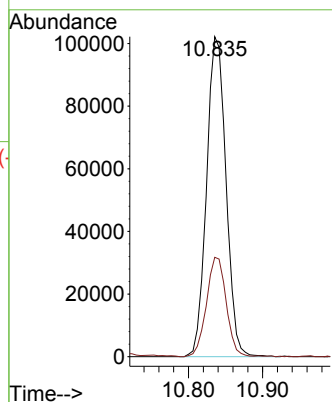
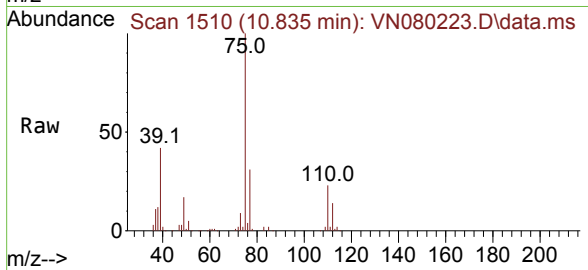




#53
 t-1,3-Dichloropropene
 Concen: 51.890 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

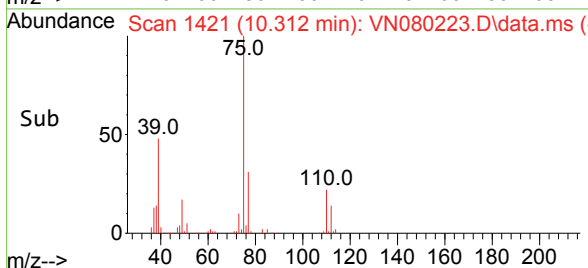
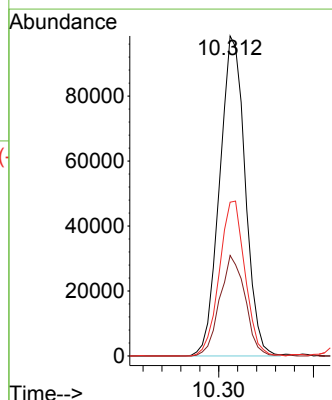
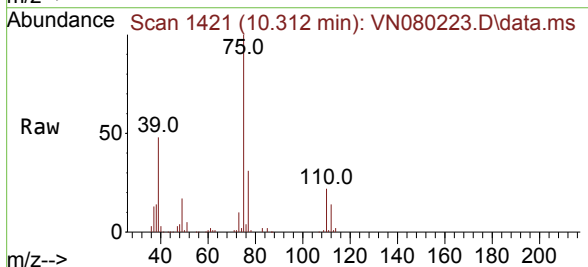
Instrument :
 MSVOA_N
 ClientSampleId :

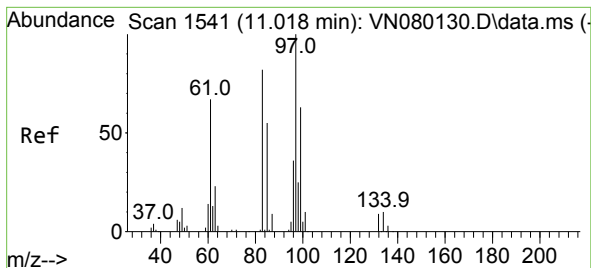
Tgt Ion: 75 Resp: 185879
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.440 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

Tgt Ion: 75 Resp: 184599
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.1 39.1
 39 48.1 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 49.875 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 107339

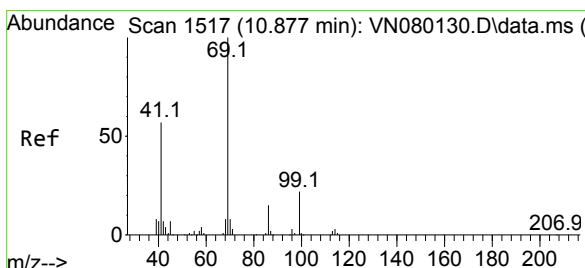
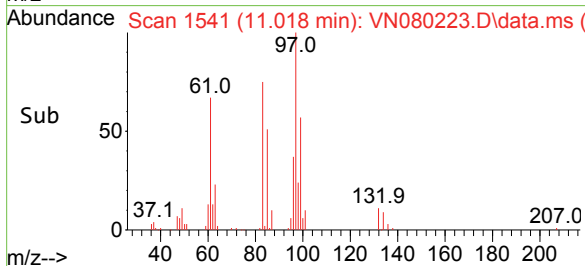
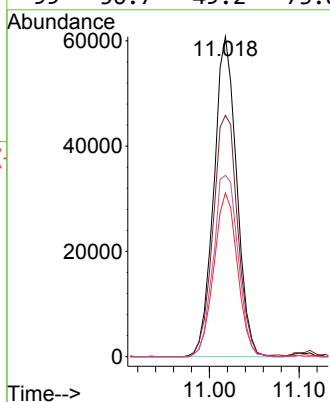
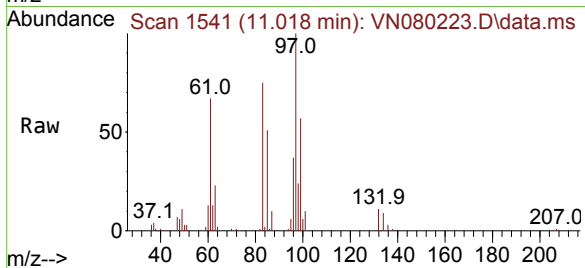
Ion Ratio Lower Upper

97 100

83 75.4 65.1 97.7

85 51.1 43.4 65.2

99 56.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 53.525 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

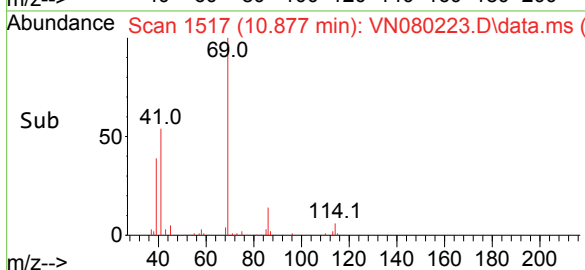
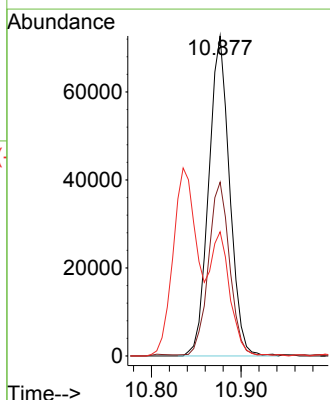
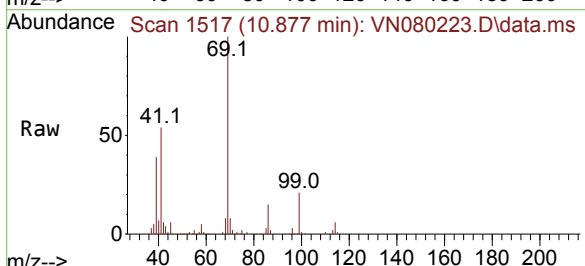
Tgt Ion: 69 Resp: 117681

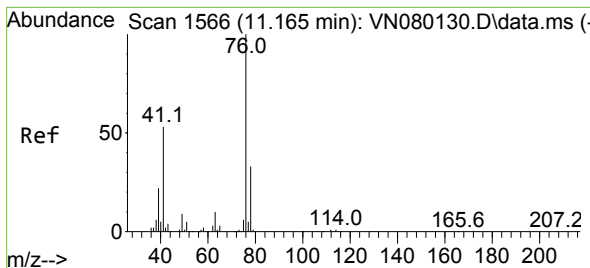
Ion Ratio Lower Upper

69 100

41 54.1 39.6 59.4

39 36.7 28.6 43.0





#57

1,3-Dichloropropane

Concen: 49.605 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

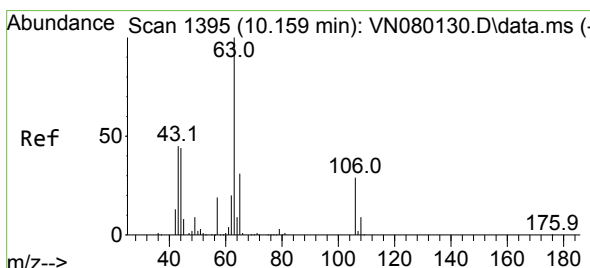
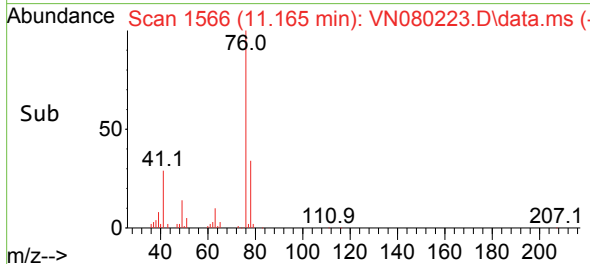
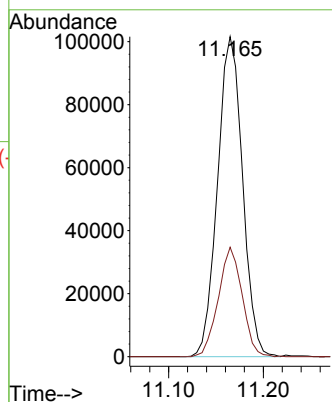
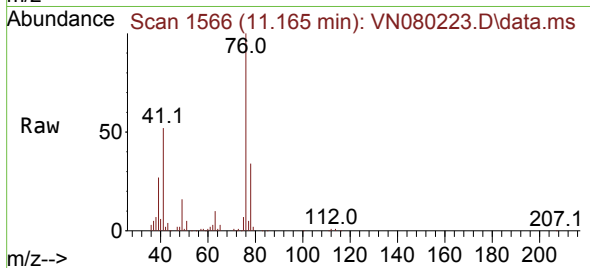
ClientSampleId :

Tgt Ion: 76 Resp: 186395

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 258.003 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080223.D

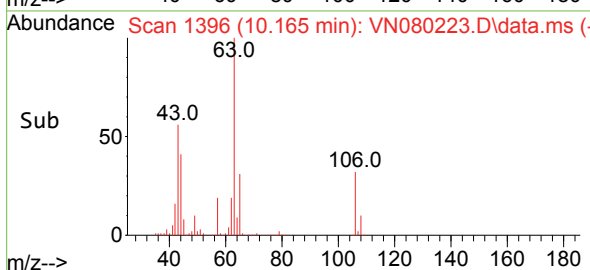
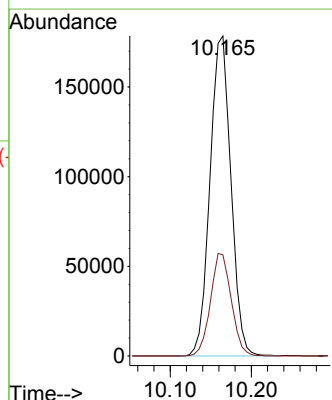
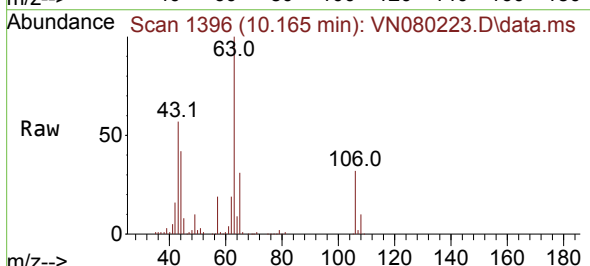
Acq: 20 Nov 2023 21:20

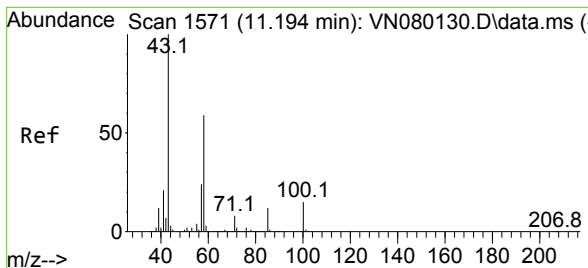
Tgt Ion: 63 Resp: 319571

Ion Ratio Lower Upper

63 100

106 31.8 26.2 39.4

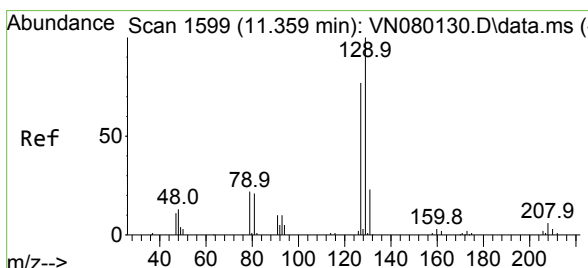
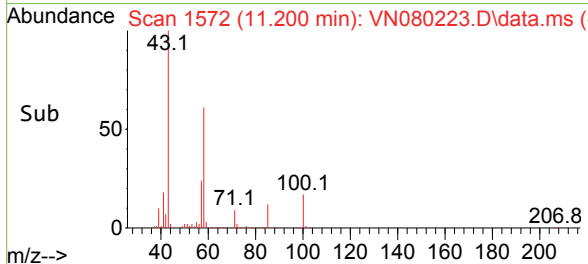
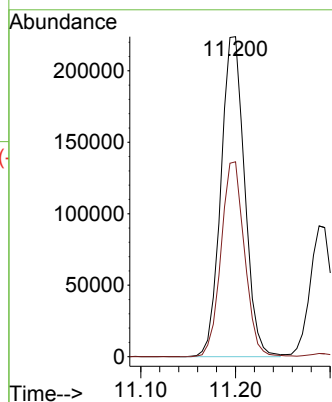
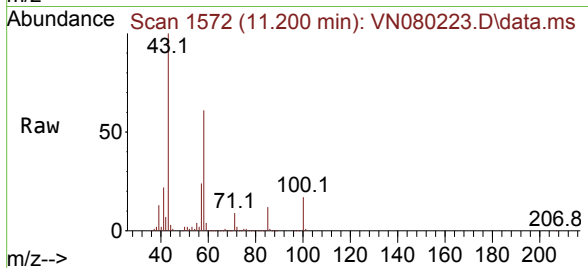




#59
2-Hexanone
Concen: 218.996 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

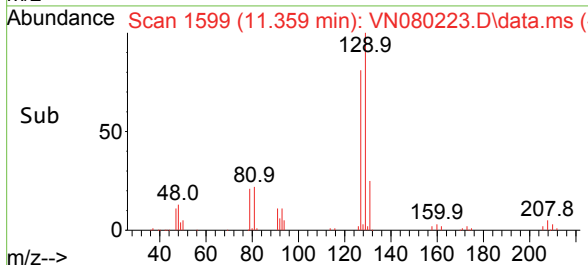
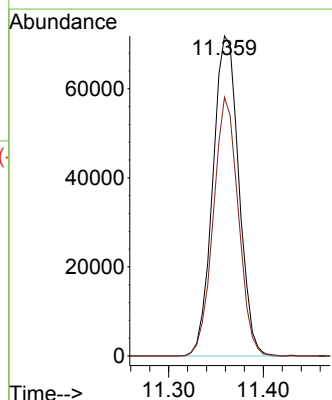
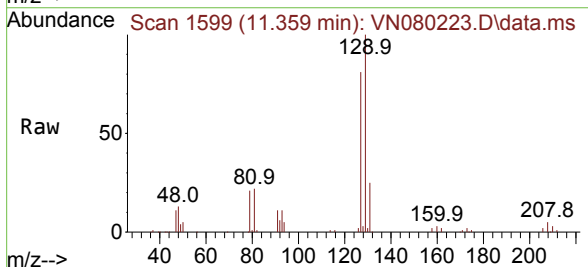
Instrument :
MSVOA_N
ClientSampleId :

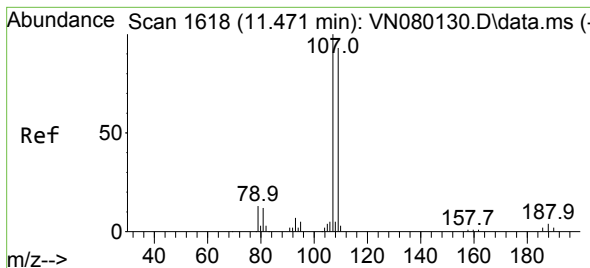
Tgt Ion: 43 Resp: 389863
Ion Ratio Lower Upper
43 100
58 60.3 31.7 95.1



#60
Dibromochloromethane
Concen: 53.076 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion: 129 Resp: 136756
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0

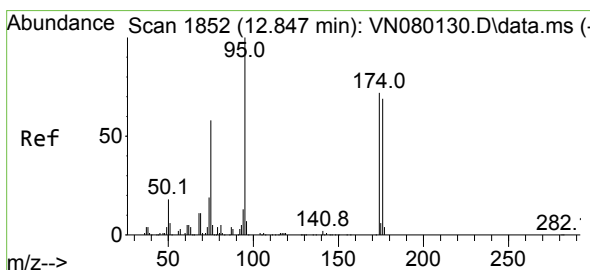
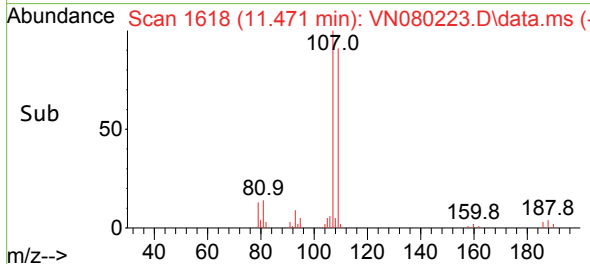
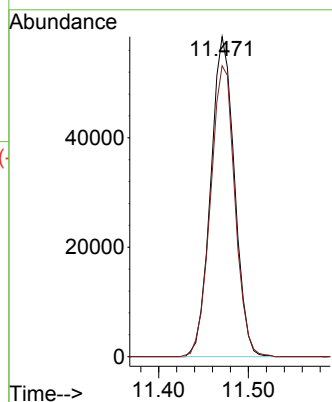
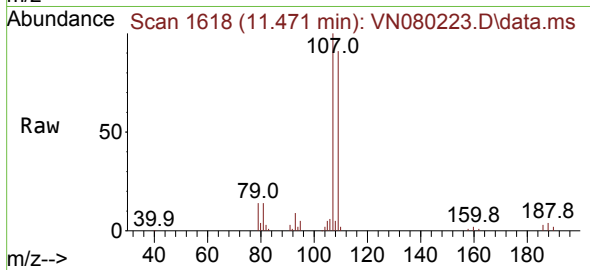




#61
 1,2-Dibromoethane
 Concen: 48.896 ug/l
 RT: 11.471 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

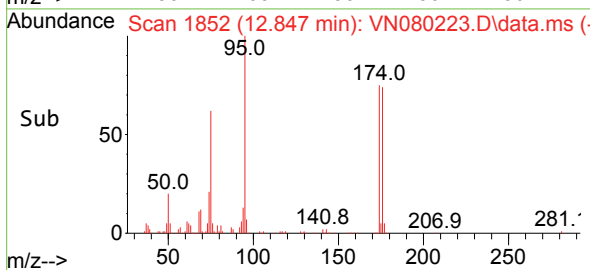
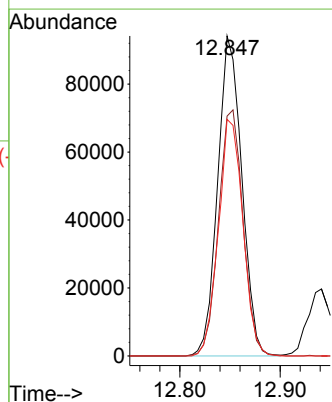
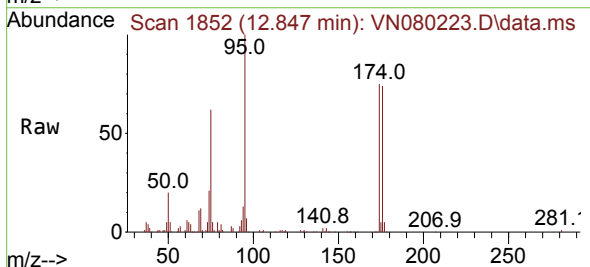
Instrument :
 MSVOA_N
 ClientSampleId :

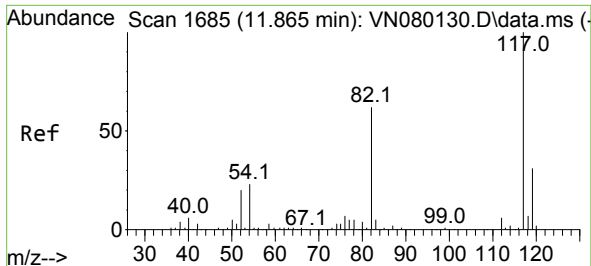
Tgt Ion:107 Resp: 107356
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 52.802 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

Tgt Ion: 95 Resp: 157426
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 143.8
 176 75.0 0.0 135.8

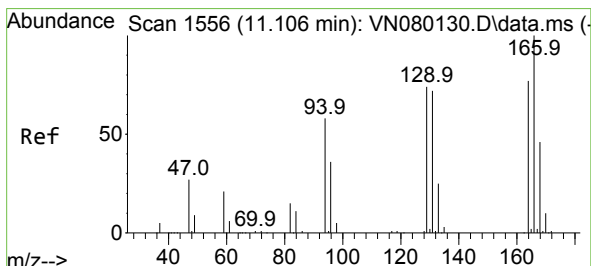
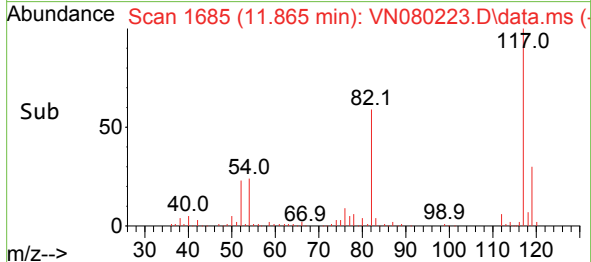
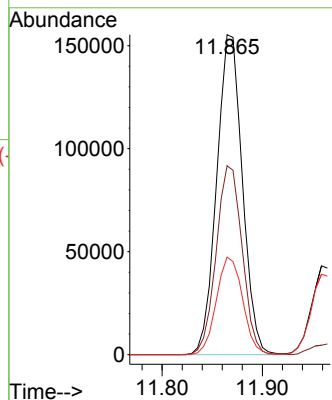
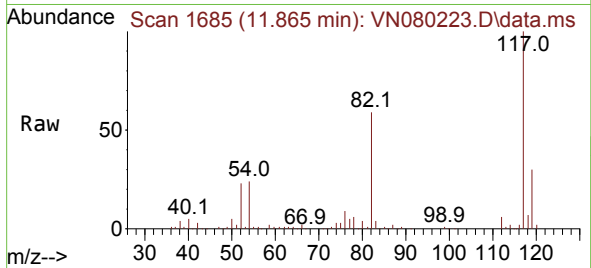




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

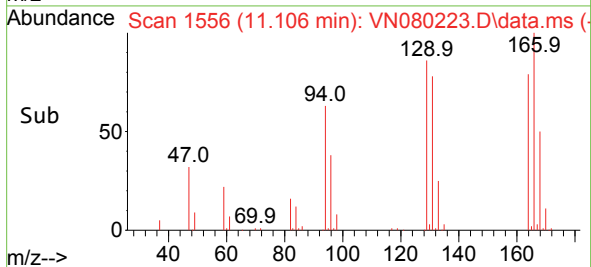
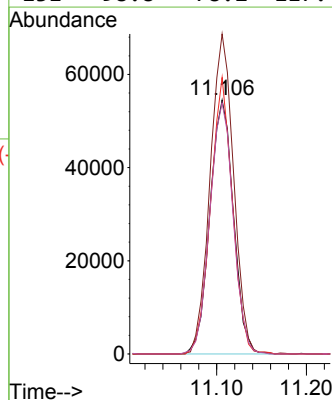
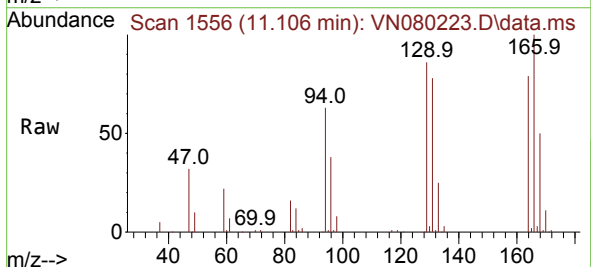
Instrument :
MSVOA_N
ClientSampleId :

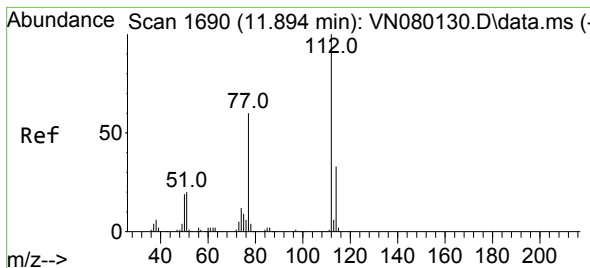
Tgt Ion:117 Resp: 275869
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 30.5 25.6 38.4



#64
Tetrachloroethene
Concen: 47.107 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion:164 Resp: 99175
Ion Ratio Lower Upper
164 100
166 126.0 101.4 152.0
129 108.8 82.4 123.6
131 98.8 78.2 117.4





#65

Chlorobenzene

Concen: 47.567 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

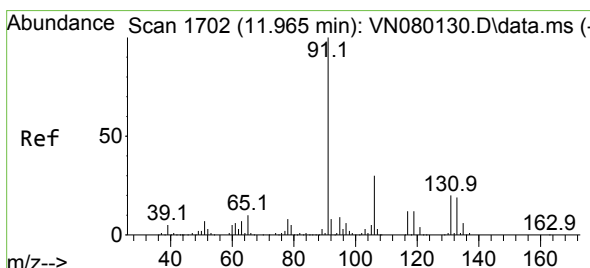
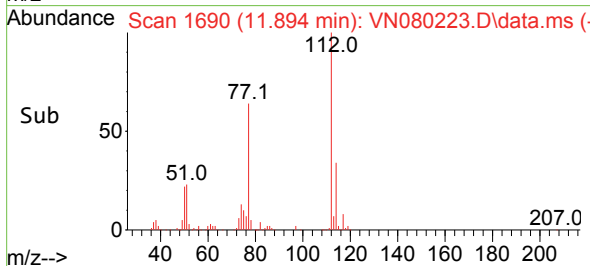
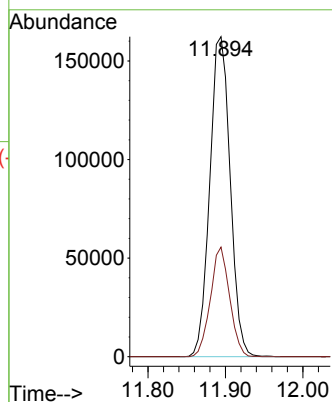
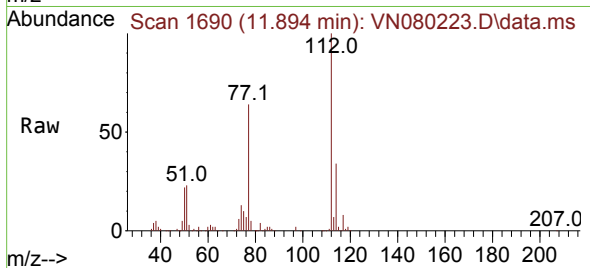
ClientSampleId :

Tgt Ion:112 Resp: 297343

Ion Ratio Lower Upper

112 100

114 34.3 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 52.704 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

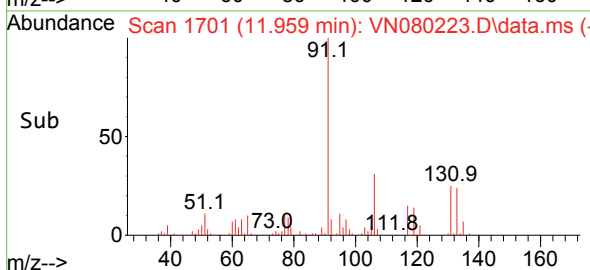
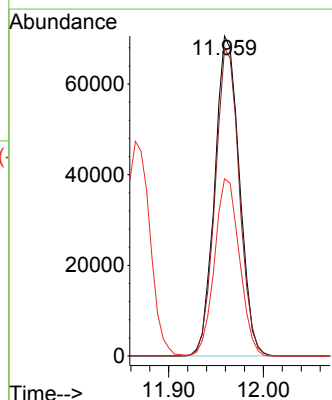
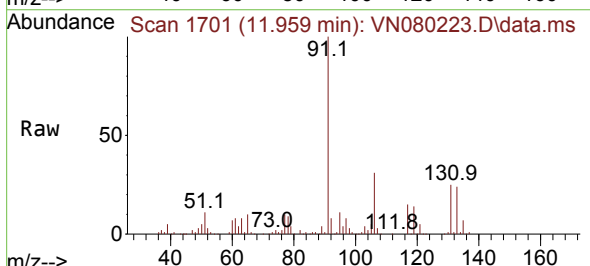
Tgt Ion:131 Resp: 127849

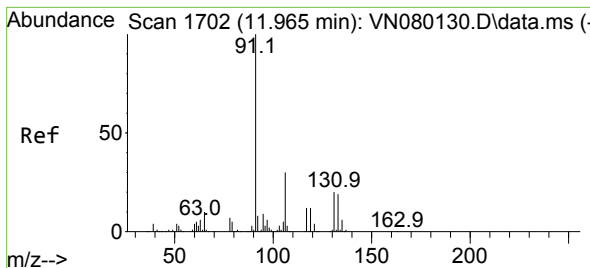
Ion Ratio Lower Upper

131 100

133 94.5 46.4 139.1

119 56.0 34.1 102.2





#67

Ethyl Benzene

Concen: 50.025 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

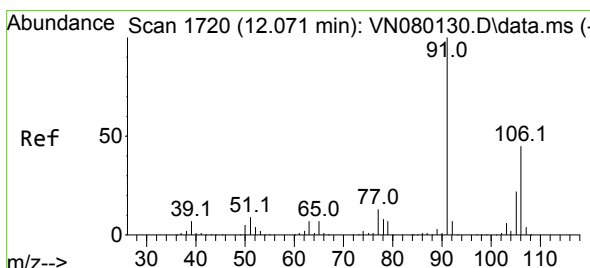
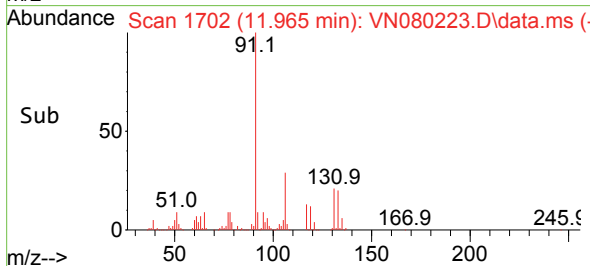
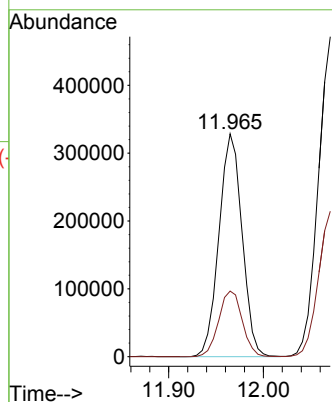
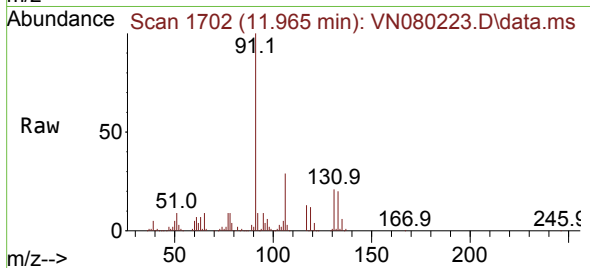
ClientSampleId :

Tgt Ion: 91 Resp: 556440

Ion Ratio Lower Upper

91 100

106 29.4 25.6 38.4



#68

m/p-Xylenes

Concen: 101.459 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN080223.D

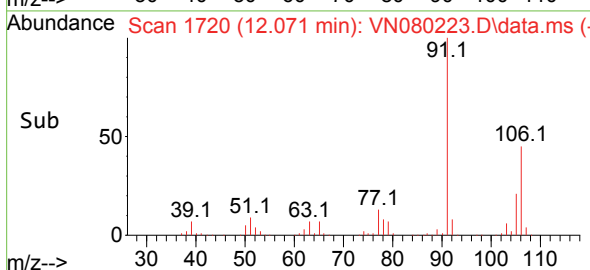
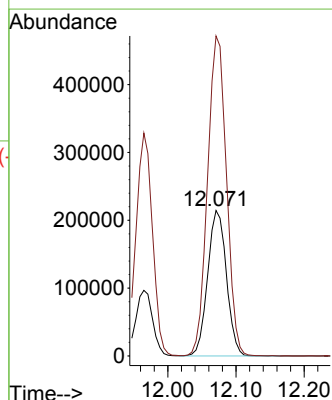
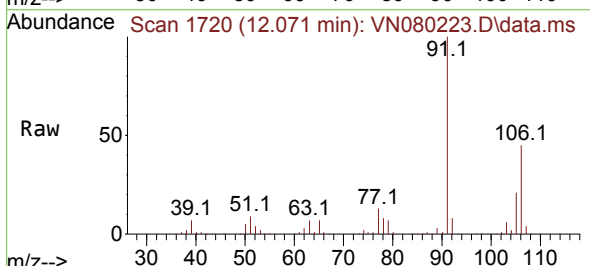
Acq: 20 Nov 2023 21:20

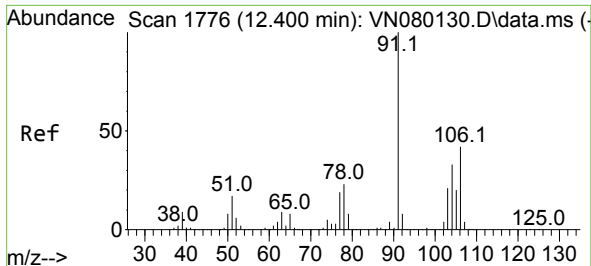
Tgt Ion:106 Resp: 411480

Ion Ratio Lower Upper

106 100

91 221.2 159.6 239.4

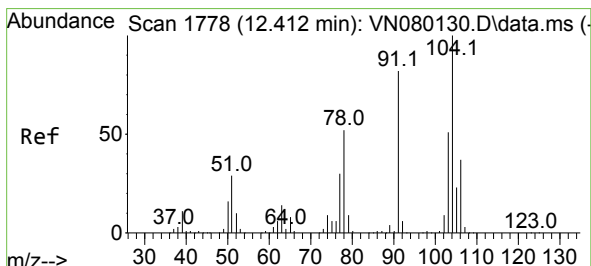
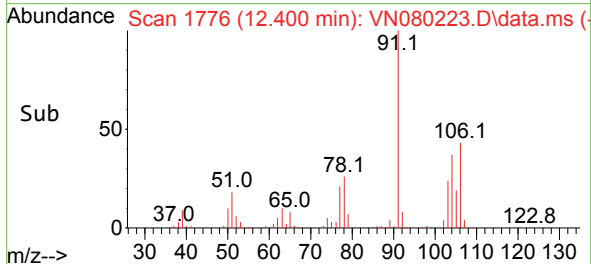
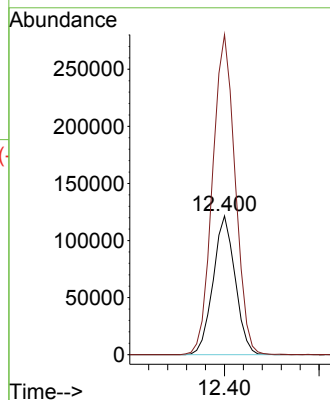
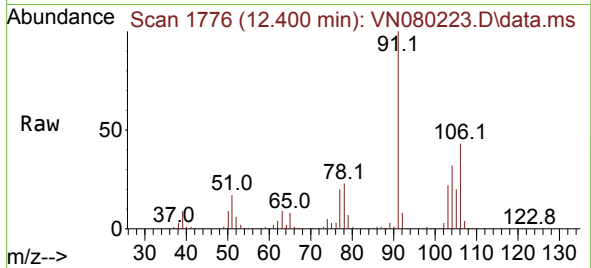




#69
o-Xylene
Concen: 51.256 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

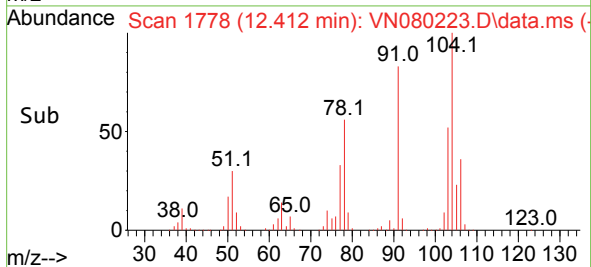
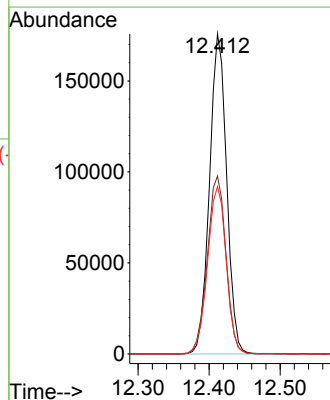
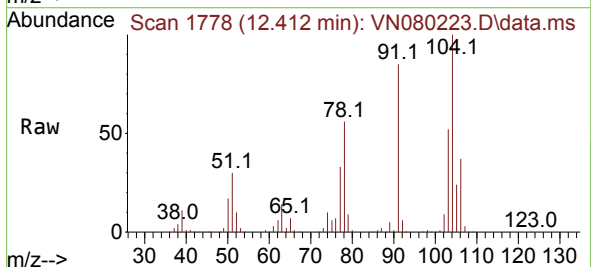
Instrument :
MSVOA_N
ClientSampleId :

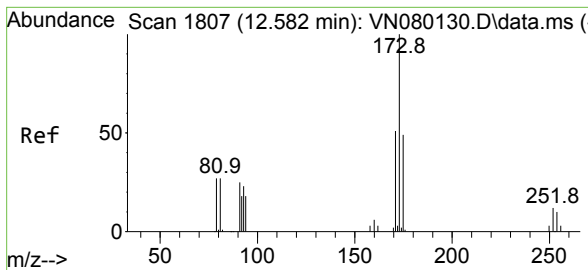
Tgt Ion:106 Resp: 195907
Ion Ratio Lower Upper
106 100
91 237.3 105.2 315.5



#70
Styrene
Concen: 51.776 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion:104 Resp: 294546
Ion Ratio Lower Upper
104 100
78 60.8 39.5 59.3#
103 56.8 43.2 64.8

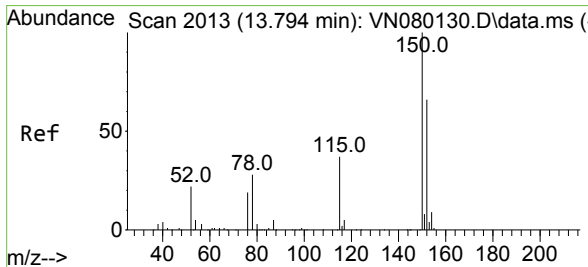
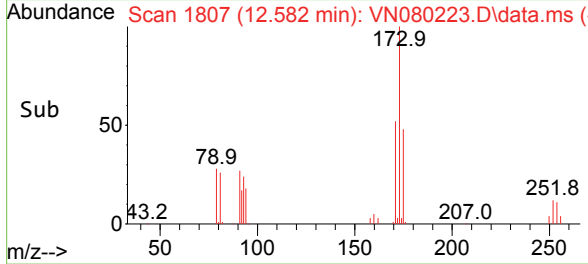
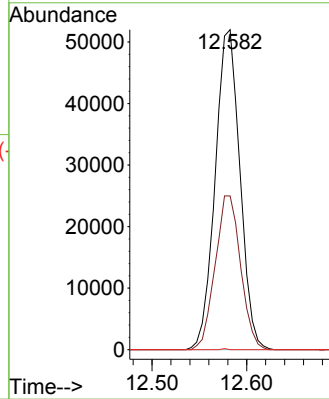
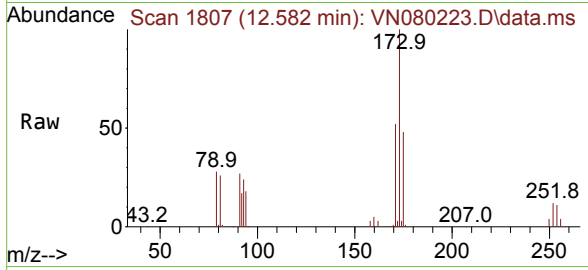




#71
Bromoform
Concen: 52.555 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

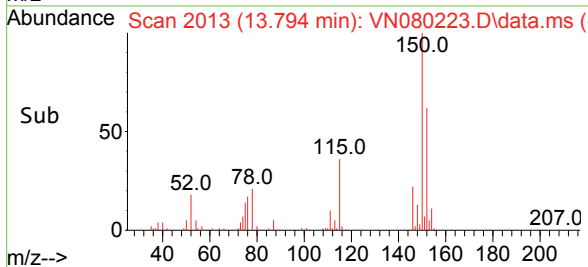
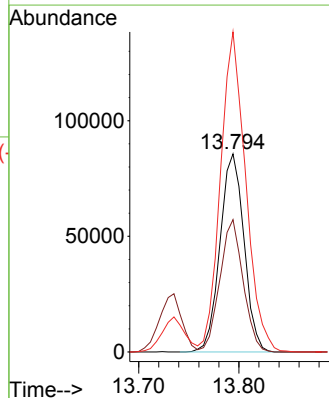
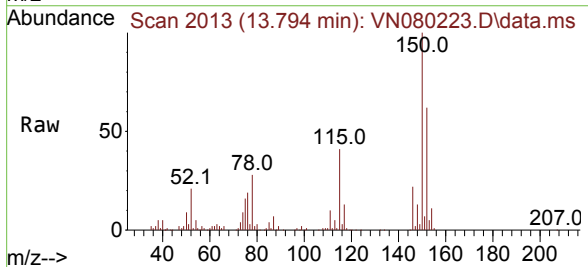
Instrument :
MSVOA_N
ClientSampleId :

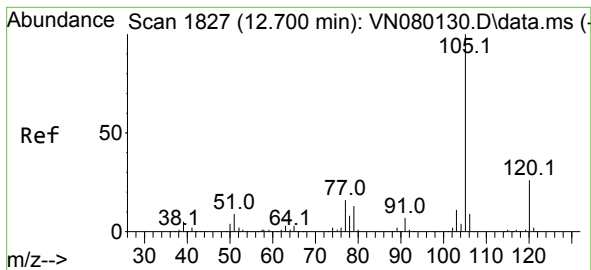
Tgt Ion:173 Resp: 94542
Ion Ratio Lower Upper
173 100
175 49.4 24.3 73.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion:152 Resp: 142166
Ion Ratio Lower Upper
152 100
115 64.8 32.3 96.8
150 169.9 0.0 355.8





#73

Isopropylbenzene

Concen: 48.418 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

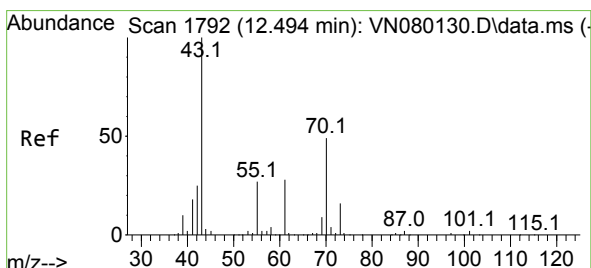
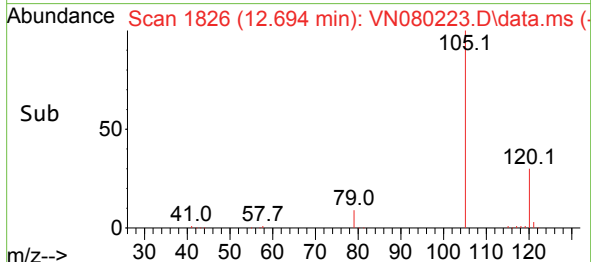
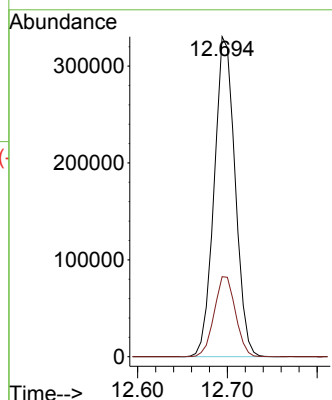
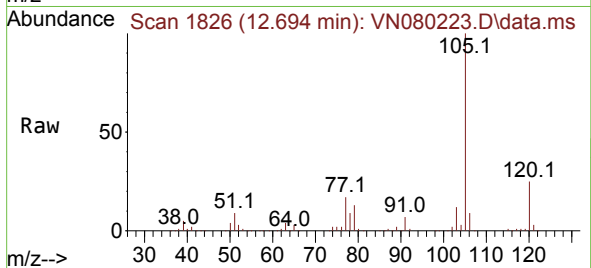
ClientSampleId :

Tgt Ion:105 Resp: 534890

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.1



#74

N-ethyl acetate

Concen: 43.662 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Tgt Ion: 43 Resp: 150418

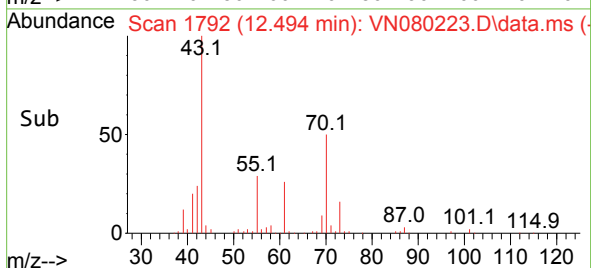
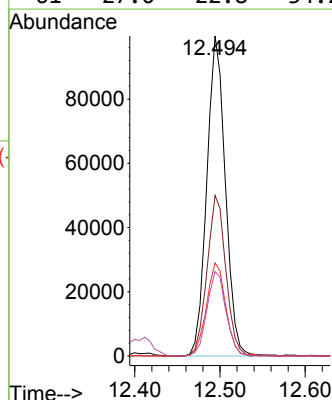
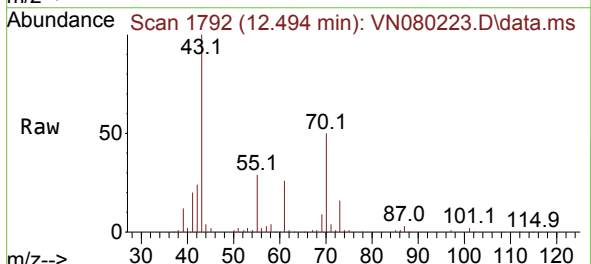
Ion Ratio Lower Upper

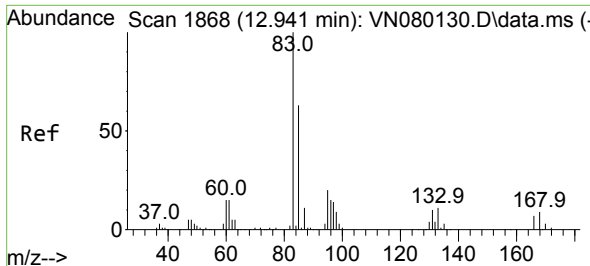
43 100

70 50.8 43.4 65.2

55 30.2 21.4 32.0

61 27.0 22.8 34.2

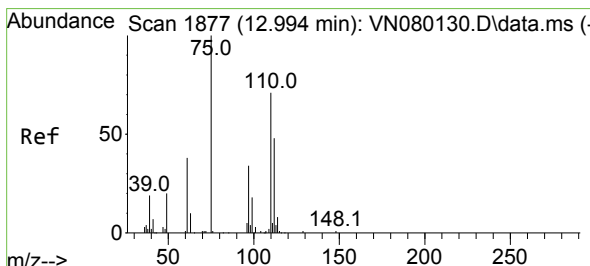
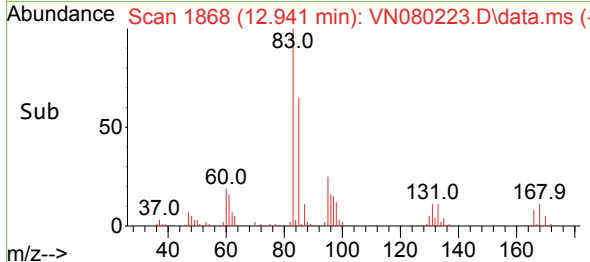
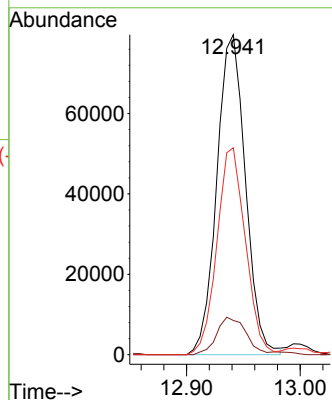
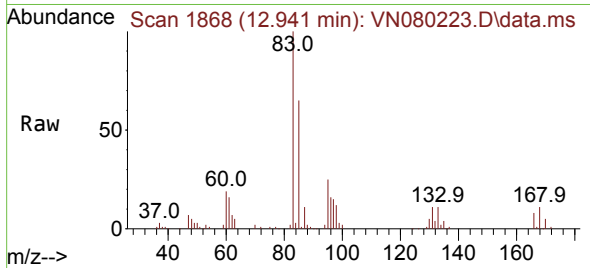




#75
 1,1,2,2-Tetrachloroethane
 Concen: 42.190 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

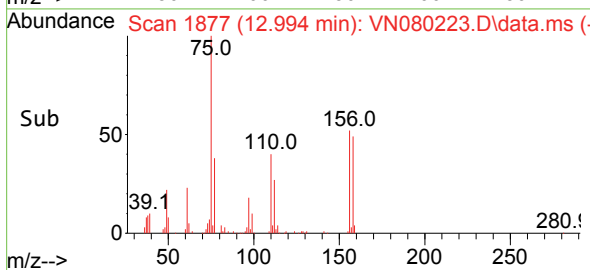
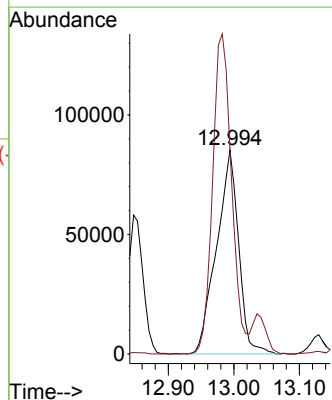
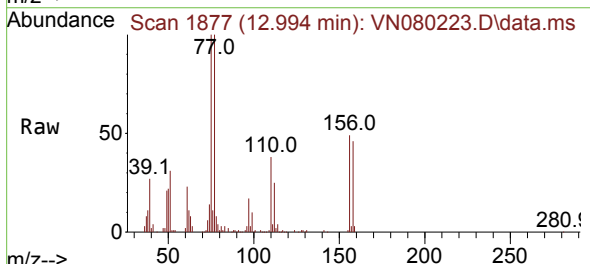
Instrument :
 MSVOA_N
 ClientSampleId :

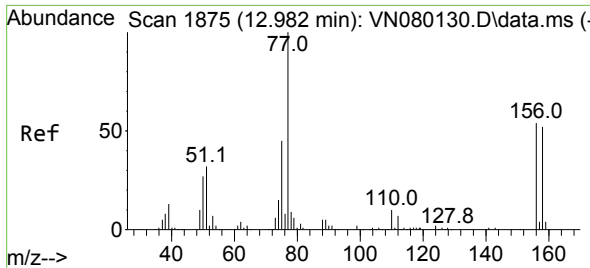
Tgt Ion: 83 Resp: 139498
 Ion Ratio Lower Upper
 83 100
 131 12.6 5.0 15.0
 85 64.5 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 57.079 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

Tgt Ion: 75 Resp: 198823
 Ion Ratio Lower Upper
 75 100
 77 136.0 84.5 253.5

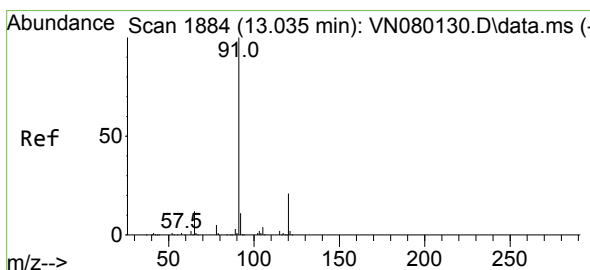
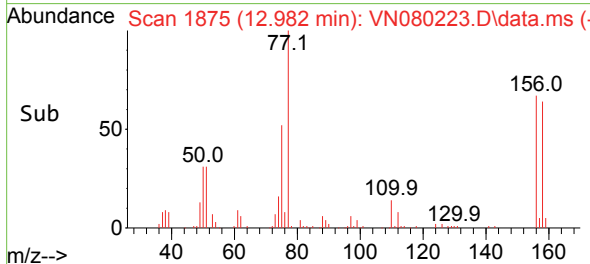
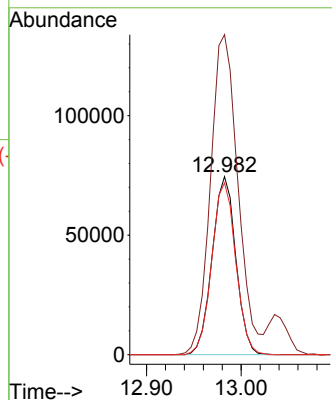
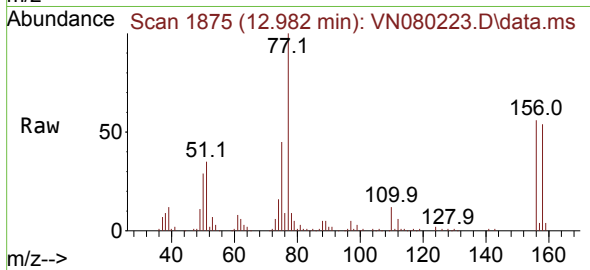




#77
Bromobenzene
Concen: 46.370 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

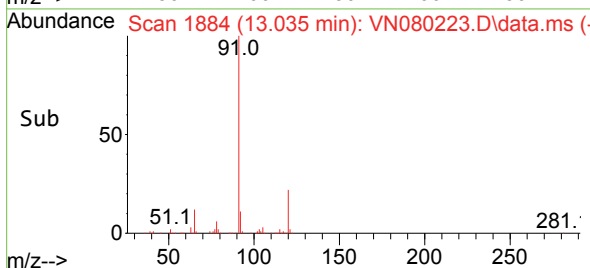
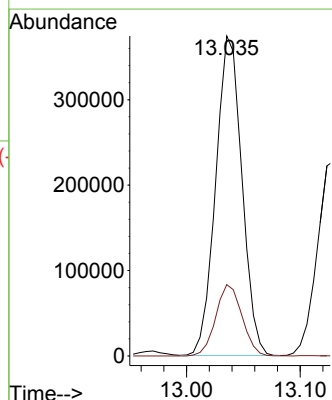
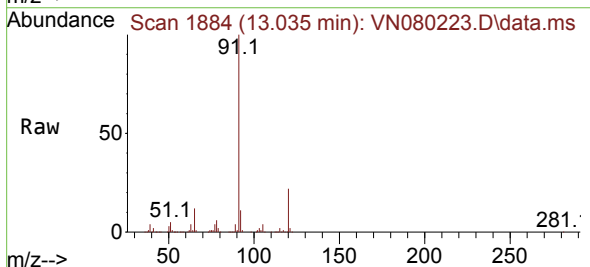
Instrument :
MSVOA_N
ClientSampleId :

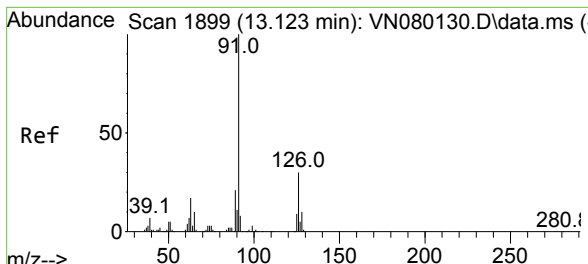
Tgt Ion:156 Resp: 129152
Ion Ratio Lower Upper
156 100
77 209.4 107.7 323.3
158 97.8 48.4 145.3



#78
n-propylbenzene
Concen: 48.562 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion: 91 Resp: 599914
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4

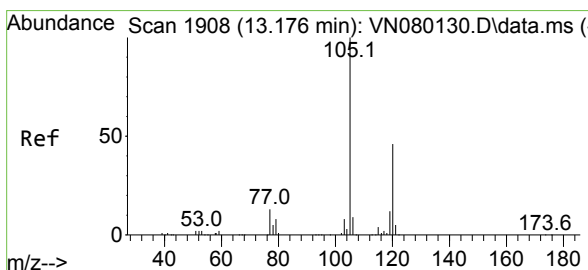
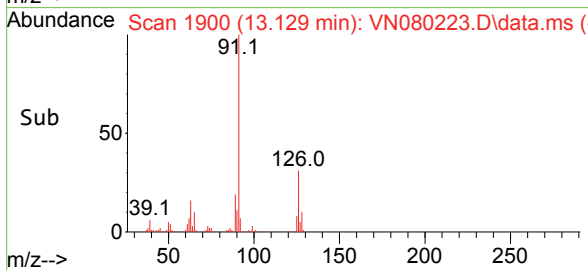
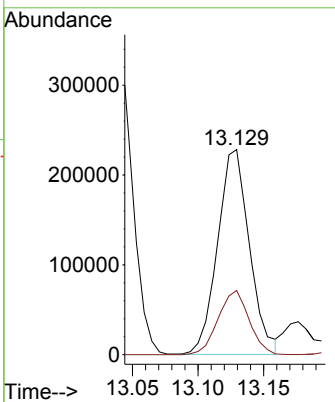
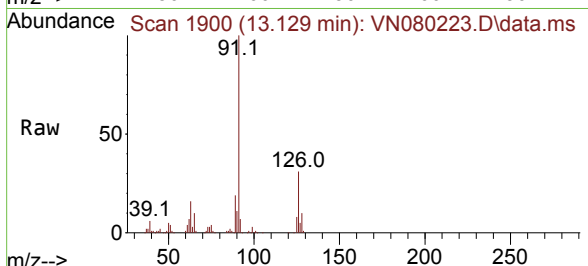




#79
 2-Chlorotoluene
 Concen: 48.113 ug/l
 RT: 13.129 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

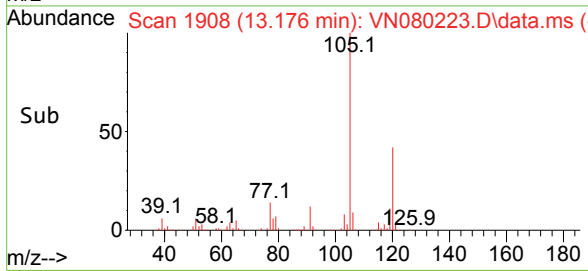
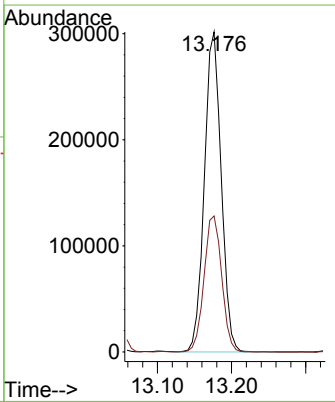
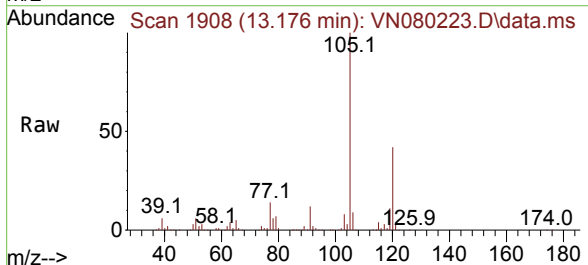
Instrument :
 MSVOA_N
 ClientSampleId :

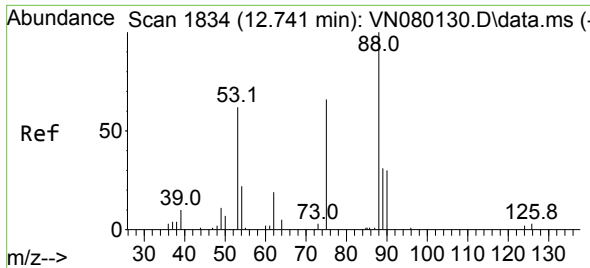
Tgt Ion:	91	Resp:	386032
Ion Ratio	Lower	Upper	
91	100		
126	30.5	16.3	48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 49.455 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

Tgt Ion:	105	Resp:	475590
Ion Ratio	Lower	Upper	
105	100		
120	44.6	24.1	72.3

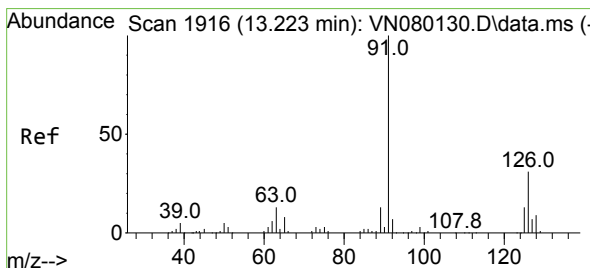
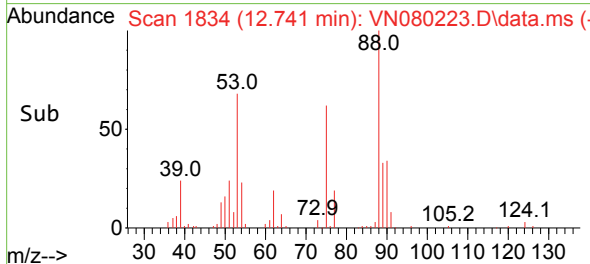
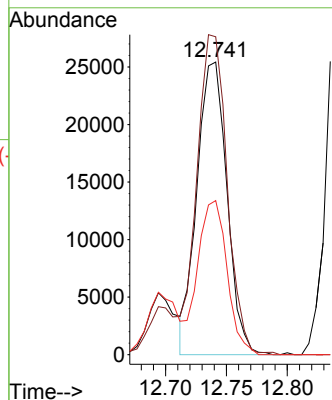
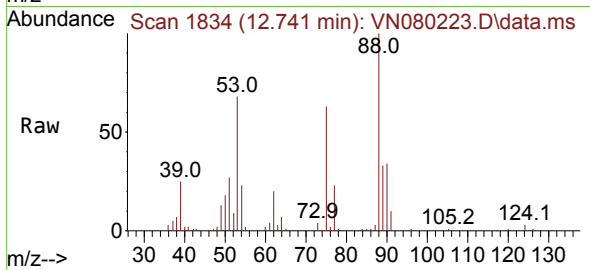




#81
trans-1,4-Dichloro-2-butene
Concen: 42.378 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

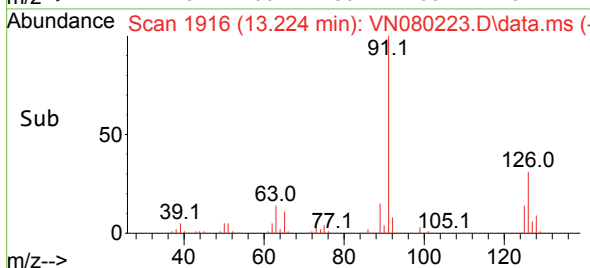
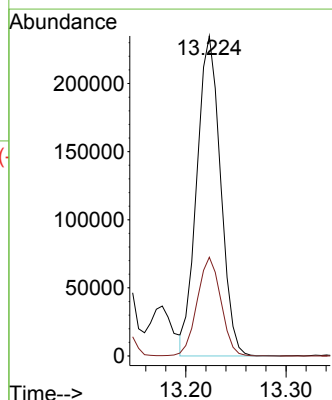
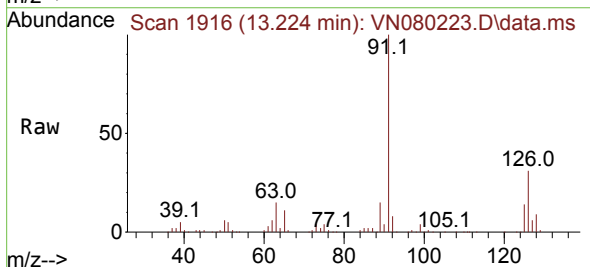
Instrument :
MSVOA_N
ClientSampleId :

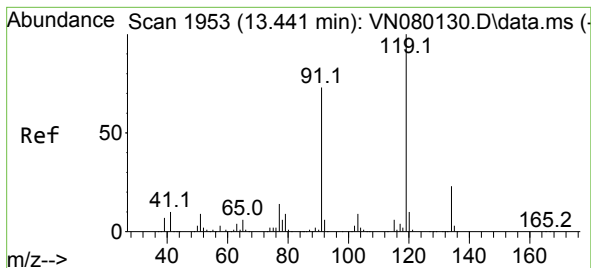
Tgt Ion: 75 Resp: 43692
Ion Ratio Lower Upper
75 100
53 111.9 67.4 101.2#
89 52.1 38.8 58.2



#82
4-Chlorotoluene
Concen: 47.013 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080223.D
Acq: 20 Nov 2023 21:20

Tgt Ion: 91 Resp: 386433
Ion Ratio Lower Upper
91 100
126 30.9 16.7 50.0





#83

tert-Butylbenzene

Concen: 49.141 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

ClientSampleId :

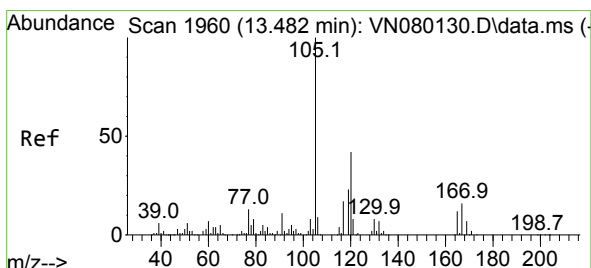
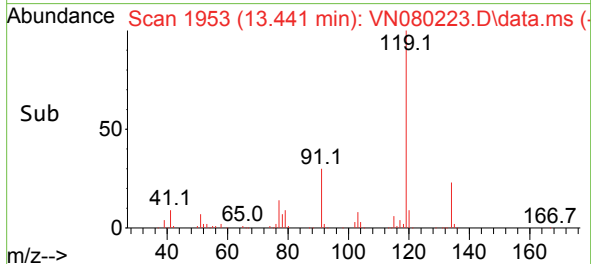
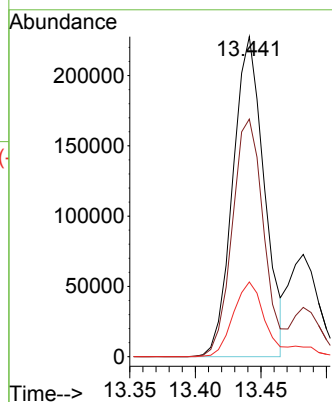
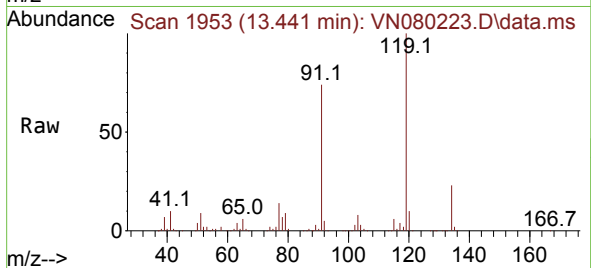
Tgt Ion:119 Resp: 378971

Ion Ratio Lower Upper

119 100

91 75.7 33.9 101.7

134 23.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 49.687 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080223.D

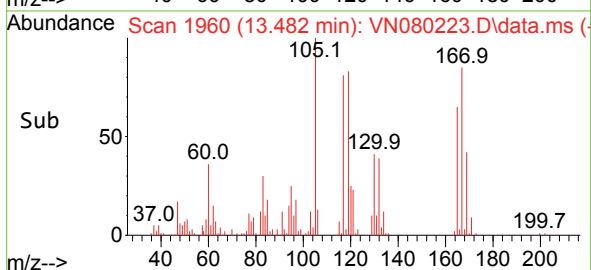
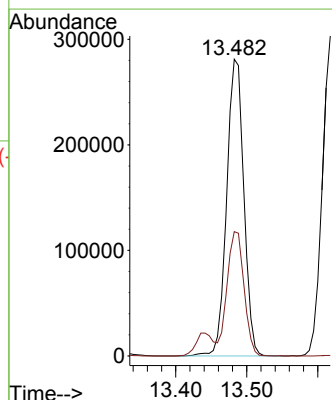
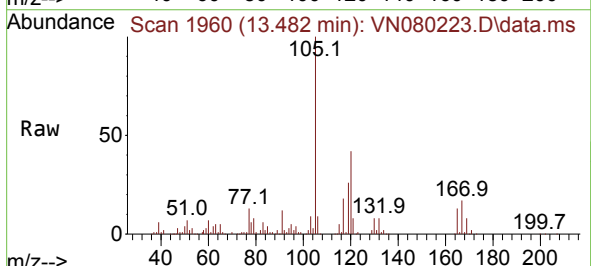
Acq: 20 Nov 2023 21:20

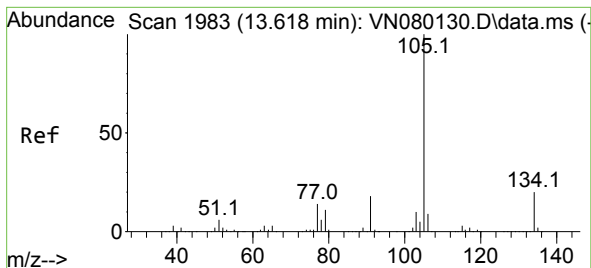
Tgt Ion:105 Resp: 470502

Ion Ratio Lower Upper

105 100

120 41.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 49.375 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

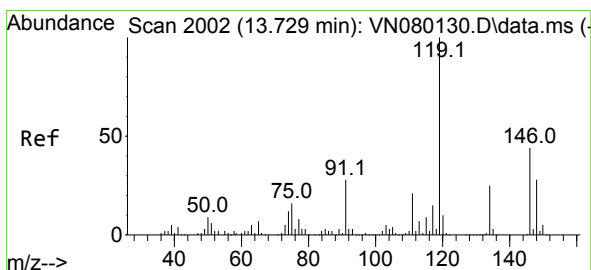
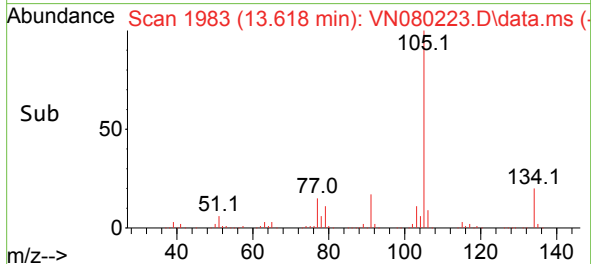
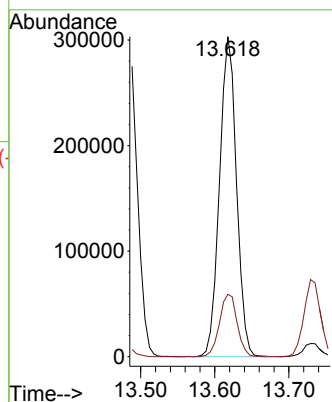
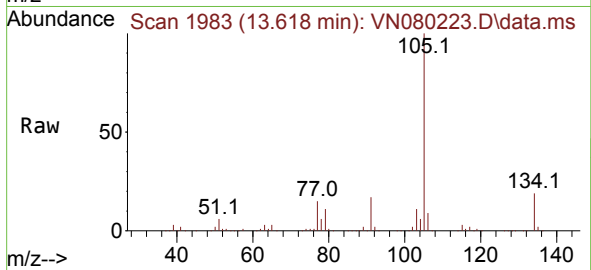
ClientSampleId :

Tgt Ion:105 Resp: 481694

Ion Ratio Lower Upper

105 100

134 20.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 50.781 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

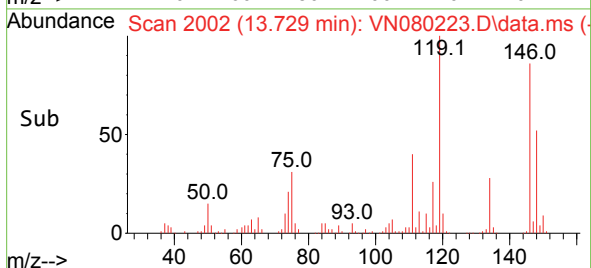
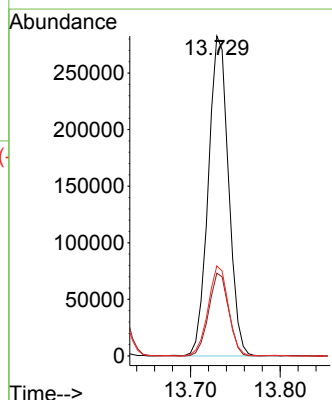
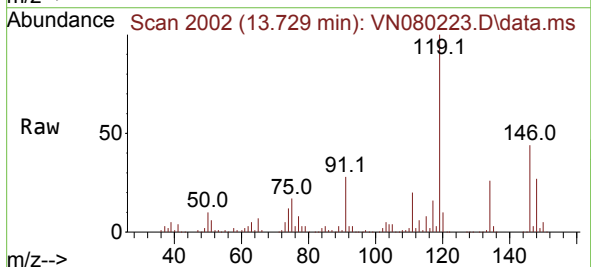
Tgt Ion:119 Resp: 442547

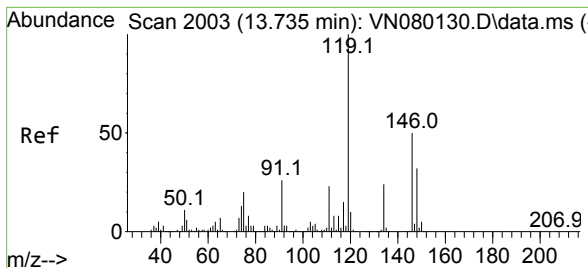
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 28.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 45.860 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

ClientSampleId :

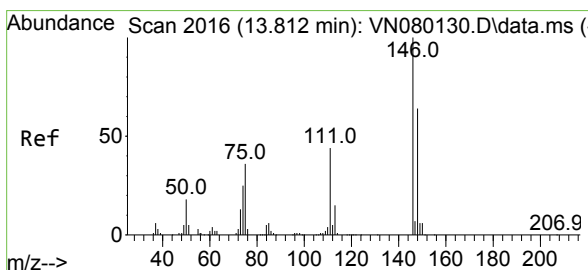
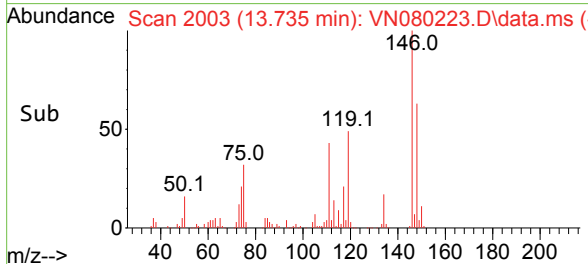
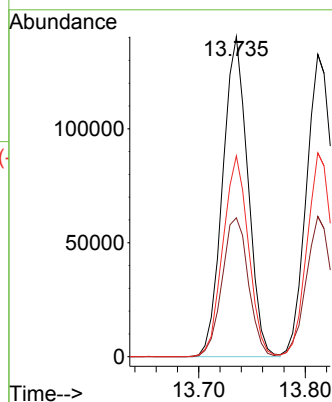
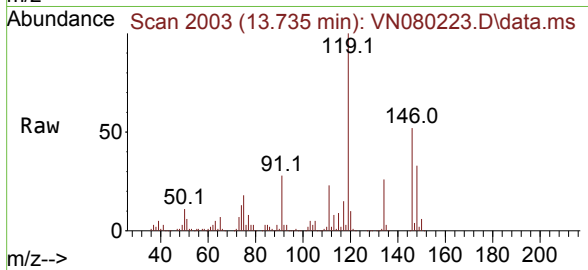
Tgt Ion:146 Resp: 230134

Ion Ratio Lower Upper

146 100

111 45.4 22.1 66.3

148 63.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 45.097 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

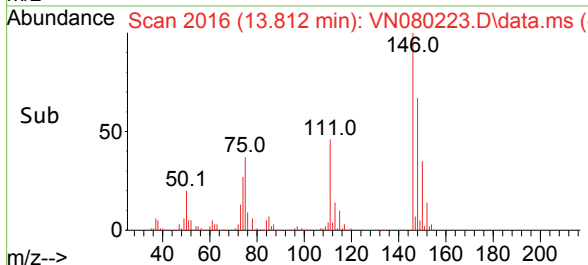
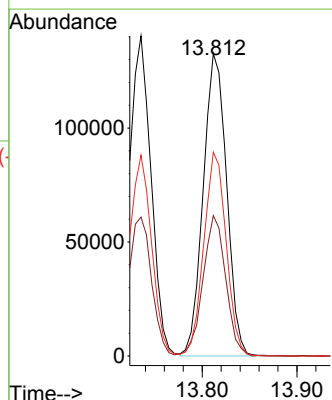
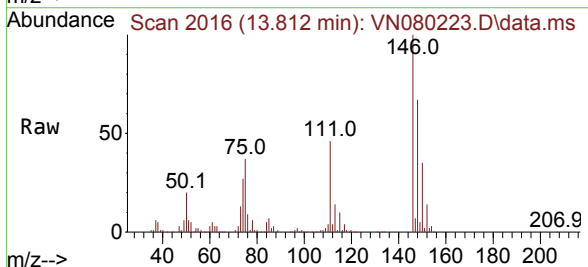
Tgt Ion:146 Resp: 227422

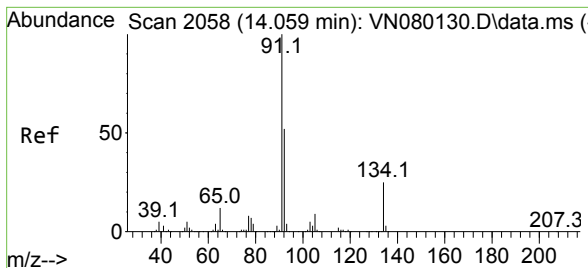
Ion Ratio Lower Upper

146 100

111 44.8 20.6 61.8

148 64.5 31.6 94.8





#89

n-Butylbenzene

Concen: 47.566 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

ClientSampleId :

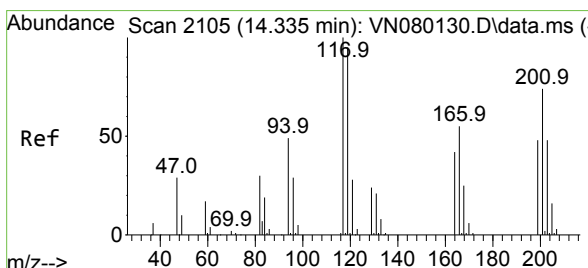
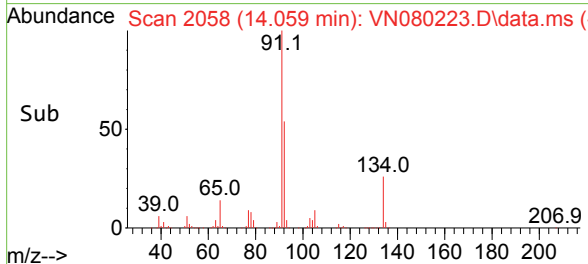
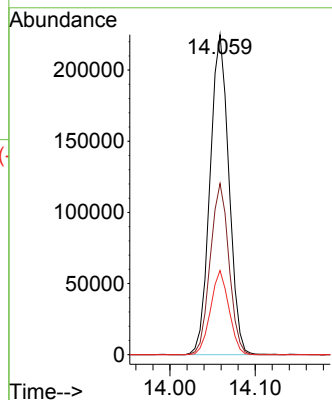
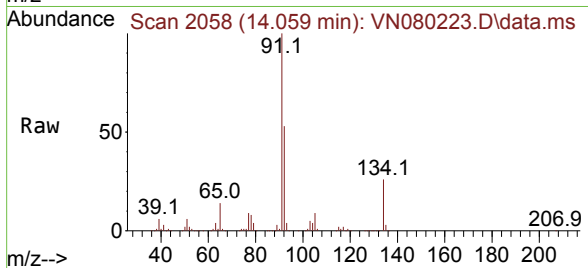
Tgt Ion: 91 Resp: 346957

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.0

134 25.5 12.6 37.6



#90

Hexachloroethane

Concen: 46.612 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080223.D

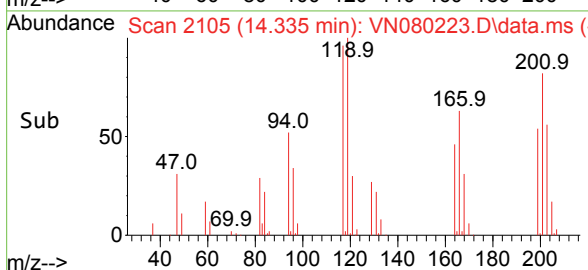
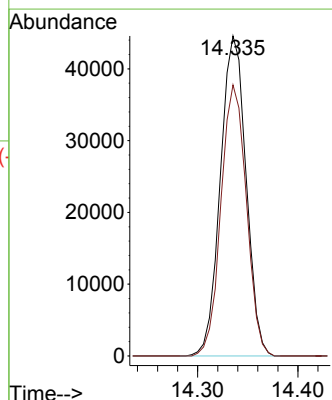
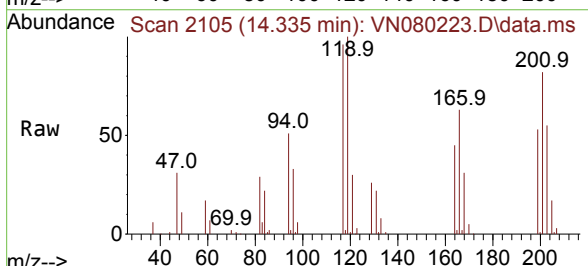
Acq: 20 Nov 2023 21:20

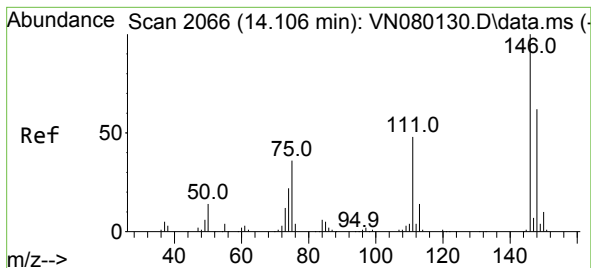
Tgt Ion: 117 Resp: 79192

Ion Ratio Lower Upper

117 100

201 83.7 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 46.186 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

ClientSampleId :

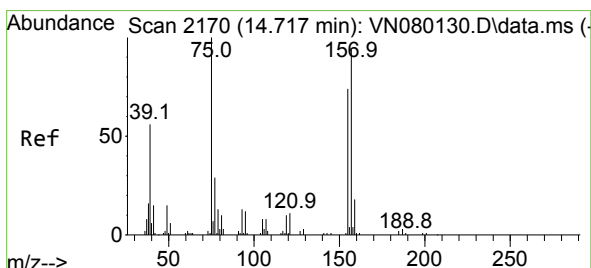
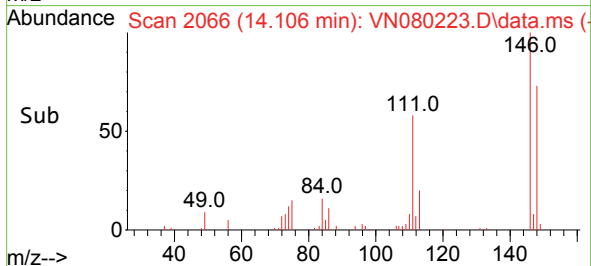
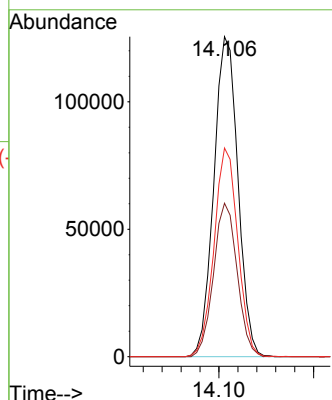
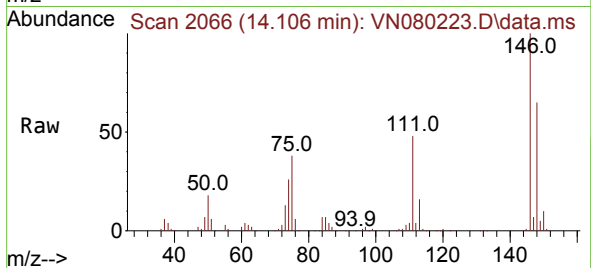
Tgt Ion:146 Resp: 221788

Ion Ratio Lower Upper

146 100

111 47.0 22.0 66.0

148 64.4 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.241 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

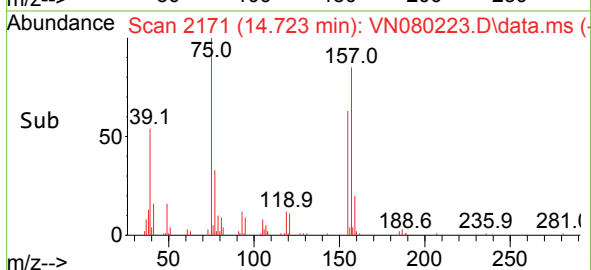
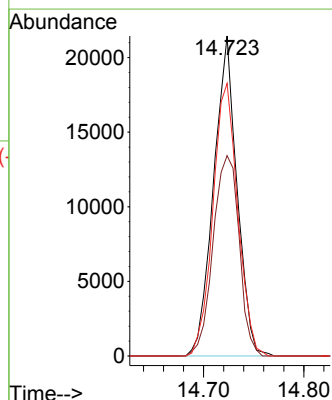
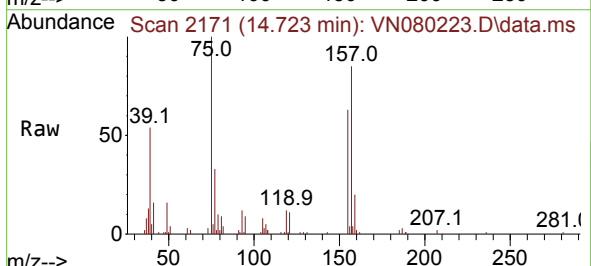
Tgt Ion: 75 Resp: 34745

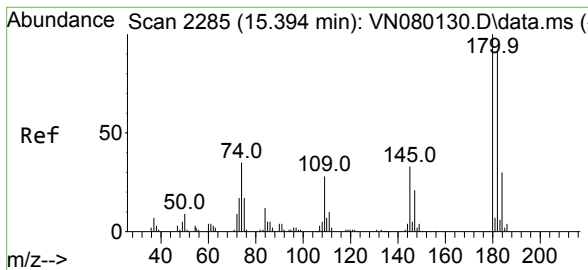
Ion Ratio Lower Upper

75 100

155 69.7 39.1 117.2

157 90.6 50.3 150.9

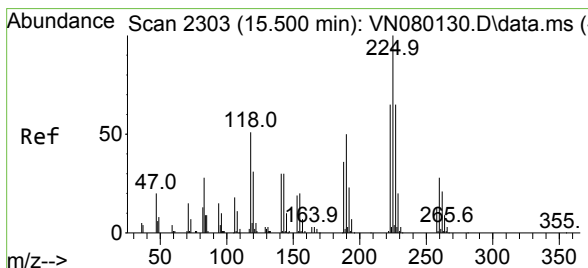
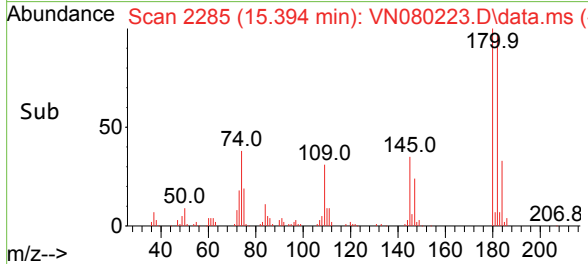
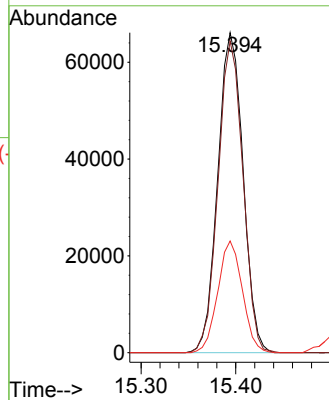
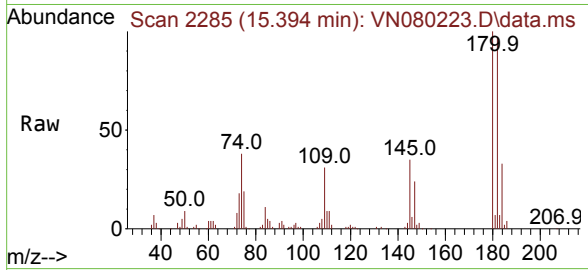




#93
 1,2,4-Trichlorobenzene
 Concen: 43.960 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

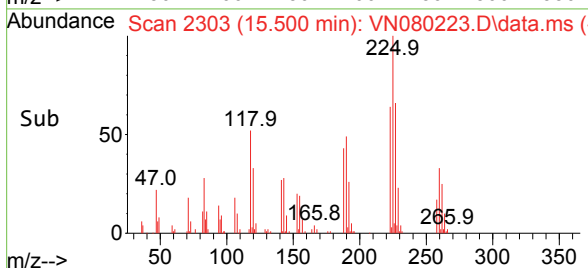
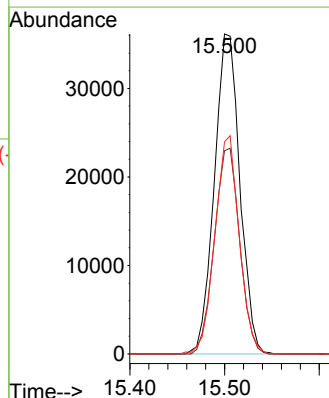
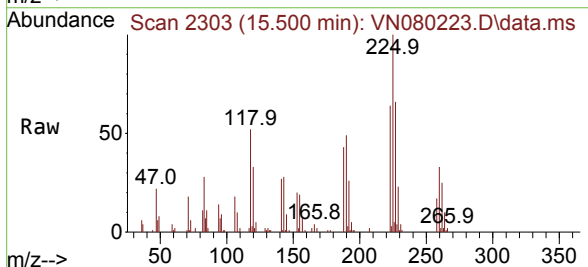
Instrument :
 MSVOA_N
 ClientSampleId :

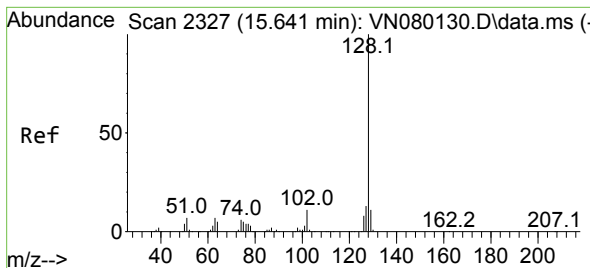
Tgt Ion:180 Resp: 122776
 Ion Ratio Lower Upper
 180 100
 182 95.8 46.1 138.2
 145 34.0 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 42.108 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN080223.D
 Acq: 20 Nov 2023 21:20

Tgt Ion:225 Resp: 67678
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.3 93.8
 227 65.0 31.9 95.9





#95

Naphthalene

Concen: 41.627 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Instrument :

MSVOA_N

ClientSampleId :

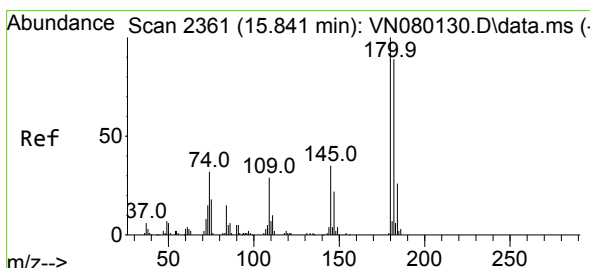
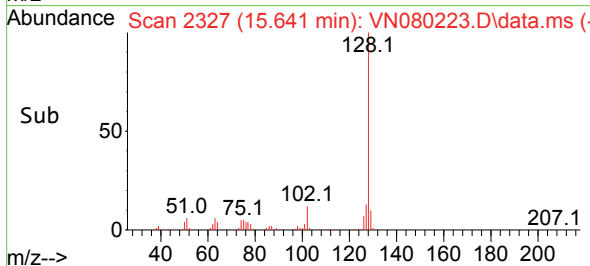
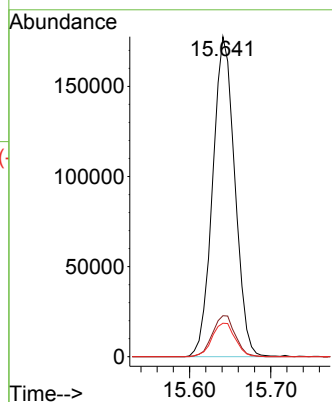
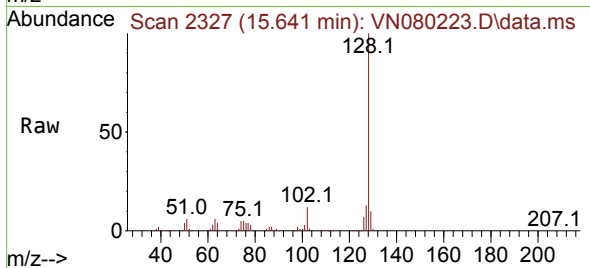
Tgt Ion:128 Resp: 337138

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 44.737 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080223.D

Acq: 20 Nov 2023 21:20

Tgt Ion:180 Resp: 117113

Ion Ratio Lower Upper

180 100

182 95.0 46.2 138.6

145 36.6 17.5 52.6

