

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078895.D
 Acq On : 16 Aug 2023 11:54
 Operator : JC\MD
 Sample : VN0816WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

Quant Time: Aug 17 01:13:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	166980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	298474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	265924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111307	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	138881	53.450	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.900%	
35) Dibromofluoromethane	8.171	113	105989	52.753	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.500%	
50) Toluene-d8	10.570	98	400053	53.625	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.240%	
62) 4-Bromofluorobenzene	12.853	95	127013	52.088	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.180%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	39100	16.876	ug/l	91
3) Chloromethane	2.365	50	52777	16.315	ug/l	97
4) Vinyl Chloride	2.512	62	51186	18.043	ug/l	95
5) Bromomethane	2.953	94	32311	19.837	ug/l	95
6) Chloroethane	3.118	64	33992	17.140	ug/l	97
7) Trichlorofluoromethane	3.500	101	62857	18.191	ug/l	93
8) Diethyl Ether	3.965	74	21593	16.484	ug/l #	45
9) 1,1,2-Trichlorotrifluo...	4.371	101	32898	17.876	ug/l	96
10) Methyl Iodide	4.594	142	35143	17.068	ug/l	95
11) Tert butyl alcohol	5.530	59	37578	86.187	ug/l	98
12) 1,1-Dichloroethene	4.341	96	31155	17.379	ug/l #	79
13) Acrolein	4.183	56	24014	91.353	ug/l	97
14) Allyl chloride	5.024	41	58007	16.258	ug/l #	90
15) Acrylonitrile	5.724	53	108442	91.809	ug/l	99
16) Acetone	4.436	43	94096	87.766	ug/l	89
17) Carbon Disulfide	4.718	76	84258	16.791	ug/l	99
18) Methyl Acetate	5.030	43	80619	17.800	ug/l #	79
19) Methyl tert-butyl Ether	5.794	73	116018	17.966	ug/l	94
20) Methylene Chloride	5.283	84	40185	17.588	ug/l #	76
21) trans-1,2-Dichloroethene	5.794	96	35156	17.489	ug/l #	76
22) Diisopropyl ether	6.682	45	141196	18.706	ug/l #	89
23) Vinyl Acetate	6.612	43	425971	85.710	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	75033	18.197	ug/l	95
25) 2-Butanone	7.488	43	149381	86.905	ug/l #	78
26) 2,2-Dichloropropane	7.500	77	57844	17.355	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	41517	16.992	ug/l	80
28) Bromochloromethane	7.824	49	44019	20.124	ug/l #	70
29) Tetrahydrofuran	7.841	42	103562	91.025	ug/l #	70
30) Chloroform	7.965	83	77130	18.723	ug/l	85
31) Cyclohexane	8.259	56	64067	18.085	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	63928	18.200	ug/l #	89
36) 1,1-Dichloropropene	8.377	75	53914	17.839	ug/l	96
37) Ethyl Acetate	7.571	43	63091	18.658	ug/l #	91
38) Carbon Tetrachloride	8.371	117	54232	17.908	ug/l	99
39) Methylcyclohexane	9.606	83	50809	18.279	ug/l	88
40) Benzene	8.612	78	161499	18.078	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	34268	18.607	ug/l #	79
42) 1,2-Dichloroethane	8.676	62	61998	18.576	ug/l	99
43) Isopropyl Acetate	8.694	43	101890	17.047	ug/l #	89
44) Trichloroethene	9.353	130	36991	17.427	ug/l	98
45) 1,2-Dichloropropane	9.623	63	44370	18.655	ug/l	97
46) Dibromomethane	9.712	93	29716	18.216	ug/l	97
47) Bromodichloromethane	9.894	83	61375	19.053	ug/l	99
48) Methyl methacrylate	9.688	41	46968	17.342	ug/l #	78
49) 1,4-Dioxane	9.706	88	16300	353.334	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	323274	91.195	ug/l #	85
52) Toluene	10.635	92	101642	18.532	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	62769	18.170	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	66085	17.565	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	41740	18.980	ug/l	93
56) Ethyl methacrylate	10.876	69	59206	17.368	ug/l #	67
57) 1,3-Dichloropropane	11.170	76	71324	18.133	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	151731	92.723	ug/l #	88
59) 2-Hexanone	11.200	43	231030	89.981	ug/l	83
60) Dibromochloromethane	11.365	129	43311	18.715	ug/l	95
61) 1,2-Dibromoethane	11.470	107	40599	18.167	ug/l	98
64) Tetrachloroethene	11.106	164	28709	17.215	ug/l	96
65) Chlorobenzene	11.894	112	103436	18.273	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.970	131	40926	19.131	ug/l	97
67) Ethyl Benzene	11.970	91	184632	17.936	ug/l	99
68) m/p-Xylenes	12.076	106	139915	36.354	ug/l	97
69) o-Xylene	12.400	106	66499	17.762	ug/l	95
70) Styrene	12.417	104	111188	17.811	ug/l	98
71) Bromoform	12.582	173	27472	17.664	ug/l #	96
73) Isopropylbenzene	12.700	105	166625	17.953	ug/l	99
74) N-amyl acetate	12.500	43	80309	17.143	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	63945	19.082	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	76146	28.392	ug/l	65
77) Bromobenzene	12.988	156	38732	17.362	ug/l	89
78) n-propylbenzene	13.041	91	197613	18.362	ug/l	97
79) 2-Chlorotoluene	13.129	91	121132	18.144	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	136268	18.528	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	20466	19.494	ug/l #	86
82) 4-Chlorotoluene	13.223	91	118188	18.093	ug/l	99
83) tert-Butylbenzene	13.441	119	115578	18.703	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	134646	18.489	ug/l	100
85) sec-Butylbenzene	13.623	105	155228	18.253	ug/l	98
86) p-Isopropyltoluene	13.735	119	121607	17.898	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	65645	17.101	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	67875	17.666	ug/l	98
89) n-Butylbenzene	14.058	91	94503	16.901	ug/l	97
90) Hexachloroethane	14.341	117	26093	19.158	ug/l	96
91) 1,2-Dichlorobenzene	14.111	146	67880	17.781	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10727	16.447	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	20087	14.843	ug/l	94
94) Hexachlorobutadiene	15.505	225	12172	15.406	ug/l	98
95) Naphthalene	15.647	128	60030	13.675	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	23498	15.853	ug/l	96

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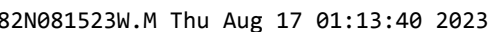
Instrument :
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ClientSampleId :
VN0816WBS01

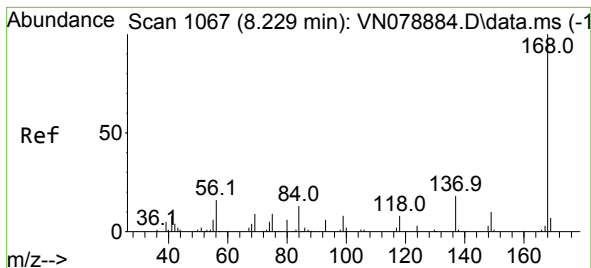
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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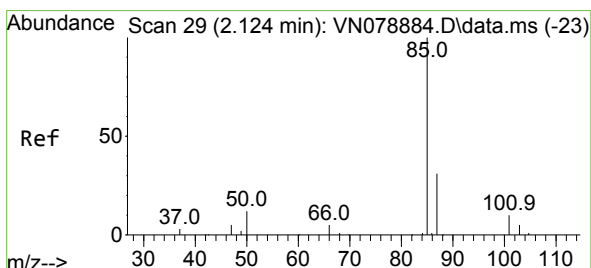
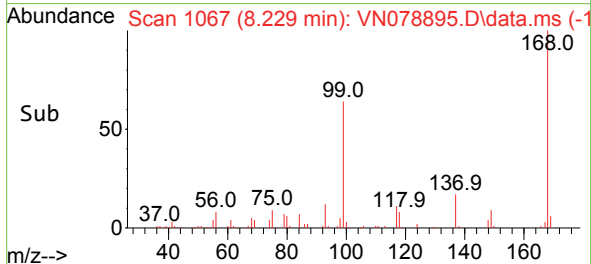
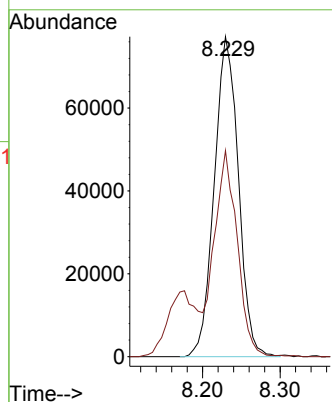
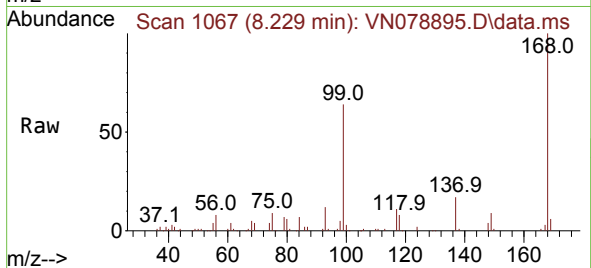




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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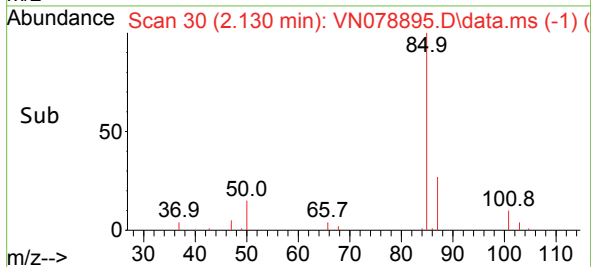
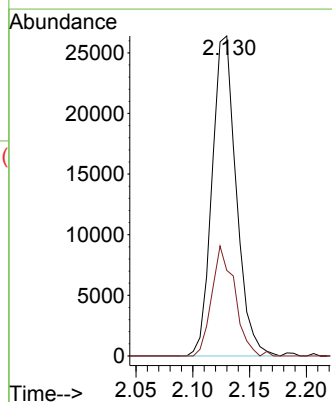
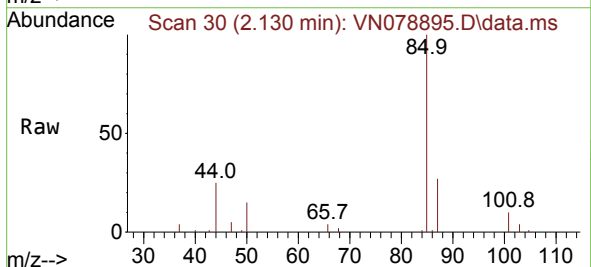
Instrument :
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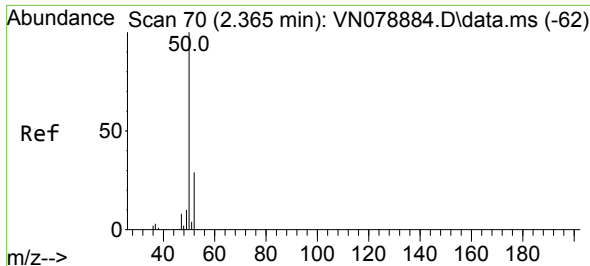
Tgt Ion:168 Resp: 166980
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 16.876 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 85 Resp: 39100
Ion Ratio Lower Upper
85 100
87 26.7 15.8 47.4

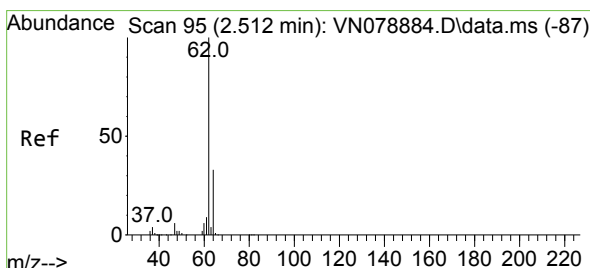
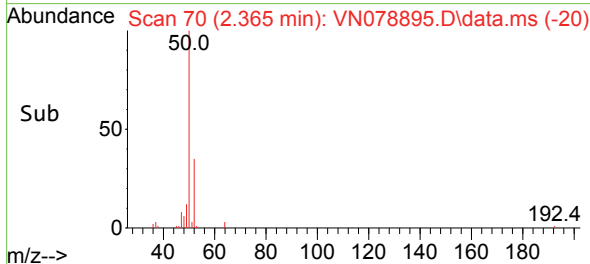
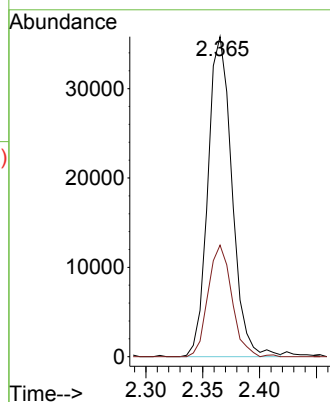
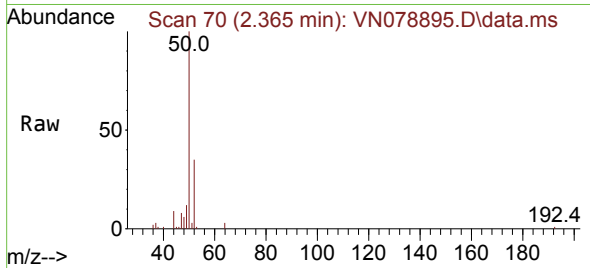




#3
Chloromethane
Concen: 16.315 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

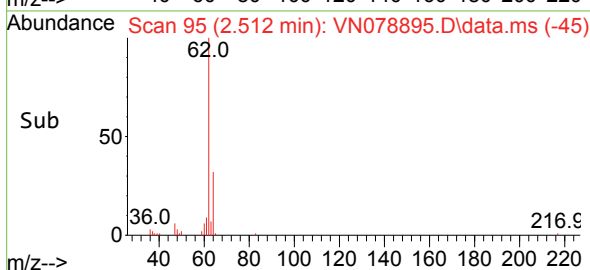
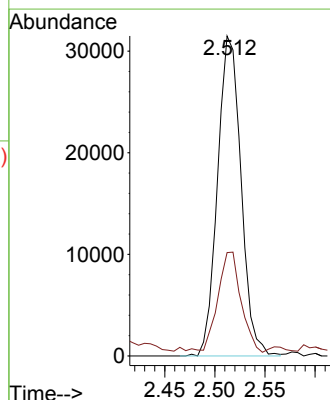
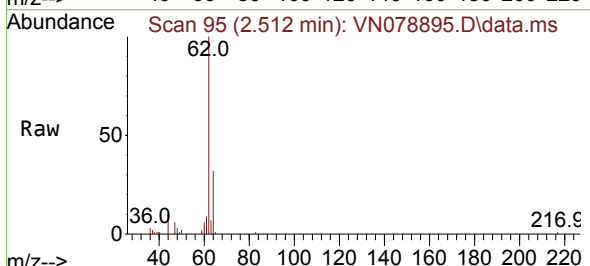
Instrument :
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ClientSampleId :
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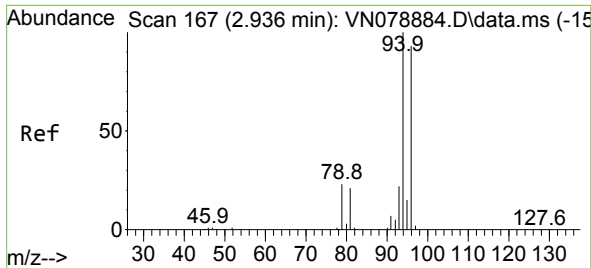
Tgt Ion: 50 Resp: 52777
Ion Ratio Lower Upper
50 100
52 34.9 26.5 39.7



#4
Vinyl Chloride
Concen: 18.043 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 62 Resp: 51186
Ion Ratio Lower Upper
62 100
64 29.6 26.2 39.2

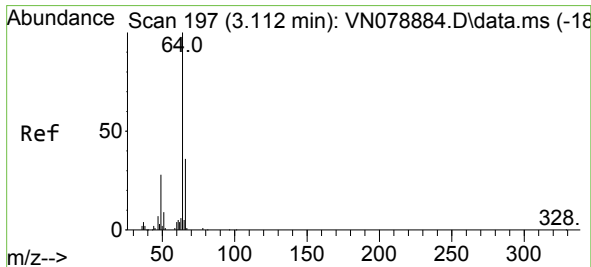
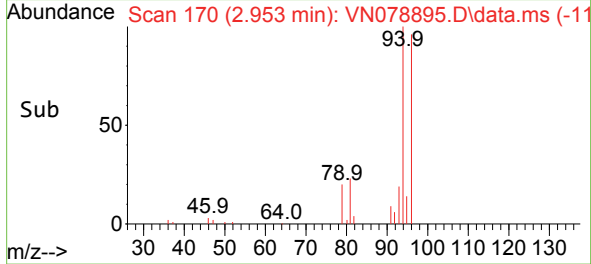
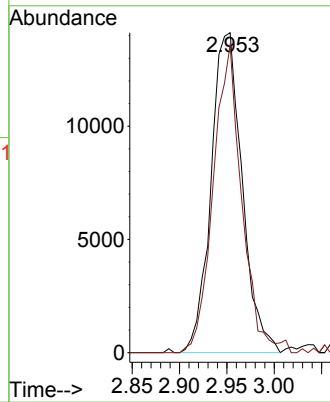
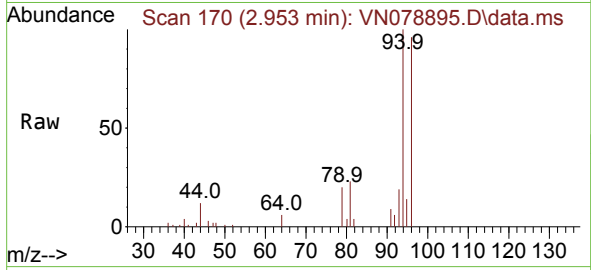




#5
Bromomethane
Concen: 19.837 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

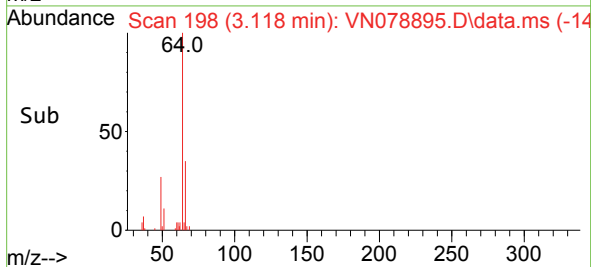
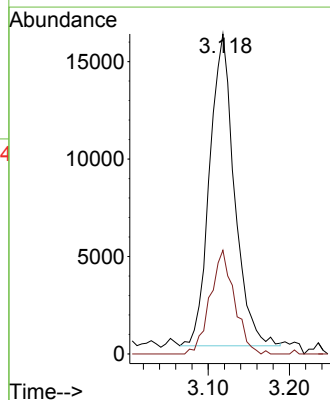
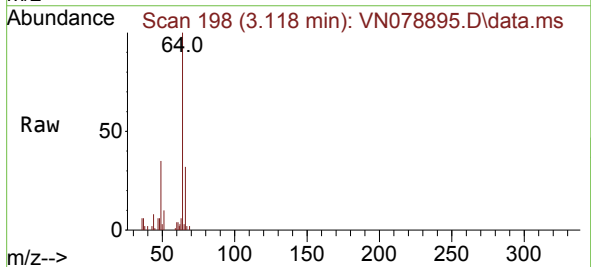
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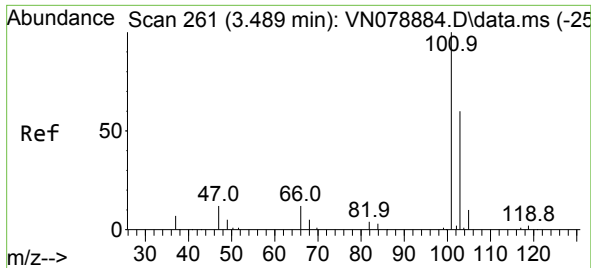
Tgt Ion: 94 Resp: 32311
Ion Ratio Lower Upper
94 100
96 96.2 73.1 109.7



#6
Chloroethane
Concen: 17.140 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 64 Resp: 33992
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.2

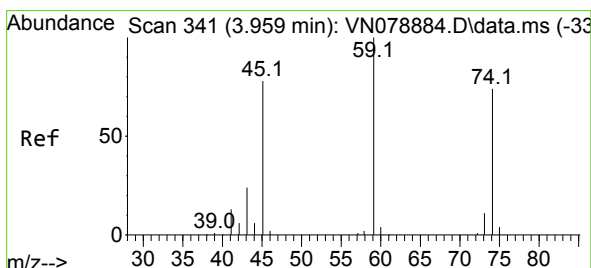
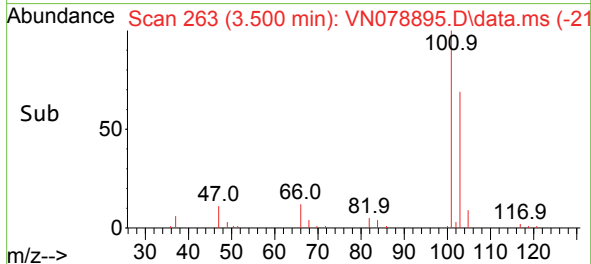
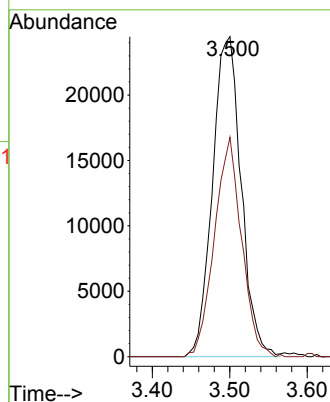
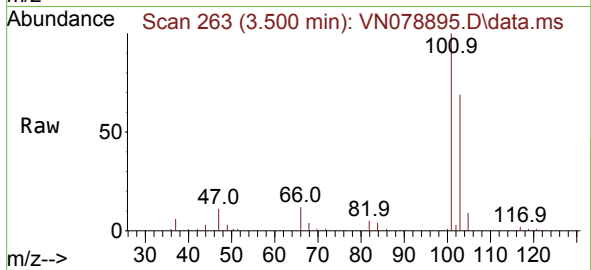




#7
Trichlorofluoromethane
Concen: 18.191 ug/l
RT: 3.500 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

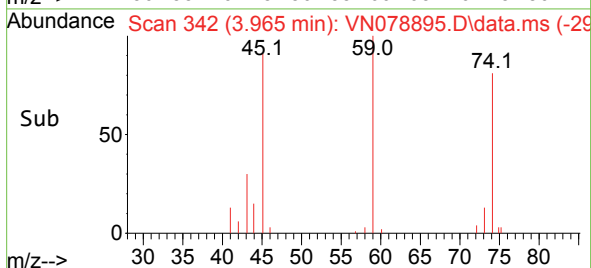
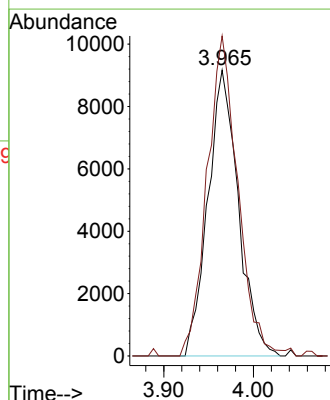
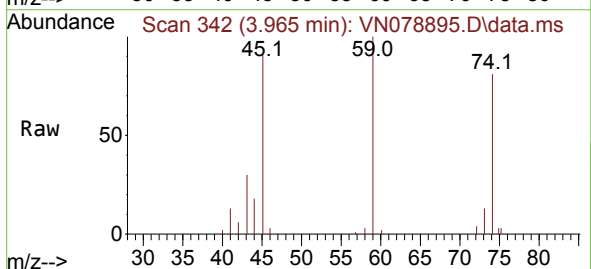
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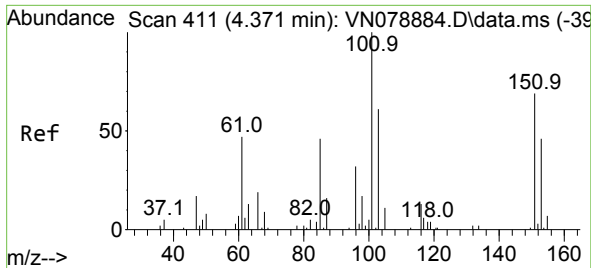
Tgt Ion:101 Resp: 62857
Ion Ratio Lower Upper
101 100
103 68.5 50.7 76.1



#8
Diethyl Ether
Concen: 16.484 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 74 Resp: 21593
Ion Ratio Lower Upper
74 100
45 113.4 34.4 103.3#

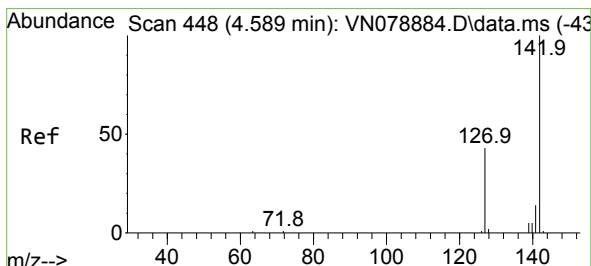
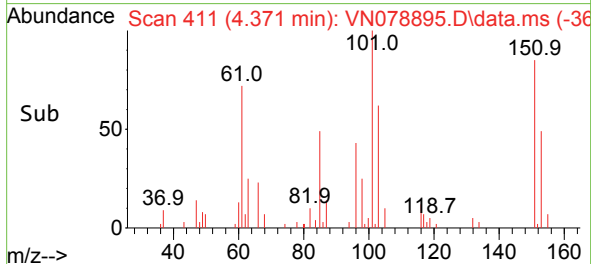
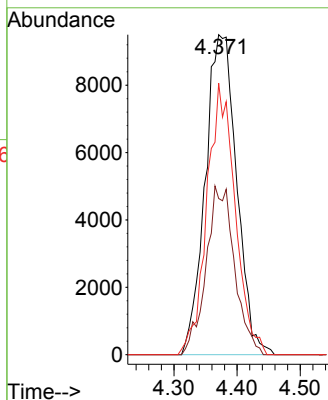
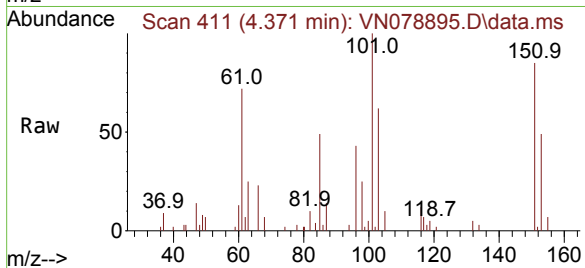




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.876 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

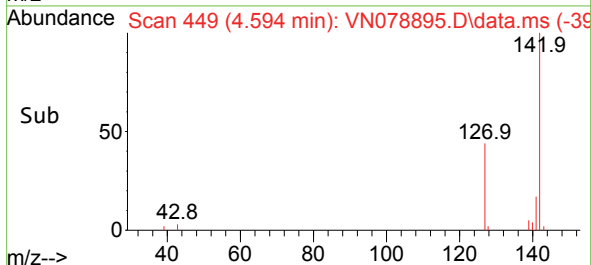
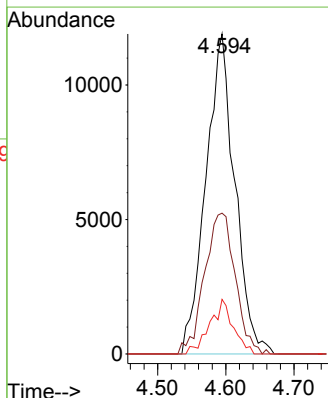
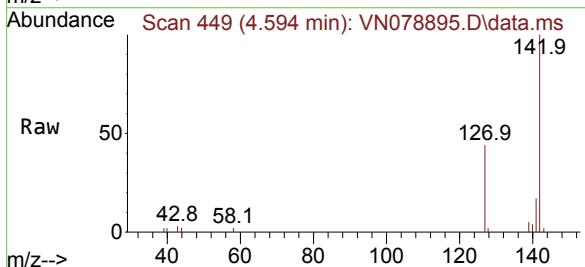
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

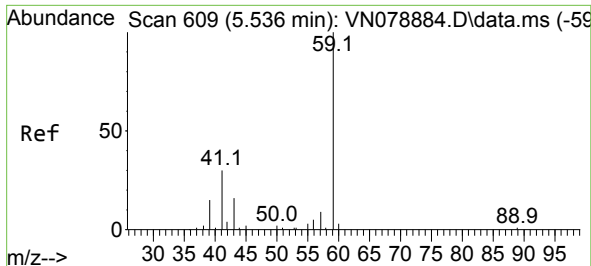
Tgt Ion:101 Resp: 32898
Ion Ratio Lower Upper
101 100
85 47.5 36.6 55.0
151 76.1 57.6 86.4



#10
Methyl Iodide
Concen: 17.068 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion:142 Resp: 35143
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 17.0 11.4 17.0

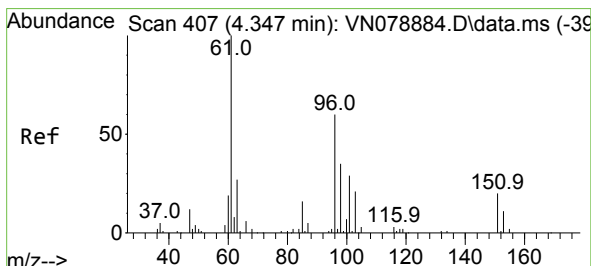
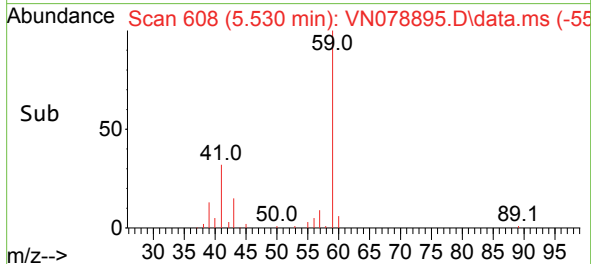
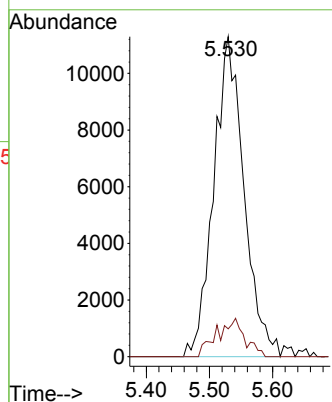
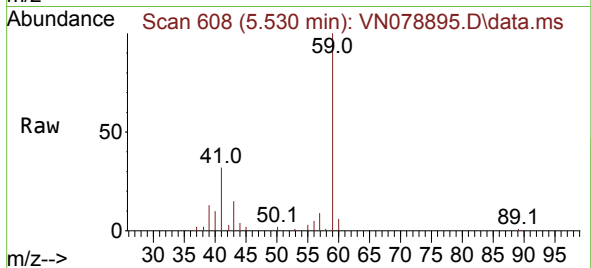




#11
Tert butyl alcohol
Concen: 86.187 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

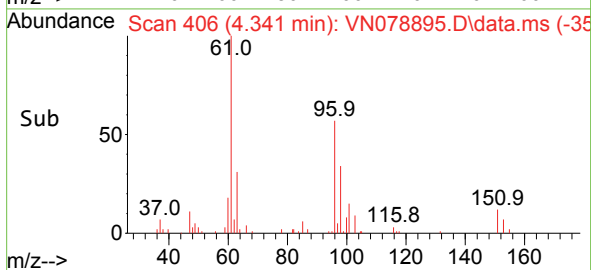
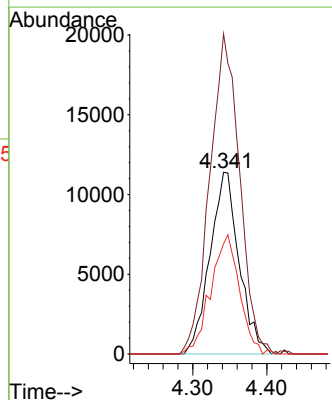
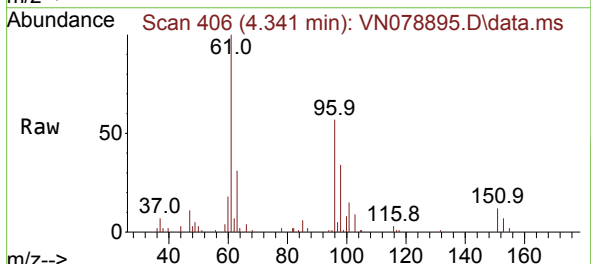
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

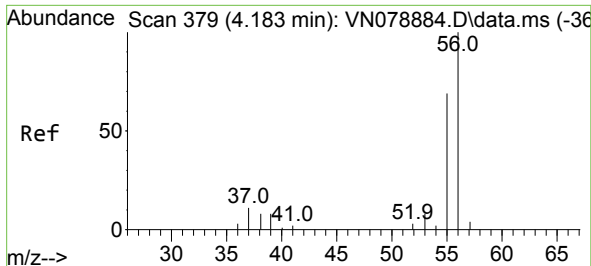
Tgt Ion: 59 Resp: 37578
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.379 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.007 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 96 Resp: 31155
Ion Ratio Lower Upper
96 100
61 176.2 112.7 169.1#
98 60.6 51.2 76.8

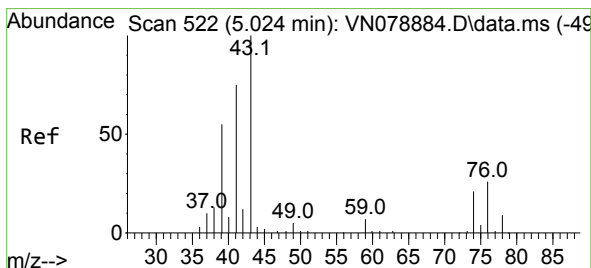
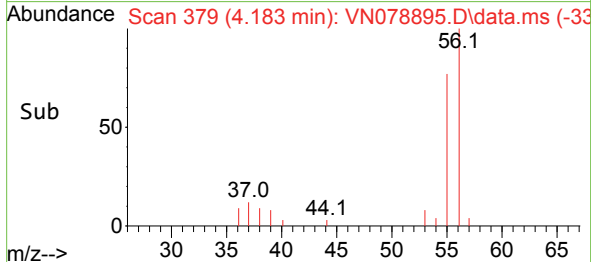
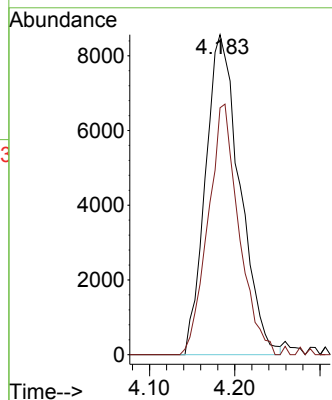
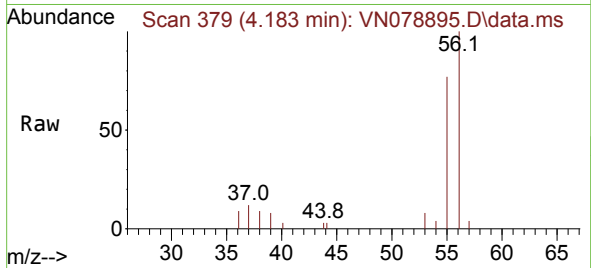




#13
Acrolein
Concen: 91.353 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.012 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

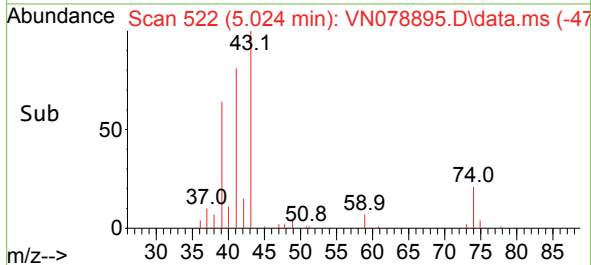
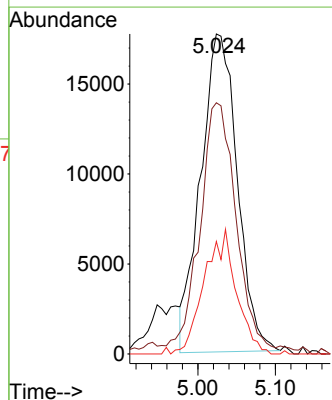
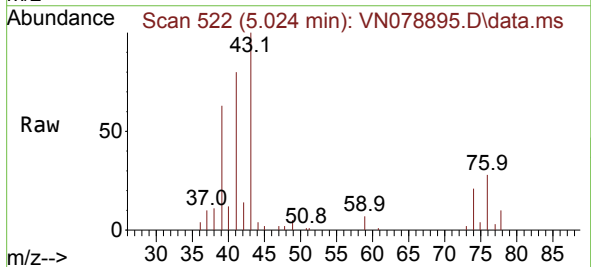
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

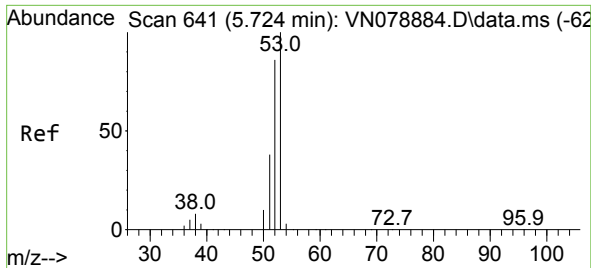
Tgt Ion: 56 Resp: 24014
Ion Ratio Lower Upper
56 100
55 70.3 54.5 81.7



#14
Allyl chloride
Concen: 16.258 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 41 Resp: 58007
Ion Ratio Lower Upper
41 100
39 75.5 58.8 88.2
76 34.3 39.1 58.7#

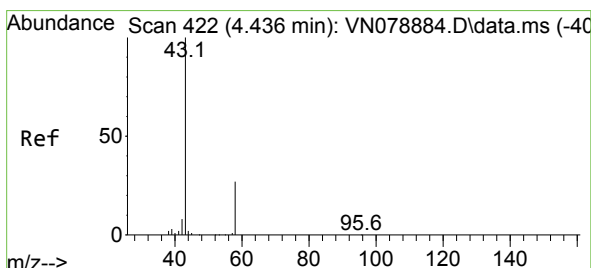
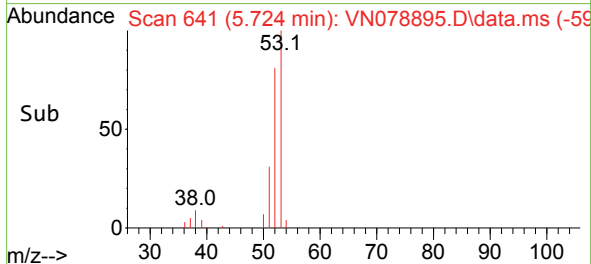
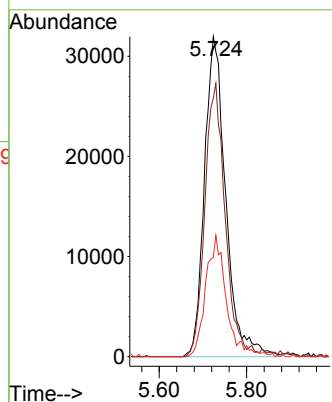
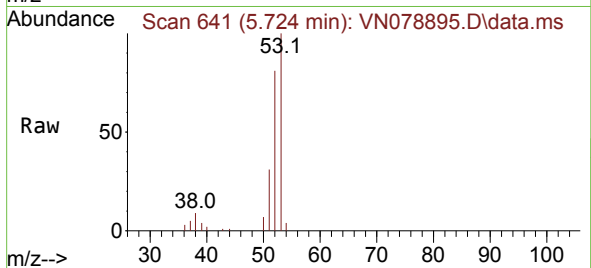




#15
Acrylonitrile
Concen: 91.809 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

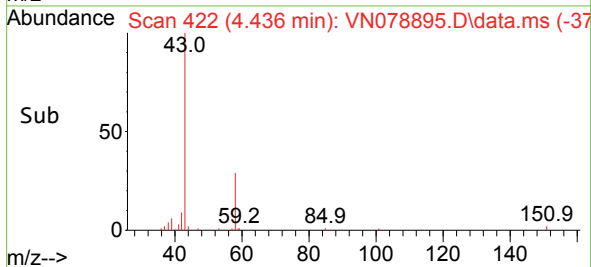
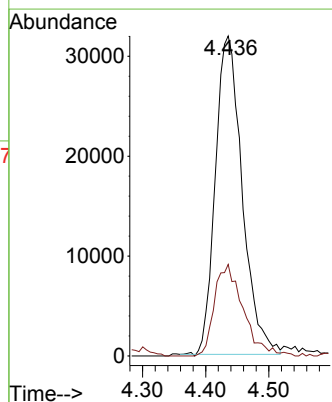
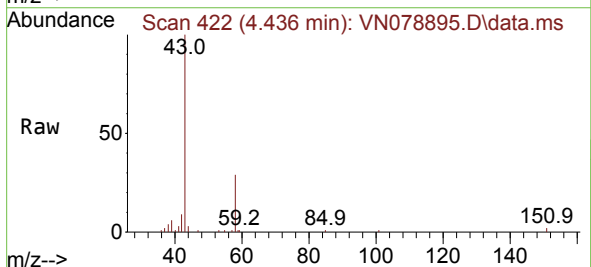
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

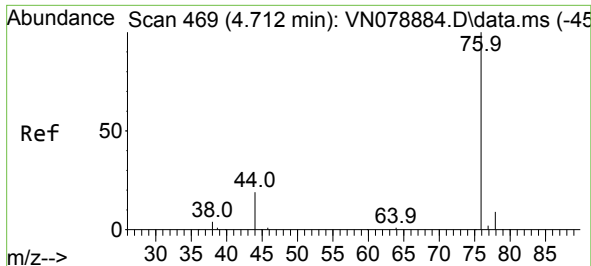
Tgt Ion: 53 Resp: 108442
Ion Ratio Lower Upper
53 100
52 80.3 65.3 97.9
51 36.8 28.9 43.3



#16
Acetone
Concen: 87.766 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 43 Resp: 94096
Ion Ratio Lower Upper
43 100
58 28.7 28.0 42.0

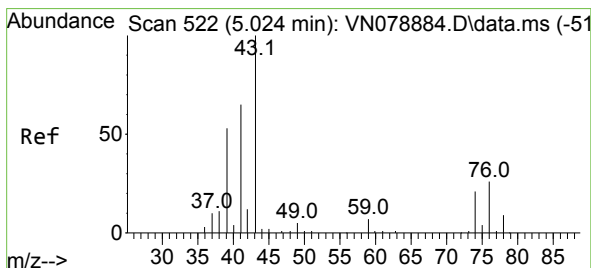
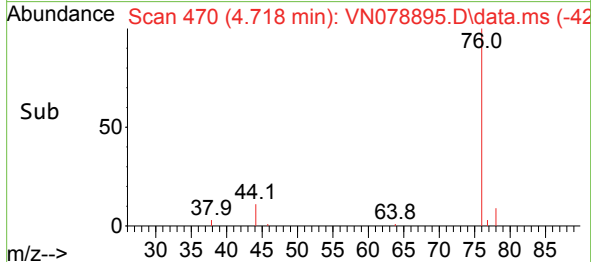
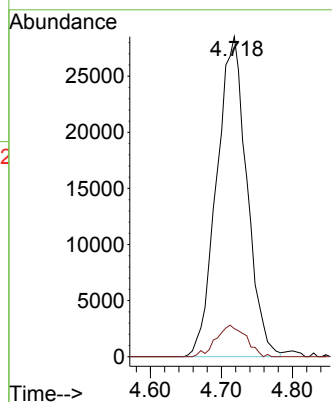
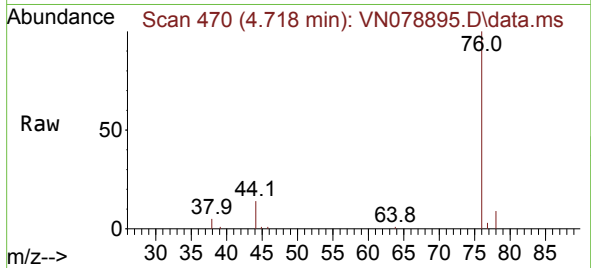




#17
Carbon Disulfide
Concen: 16.791 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

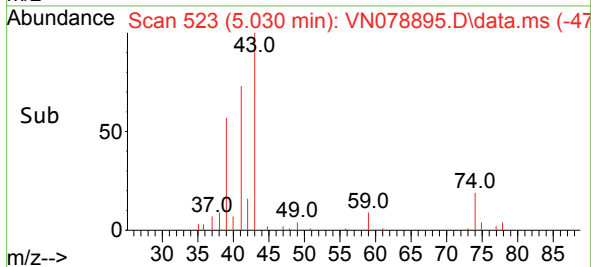
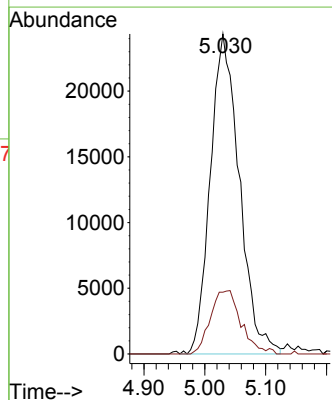
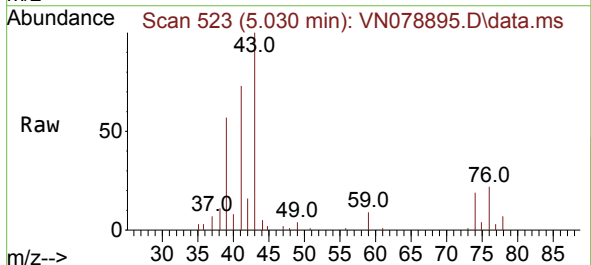
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

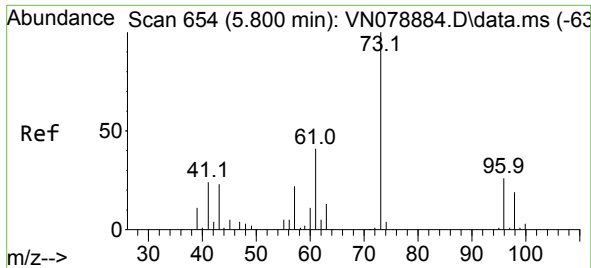
Tgt Ion: 76 Resp: 84258
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 17.800 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 43 Resp: 80619
Ion Ratio Lower Upper
43 100
74 21.0 26.2 39.4#

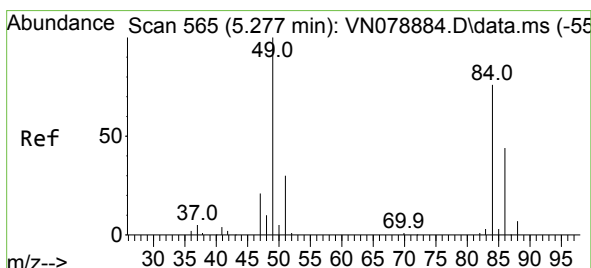
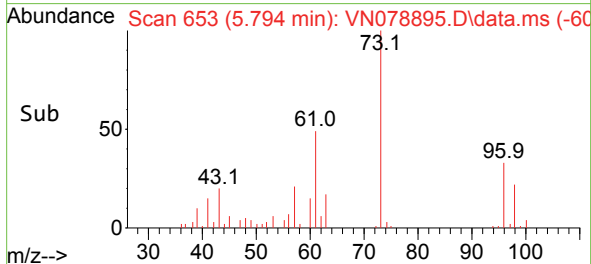
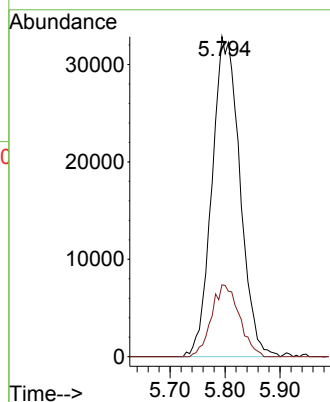
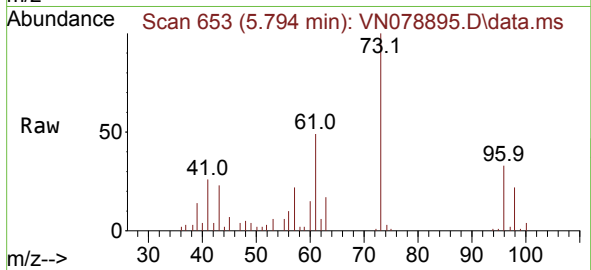




#19
Methyl tert-butyl Ether
Concen: 17.966 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.024 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

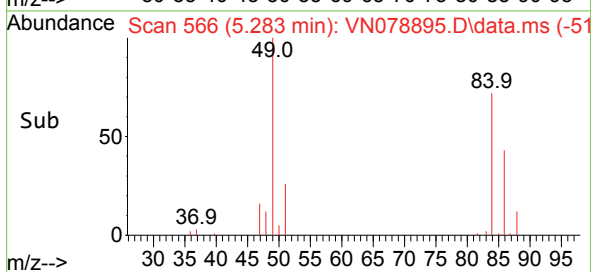
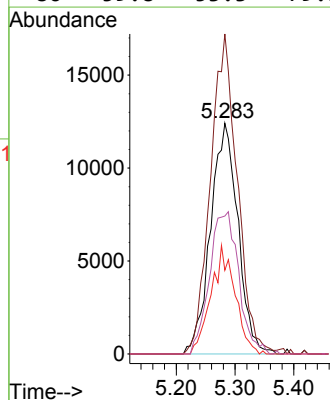
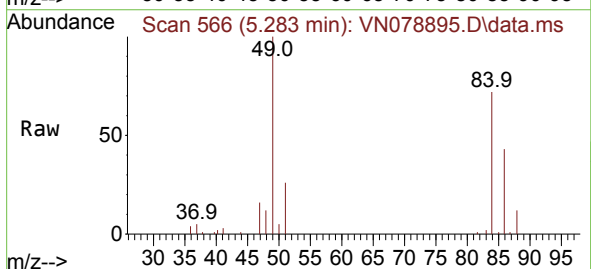
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

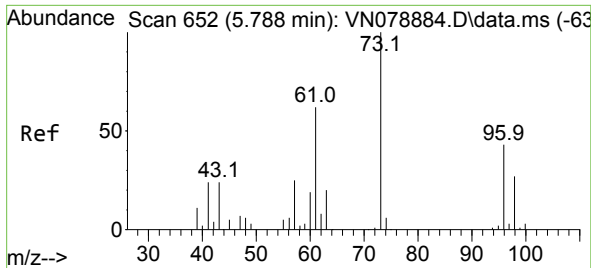
Tgt Ion: 73 Resp: 116018
Ion Ratio Lower Upper
73 100
57 22.4 15.6 23.4



#20
Methylene Chloride
Concen: 17.588 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 84 Resp: 40185
Ion Ratio Lower Upper
84 100
49 138.7 79.7 119.5#
51 36.3 25.2 37.8
86 59.8 53.3 79.9

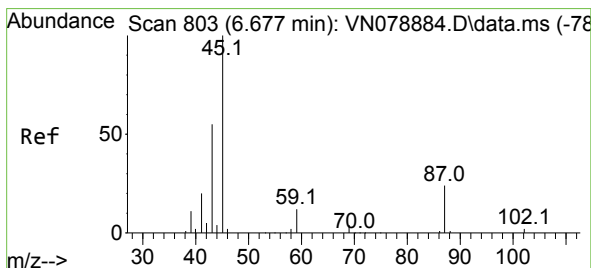
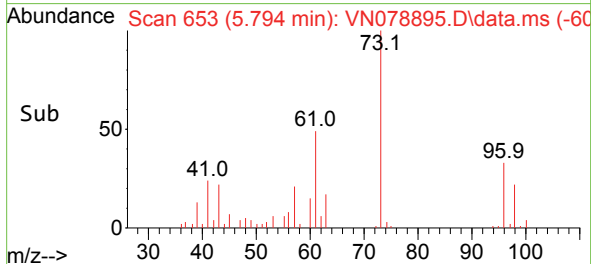
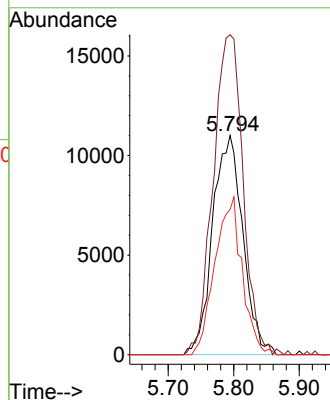
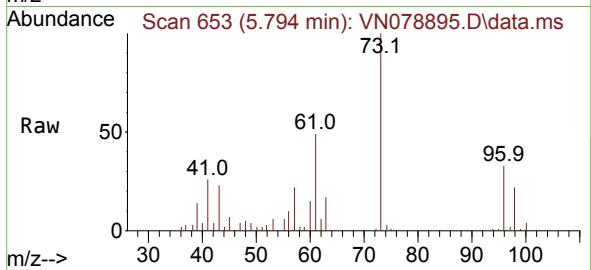




#21
trans-1,2-Dichloroethene
Concen: 17.489 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

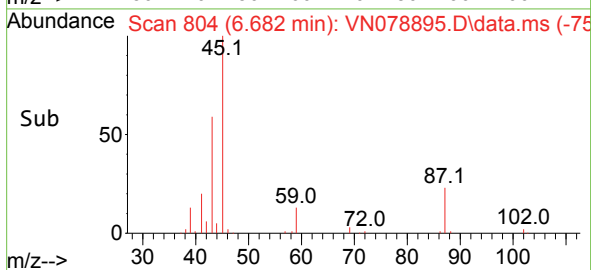
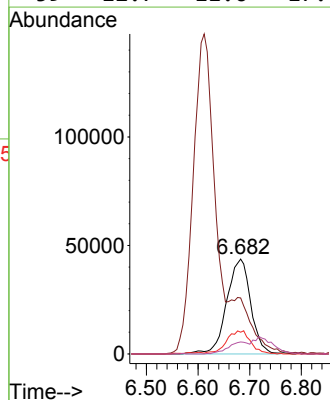
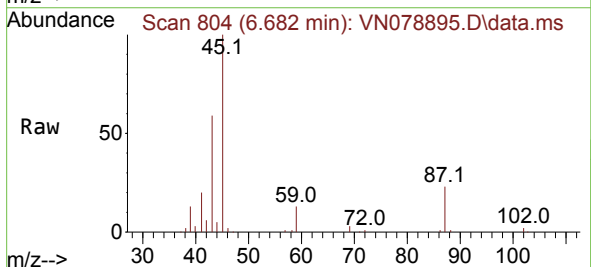
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

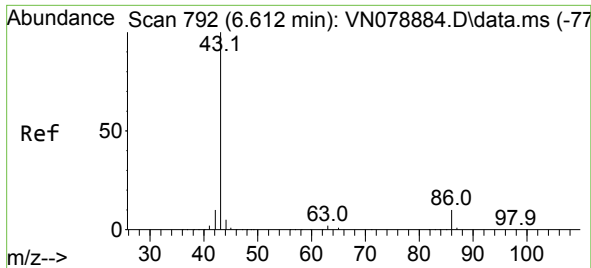
Tgt Ion: 96 Resp: 35156
Ion Ratio Lower Upper
96 100
61 146.0 90.1 135.1#
98 66.3 46.4 69.6



#22
Diisopropyl ether
Concen: 18.706 ug/l
RT: 6.682 min Scan# 804
Delta R.T. -0.007 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 45 Resp: 141196
Ion Ratio Lower Upper
45 100
43 56.4 45.5 68.3
87 22.4 31.8 47.8#
59 12.7 11.6 17.4

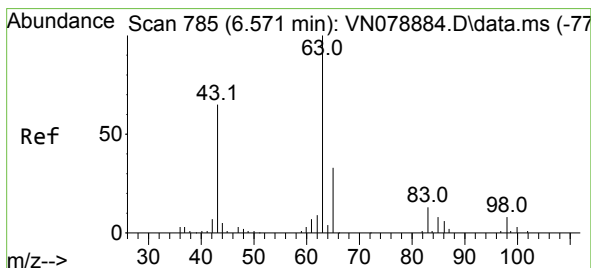
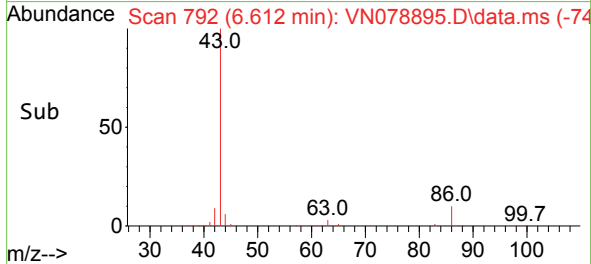
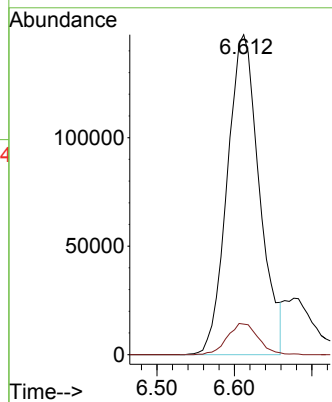
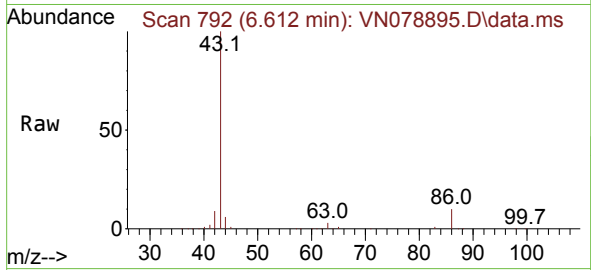




#23
 Vinyl Acetate
 Concen: 85.710 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078895.D
 Acq: 16 Aug 2023 11:54

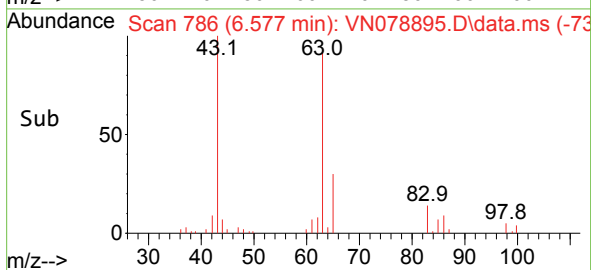
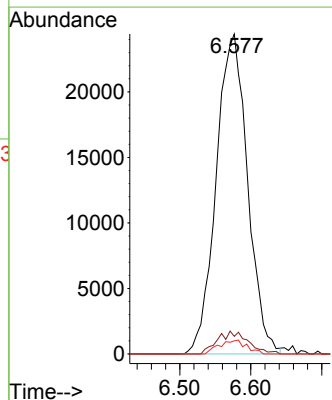
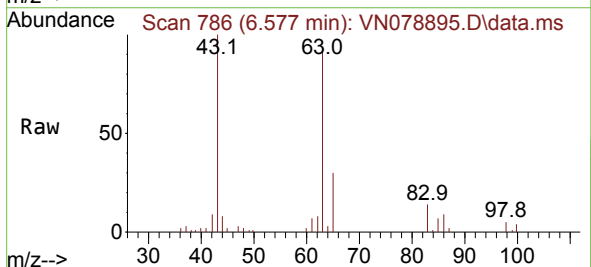
Instrument :
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 ClientSampleId :
 VN0816WBS01

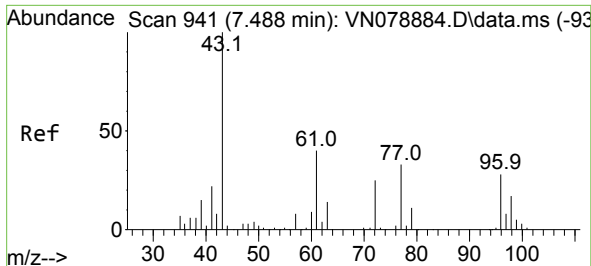
Tgt Ion: 43 Resp: 425971
 Ion Ratio Lower Upper
 43 100
 86 9.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 18.197 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078895.D
 Acq: 16 Aug 2023 11:54

Tgt Ion: 63 Resp: 75033
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.9 11.7
 100 4.1 2.5 7.4

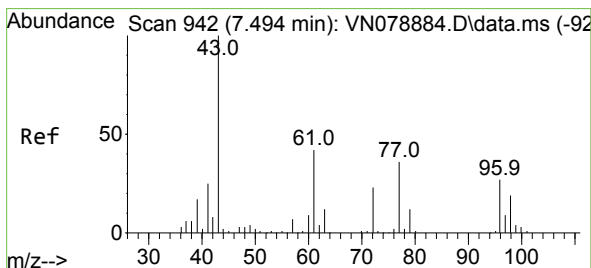
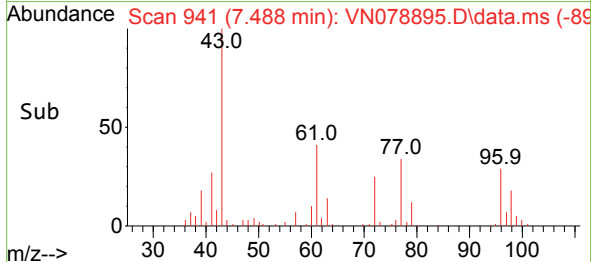
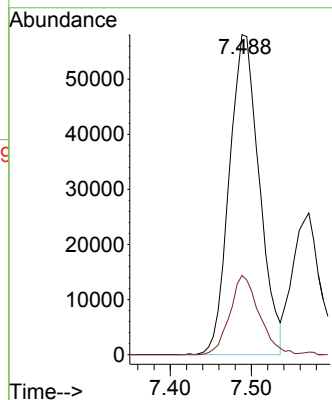
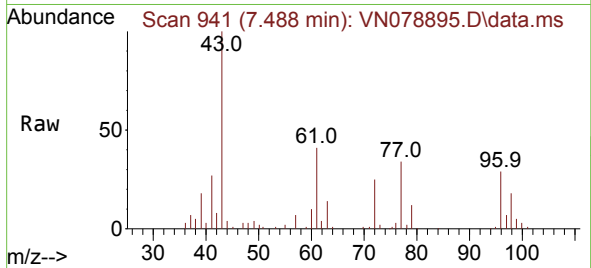




#25
2-Butanone
Concen: 86.905 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

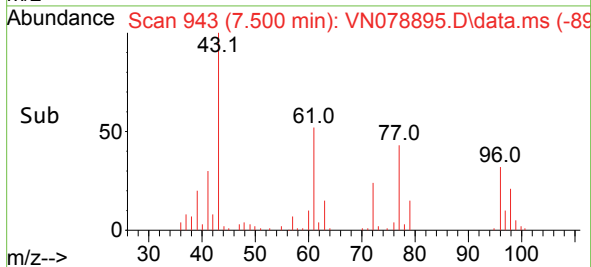
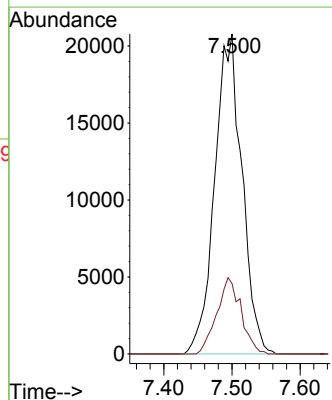
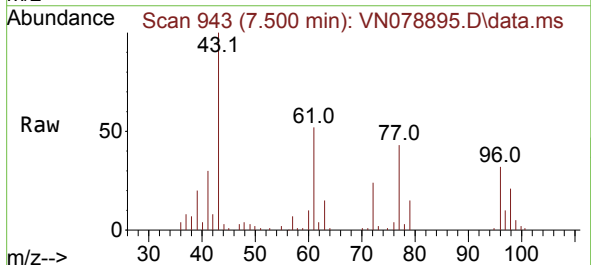
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

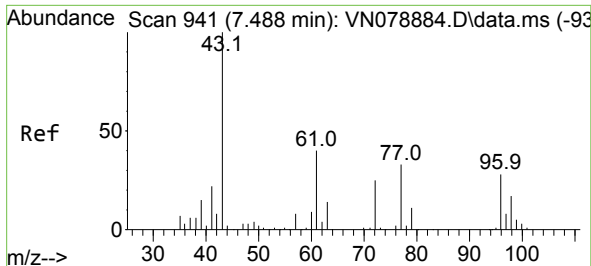
Tgt Ion: 43 Resp: 149381
Ion Ratio Lower Upper
43 100
72 24.8 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 17.355 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 77 Resp: 57844
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 16.992 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.012 min

Lab File: VN078895.D

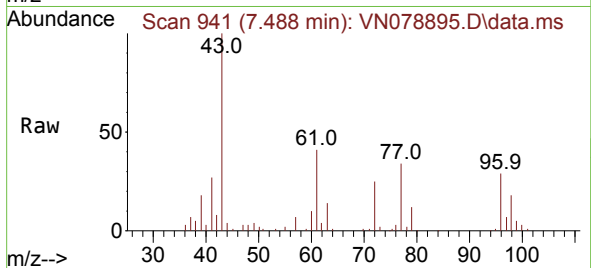
Acq: 16 Aug 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBS01



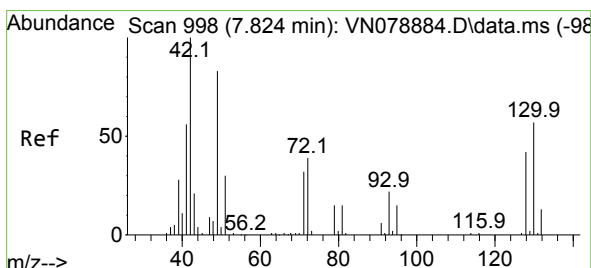
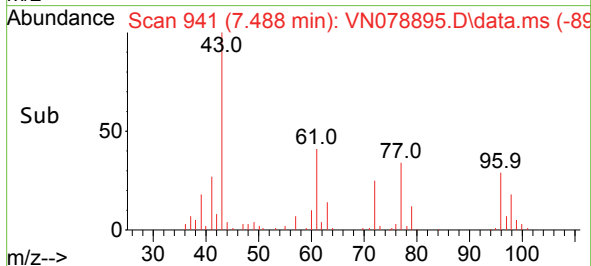
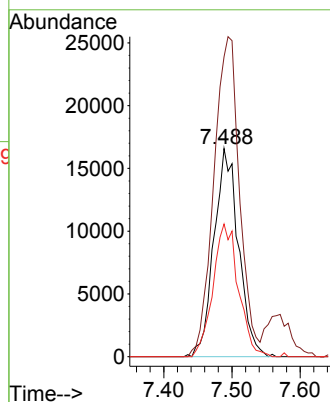
Tgt Ion: 96 Resp: 41517

Ion Ratio Lower Upper

96 100

61 161.2 0.0 255.2

98 66.1 0.0 128.8



#28

Bromochloromethane

Concen: 20.124 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN078895.D

Acq: 16 Aug 2023 11:54

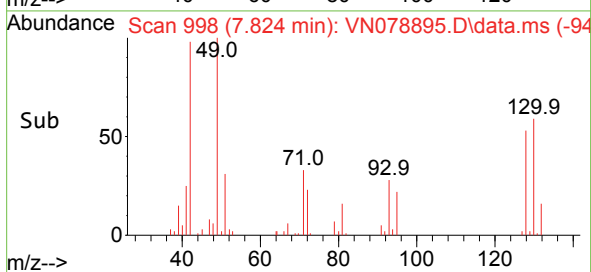
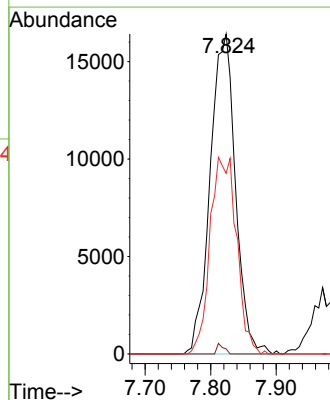
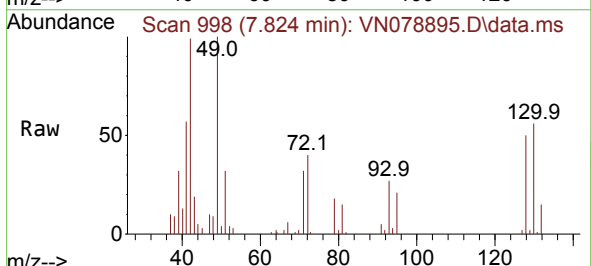
Tgt Ion: 49 Resp: 44019

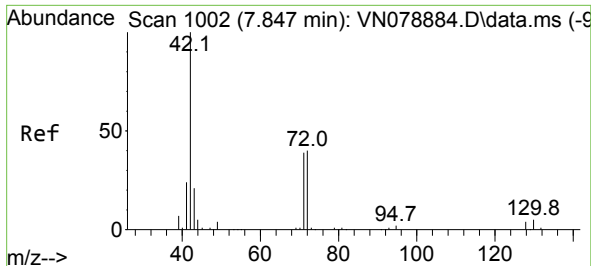
Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.8

130 64.3 75.3 112.9#





#29

Tetrahydrofuran

Concen: 91.025 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN078895.D

Acq: 16 Aug 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBS01

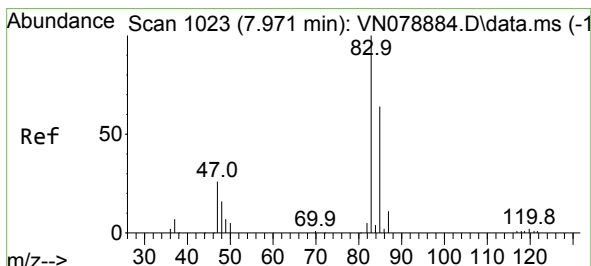
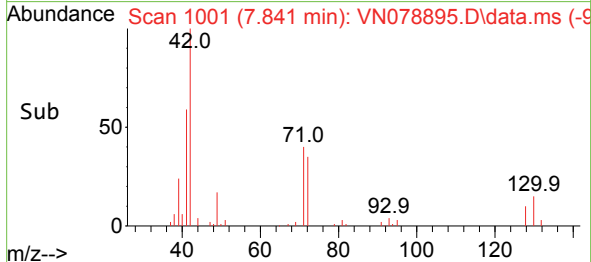
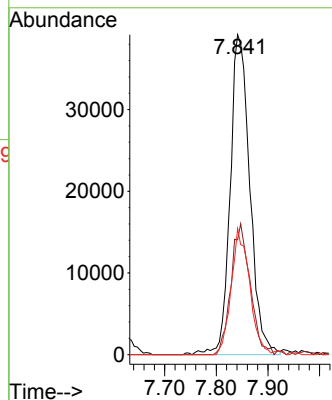
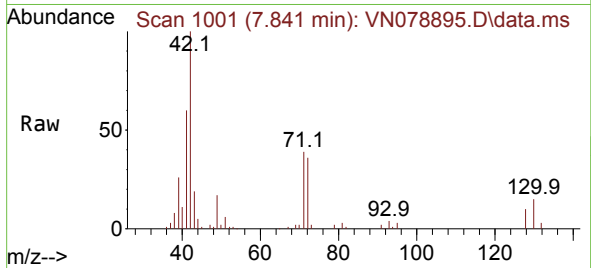
Tgt Ion: 42 Resp: 103562

Ion Ratio Lower Upper

42 100

72 39.8 49.8 74.6#

71 36.7 47.4 71.2#



#30

Chloroform

Concen: 18.723 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.012 min

Lab File: VN078895.D

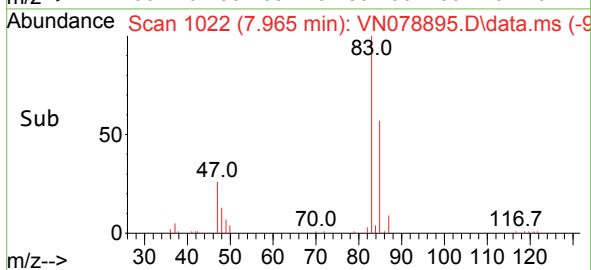
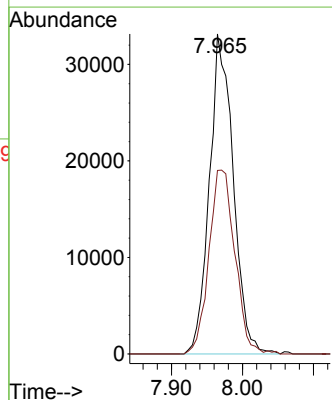
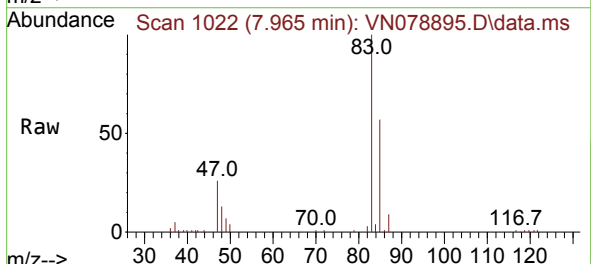
Acq: 16 Aug 2023 11:54

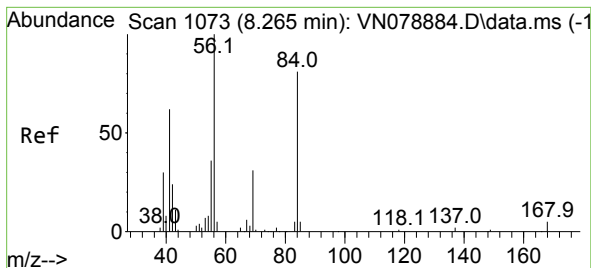
Tgt Ion: 83 Resp: 77130

Ion Ratio Lower Upper

83 100

85 57.3 55.4 83.0





#31

Cyclohexane

Concen: 18.085 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN078895.D

Acq: 16 Aug 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBS01

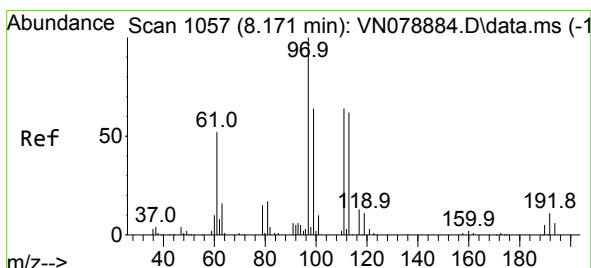
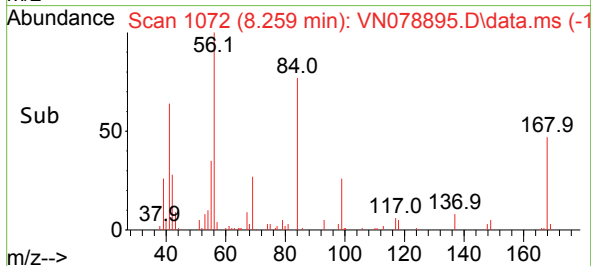
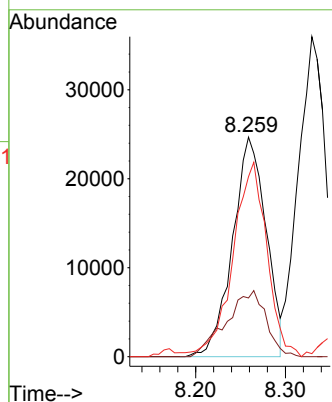
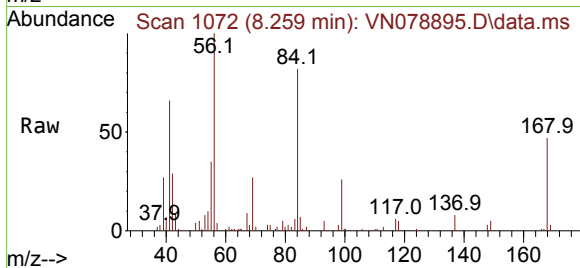
Tgt Ion: 56 Resp: 64067

Ion Ratio Lower Upper

56 100

69 26.8 26.8 40.2#

84 80.1 81.8 122.6#



#32

1,1,1-Trichloroethane

Concen: 18.200 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078895.D

Acq: 16 Aug 2023 11:54

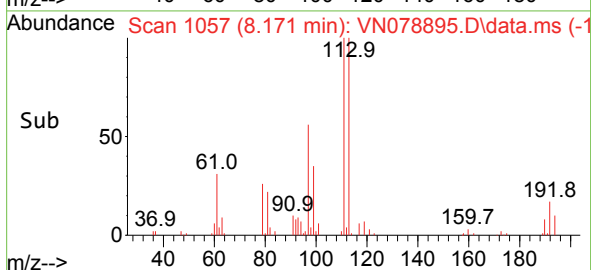
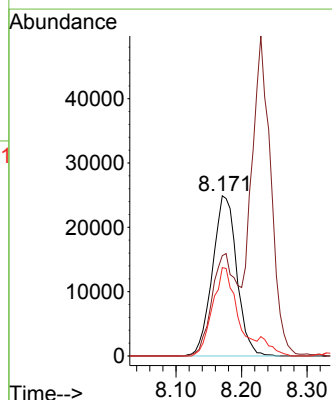
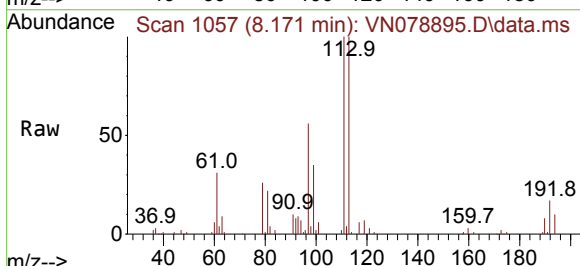
Tgt Ion: 97 Resp: 63928

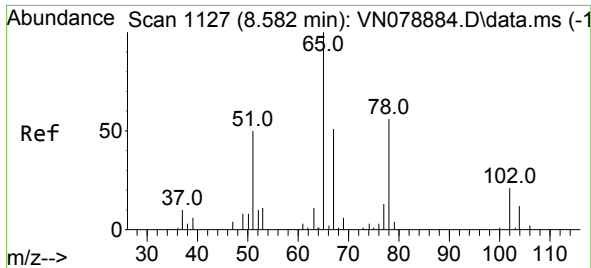
Ion Ratio Lower Upper

97 100

99 66.7 50.3 75.5

61 56.4 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 53.450 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078895.D

Acq: 16 Aug 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

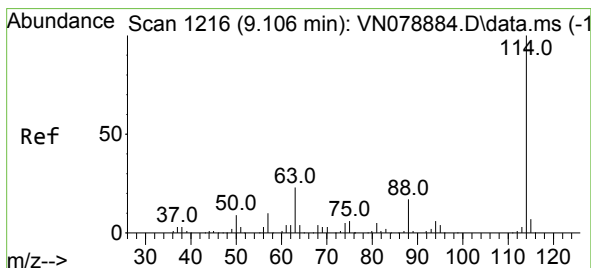
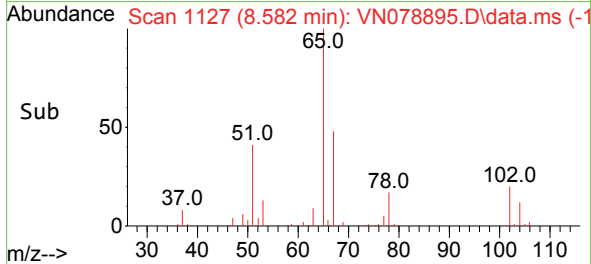
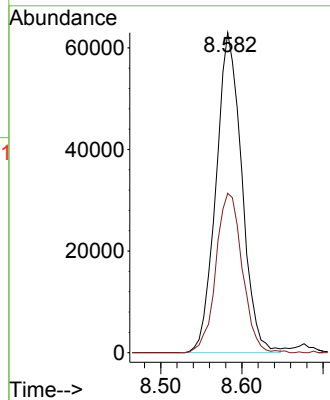
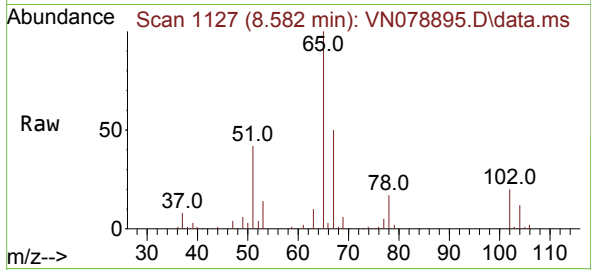
VN0816WBS01

Tgt Ion: 65 Resp: 138881

Ion Ratio Lower Upper

65 100

67 51.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN078895.D

Acq: 16 Aug 2023 11:54

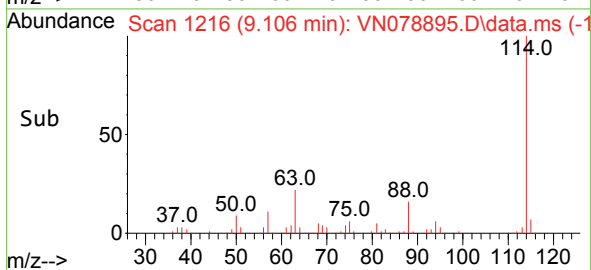
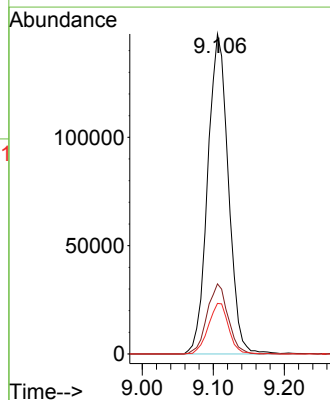
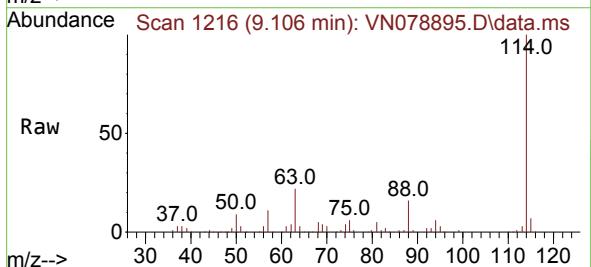
Tgt Ion: 114 Resp: 298474

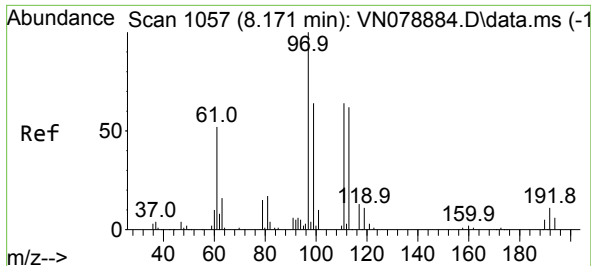
Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

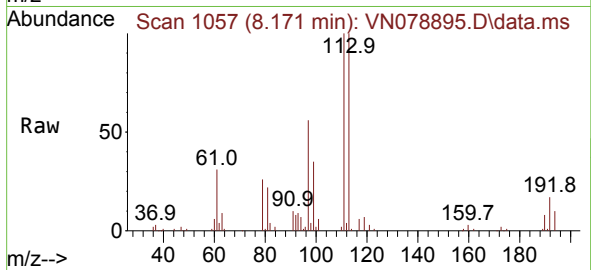
88 15.8 0.0 30.6



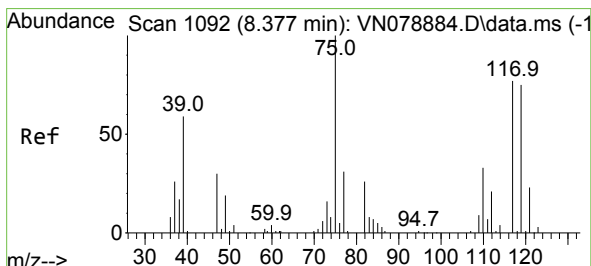
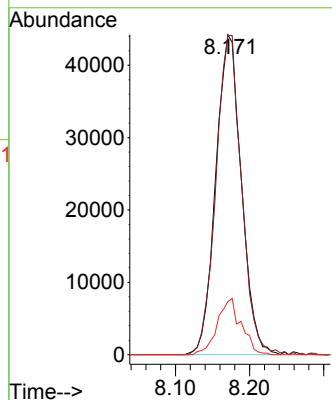
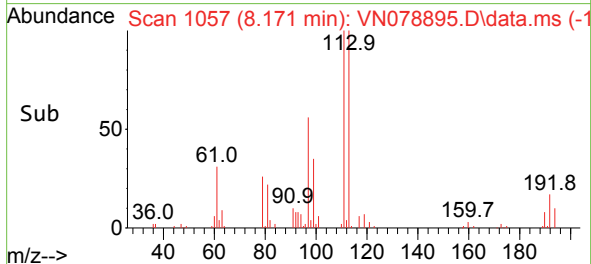


#35
Dibromofluoromethane
Concen: 52.753 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

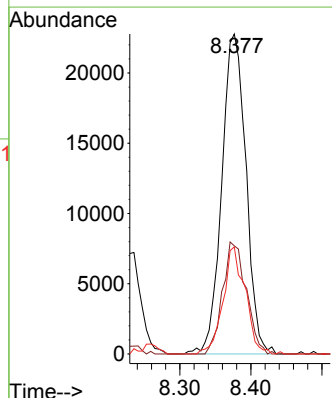
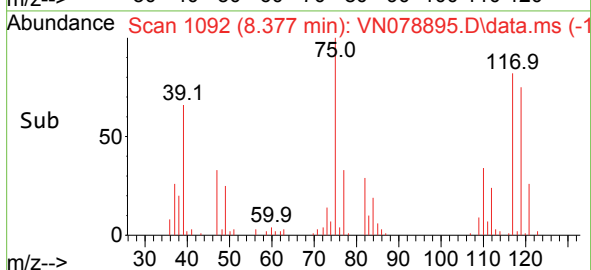
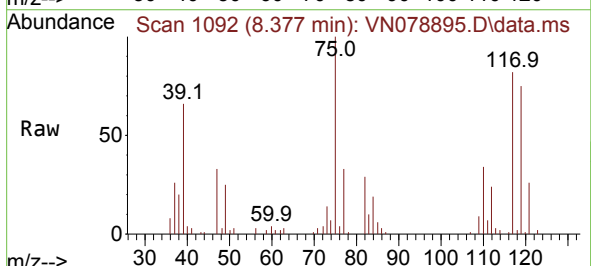


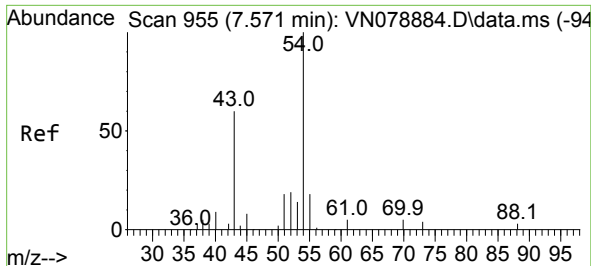
Tgt Ion:113 Resp: 105989
Ion Ratio Lower Upper
113 100
111 99.8 82.6 123.8
192 16.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 17.839 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.001 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 75 Resp: 53914
Ion Ratio Lower Upper
75 100
110 34.1 19.1 57.3
77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 18.658 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078895.D

Acq: 16 Aug 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBS01

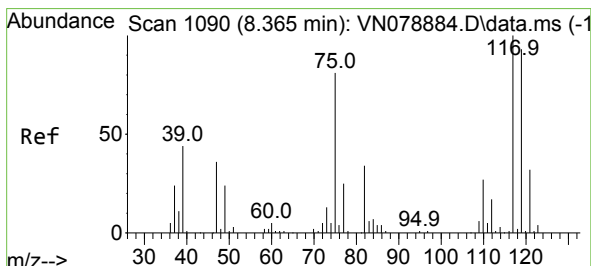
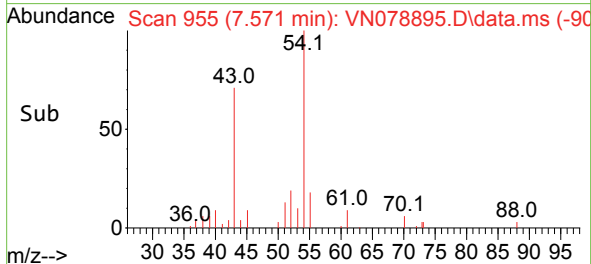
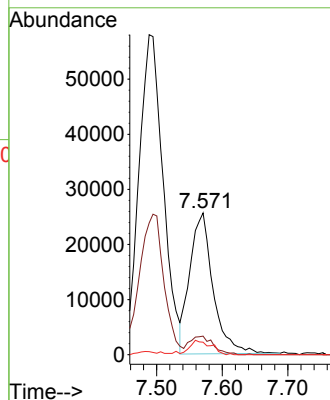
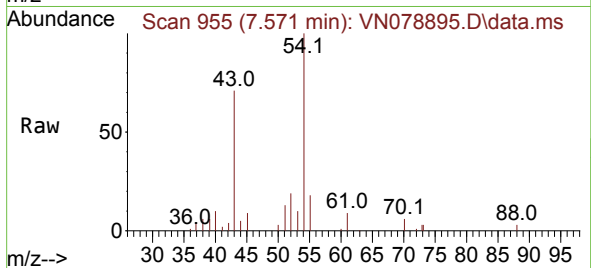
Tgt Ion: 43 Resp: 63091

Ion Ratio Lower Upper

43 100

61 13.3 13.2 19.8

70 9.8 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 17.908 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN078895.D

Acq: 16 Aug 2023 11:54

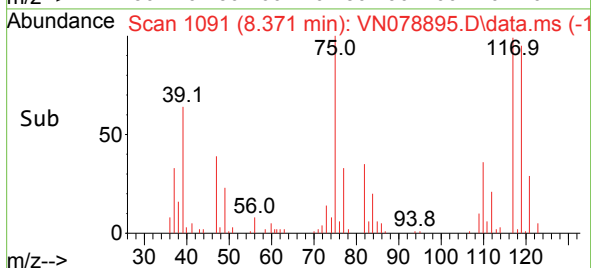
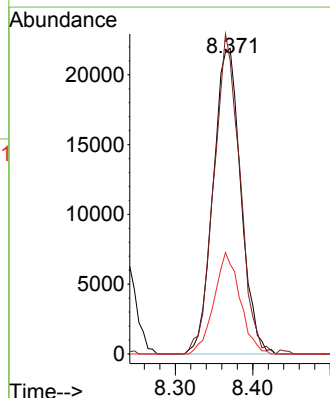
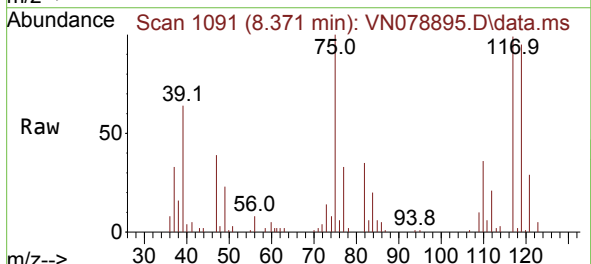
Tgt Ion: 117 Resp: 54232

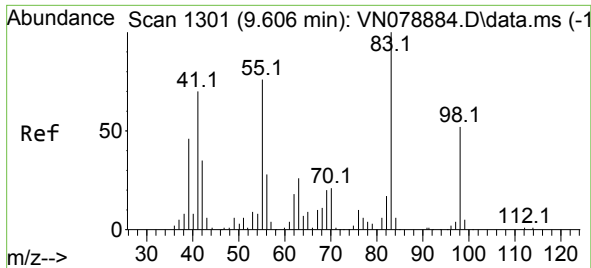
Ion Ratio Lower Upper

117 100

119 96.1 77.3 115.9

121 29.4 23.3 34.9

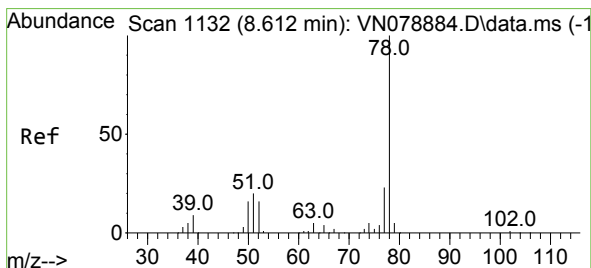
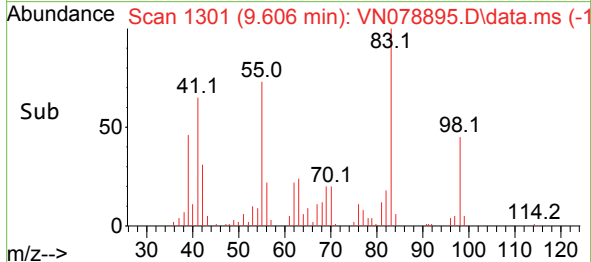
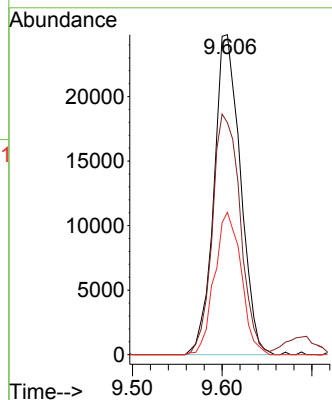
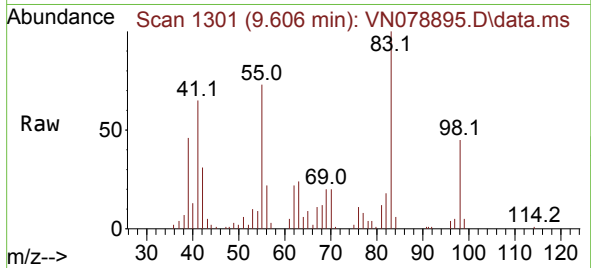




#39
Methylcyclohexane
Concen: 18.279 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

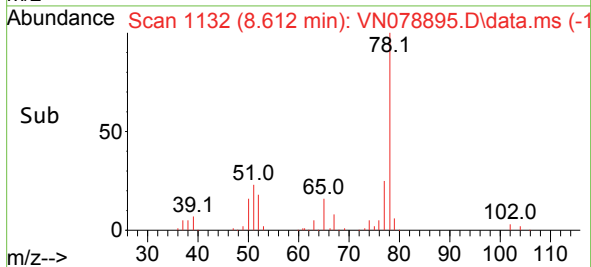
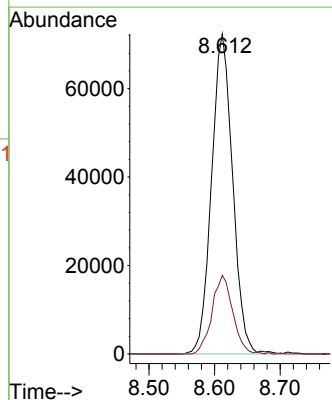
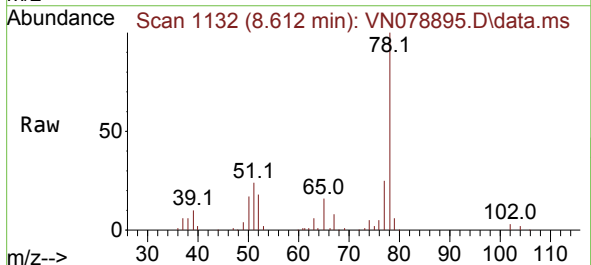
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

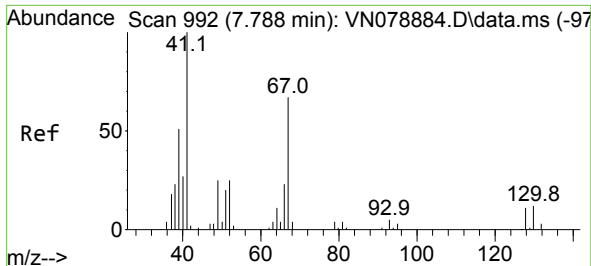
Tgt Ion: 83 Resp: 50809
Ion Ratio Lower Upper
83 100
55 72.5 49.1 73.7
98 44.5 40.6 61.0



#40
Benzene
Concen: 18.078 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 78 Resp: 161499
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6

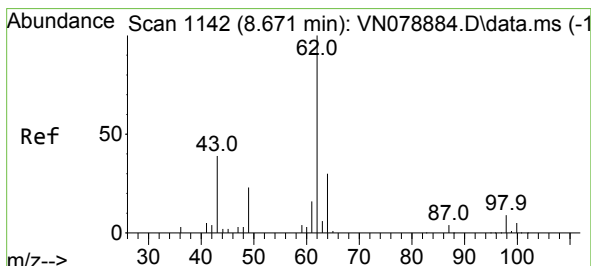
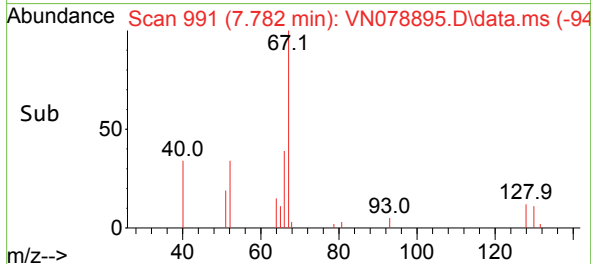
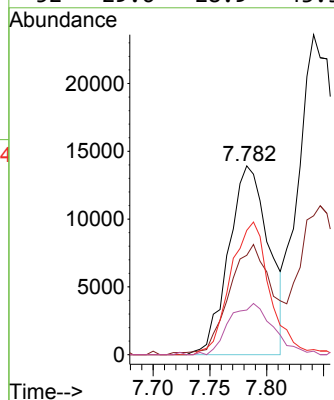
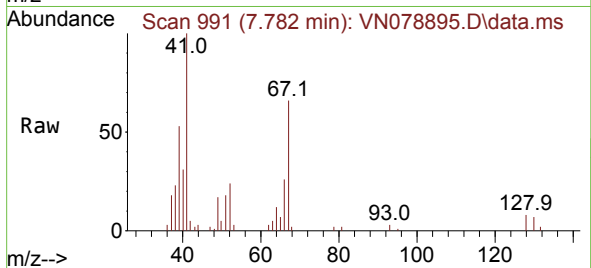




#41
Methacrylonitrile
Concen: 18.607 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.012 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

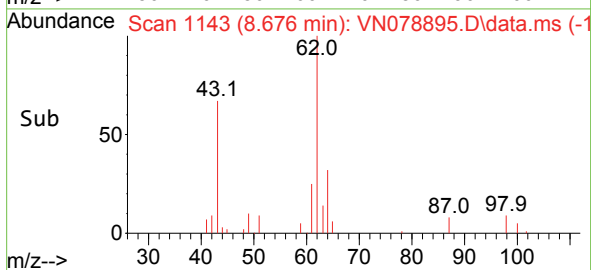
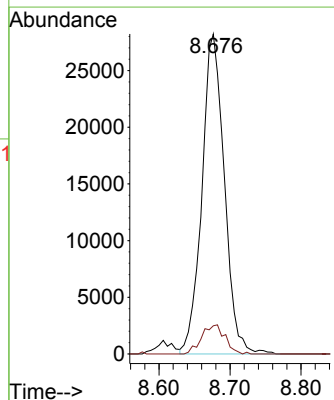
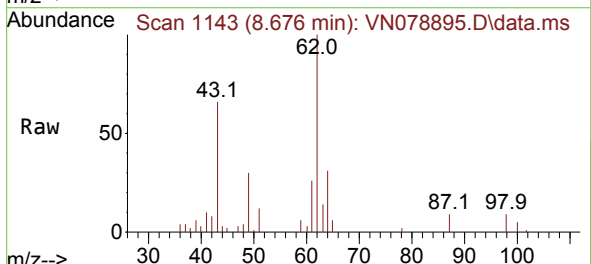
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

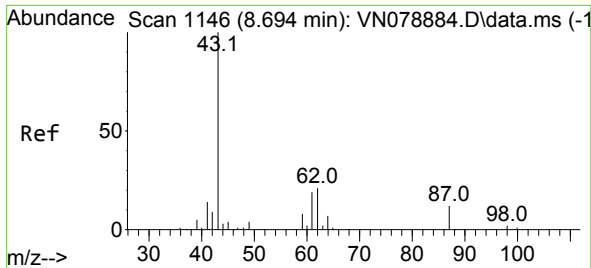
Tgt Ion:	41	Resp:	34268
Ion	Ratio	Lower	Upper
41	100		
39	64.5	42.6	64.0#
67	69.2	77.5	116.3#
52	29.6	28.9	43.3



#42
1,2-Dichloroethane
Concen: 18.576 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion:	62	Resp:	61998
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8

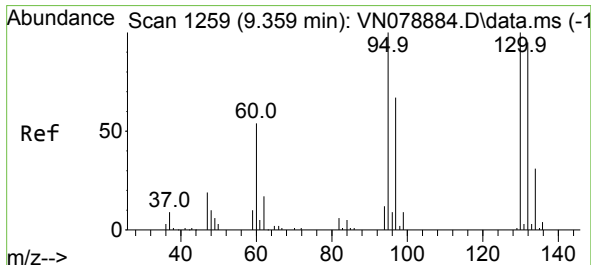
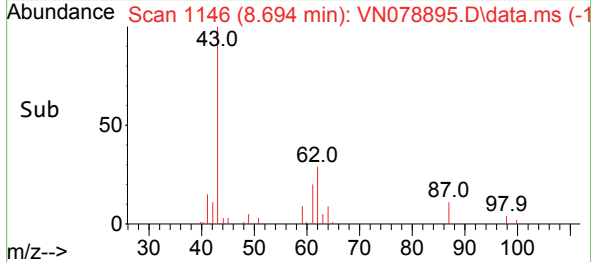
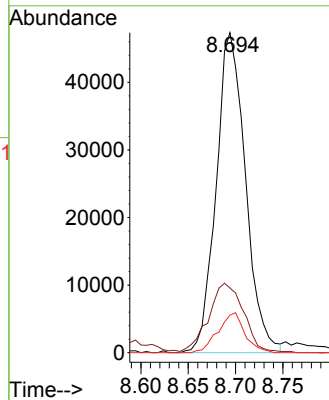
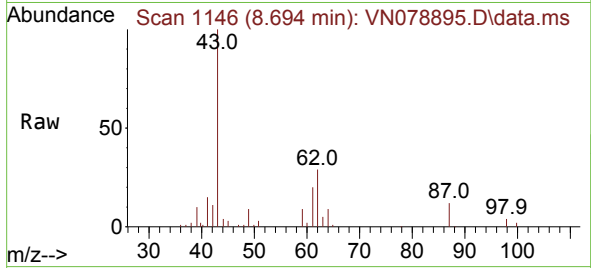




#43
Isopropyl Acetate
Concen: 17.047 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

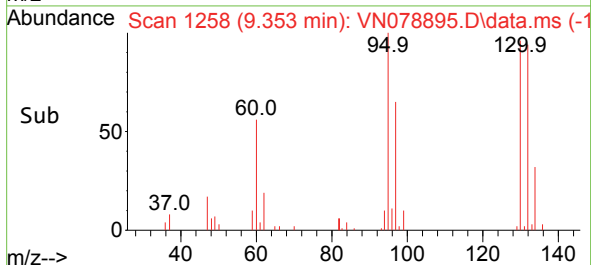
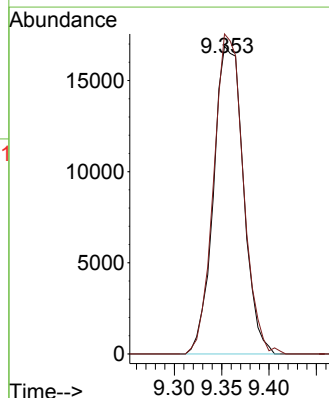
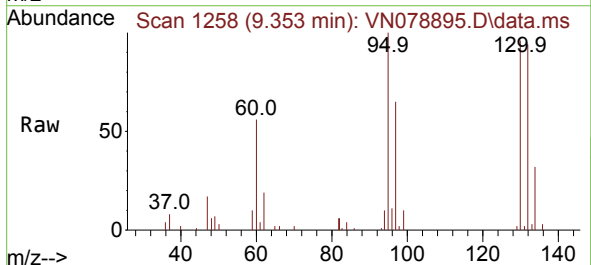
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

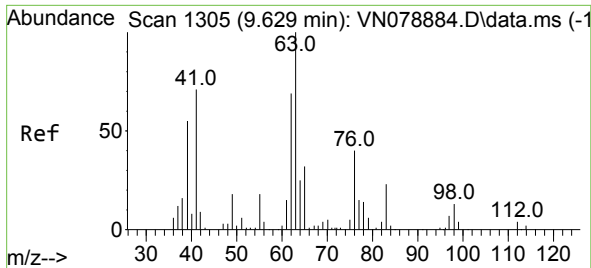
Tgt Ion: 43 Resp: 101890
Ion Ratio Lower Upper
43 100
61 26.0 24.7 37.1
87 11.3 14.6 21.8#



#44
Trichloroethene
Concen: 17.427 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion:130 Resp: 36991
Ion Ratio Lower Upper
130 100
95 103.9 0.0 204.6

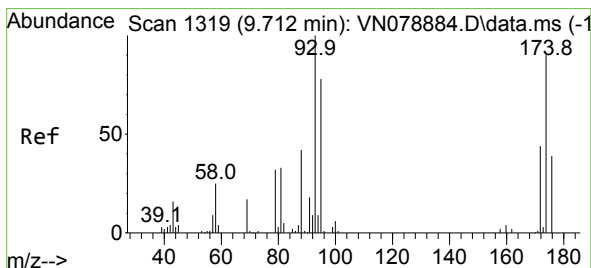
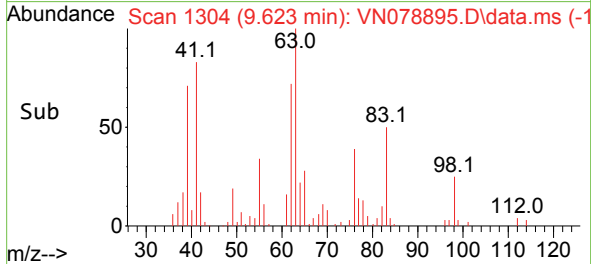
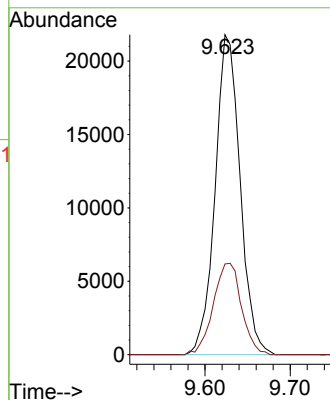
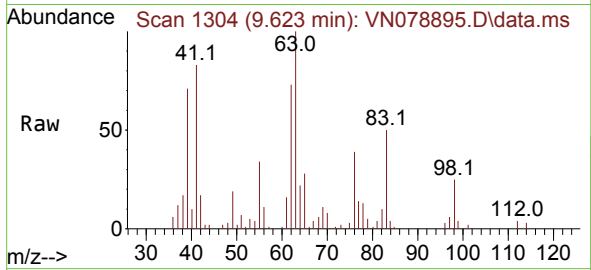




#45
1,2-Dichloropropane
Concen: 18.655 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

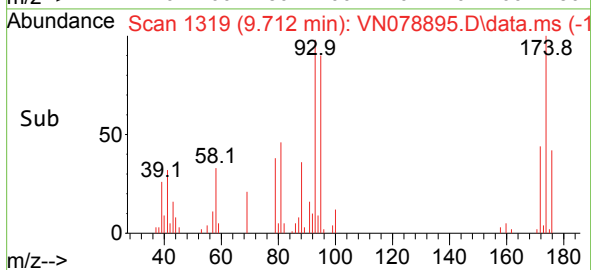
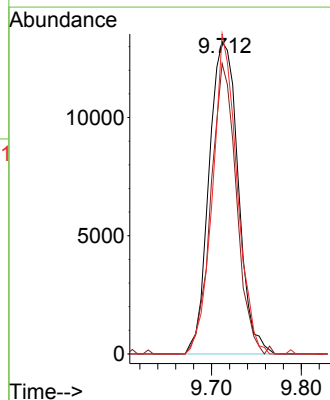
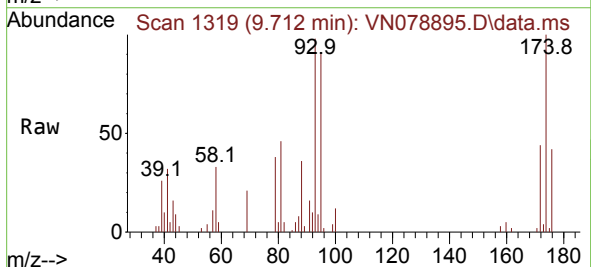
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

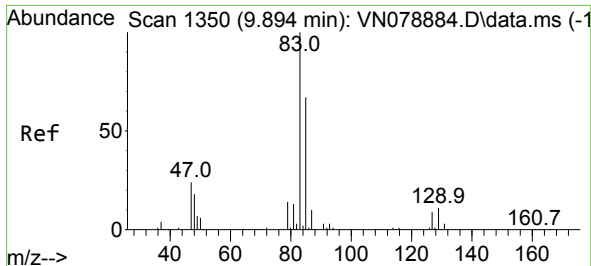
Tgt Ion: 63 Resp: 44370
Ion Ratio Lower Upper
63 100
65 28.3 23.9 35.9



#46
Dibromomethane
Concen: 18.216 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 93 Resp: 29716
Ion Ratio Lower Upper
93 100
95 81.5 63.8 95.8
174 86.5 65.6 98.4

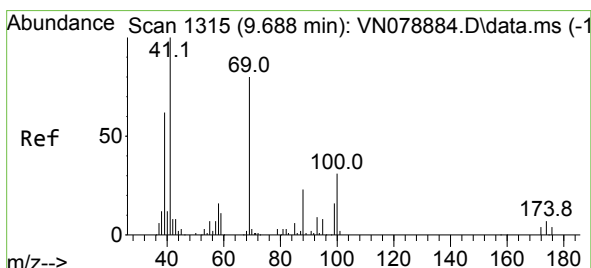
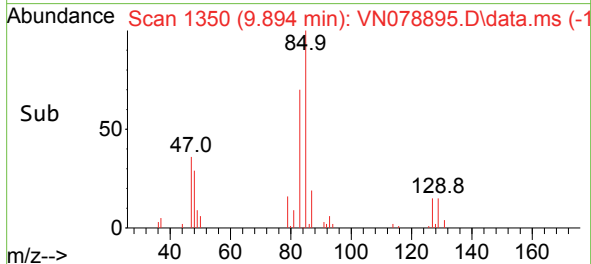
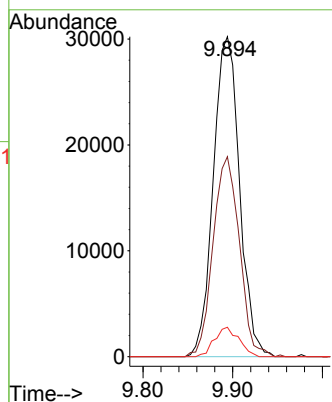
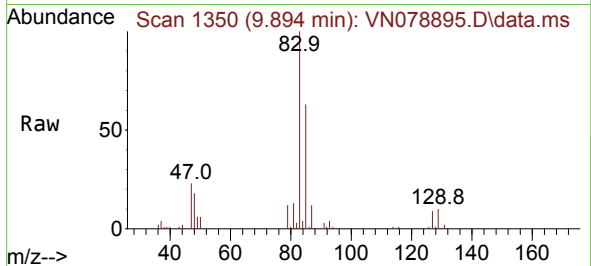




#47
Bromodichloromethane
Concen: 19.053 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

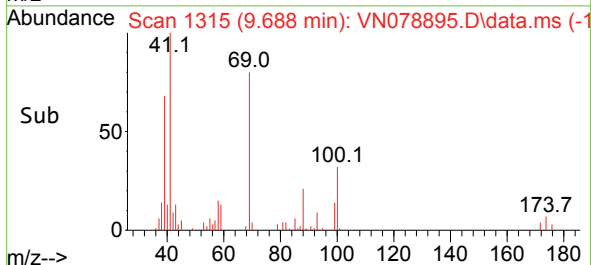
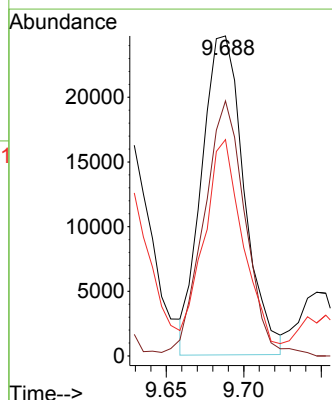
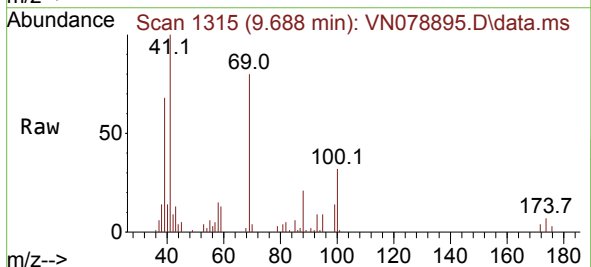
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

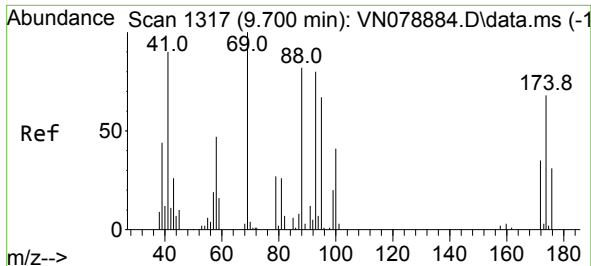
Tgt Ion: 83 Resp: 61375
Ion Ratio Lower Upper
83 100
85 62.5 49.6 74.4
127 9.2 7.0 10.6



#48
Methyl methacrylate
Concen: 17.342 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 41 Resp: 46968
Ion Ratio Lower Upper
41 100
69 78.5 90.4 135.6#
39 64.5 54.6 81.8





#49

1,4-Dioxane

Concen: 353.334 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078895.D

Acq: 16 Aug 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBS01

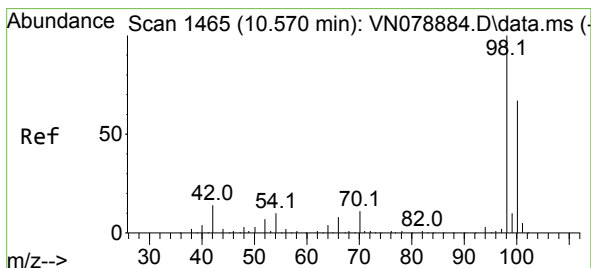
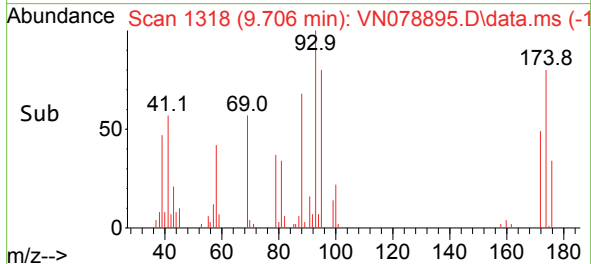
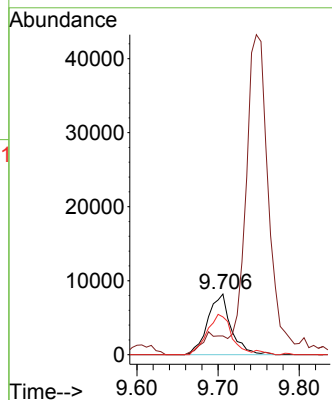
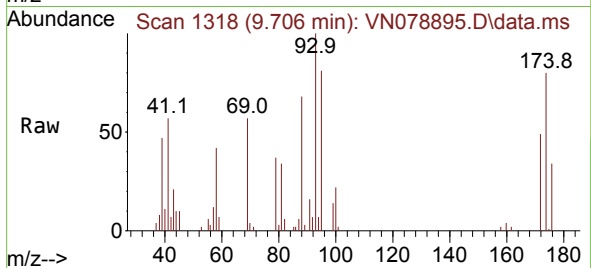
Tgt Ion: 88 Resp: 16300

Ion Ratio Lower Upper

88 100

43 35.9 17.0 25.6#

58 69.9 47.0 70.4



#50

Toluene-d8

Concen: 53.625 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN078895.D

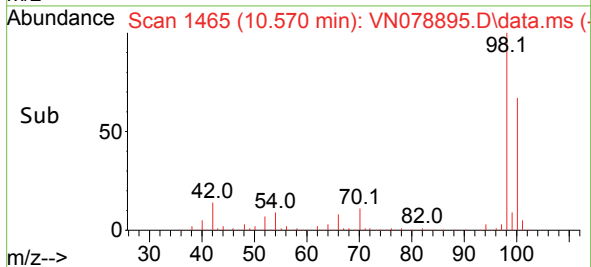
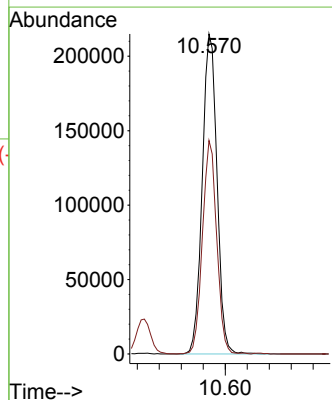
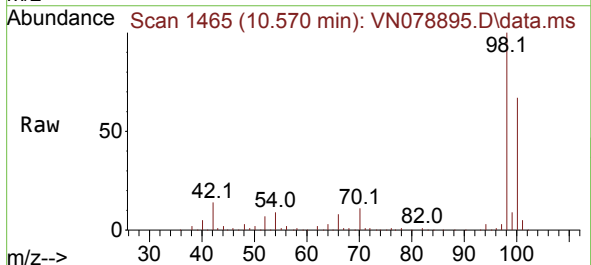
Acq: 16 Aug 2023 11:54

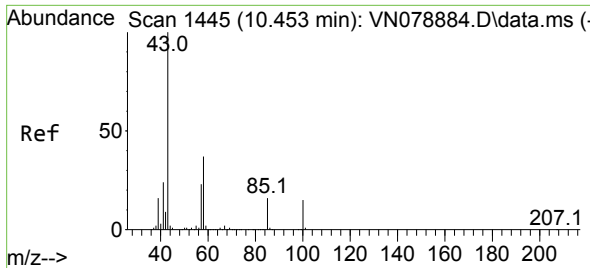
Tgt Ion: 98 Resp: 400053

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

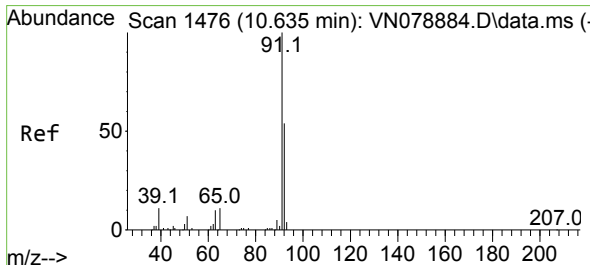
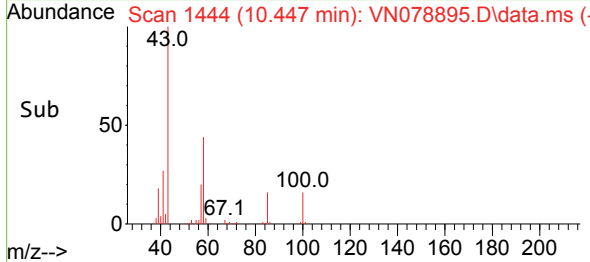
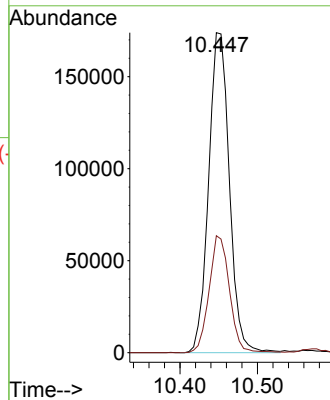
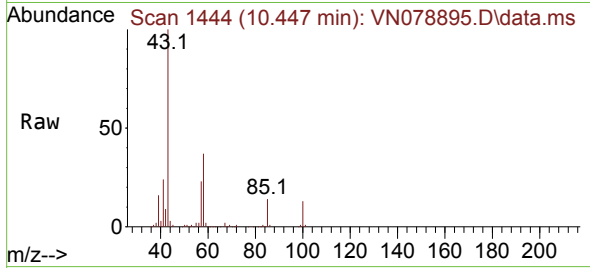




#51
4-Methyl-2-Pentanone
Concen: 91.195 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

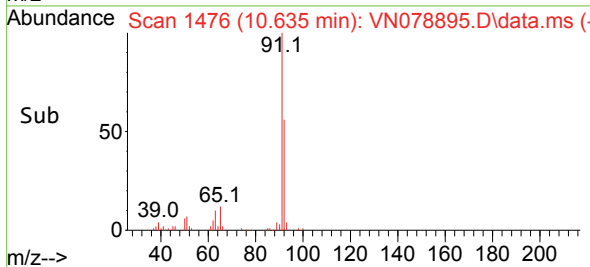
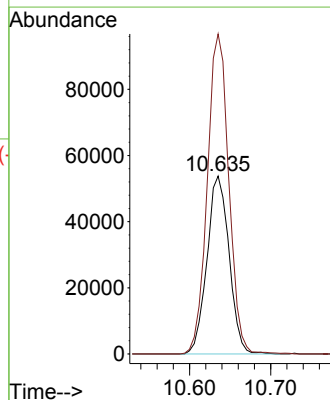
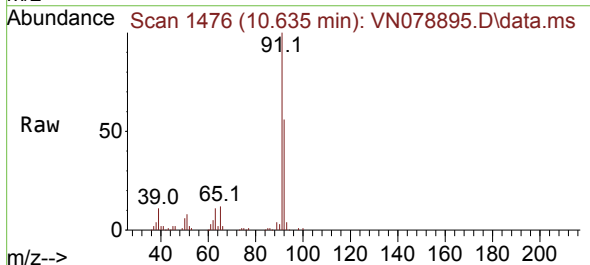
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

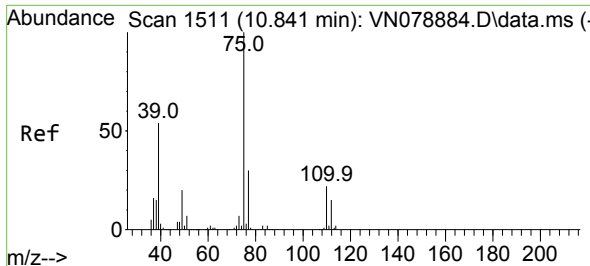
Tgt Ion: 43 Resp: 323274
Ion Ratio Lower Upper
43 100
58 35.9 36.6 54.8#



#52
Toluene
Concen: 18.532 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 92 Resp: 101642
Ion Ratio Lower Upper
92 100
91 175.0 137.4 206.0

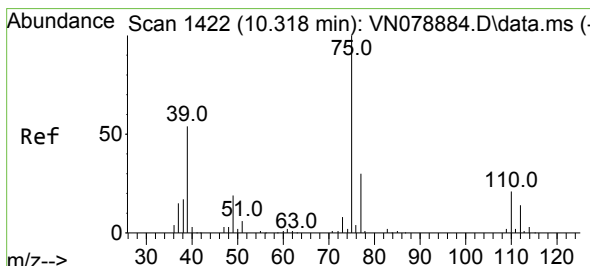
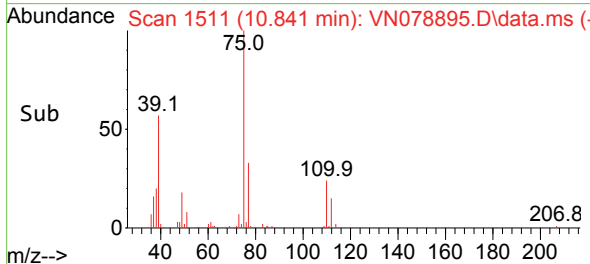
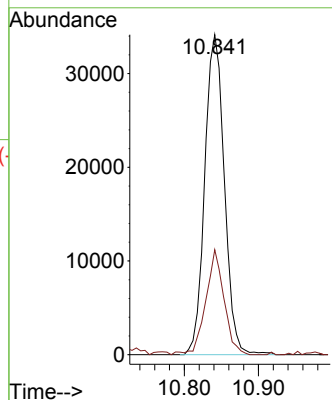
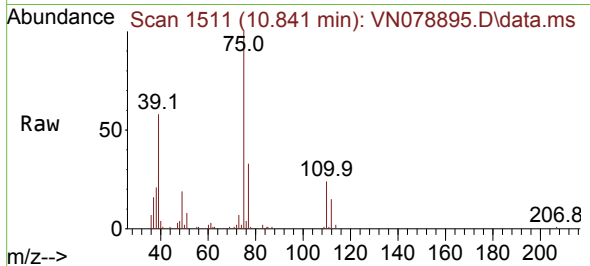




#53
t-1,3-Dichloropropene
Concen: 18.170 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

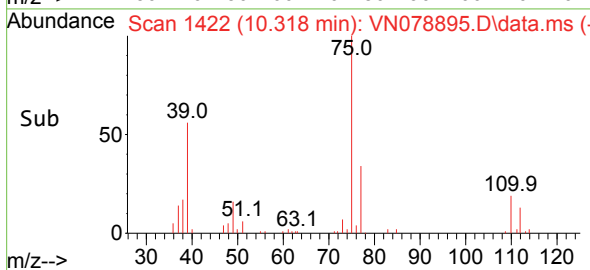
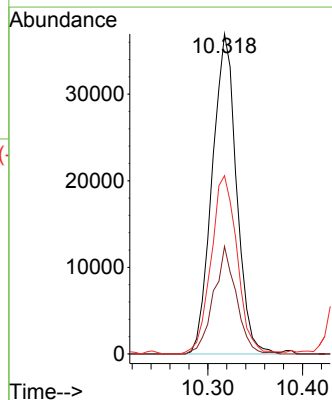
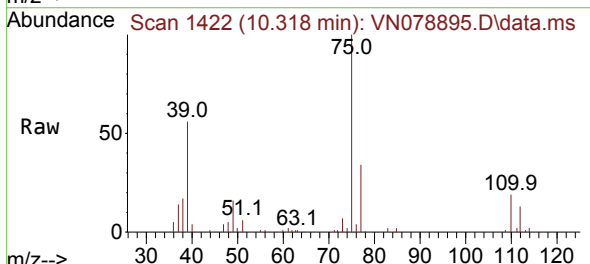
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

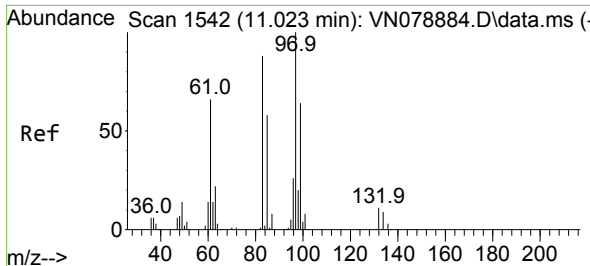
Tgt Ion: 75 Resp: 62769
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 17.565 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 75 Resp: 66085
Ion Ratio Lower Upper
75 100
77 33.6 26.1 39.1
39 55.7 31.6 47.4#

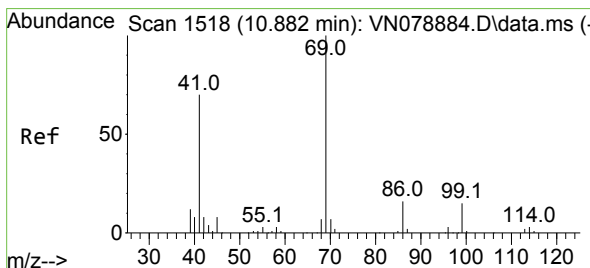
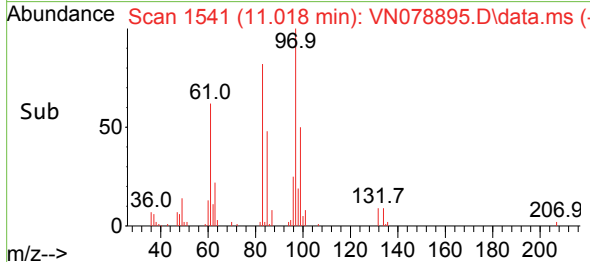
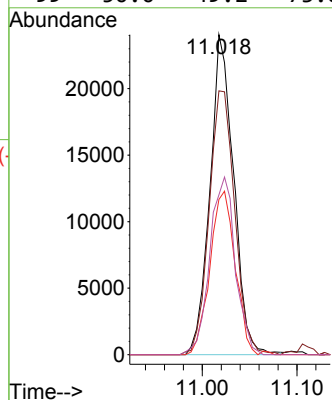
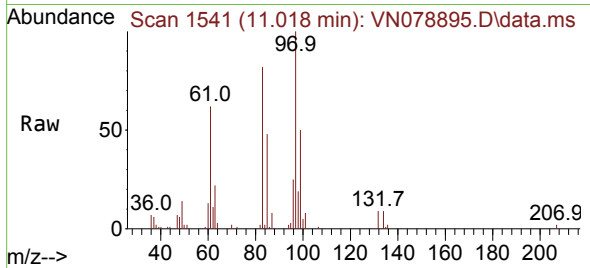




#55
1,1,2-Trichloroethane
Concen: 18.980 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

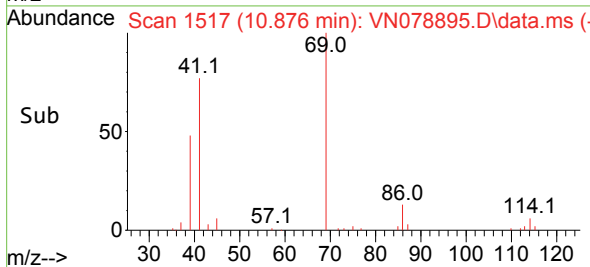
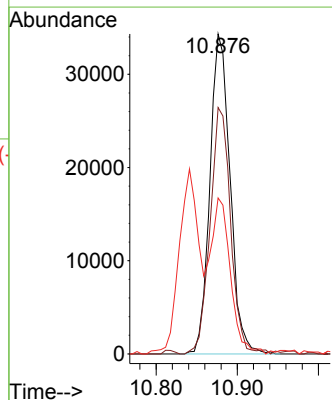
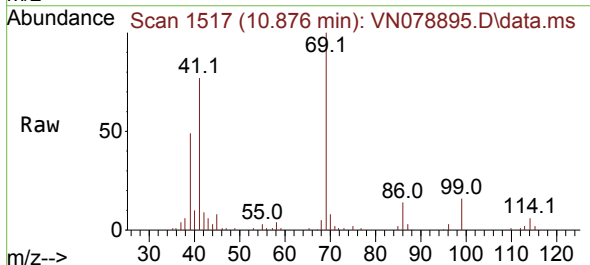
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

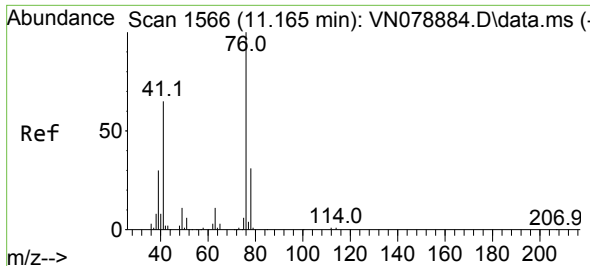
Tgt Ion:	97	Resp:	41740
Ion	Ratio	Lower	Upper
97	100		
83	82.5	65.1	97.7
85	48.5	43.4	65.2
99	50.0	49.2	73.8



#56
Ethyl methacrylate
Concen: 17.368 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion:	69	Resp:	59206
Ion	Ratio	Lower	Upper
69	100		
41	78.3	39.6	59.4#
39	48.2	28.6	43.0#





#57

1,3-Dichloropropane

Concen: 18.133 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. 0.005 min

Lab File: VN078895.D

Acq: 16 Aug 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

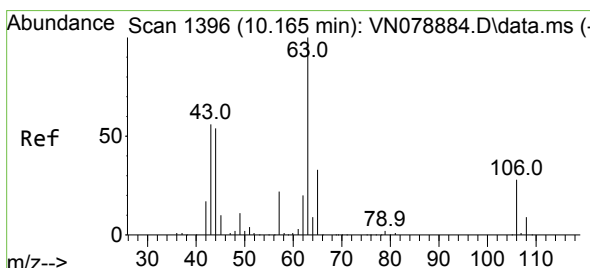
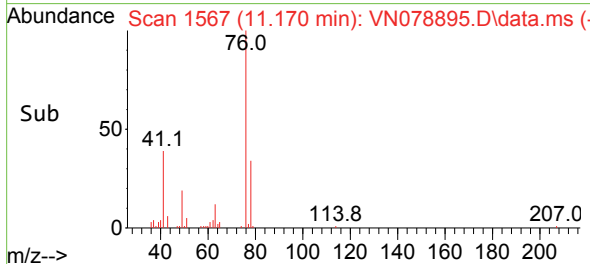
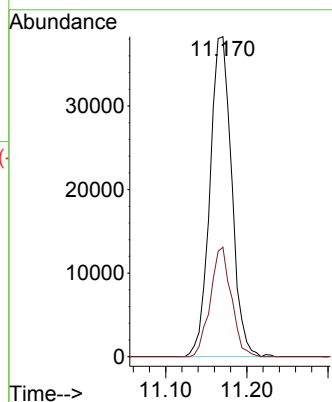
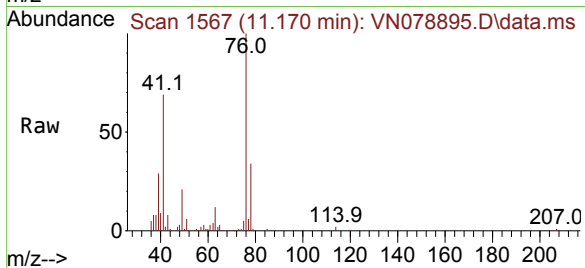
VN0816WBS01

Tgt Ion: 76 Resp: 71324

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 92.723 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078895.D

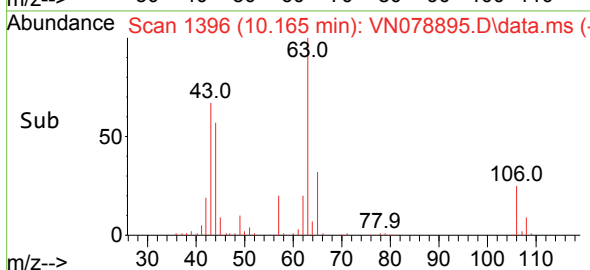
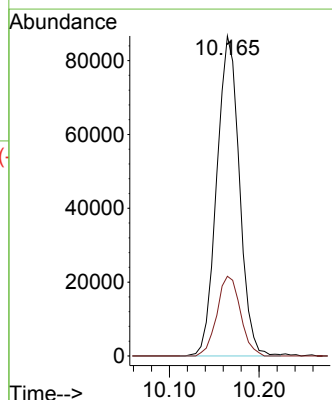
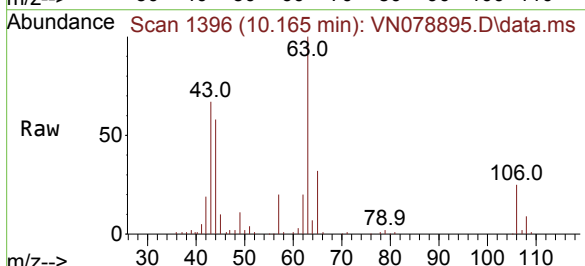
Acq: 16 Aug 2023 11:54

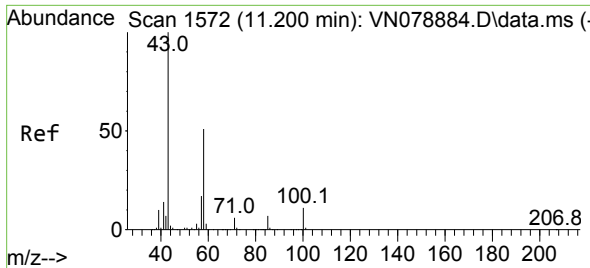
Tgt Ion: 63 Resp: 151731

Ion Ratio Lower Upper

63 100

106 25.8 26.2 39.4#

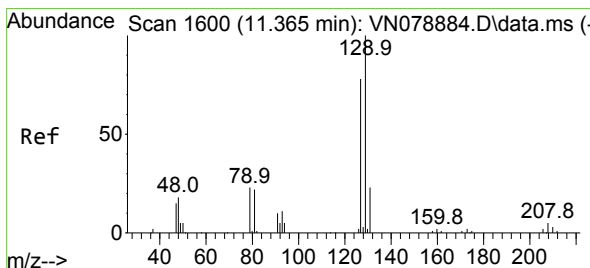
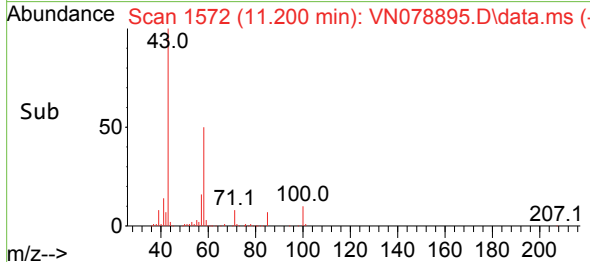
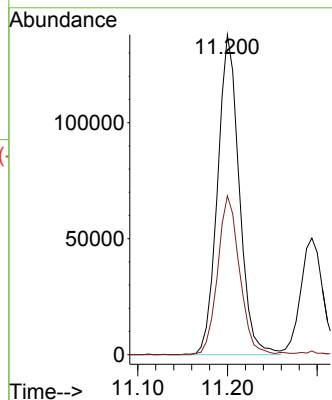
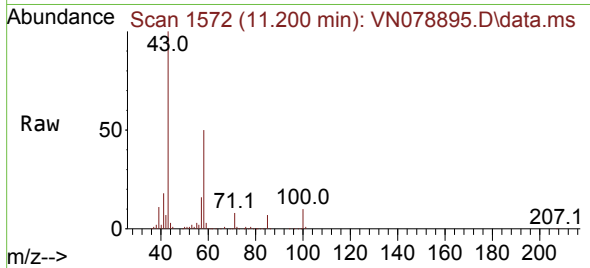




#59
2-Hexanone
Concen: 89.981 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

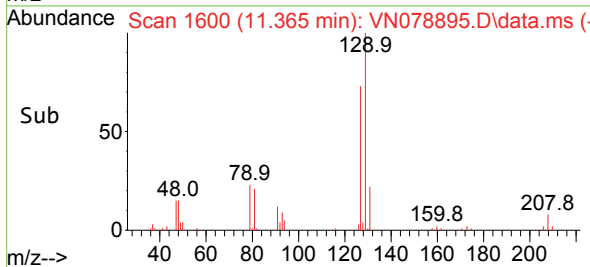
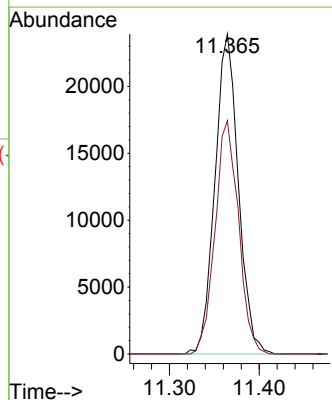
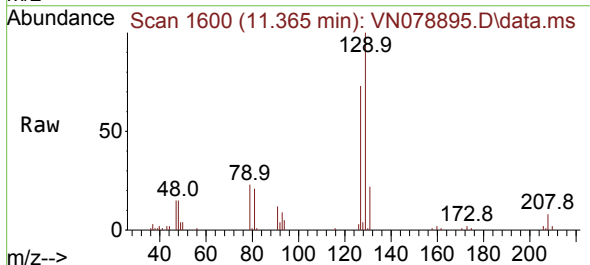
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

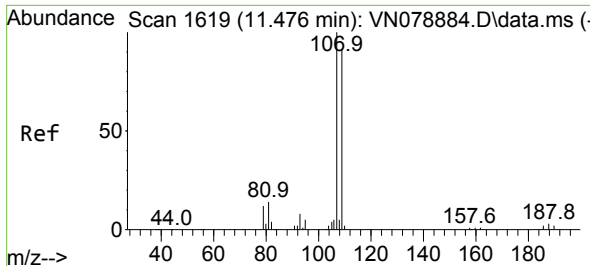
Tgt Ion: 43 Resp: 231030
Ion Ratio Lower Upper
43 100
58 50.1 31.7 95.1



#60
Dibromochloromethane
Concen: 18.715 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 129 Resp: 43311
Ion Ratio Lower Upper
129 100
127 73.1 38.6 116.0

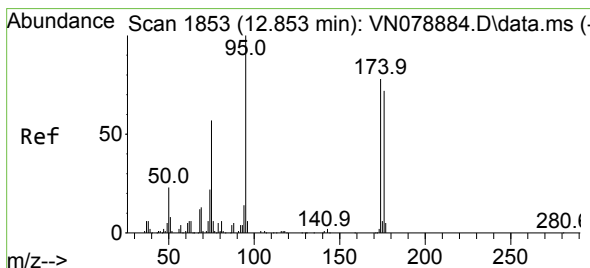
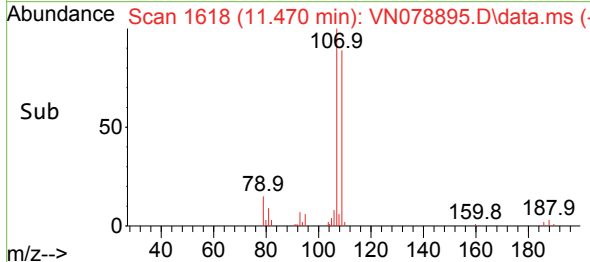
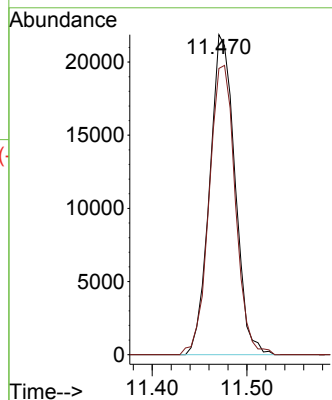
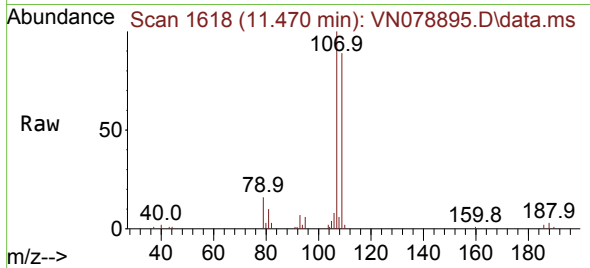




#61
1,2-Dibromoethane
Concen: 18.167 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

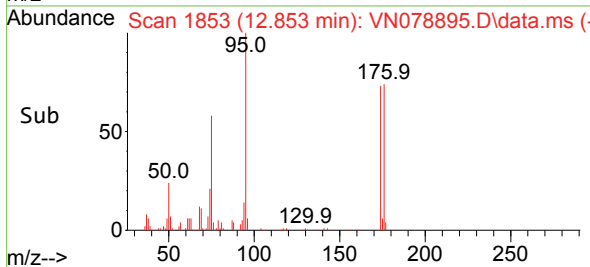
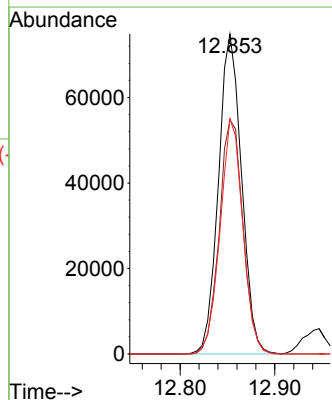
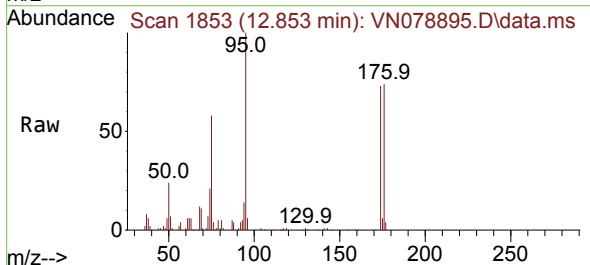
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

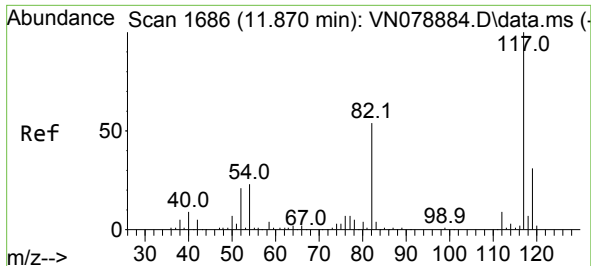
Tgt Ion:107 Resp: 40599
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.088 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 95 Resp: 127013
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 71.9 0.0 135.8

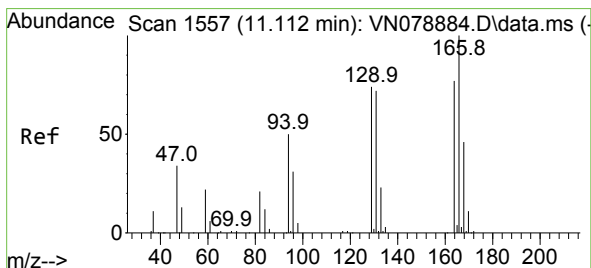
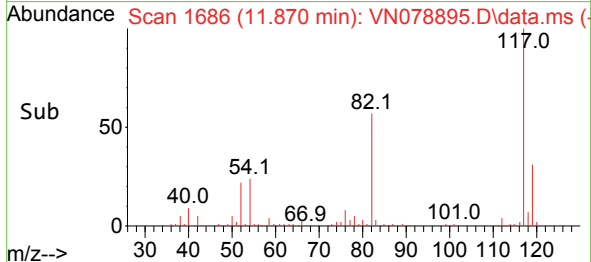
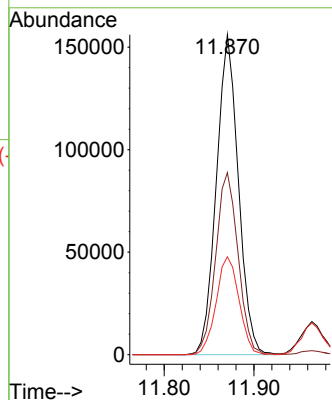
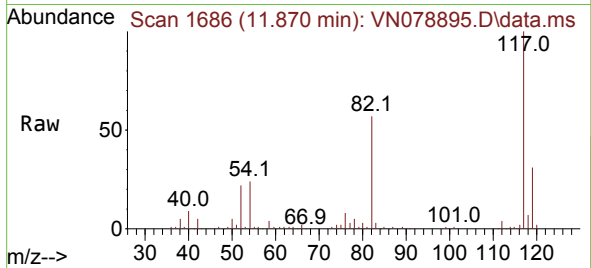




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

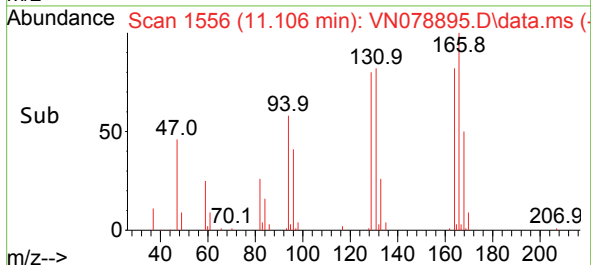
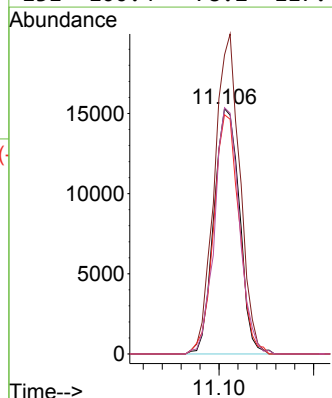
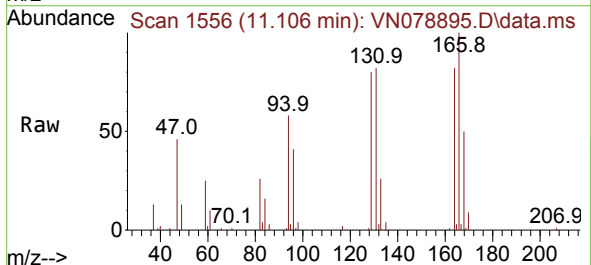
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

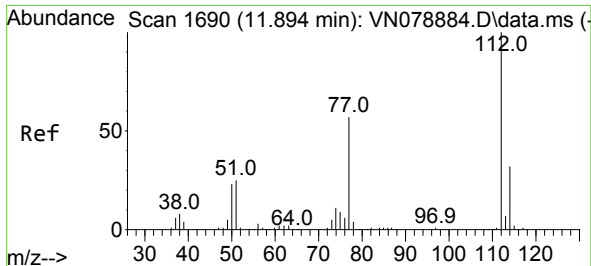
Tgt Ion:117 Resp: 265924
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 30.6 25.6 38.4



#64
Tetrachloroethene
Concen: 17.215 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion:164 Resp: 28709
Ion Ratio Lower Upper
164 100
166 121.9 101.4 152.0
129 97.5 82.4 123.6
131 100.4 78.2 117.4

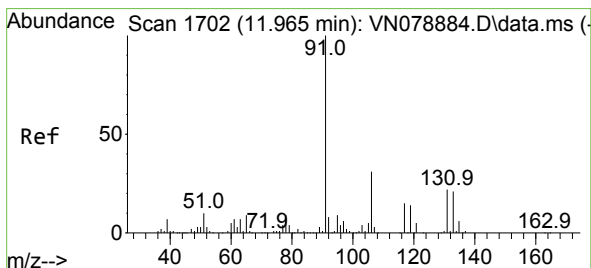
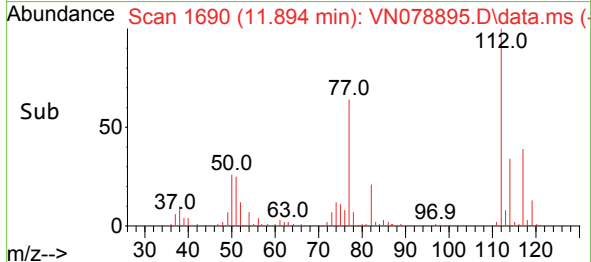
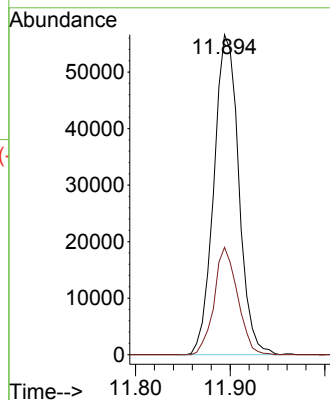
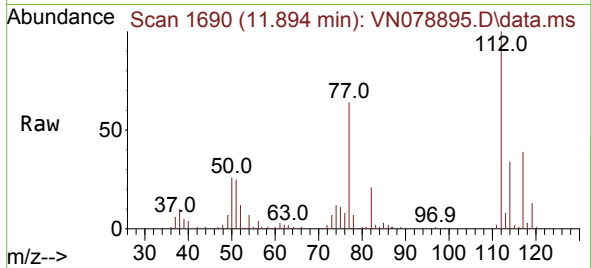




#65
Chlorobenzene
Concen: 18.273 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

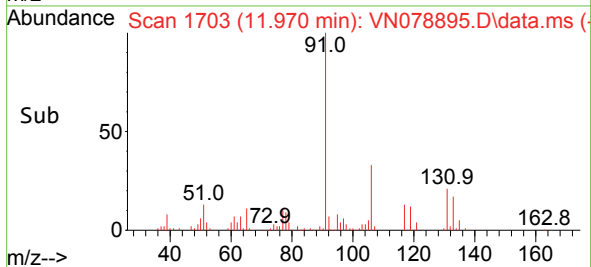
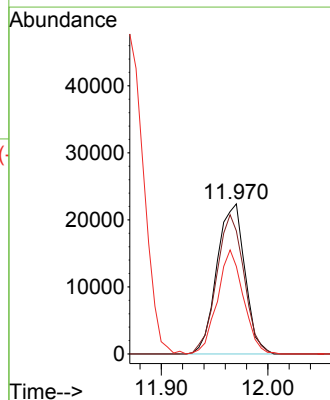
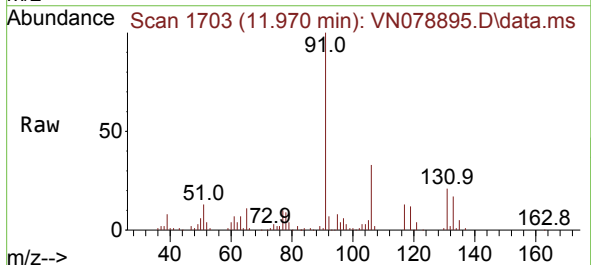
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

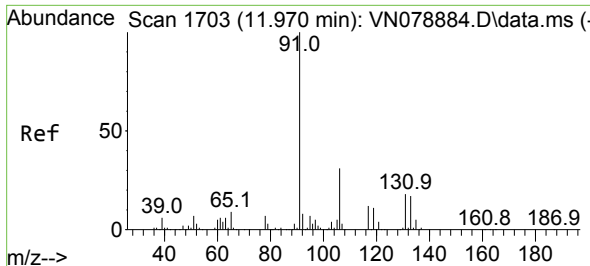
Tgt Ion:112 Resp: 103436
Ion Ratio Lower Upper
112 100
114 33.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.131 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion:131 Resp: 40926
Ion Ratio Lower Upper
131 100
133 91.0 46.4 139.1
119 64.3 34.1 102.2

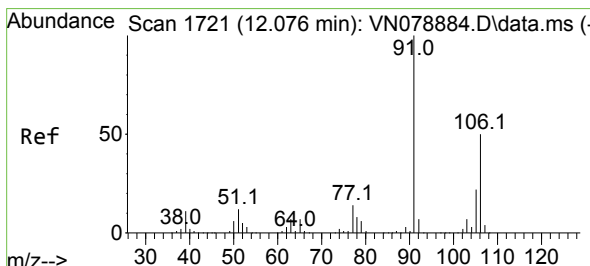
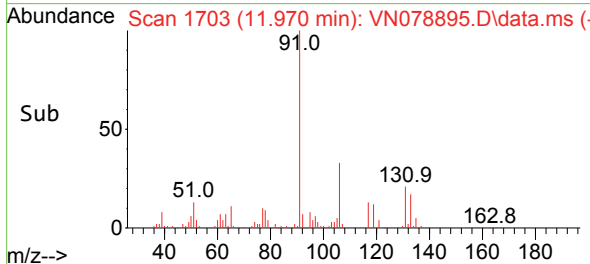
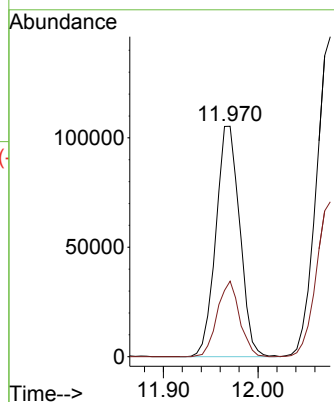
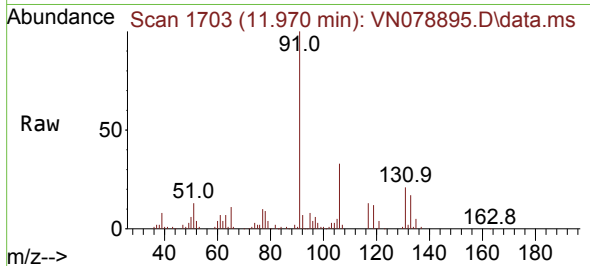




#67
Ethyl Benzene
Concen: 17.936 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

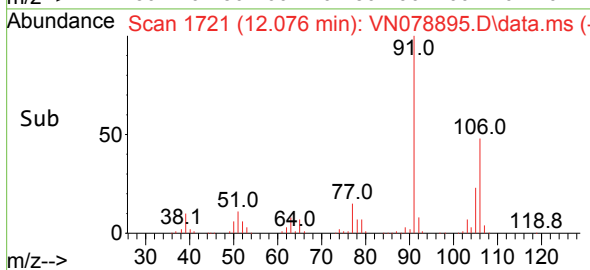
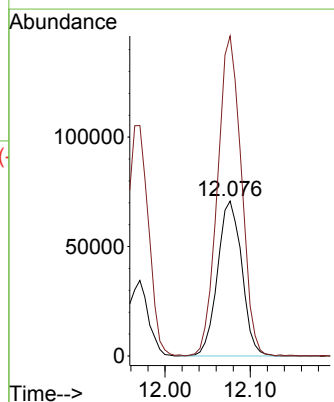
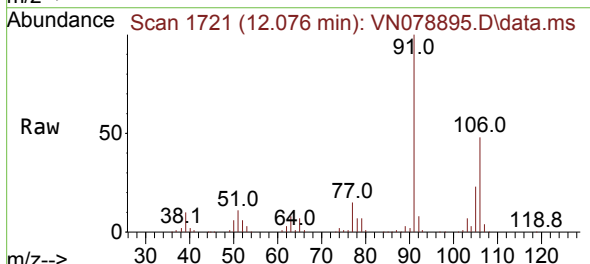
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

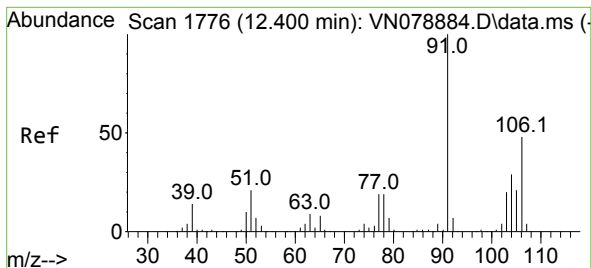
Tgt Ion: 91 Resp: 184632
Ion Ratio Lower Upper
91 100
106 32.8 25.6 38.4



#68
m/p-Xylenes
Concen: 36.354 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 106 Resp: 139915
Ion Ratio Lower Upper
106 100
91 203.5 159.6 239.4





#69

o-Xylene

Concen: 17.762 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN078895.D

Acq: 16 Aug 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

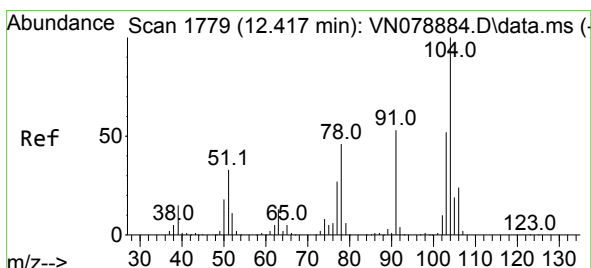
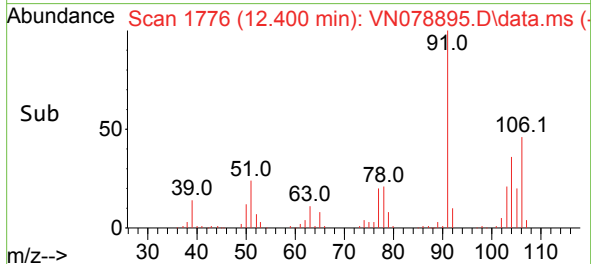
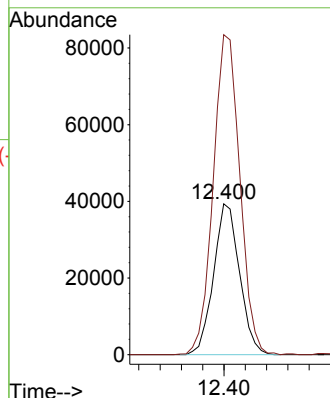
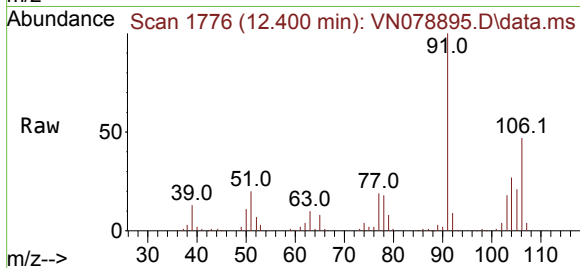
VN0816WBS01

Tgt Ion:106 Resp: 66499

Ion Ratio Lower Upper

106 100

91 218.1 105.2 315.5



#70

Styrene

Concen: 17.811 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. -0.001 min

Lab File: VN078895.D

Acq: 16 Aug 2023 11:54

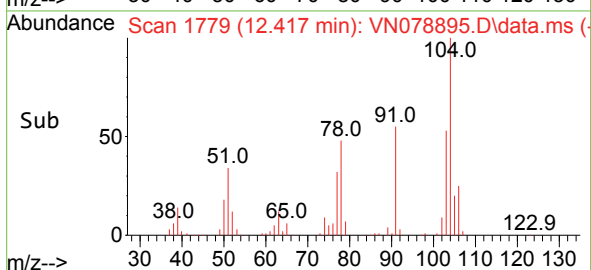
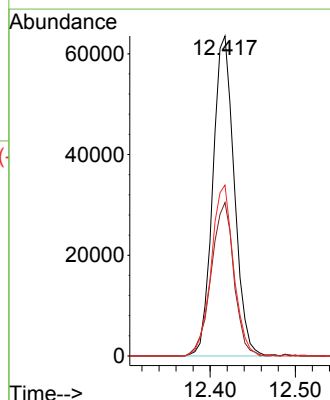
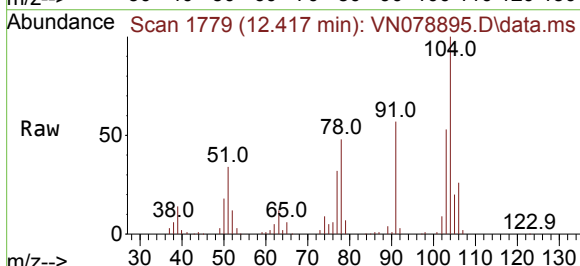
Tgt Ion:104 Resp: 111188

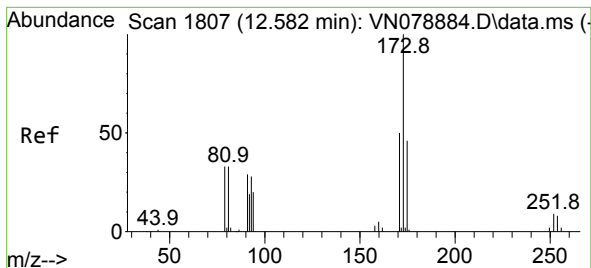
Ion Ratio Lower Upper

104 100

78 50.7 39.5 59.3

103 55.8 43.2 64.8





#71

Bromoform

Concen: 17.664 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078895.D

Acq: 16 Aug 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBS01

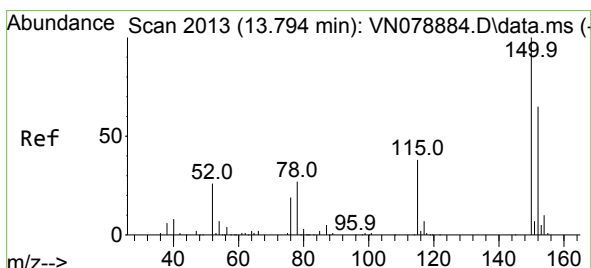
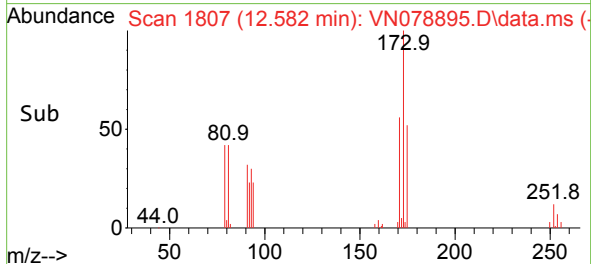
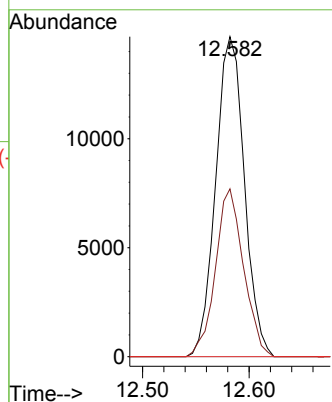
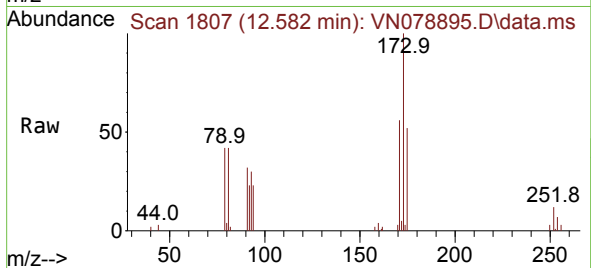
Tgt Ion:173 Resp: 27472

Ion Ratio Lower Upper

173 100

175 51.4 24.3 73.0

254 0.0 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: VN078895.D

Acq: 16 Aug 2023 11:54

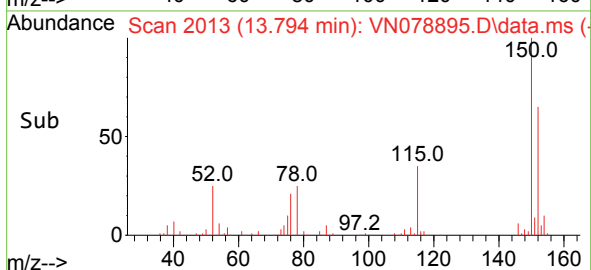
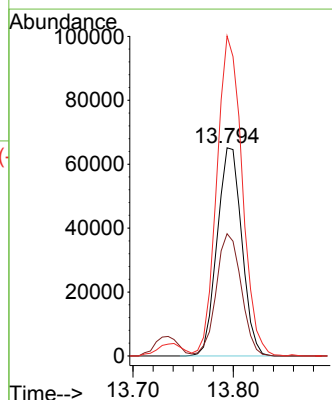
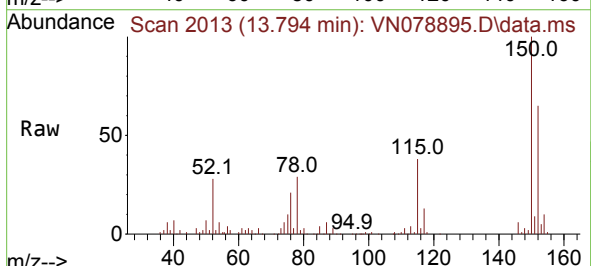
Tgt Ion:152 Resp: 111307

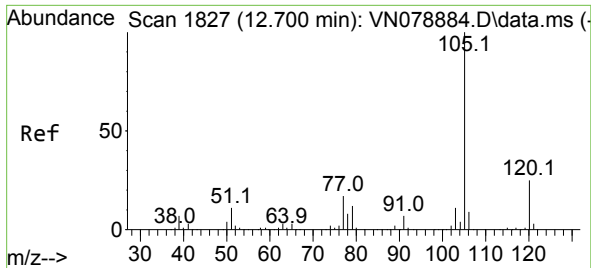
Ion Ratio Lower Upper

152 100

115 59.5 32.3 96.8

150 158.2 0.0 355.8

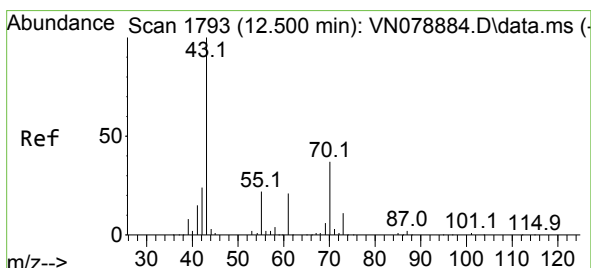
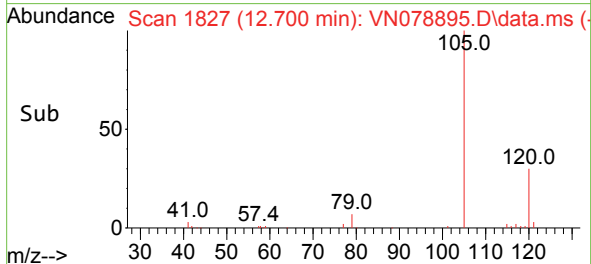
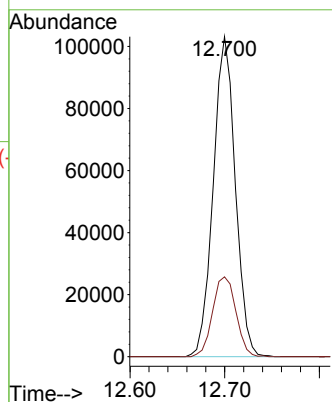
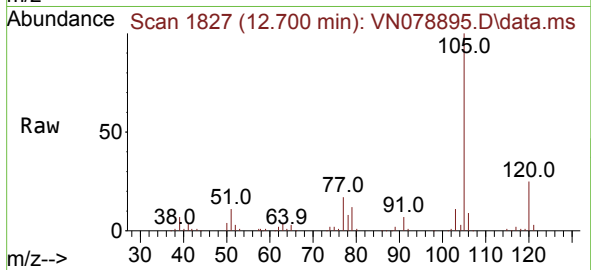




#73
Isopropylbenzene
Concen: 17.953 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

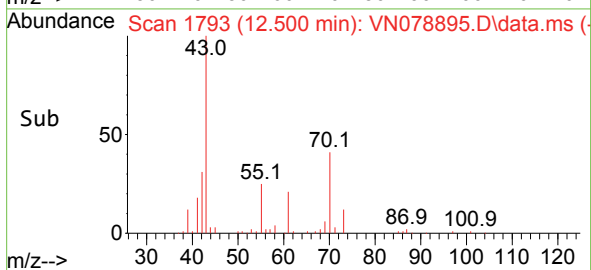
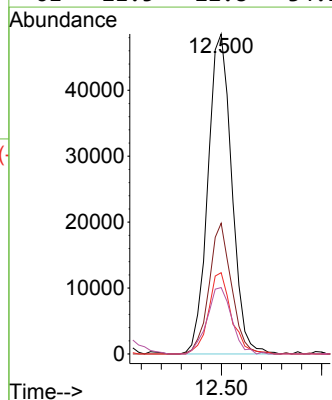
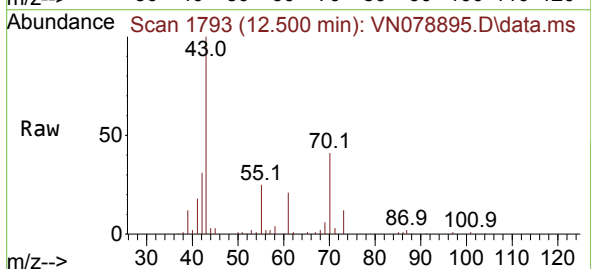
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

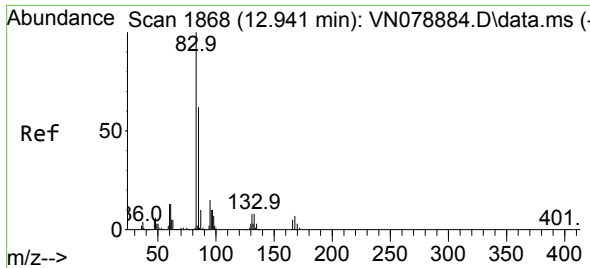
Tgt Ion:105 Resp: 166625
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#74
N-ethyl acetate
Concen: 17.143 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 43 Resp: 80309
Ion Ratio Lower Upper
43 100
70 38.4 43.4 65.2#
55 24.5 21.4 32.0
61 21.5 22.8 34.2#

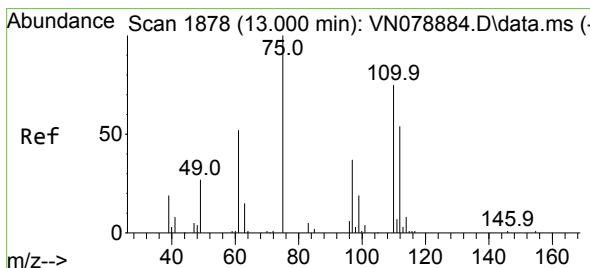
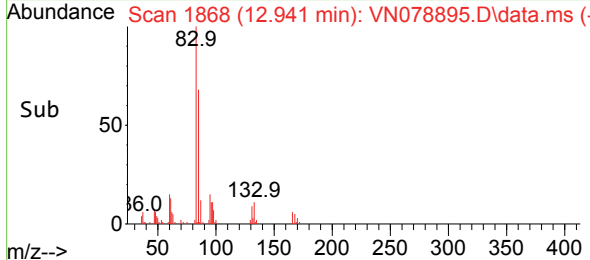
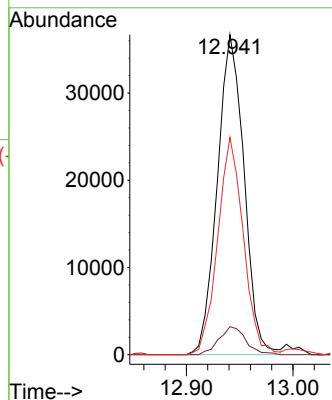
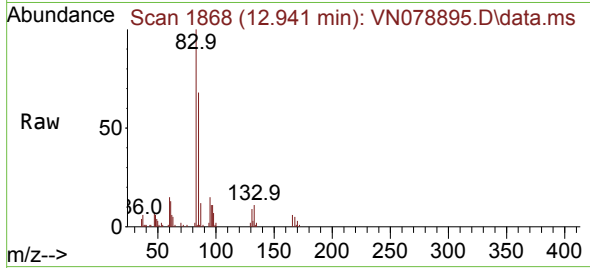




#75
1,1,2,2-Tetrachloroethane
Concen: 19.082 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

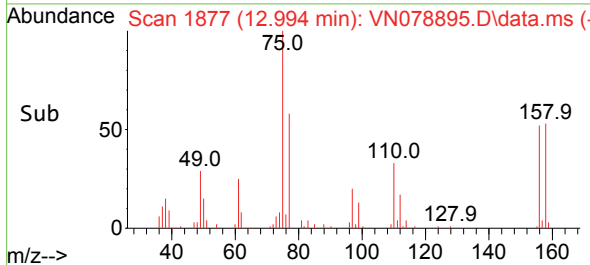
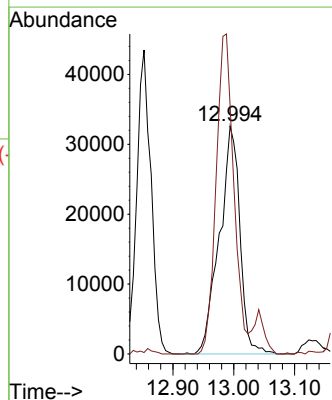
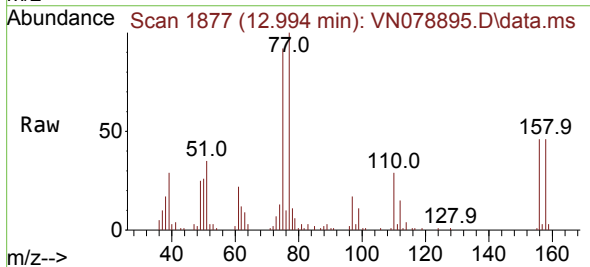
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

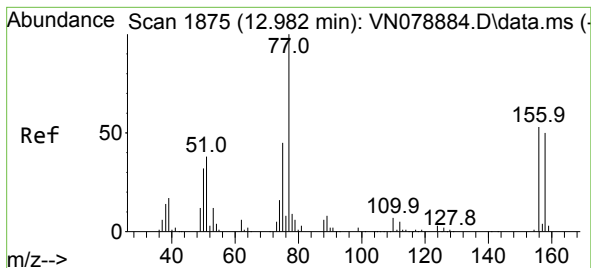
Tgt Ion: 83 Resp: 63945
Ion Ratio Lower Upper
83 100
131 8.8 5.0 15.0
85 65.3 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 28.392 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 75 Resp: 76146
Ion Ratio Lower Upper
75 100
77 121.2 84.5 253.5





#77

Bromobenzene

Concen: 17.362 ug/l

RT: 12.988 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN078895.D

Acq: 16 Aug 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBS01

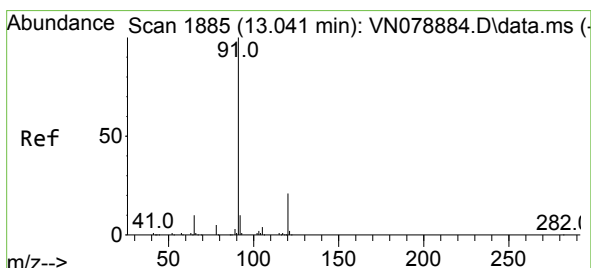
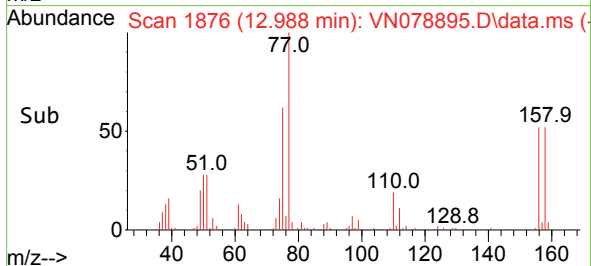
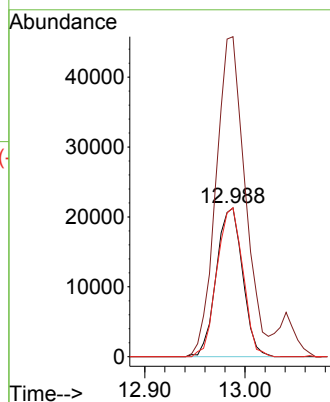
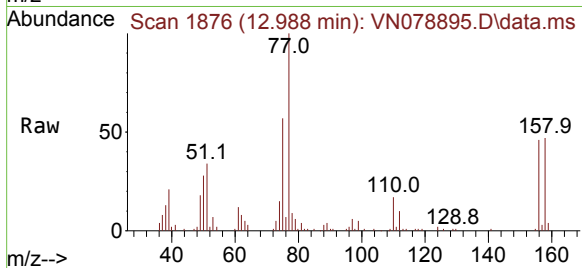
Tgt Ion:156 Resp: 38732

Ion Ratio Lower Upper

156 100

77 238.2 107.7 323.3

158 99.3 48.4 145.3



#78

n-propylbenzene

Concen: 18.362 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078895.D

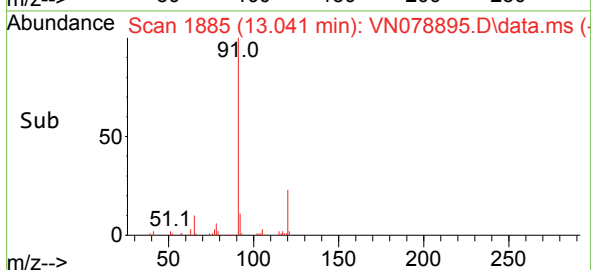
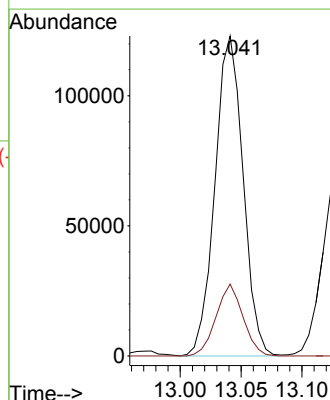
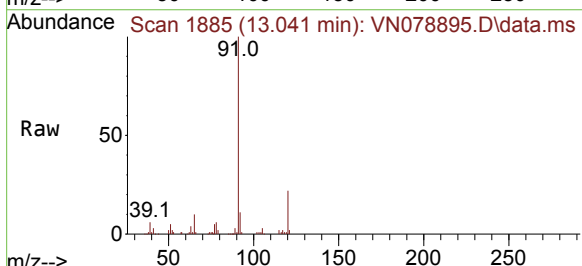
Acq: 16 Aug 2023 11:54

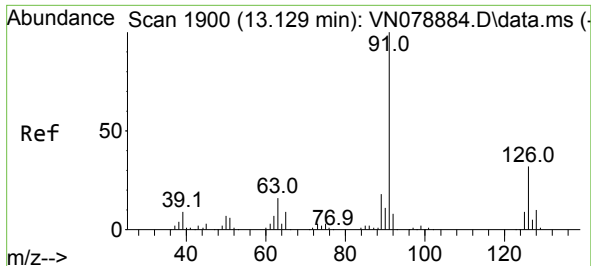
Tgt Ion: 91 Resp: 197613

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.144 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078895.D

Acq: 16 Aug 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

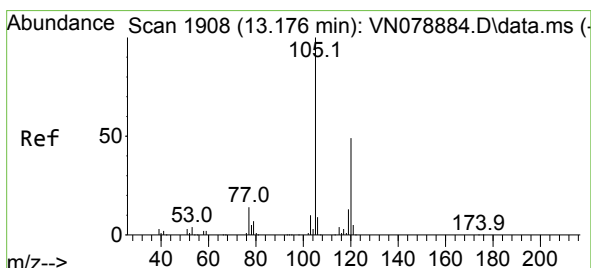
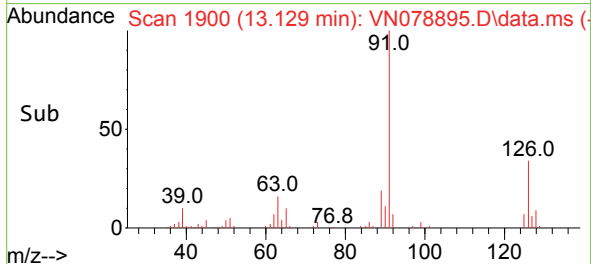
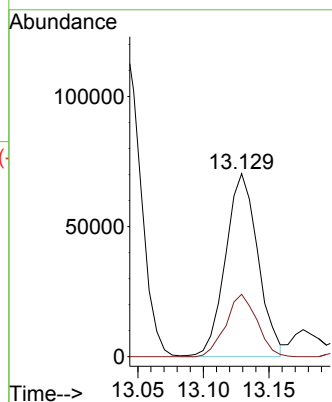
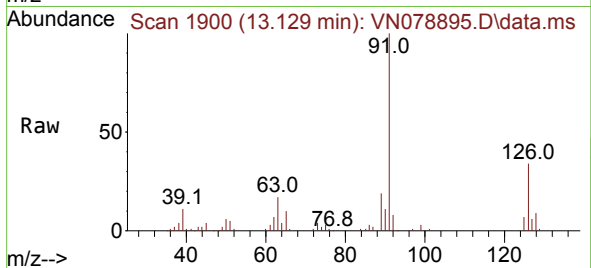
VN0816WBS01

Tgt Ion: 91 Resp: 121132

Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 18.528 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078895.D

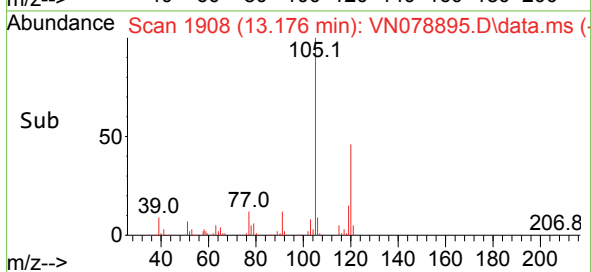
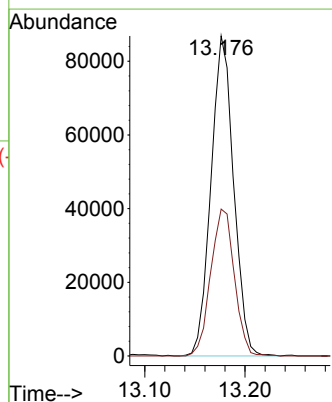
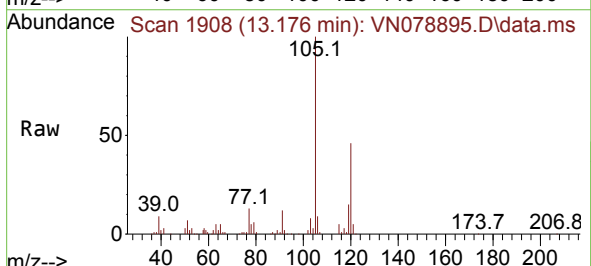
Acq: 16 Aug 2023 11:54

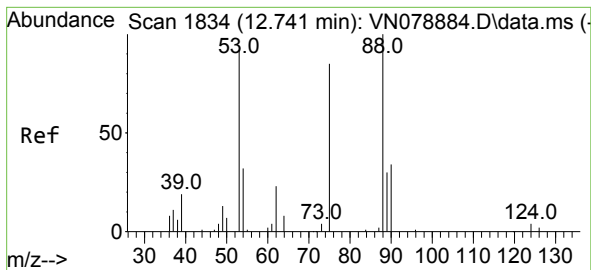
Tgt Ion: 105 Resp: 136268

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.3

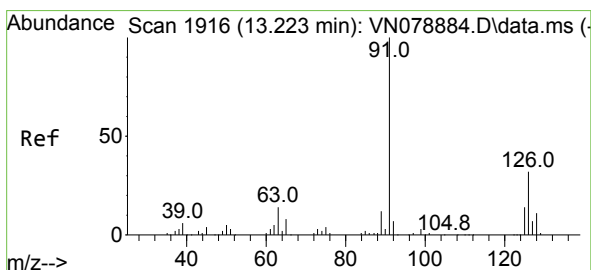
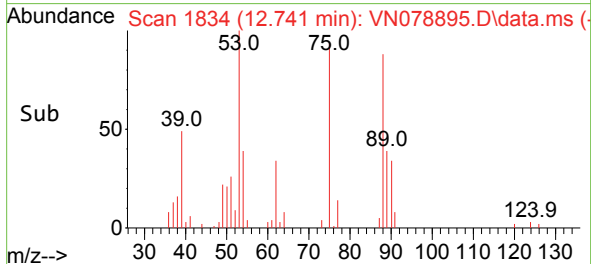
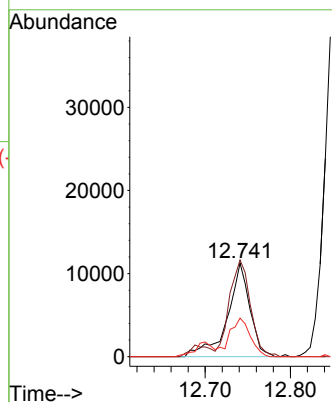
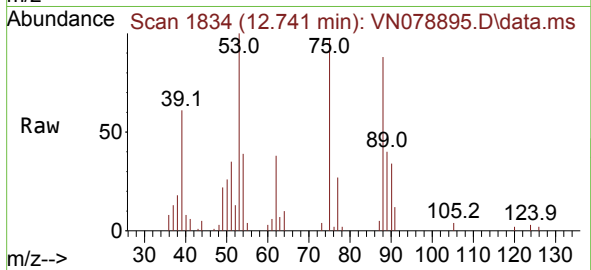




#81
trans-1,4-Dichloro-2-butene
Concen: 19.494 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

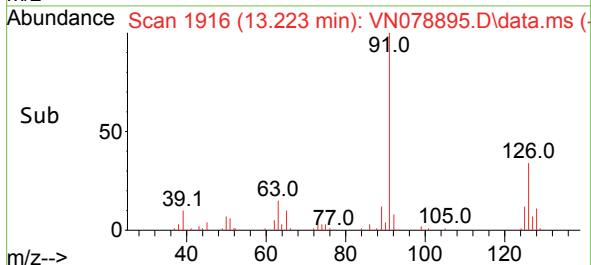
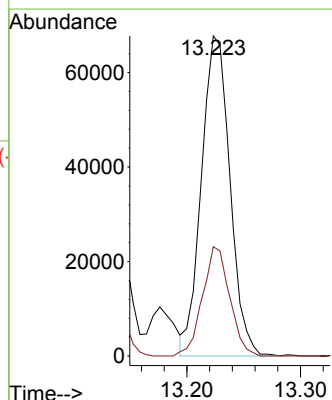
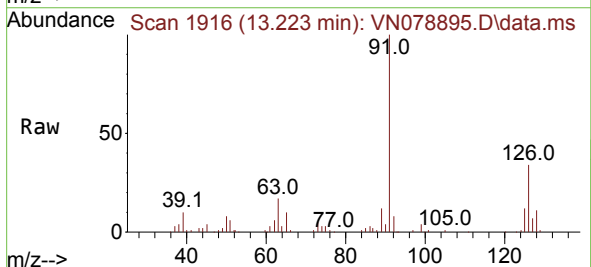
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

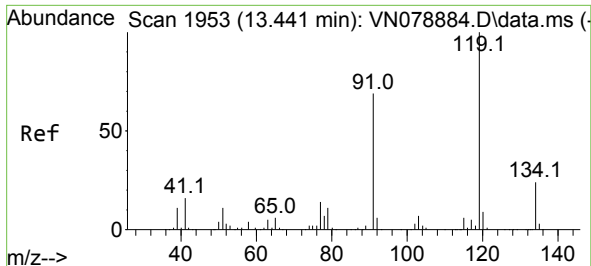
Tgt Ion: 75 Resp: 20466
Ion Ratio Lower Upper
75 100
53 97.2 67.4 101.2
89 38.4 38.8 58.2#



#82
4-Chlorotoluene
Concen: 18.093 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion: 91 Resp: 118188
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0

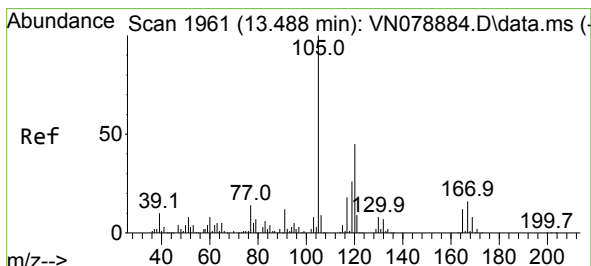
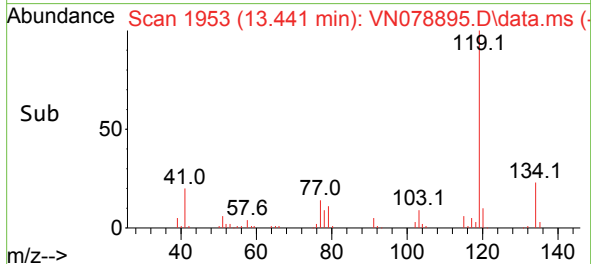
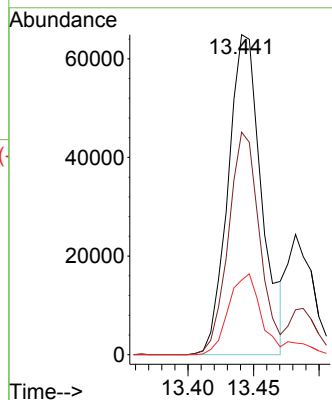
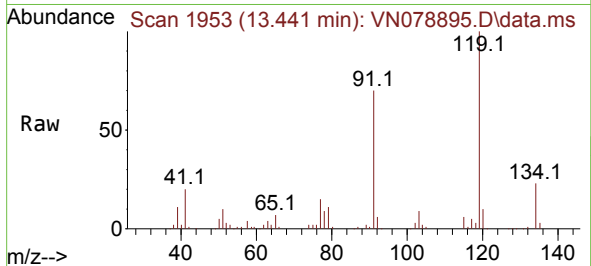




#83
tert-Butylbenzene
Concen: 18.703 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

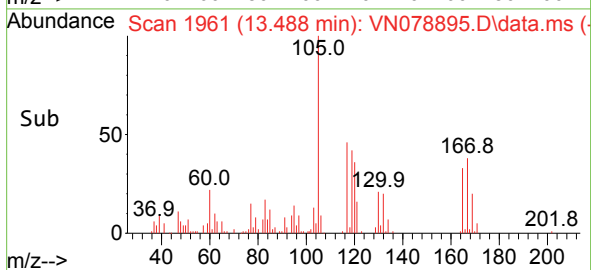
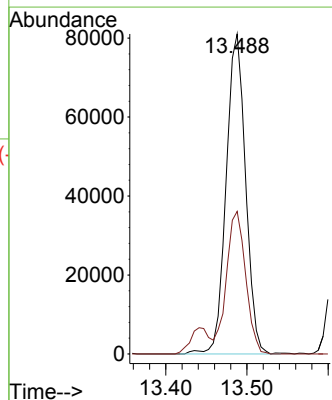
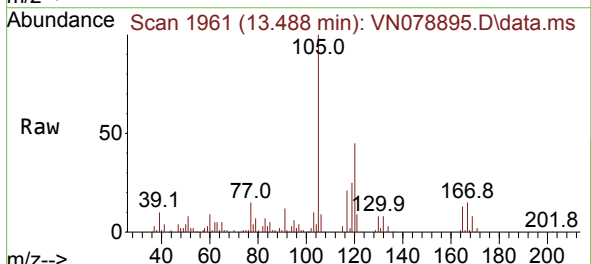
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

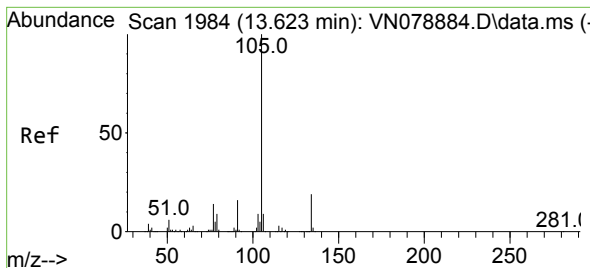
Tgt Ion:119 Resp: 115578
Ion Ratio Lower Upper
119 100
91 64.8 33.9 101.7
134 27.1 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 18.489 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion:105 Resp: 134646
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0

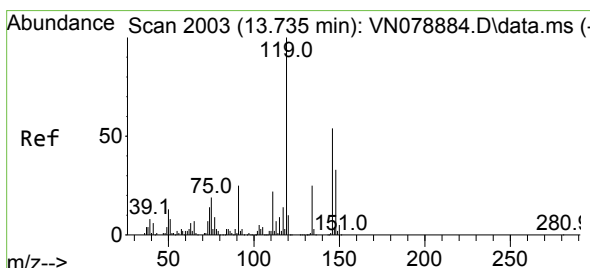
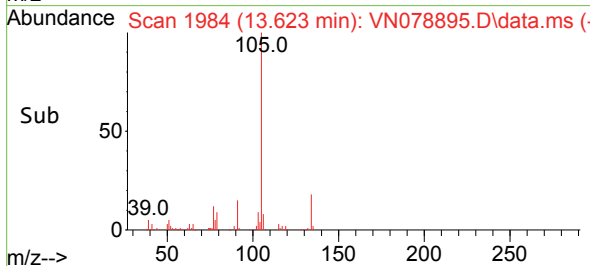
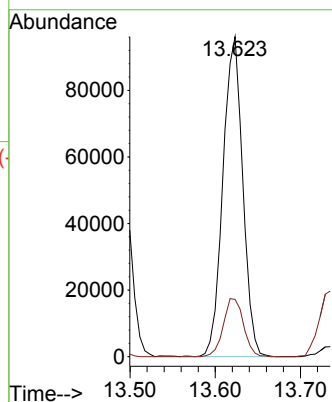
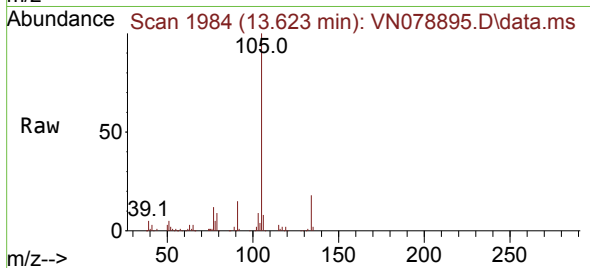




#85
 sec-Butylbenzene
 Concen: 18.253 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078895.D
 Acq: 16 Aug 2023 11:54

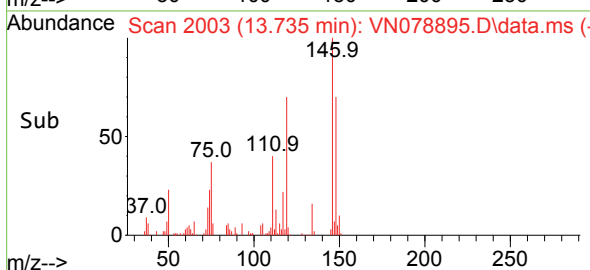
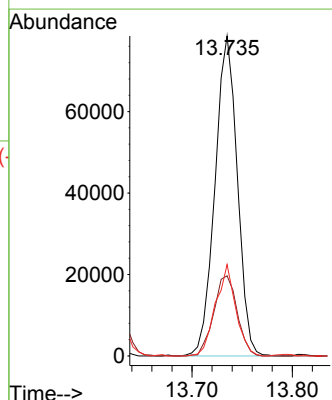
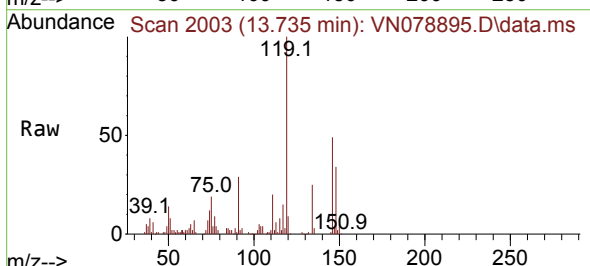
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

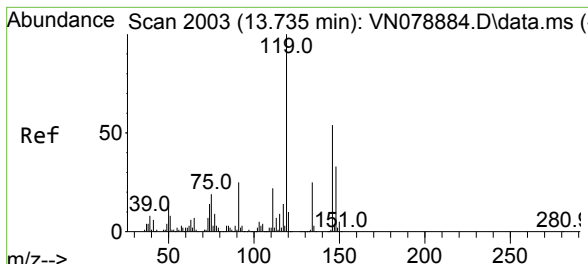
Tgt Ion:105 Resp: 155228
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 17.898 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078895.D
 Acq: 16 Aug 2023 11:54

Tgt Ion:119 Resp: 121607
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 25.9 12.4 37.2

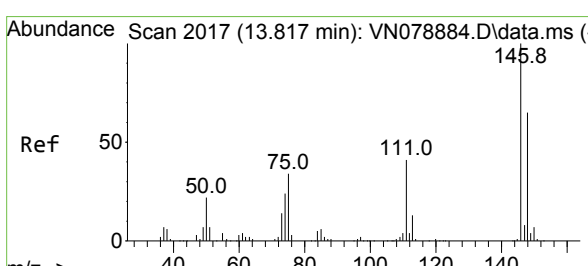
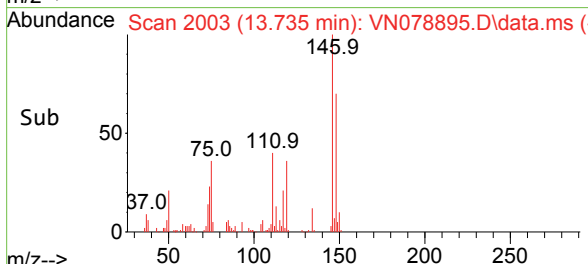
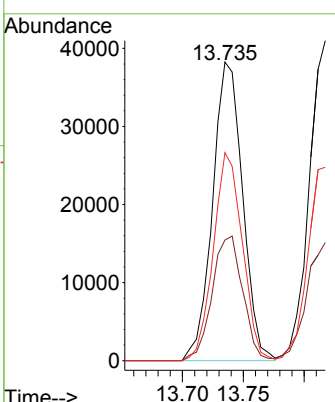
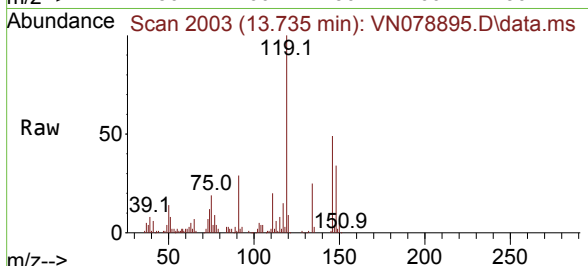




#87
 1,3-Dichlorobenzene
 Concen: 17.101 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN078895.D
 Acq: 16 Aug 2023 11:54

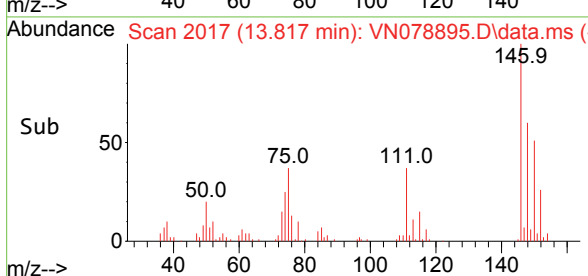
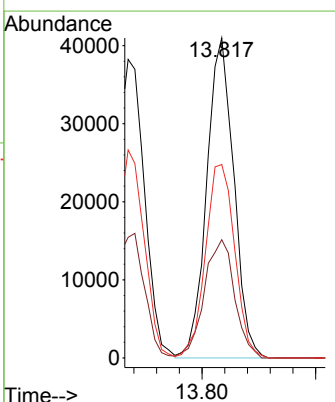
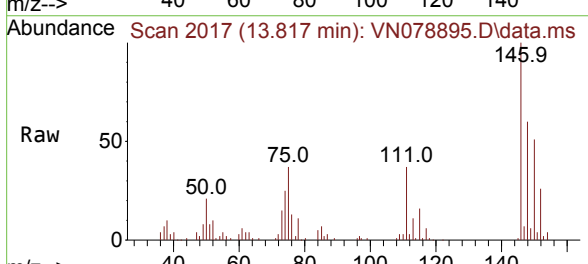
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

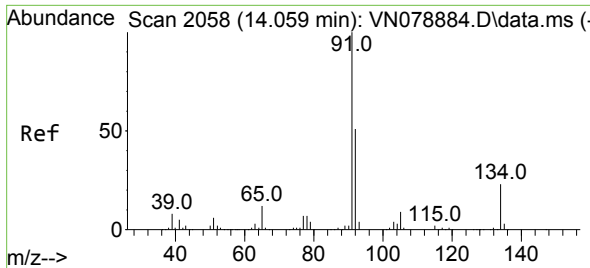
Tgt Ion:	146	Resp:	65645
Ion Ratio	Lower	Upper	
146	100		
111	42.5	22.1	66.3
148	67.2	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 17.666 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN078895.D
 Acq: 16 Aug 2023 11:54

Tgt Ion:	146	Resp:	67875
Ion Ratio	Lower	Upper	
146	100		
111	41.3	20.6	61.8
148	65.3	31.6	94.8

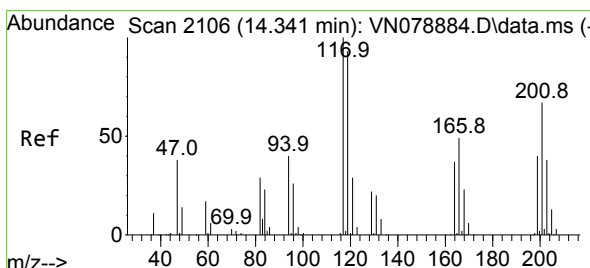
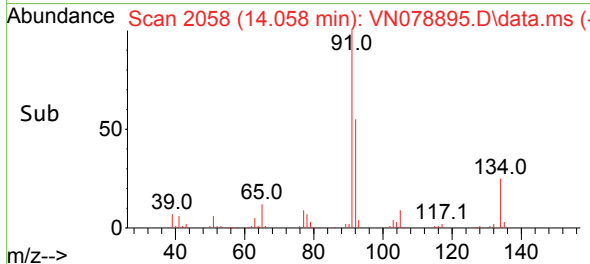
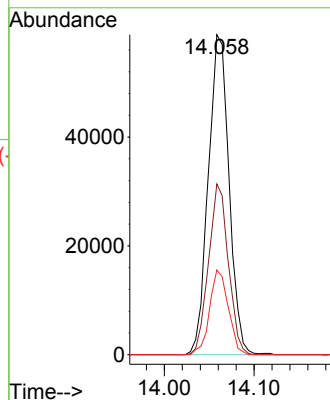
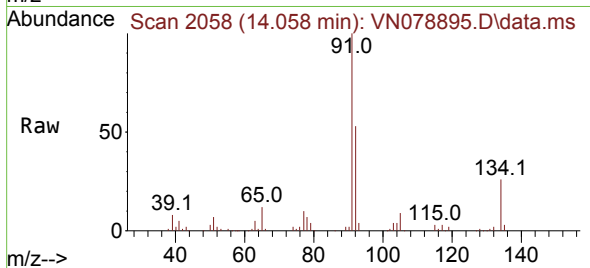




#89
n-Butylbenzene
Concen: 16.901 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.001 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

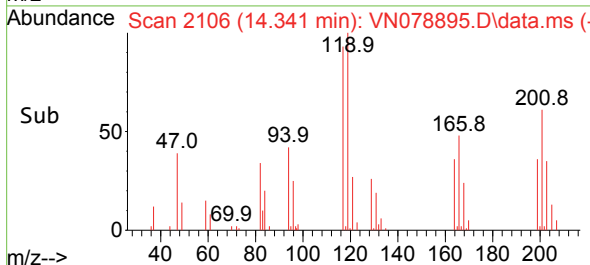
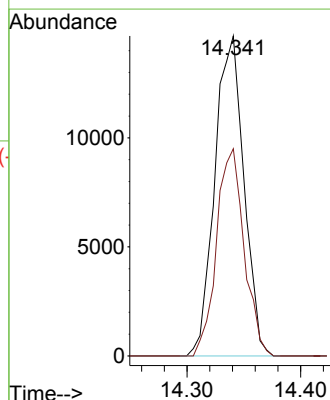
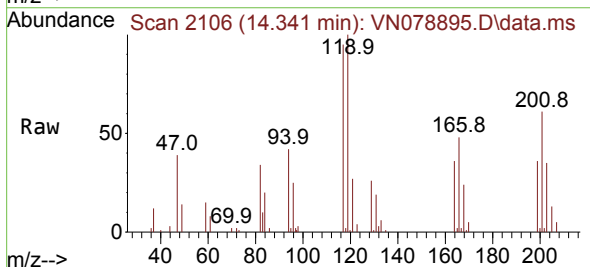
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

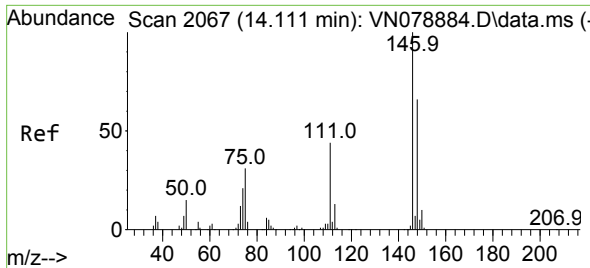
Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.4	79.0
134	23.9	12.6	37.6



#90
Hexachloroethane
Concen: 19.158 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	61.5	29.3	88.0

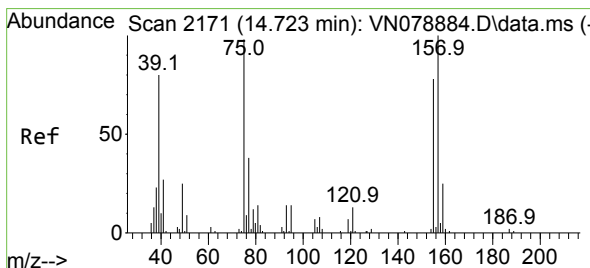
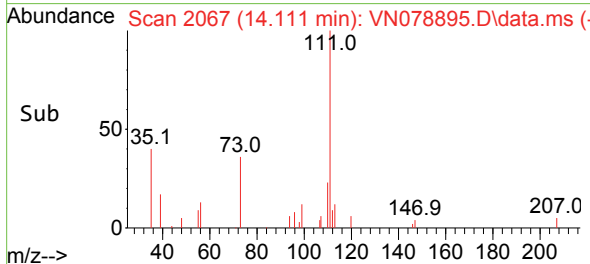
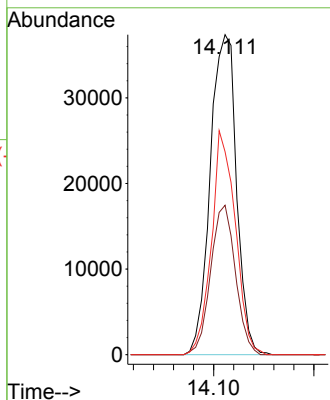
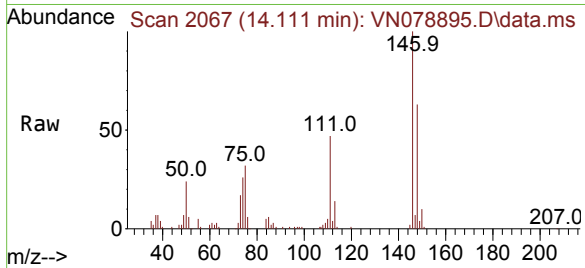




#91
1,2-Dichlorobenzene
Concen: 17.781 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

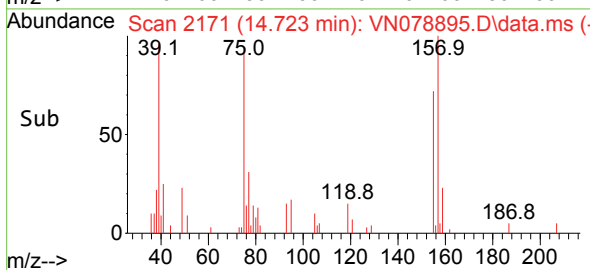
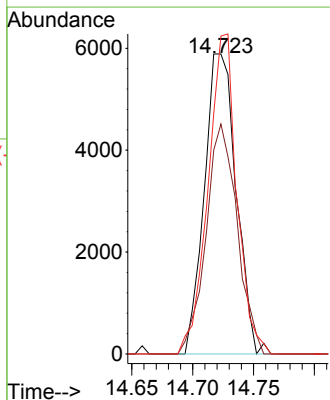
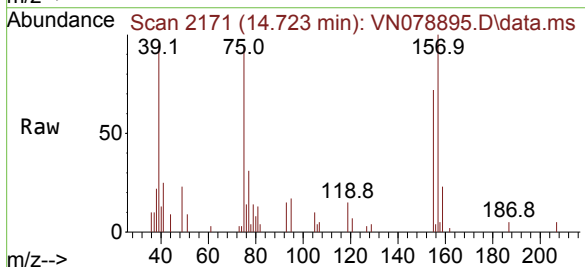
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

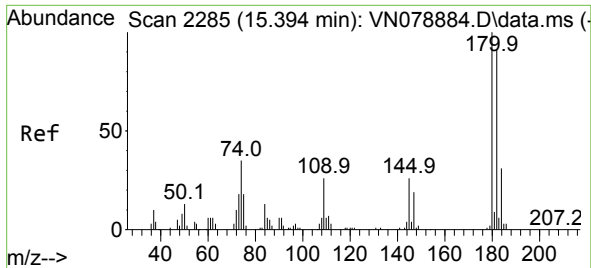
Tgt Ion:	146	Resp:	67880
Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.0	66.0
148	63.7	31.8	95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.447 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion:	75	Resp:	10727
Ion	Ratio	Lower	Upper
75	100		
155	75.1	39.1	117.2
157	96.6	50.3	150.9

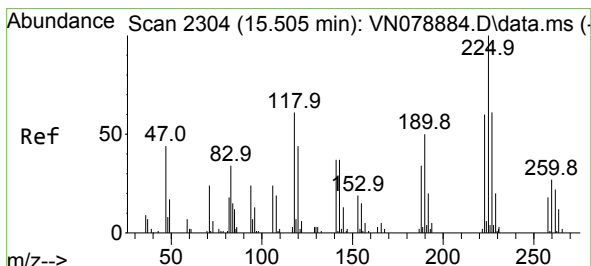
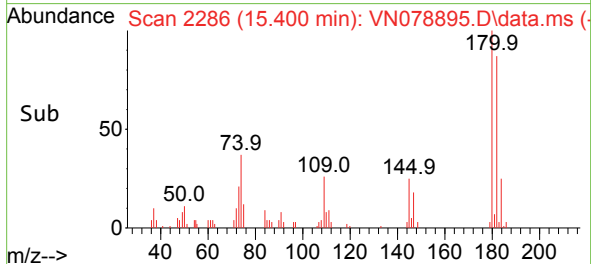
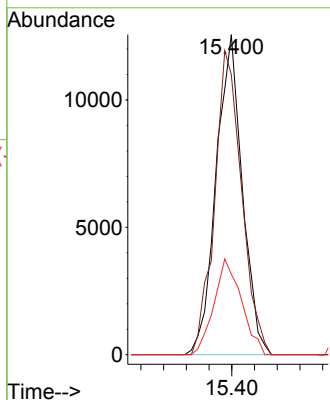
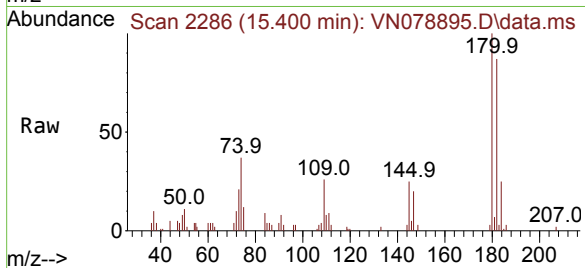




#93
1,2,4-Trichlorobenzene
Concen: 14.843 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

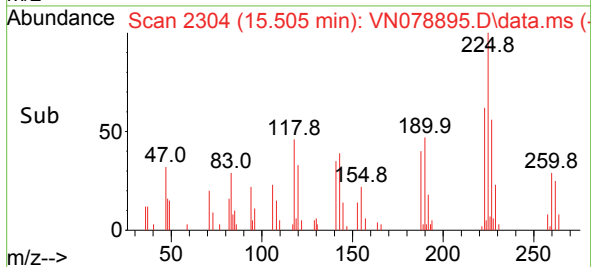
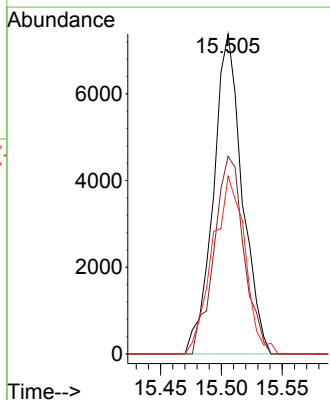
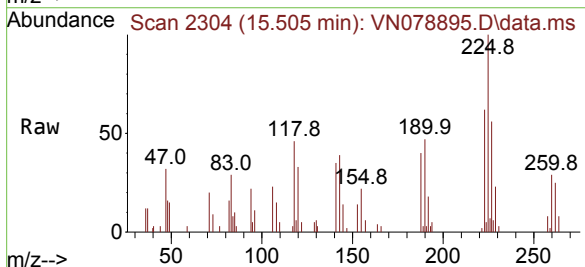
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

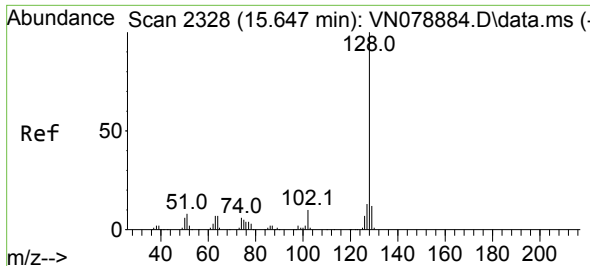
Tgt Ion:180 Resp: 20087
Ion Ratio Lower Upper
180 100
182 98.2 46.1 138.2
145 31.4 16.6 49.8



#94
Hexachlorobutadiene
Concen: 15.406 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion:225 Resp: 12172
Ion Ratio Lower Upper
225 100
223 64.0 31.3 93.8
227 62.4 31.9 95.9

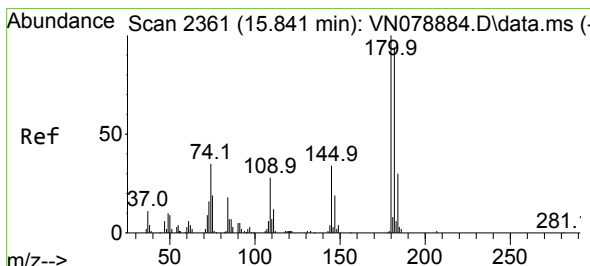
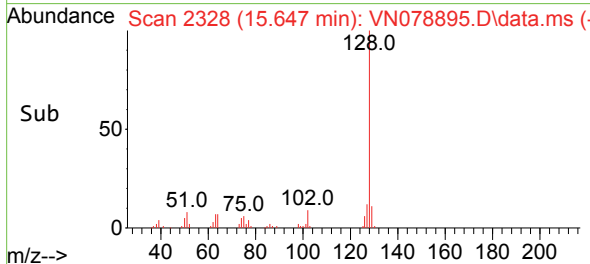
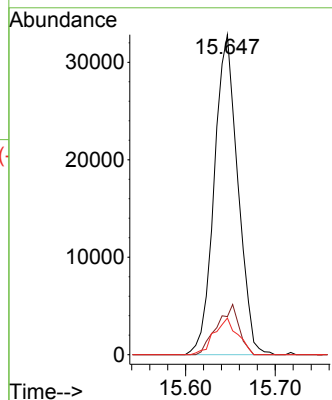
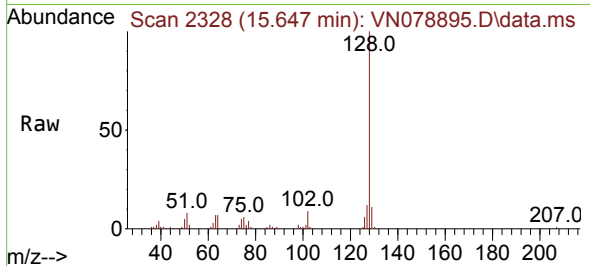




#95
Naphthalene
Concen: 13.675 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

Tgt Ion:128 Resp: 60030
Ion Ratio Lower Upper
128 100
127 14.7 10.0 15.0
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 15.853 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078895.D
Acq: 16 Aug 2023 11:54

Tgt Ion:180 Resp: 23498
Ion Ratio Lower Upper
180 100
182 97.0 46.2 138.6
145 35.9 17.5 52.6

