

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078663.D
 Acq On : 27 Jul 2023 16:31
 Operator : JC\MD
 Sample : VN0727WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 28 01:08:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	499170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	842219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	724092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	297601	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	320026	47.823	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.640%
35) Dibromofluoromethane	8.177	113	291193	50.932	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.860%
50) Toluene-d8	10.576	98	1021282	47.286	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.580%
62) 4-Bromofluorobenzene	12.853	95	326023	49.006	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	121070	19.782	ug/l	94
3) Chloromethane	2.371	50	147902	22.234	ug/l	95
4) Vinyl Chloride	2.518	62	182326	21.188	ug/l	95
5) Bromomethane	2.953	94	143316	23.718	ug/l	93
6) Chloroethane	3.124	64	109357	19.850	ug/l	98
7) Trichlorofluoromethane	3.501	101	195659	19.021	ug/l	98
8) Diethyl Ether	3.971	74	68606	20.018	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.383	101	107362	19.717	ug/l	97
10) Methyl Iodide	4.600	142	148792	19.885	ug/l	99
11) Tert butyl alcohol	5.542	59	105292	102.036	ug/l	100
12) 1,1-Dichloroethene	4.348	96	102198	19.403	ug/l	91
13) Acrolein	4.195	56	93841	92.430	ug/l	95
14) Allyl chloride	5.036	41	143190	19.895	ug/l	95
15) Acrylonitrile	5.730	53	258865	99.287	ug/l	99
16) Acetone	4.442	43	216564	103.891	ug/l	93
17) Carbon Disulfide	4.718	76	269090	17.668	ug/l	97
18) Methyl Acetate	5.047	43	176729	20.028	ug/l	93
19) Methyl tert-butyl Ether	5.812	73	327535	18.873	ug/l	97
20) Methylene Chloride	5.277	84	123479	19.916	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	110463	18.611	ug/l	88
22) Diisopropyl ether	6.689	45	310654	19.276	ug/l	94
23) Vinyl Acetate	6.618	43	975993	95.262	ug/l #	91
24) 1,1-Dichloroethane	6.583	63	200907	18.501	ug/l	97
25) 2-Butanone	7.494	43	340381	103.733	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	176178	19.836	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	131732	19.185	ug/l	95
28) Bromochloromethane	7.824	49	98213	19.202	ug/l	95
29) Tetrahydrofuran	7.853	42	218492	101.478	ug/l	85
30) Chloroform	7.977	83	223919	19.806	ug/l	86
31) Cyclohexane	8.265	56	162165	17.931	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	194980	19.236	ug/l	99
36) 1,1-Dichloropropene	8.377	75	156067	18.905	ug/l	99
37) Ethyl Acetate	7.571	43	137556	19.989	ug/l	96
38) Carbon Tetrachloride	8.371	117	176117	19.629	ug/l	97
39) Methylcyclohexane	9.612	83	148968	19.769	ug/l	93
40) Benzene	8.612	78	487882	19.949	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	70167	20.001	ug/l	93
42) 1,2-Dichloroethane	8.677	62	162192	19.497	ug/l	99
43) Isopropyl Acetate	8.700	43	244803	21.607	ug/l	93
44) Trichloroethene	9.359	130	125615	19.057	ug/l	98
45) 1,2-Dichloropropane	9.630	63	121475	19.611	ug/l	93
46) Dibromomethane	9.718	93	88976	20.409	ug/l	91
47) Bromodichloromethane	9.894	83	173552	19.859	ug/l	95
48) Methyl methacrylate	9.688	41	103783	19.772	ug/l	89
49) 1,4-Dioxane	9.700	88	46582	406.935	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	706415	104.823	ug/l	95
52) Toluene	10.635	92	302341	19.946	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	178801	19.971	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	194720	20.403	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	121512	20.347	ug/l	96
56) Ethyl methacrylate	10.882	69	169211	20.269	ug/l	92
57) 1,3-Dichloropropane	11.171	76	196798	19.381	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	263582	88.596	ug/l	94
59) 2-Hexanone	11.206	43	501989	104.809	ug/l	93
60) Dibromochloromethane	11.365	129	138429	20.996	ug/l	99
61) 1,2-Dibromoethane	11.476	107	127812	20.776	ug/l	95
64) Tetrachloroethene	11.112	164	103680	19.045	ug/l	95
65) Chlorobenzene	11.900	112	320502	19.802	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	125557	20.165	ug/l	96
67) Ethyl Benzene	11.971	91	548587	20.052	ug/l	99
68) m/p-Xylenes	12.076	106	423779	41.895	ug/l	99
69) o-Xylene	12.406	106	202648	19.835	ug/l	95
70) Styrene	12.418	104	321406	20.108	ug/l	98
71) Bromoform	12.582	173	86183	20.438	ug/l #	97
73) Isopropylbenzene	12.700	105	506499	18.113	ug/l	98
74) N-amyl acetate	12.500	43	180705	18.751	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	172106	20.189	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	203808	28.333	ug/l	69
77) Bromobenzene	12.988	156	123982	19.443	ug/l	96
78) n-propylbenzene	13.041	91	555308	18.569	ug/l	100
79) 2-Chlorotoluene	13.129	91	346150	17.671	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	412205	18.656	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	49289	18.006	ug/l	96
82) 4-Chlorotoluene	13.229	91	336482	18.413	ug/l	98
83) tert-Butylbenzene	13.441	119	354691	18.908	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	398859	18.585	ug/l	96
85) sec-Butylbenzene	13.623	105	435372	18.362	ug/l	98
86) p-Isopropyltoluene	13.735	119	350407	18.405	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	202109	18.827	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	195264	18.058	ug/l	99
89) n-Butylbenzene	14.065	91	261372	19.187	ug/l	96
90) Hexachloroethane	14.335	117	70713	19.713	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	191857	17.958	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26807	18.827	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	55839	16.377	ug/l	97
94) Hexachlorobutadiene	15.506	225	40378	20.445	ug/l	98
95) Naphthalene	15.647	128	156520	13.428	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	64048	16.336	ug/l	97

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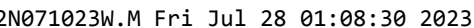
Instrument :
MSVOA_N
ClientSampleId :

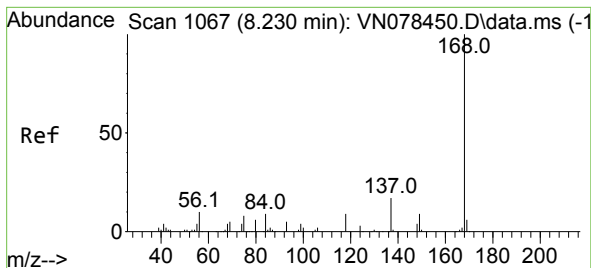
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QLast Update : Mon Jul 10 16:13:53 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 10

Delta R.T. 0.005 min

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Instrument :

MSVOA_N

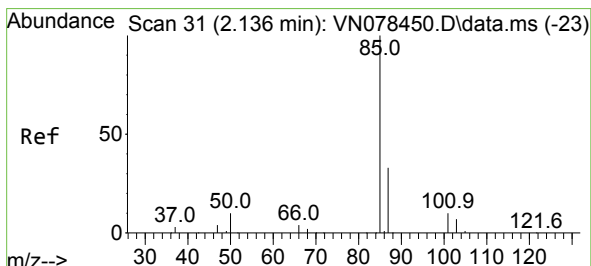
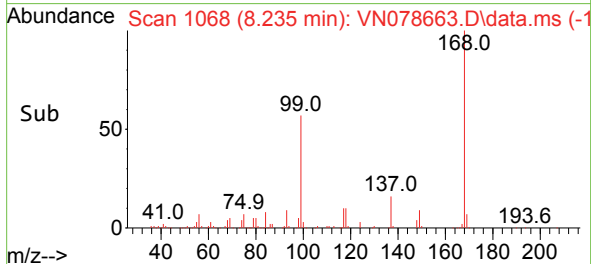
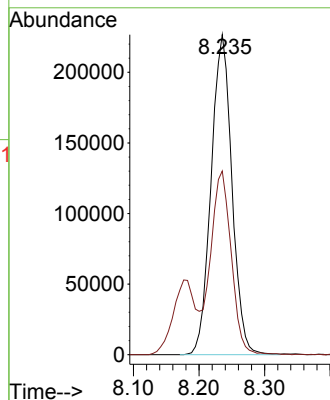
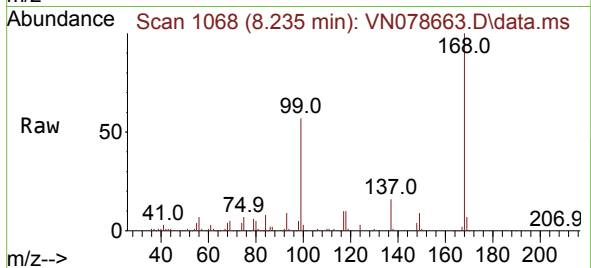
ClientSampleId :

Tgt Ion:168 Resp: 499170

Ion Ratio Lower Upper

168 100

99 57.3 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 19.782 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078663.D

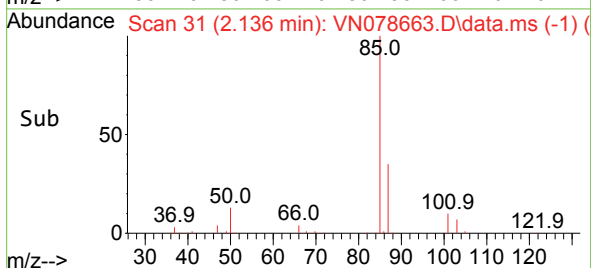
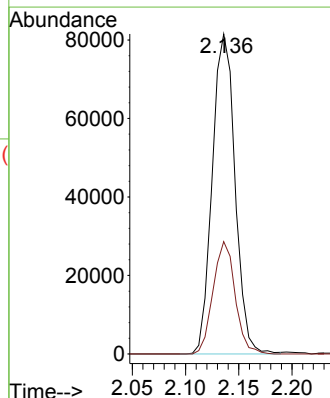
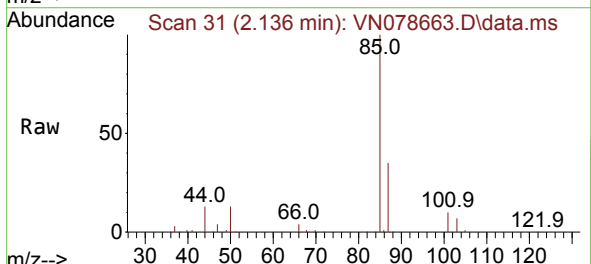
Acq: 27 Jul 2023 16:31

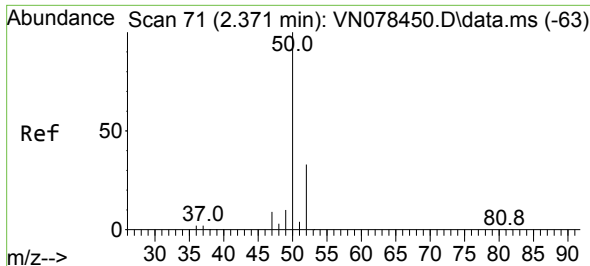
Tgt Ion: 85 Resp: 121070

Ion Ratio Lower Upper

85 100

87 35.1 15.8 47.4

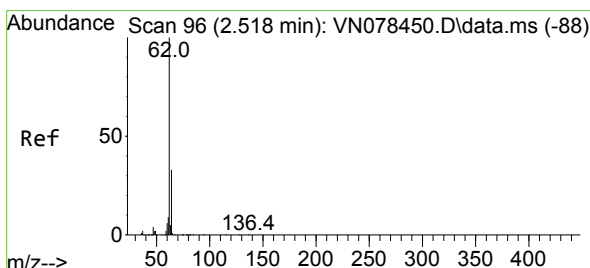
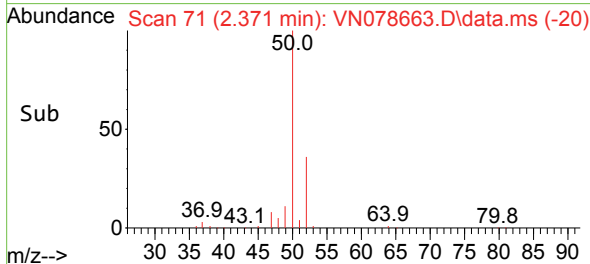
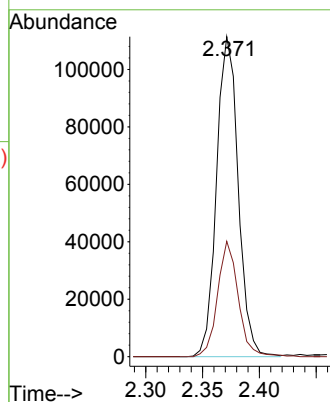
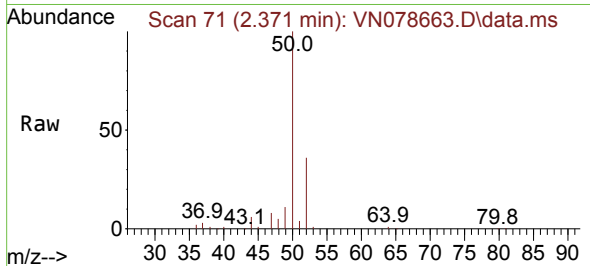




#3
Chloromethane
Concen: 22.234 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078663.D
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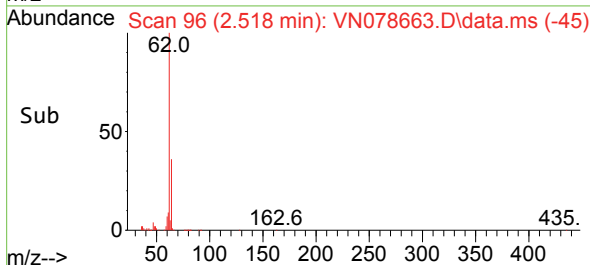
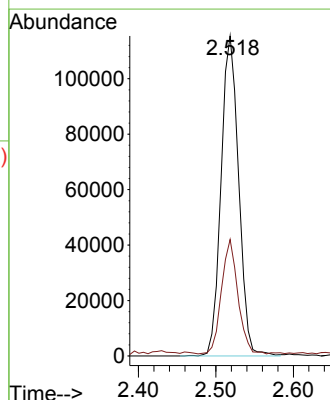
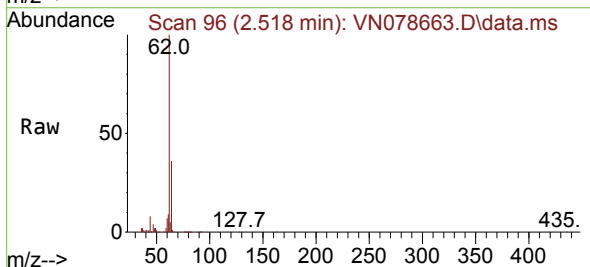
Instrument :
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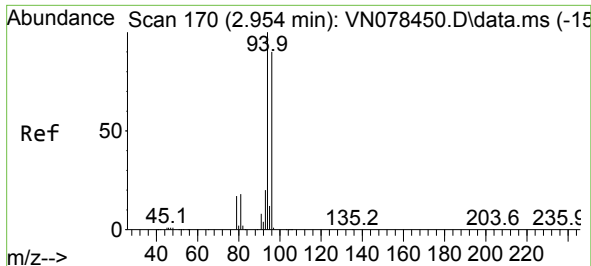
Tgt Ion: 50 Resp: 147902
Ion Ratio Lower Upper
50 100
52 36.0 26.5 39.7



#4
Vinyl Chloride
Concen: 21.188 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion: 62 Resp: 182326
Ion Ratio Lower Upper
62 100
64 35.6 26.2 39.2

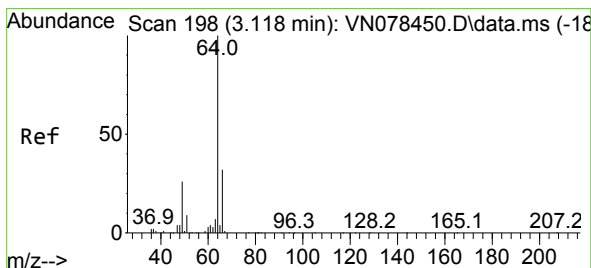
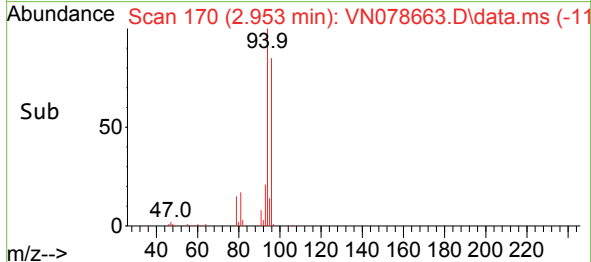
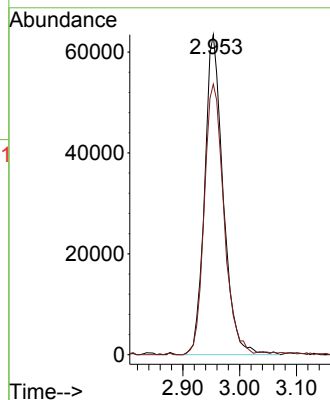
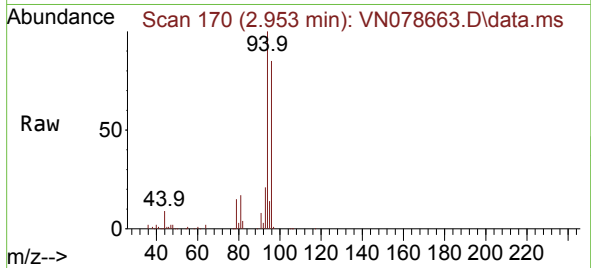




#5
Bromomethane
Concen: 23.718 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078663.D
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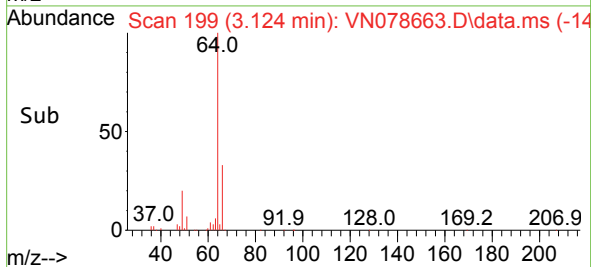
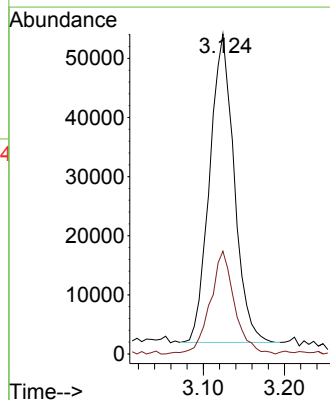
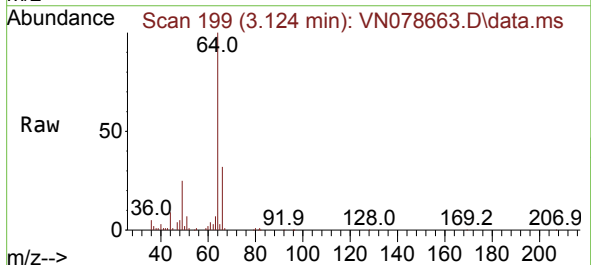
Instrument :
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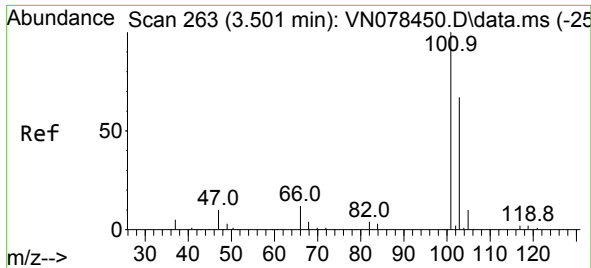
Tgt Ion: 94 Resp: 143316
Ion Ratio Lower Upper
94 100
96 84.6 73.1 109.7



#6
Chloroethane
Concen: 19.850 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

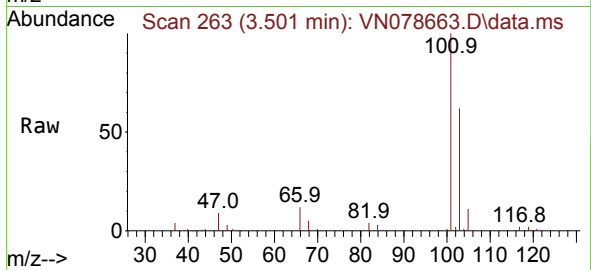
Tgt Ion: 64 Resp: 109357
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.2



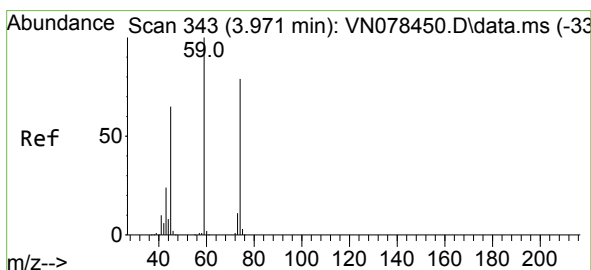
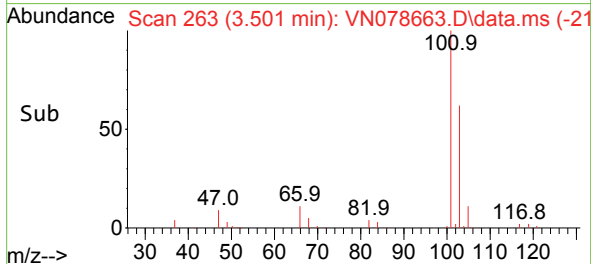
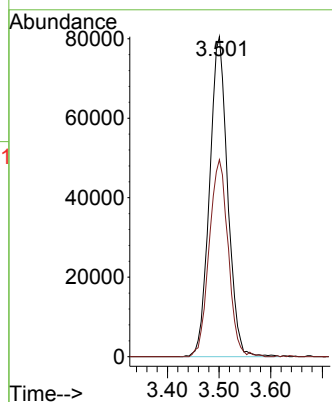


#7
 Trichlorofluoromethane
 Concen: 19.021 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

Instrument :
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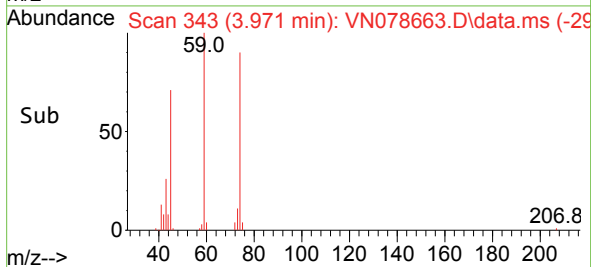
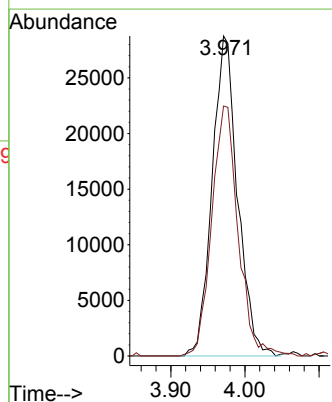
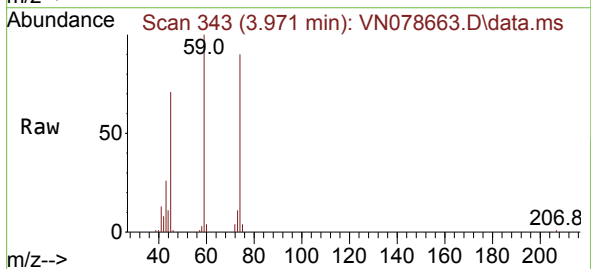


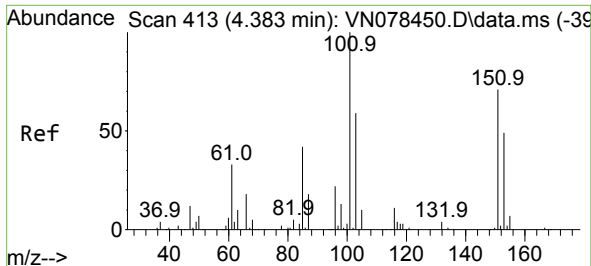
Tgt Ion:101 Resp: 195659
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 20.018 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078663.D
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Tgt Ion: 74 Resp: 68606
 Ion Ratio Lower Upper
 74 100
 45 81.0 34.4 103.3

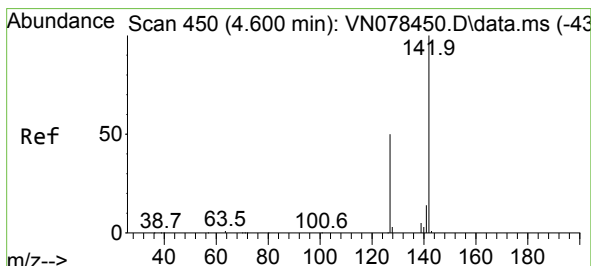
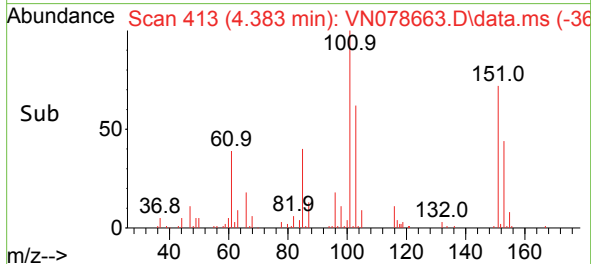
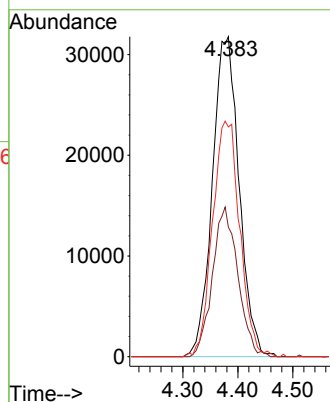
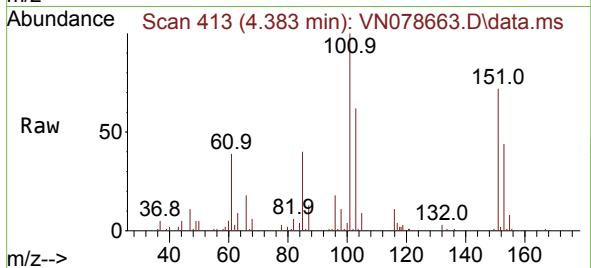




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.717 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
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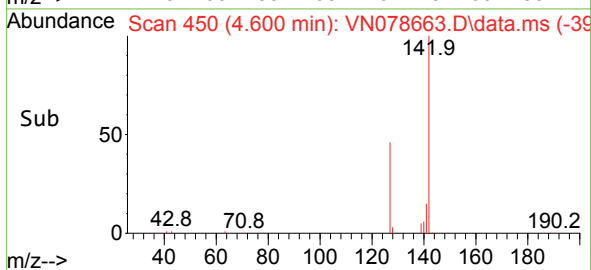
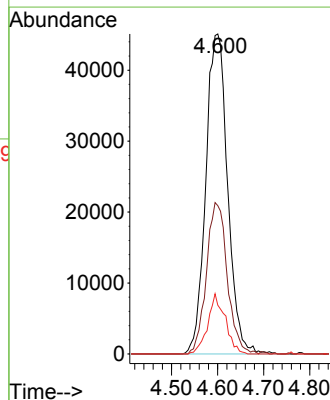
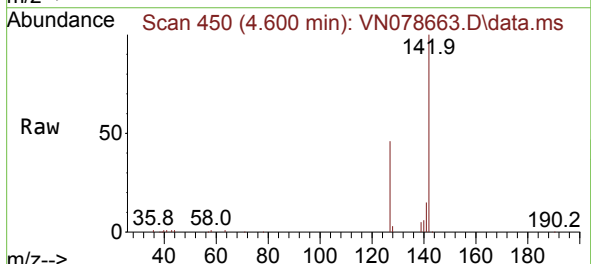
Instrument :
MSVOA_N
ClientSampleId :

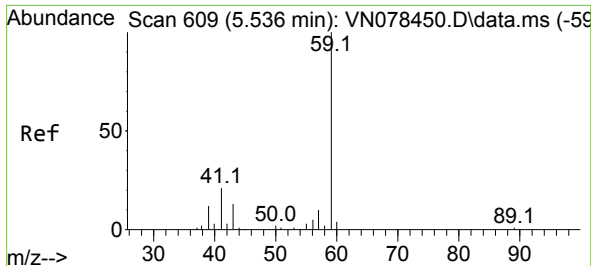
Tgt Ion:101 Resp: 107362
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 75.0 57.6 86.4



#10
Methyl Iodide
Concen: 19.885 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion:142 Resp: 148792
Ion Ratio Lower Upper
142 100
127 46.4 37.6 56.4
141 15.2 11.4 17.0

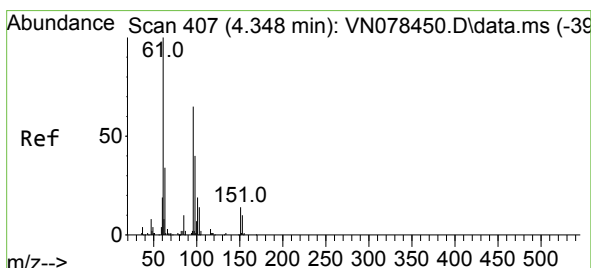
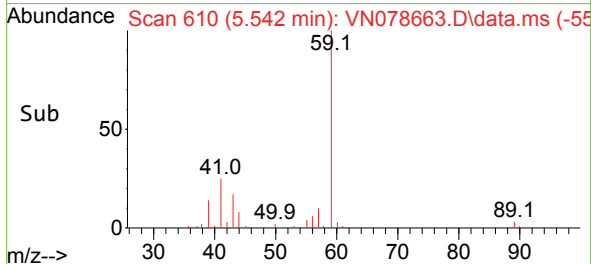
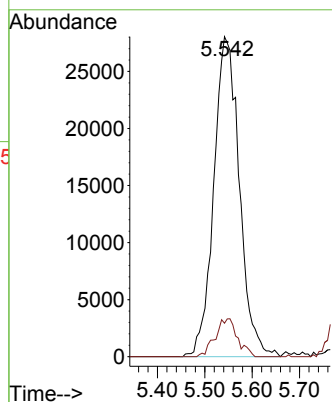
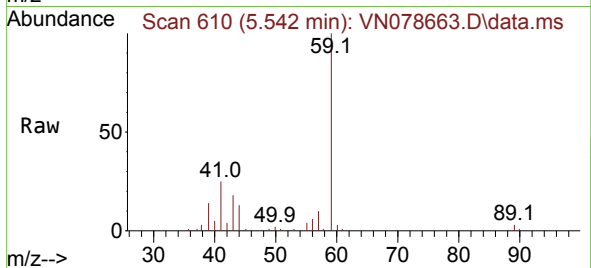




#11
Tert butyl alcohol
Concen: 102.036 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

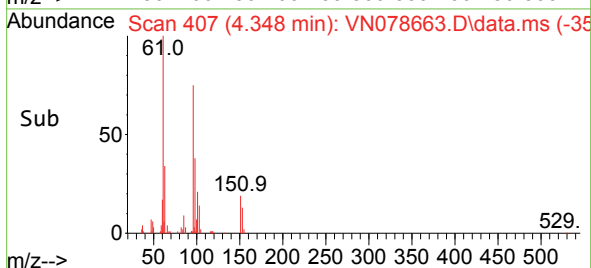
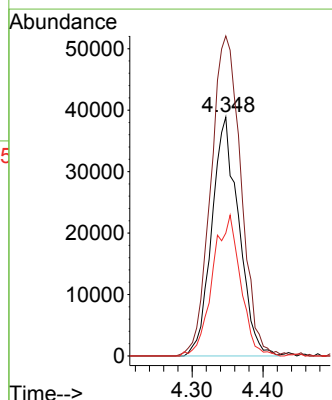
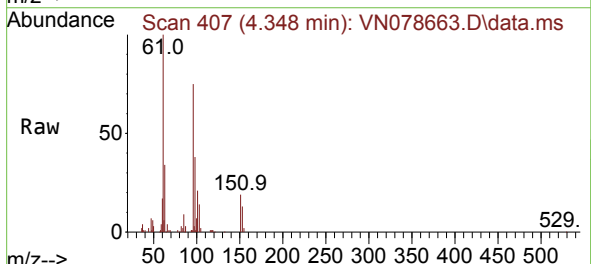
Instrument :
MSVOA_N
ClientSampleId :

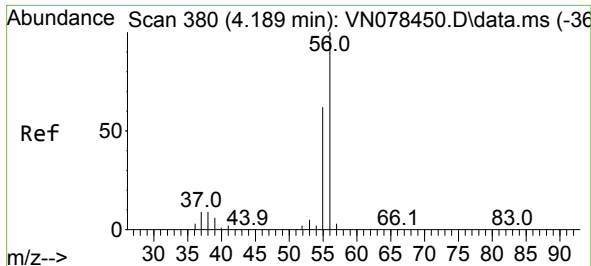
Tgt Ion: 59 Resp: 105292
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.403 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion: 96 Resp: 102198
Ion Ratio Lower Upper
96 100
61 133.4 112.7 169.1
98 51.4 51.2 76.8

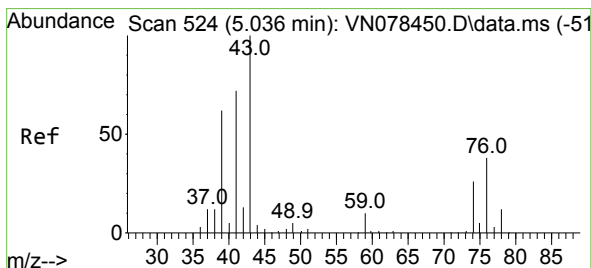
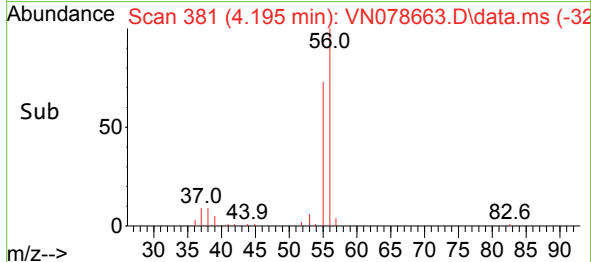
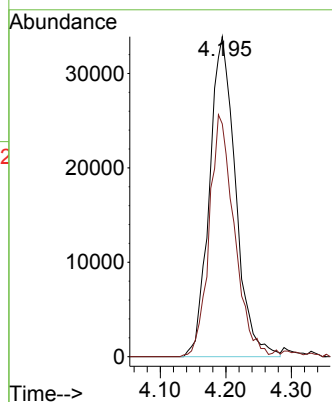
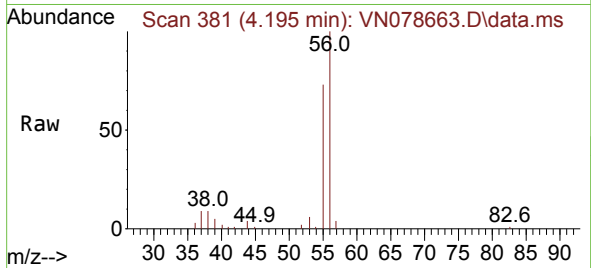




#13
Acrolein
Concen: 92.430 ug/l
RT: 4.195 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

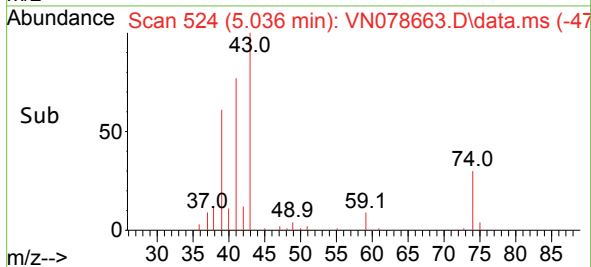
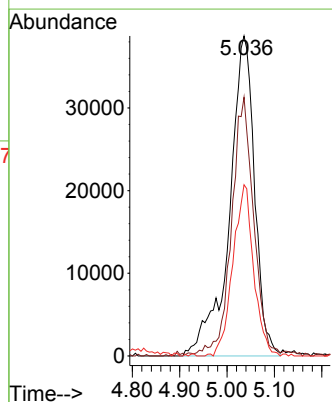
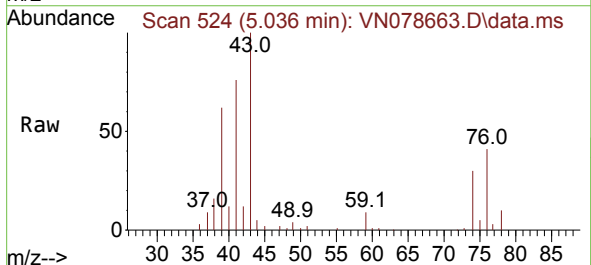
Instrument :
MSVOA_N
ClientSampleId :

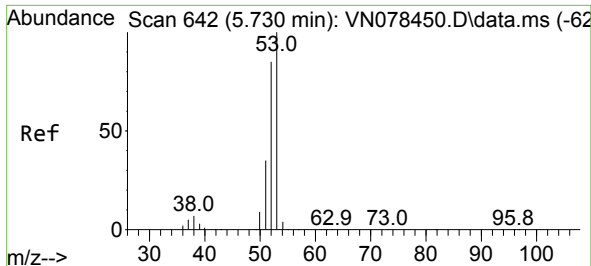
Tgt Ion: 56 Resp: 93841
Ion Ratio Lower Upper
56 100
55 72.4 54.5 81.7



#14
Allyl chloride
Concen: 19.895 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

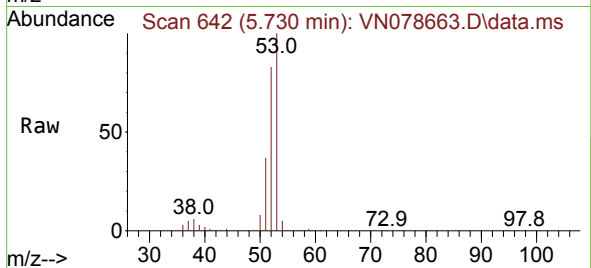
Tgt Ion: 41 Resp: 143190
Ion Ratio Lower Upper
41 100
39 69.9 58.8 88.2
76 44.1 39.1 58.7



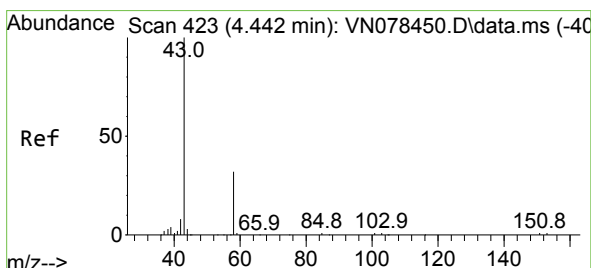
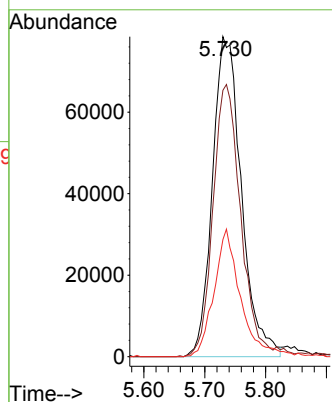
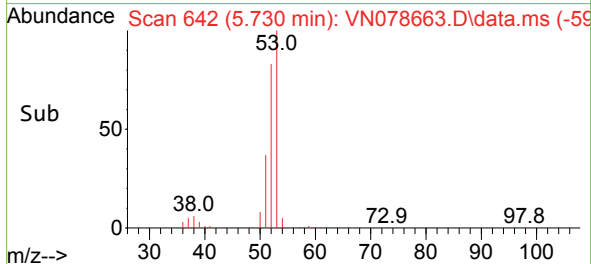


#15
Acrylonitrile
Concen: 99.287 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :

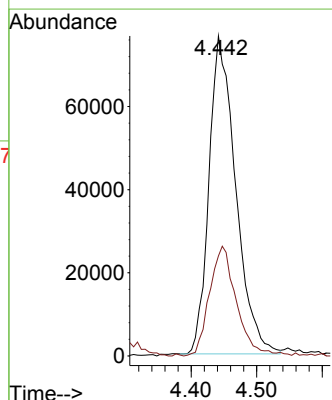
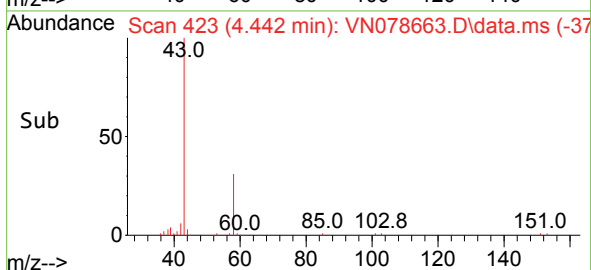
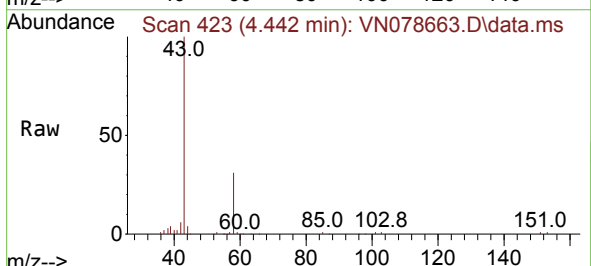


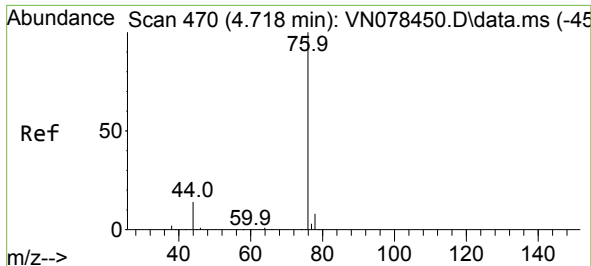
Tgt Ion: 53 Resp: 258865
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 36.7 28.9 43.3



#16
Acetone
Concen: 103.891 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion: 43 Resp: 216564
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0

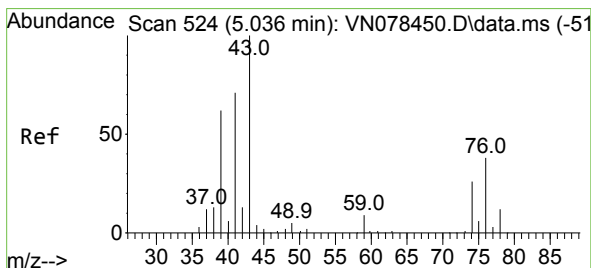
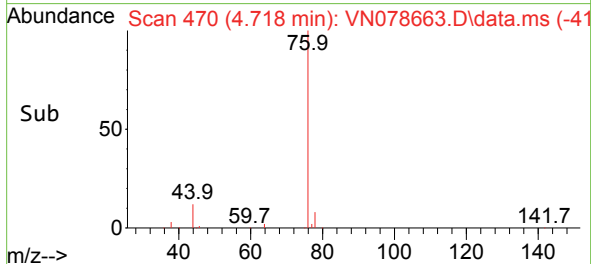
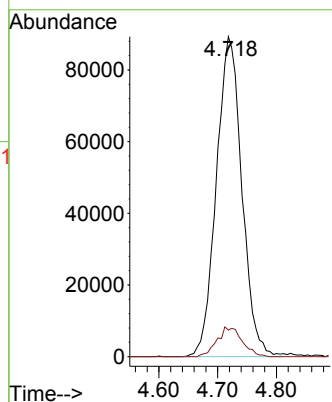
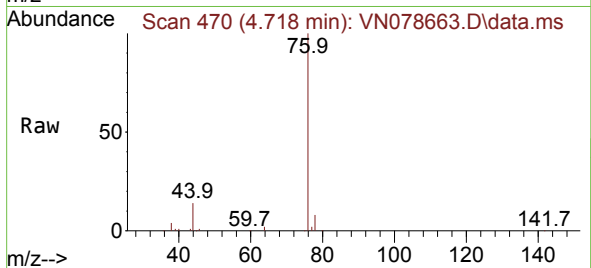




#17
Carbon Disulfide
Concen: 17.668 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

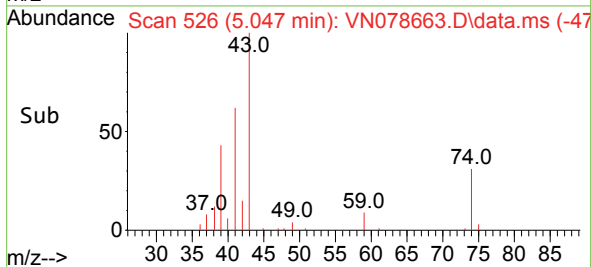
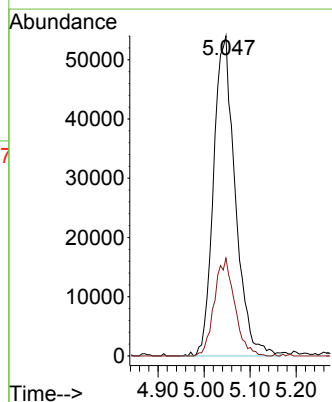
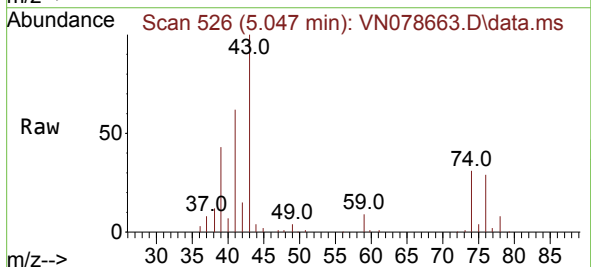
Instrument :
MSVOA_N
ClientSampleId :

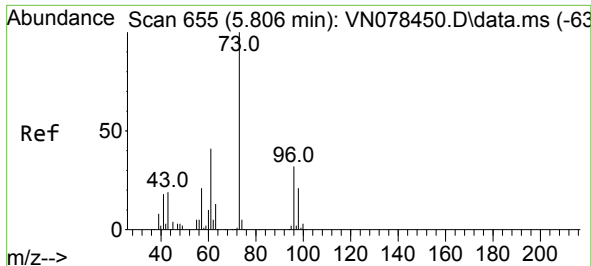
Tgt Ion: 76 Resp: 269090
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#18
Methyl Acetate
Concen: 20.028 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.011 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion: 43 Resp: 176729
Ion Ratio Lower Upper
43 100
74 28.7 26.2 39.4

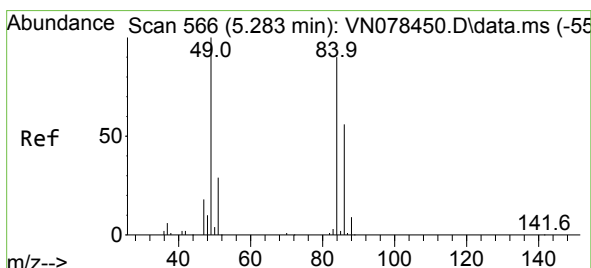
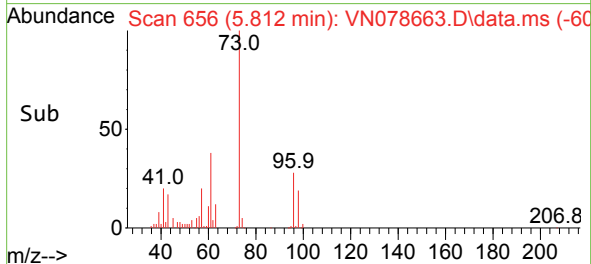
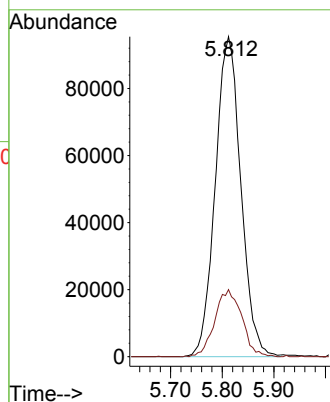
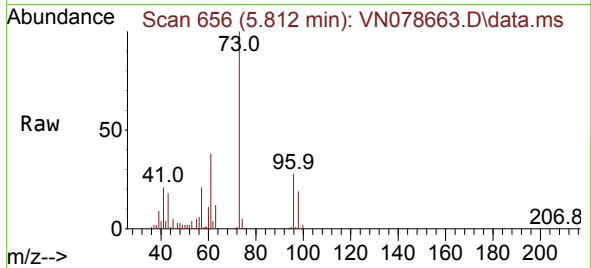




#19
Methyl tert-butyl Ether
Concen: 18.873 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

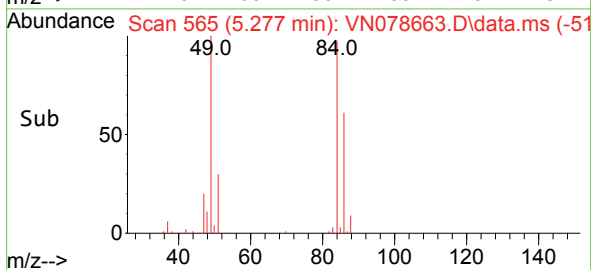
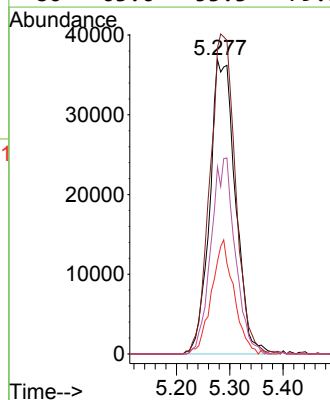
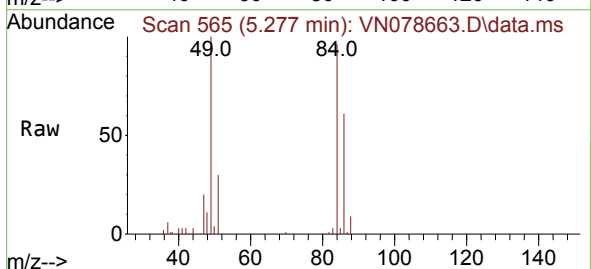
Instrument :
MSVOA_N
ClientSampleId :

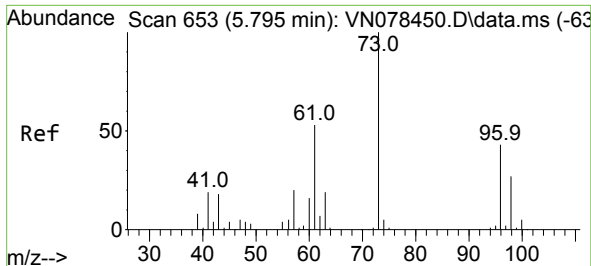
Tgt Ion: 73 Resp: 327535
Ion Ratio Lower Upper
73 100
57 21.0 15.6 23.4



#20
Methylene Chloride
Concen: 19.916 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

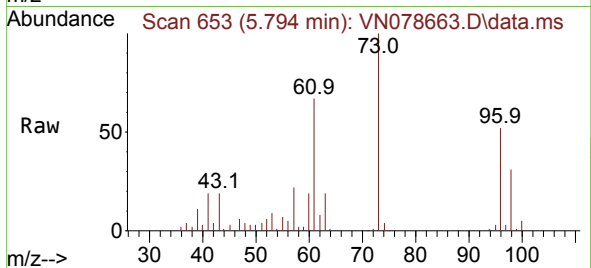
Tgt Ion: 84 Resp: 123479
Ion Ratio Lower Upper
84 100
49 104.0 79.7 119.5
51 31.5 25.2 37.8
86 63.6 53.3 79.9



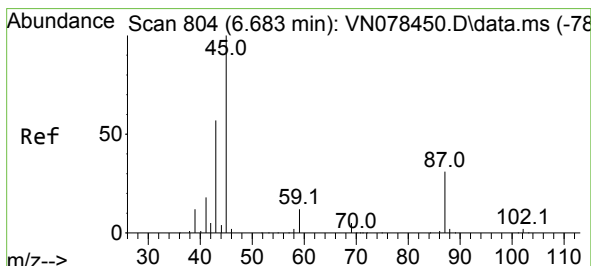
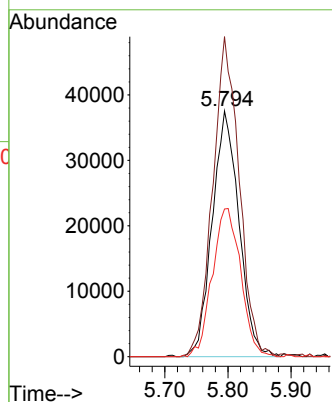
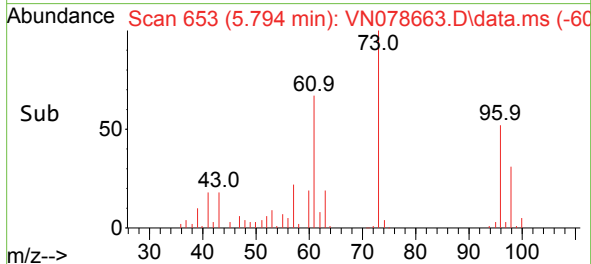


#21
trans-1,2-Dichloroethene
Concen: 18.611 ug/l
RT: 5.794 min Scan# 610
Delta R.T. -0.001 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

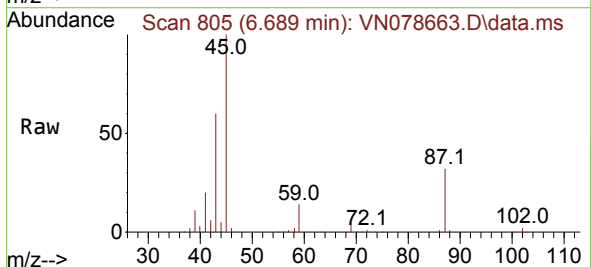
Instrument :
MSVOA_N
ClientSampleId :



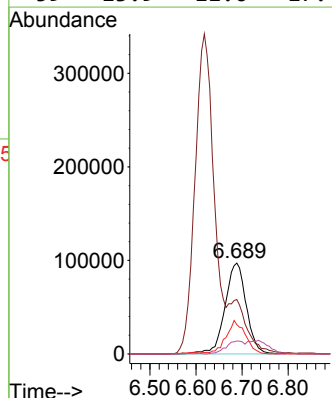
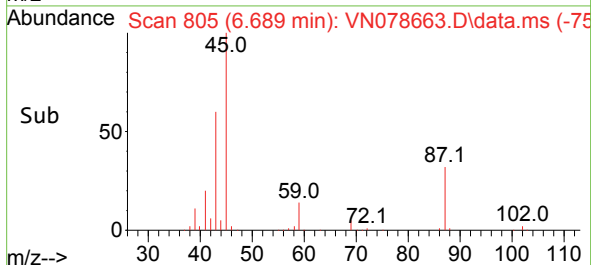
Tgt Ion: 96 Resp: 110463
Ion Ratio Lower Upper
96 100
61 130.3 90.1 135.1
98 60.1 46.4 69.6

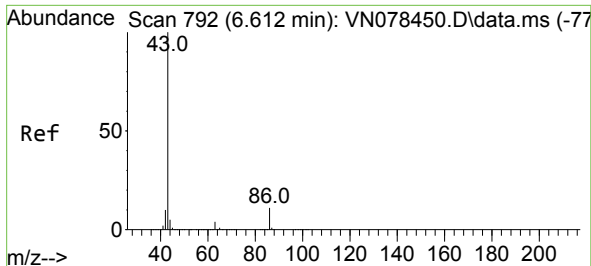


#22
Diisopropyl ether
Concen: 19.276 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31



Tgt Ion: 45 Resp: 310654
Ion Ratio Lower Upper
45 100
43 58.0 45.5 68.3
87 32.0 31.8 47.8
59 13.9 11.6 17.4

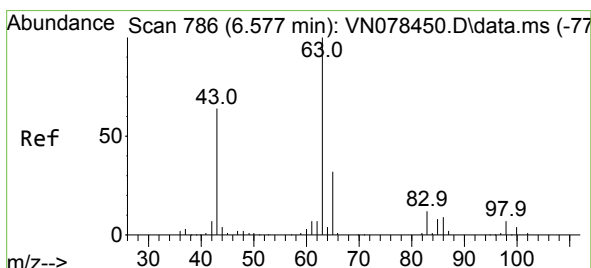
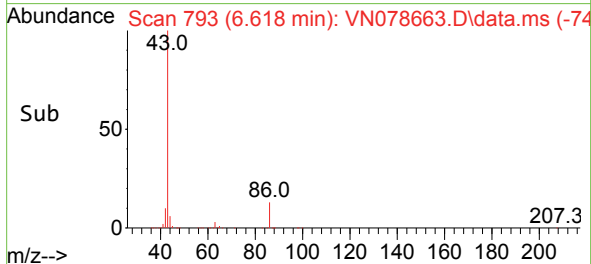
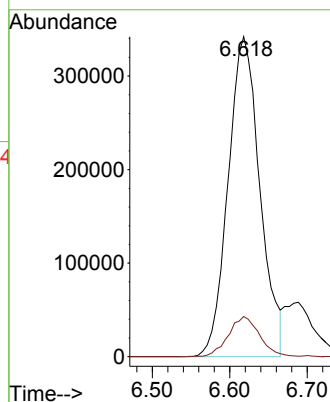
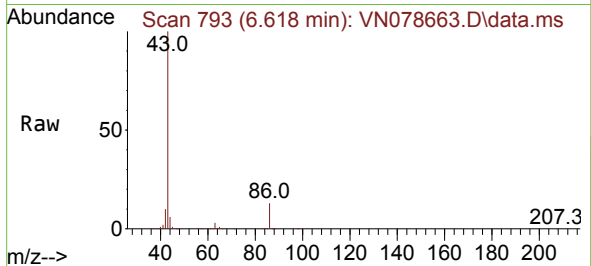




#23
 Vinyl Acetate
 Concen: 95.262 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

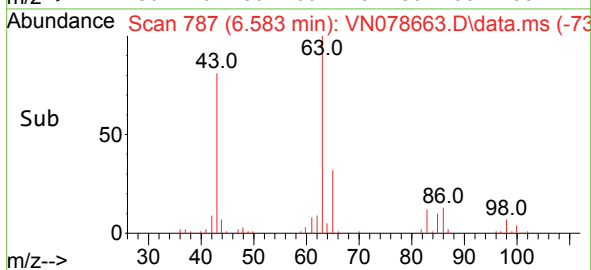
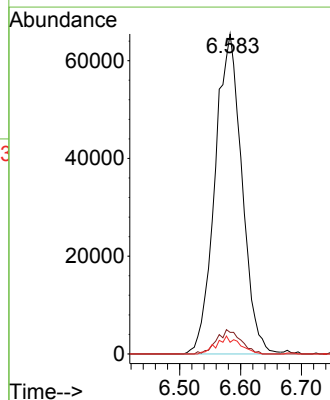
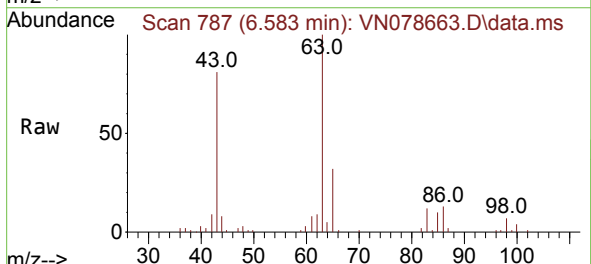
Instrument :
 MSVOA_N
 ClientSampleId :

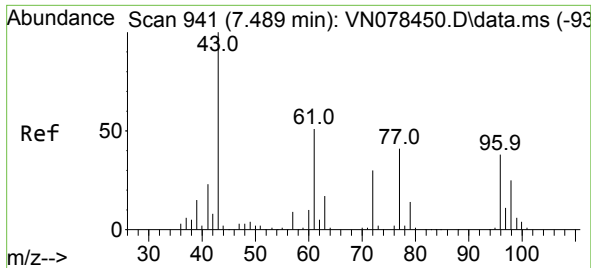
Tgt Ion: 43 Resp: 975993
 Ion Ratio Lower Upper
 43 100
 86 12.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 18.501 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

Tgt Ion: 63 Resp: 200907
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 3.6 2.5 7.4

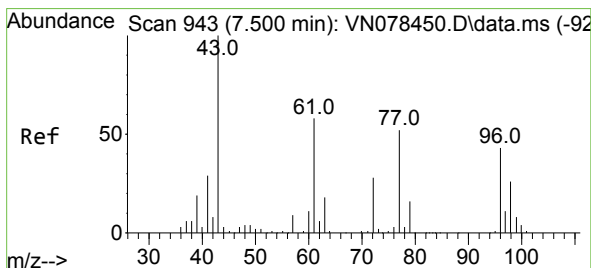
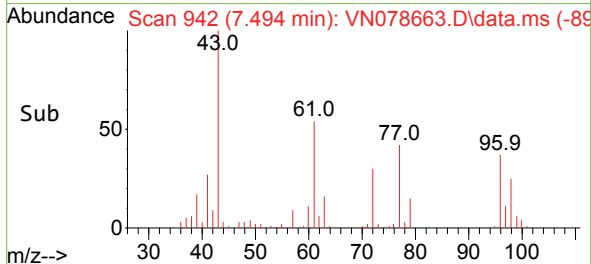
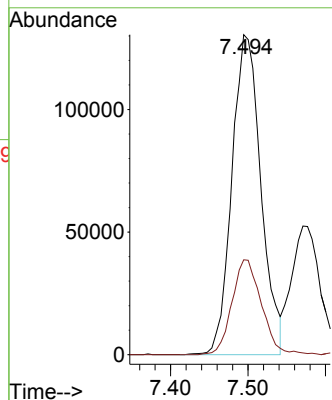
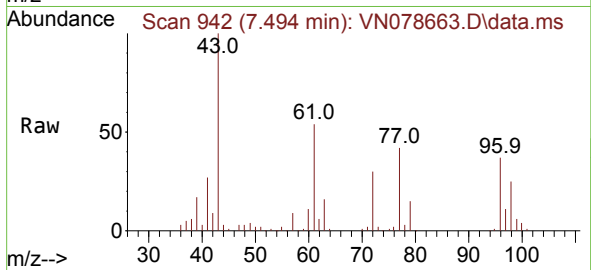




#25
2-Butanone
Concen: 103.733 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

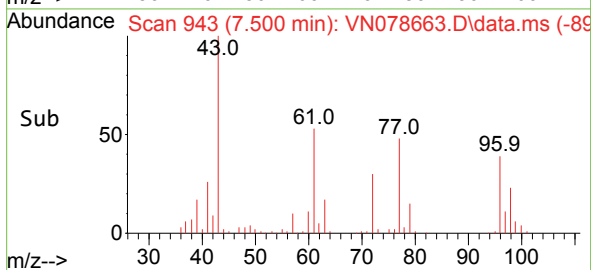
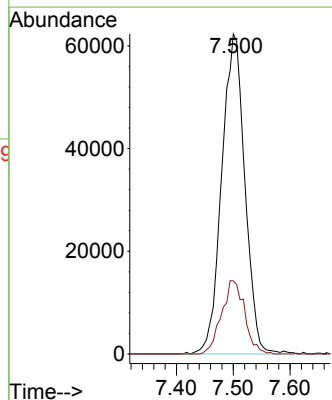
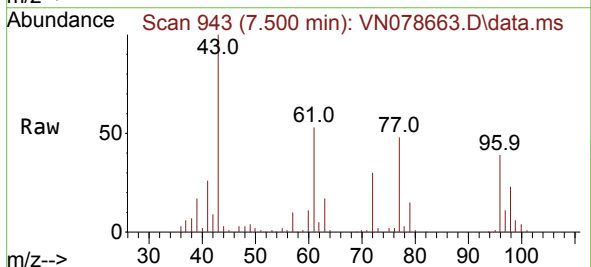
Instrument :
MSVOA_N
ClientSampleId :

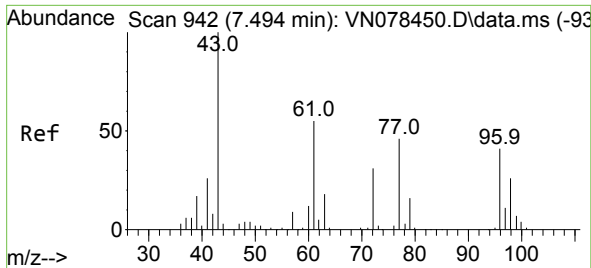
Tgt Ion: 43 Resp: 340381
Ion Ratio Lower Upper
43 100
72 29.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.836 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion: 77 Resp: 176178
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6

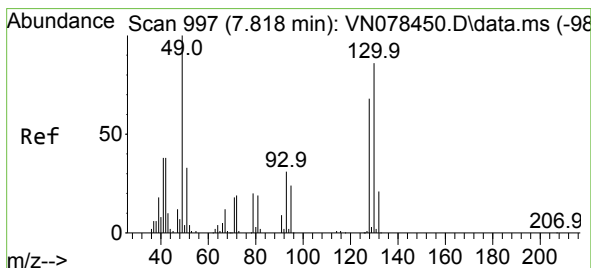
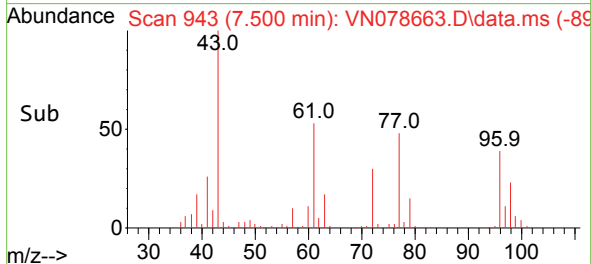
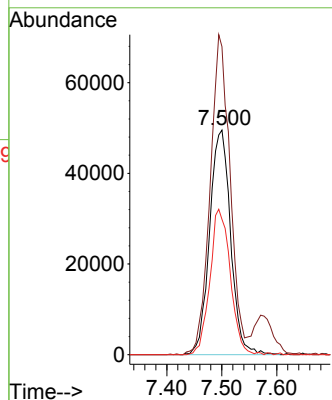
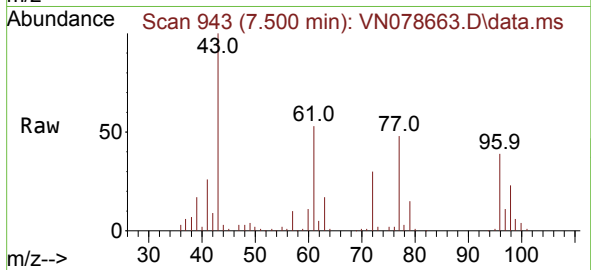




#27
 cis-1,2-Dichloroethene
 Concen: 19.185 ug/l
 RT: 7.500 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

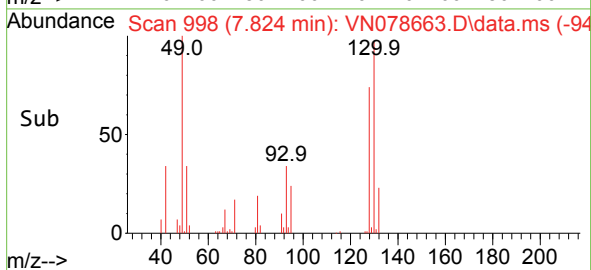
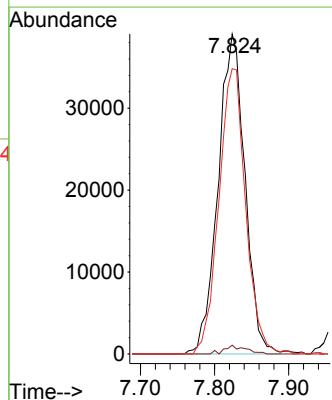
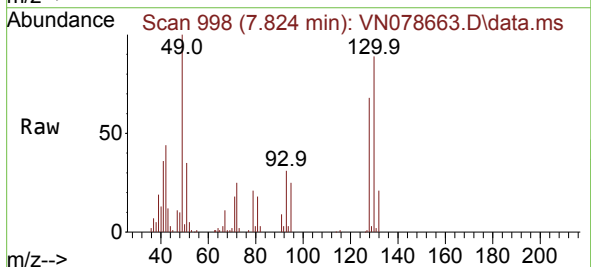
Instrument :
 MSVOA_N
 ClientSampleId :

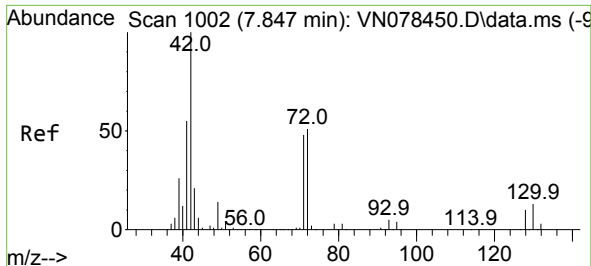
Tgt Ion: 96 Resp: 131732
 Ion Ratio Lower Upper
 96 100
 61 135.4 0.0 255.2
 98 62.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 19.202 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

Tgt Ion: 49 Resp: 98213
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 89.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 101.478 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

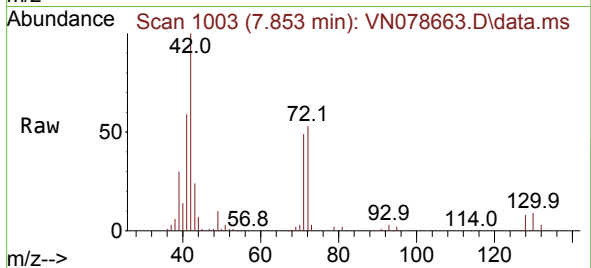
Lab File: VN078663.D

Acq: 27 Jul 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :



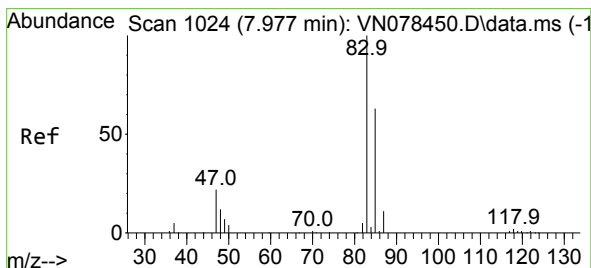
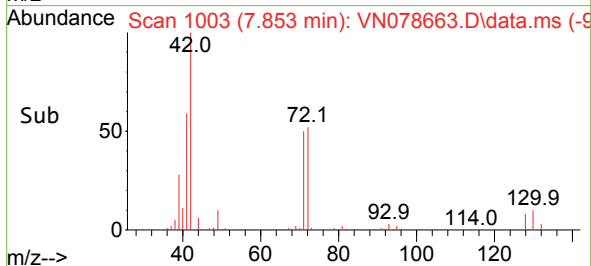
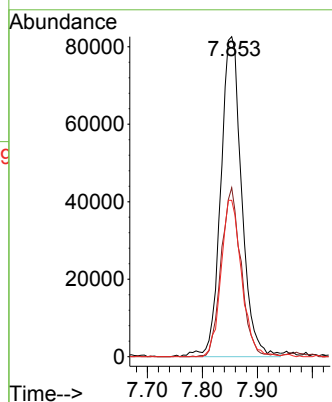
Tgt Ion: 42 Resp: 218492

Ion Ratio Lower Upper

42 100

72 50.1 49.8 74.6

71 48.0 47.4 71.2



#30

Chloroform

Concen: 19.806 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078663.D

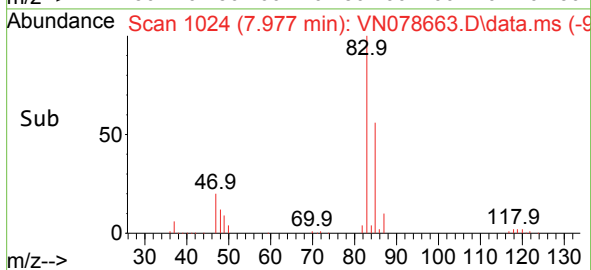
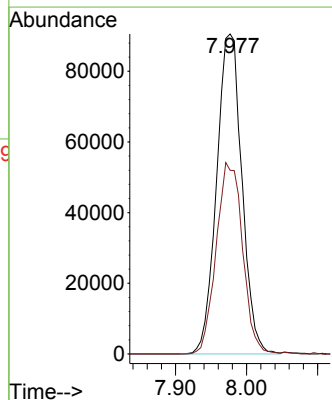
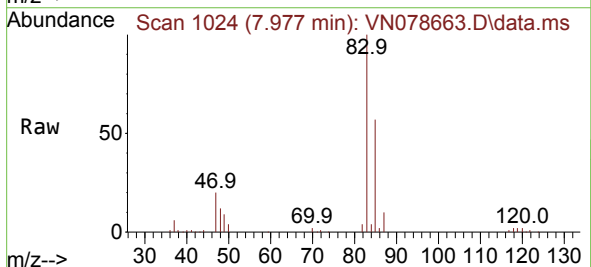
Acq: 27 Jul 2023 16:31

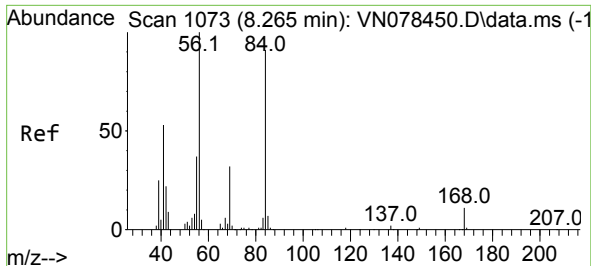
Tgt Ion: 83 Resp: 223919

Ion Ratio Lower Upper

83 100

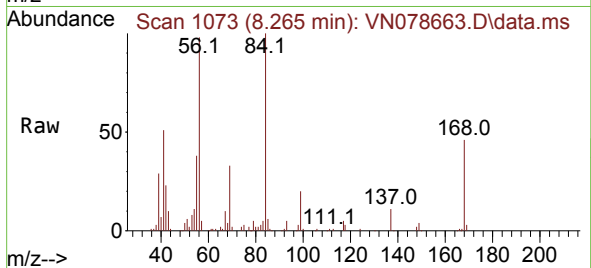
85 57.4 55.4 83.0



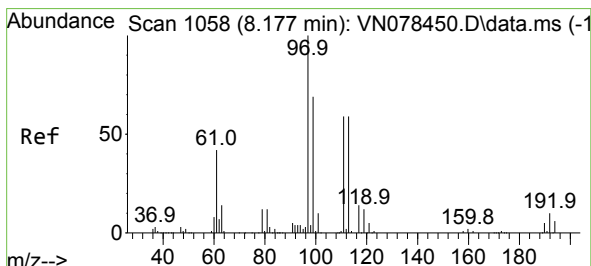
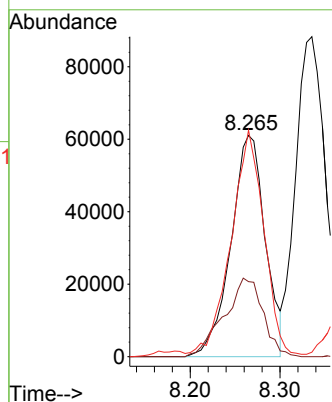
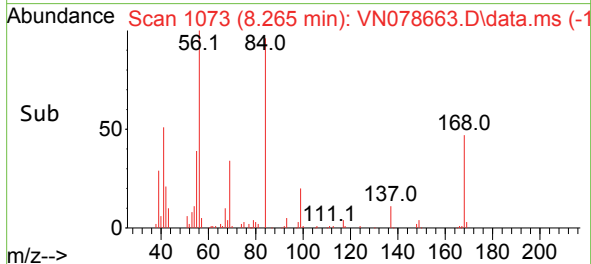


#31
Cyclohexane
Concen: 17.931 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :

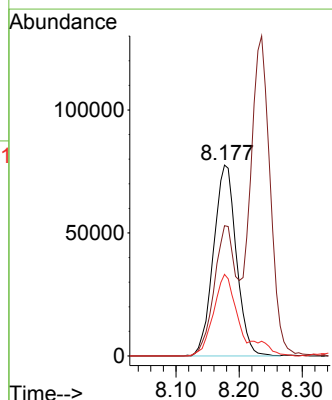
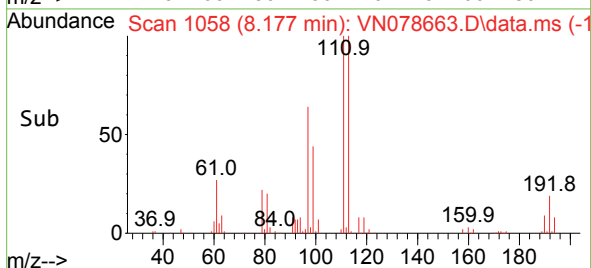
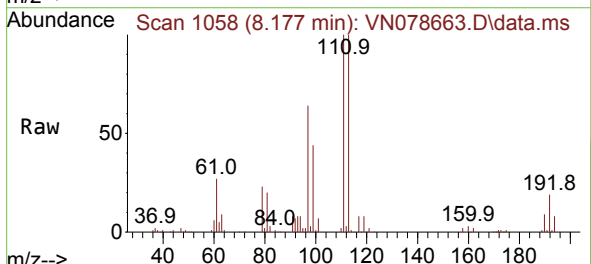


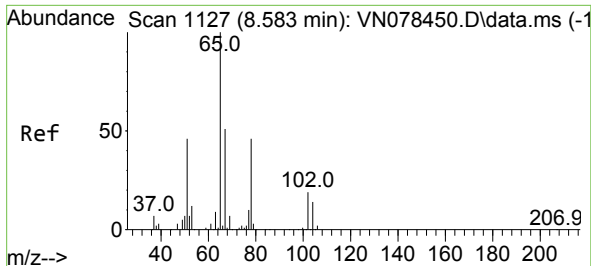
Tgt Ion: 56 Resp: 162165
Ion Ratio Lower Upper
56 100
69 33.9 26.8 40.2
84 100.0 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 19.236 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion: 97 Resp: 194980
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 43.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.823 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078663.D

Acq: 27 Jul 2023 16:31

Instrument :

MSVOA_N

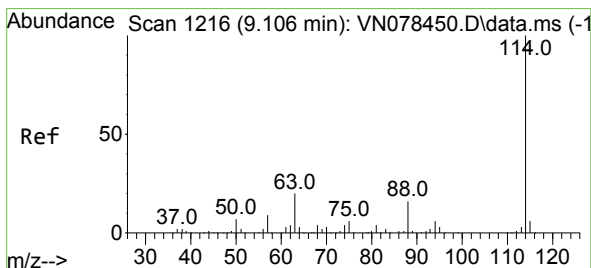
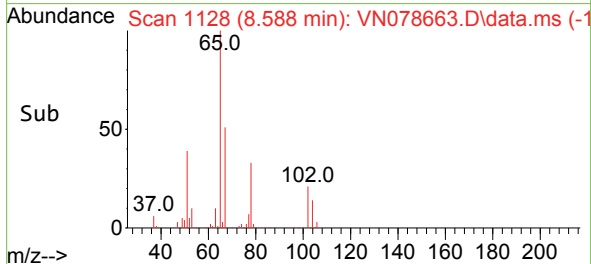
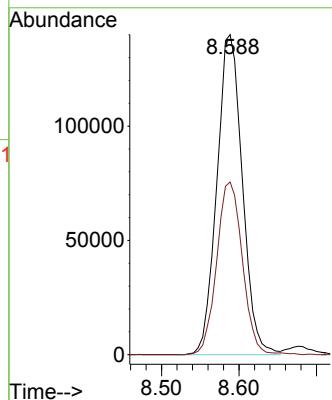
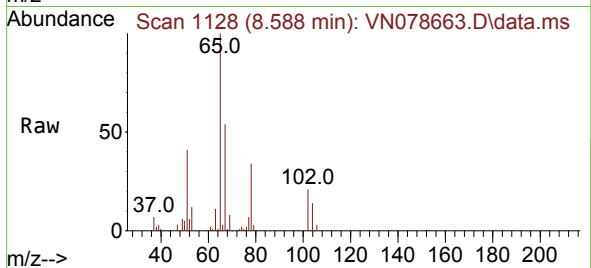
ClientSampleId :

Tgt Ion: 65 Resp: 320026

Ion Ratio Lower Upper

65 100

67 54.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078663.D

Acq: 27 Jul 2023 16:31

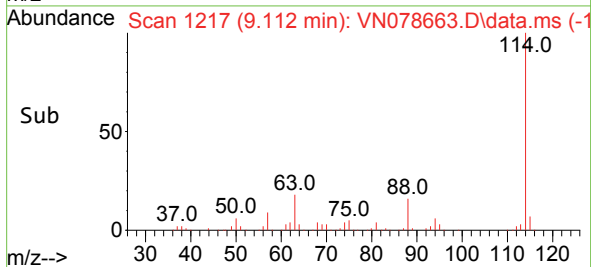
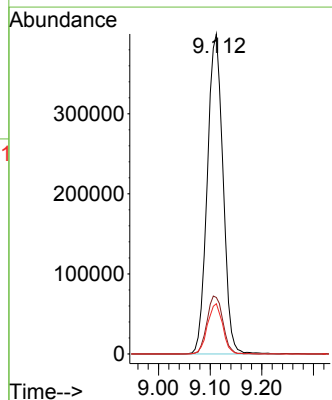
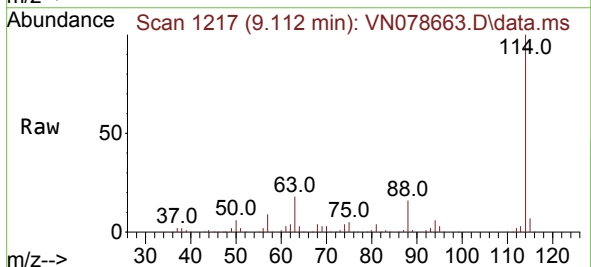
Tgt Ion: 114 Resp: 842219

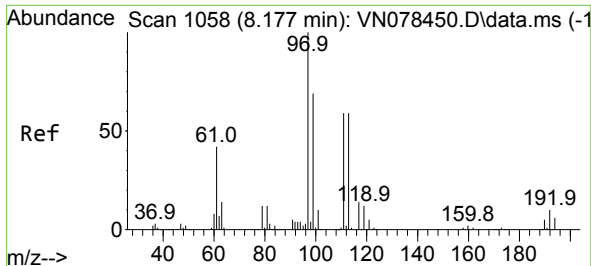
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.4

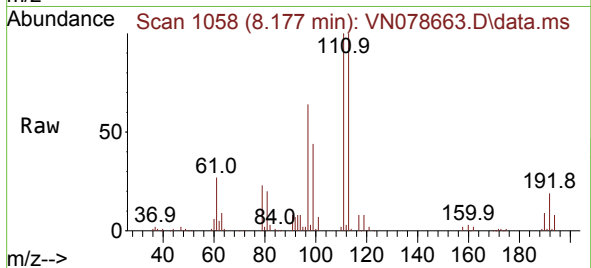
88 15.7 0.0 30.6



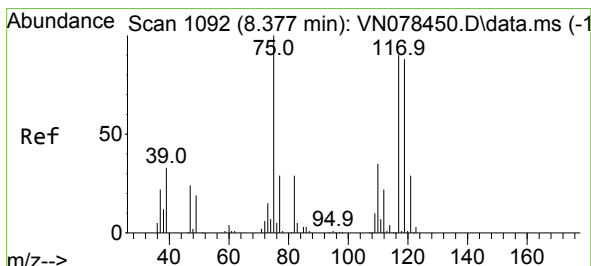
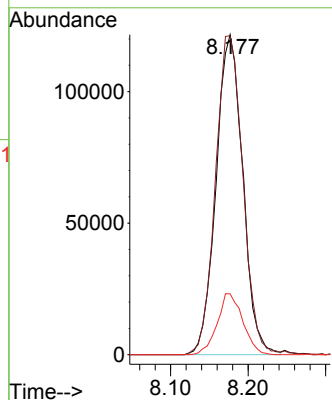
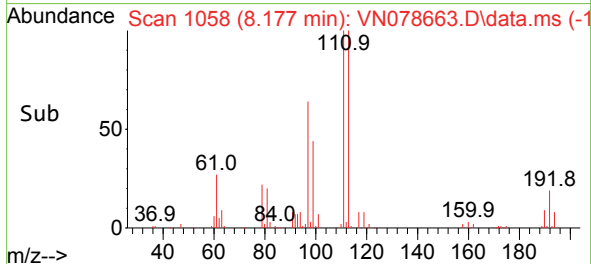


#35
Dibromofluoromethane
Concen: 50.932 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :

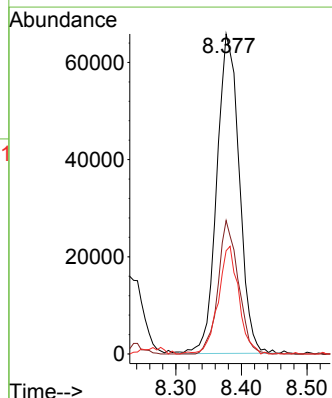
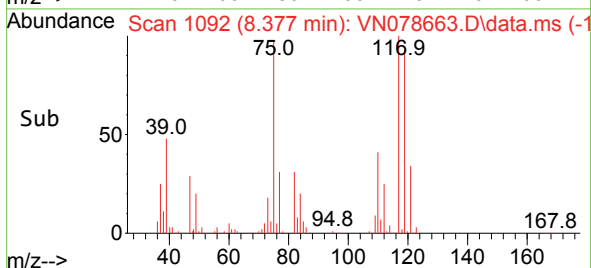
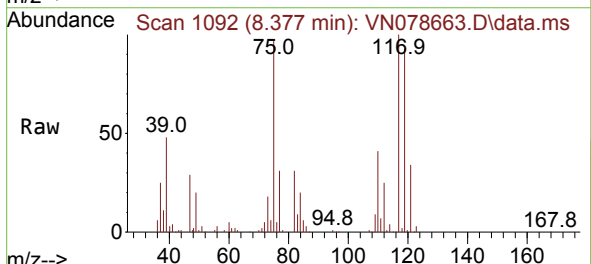


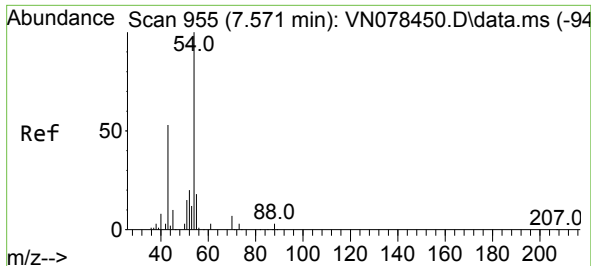
Tgt Ion:113 Resp: 291193
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 18.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 18.905 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

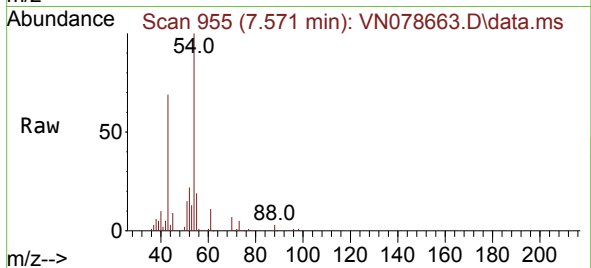
Tgt Ion: 75 Resp: 156067
Ion Ratio Lower Upper
75 100
110 37.7 19.1 57.3
77 31.0 25.0 37.4



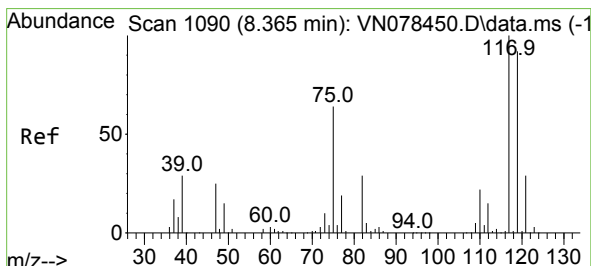
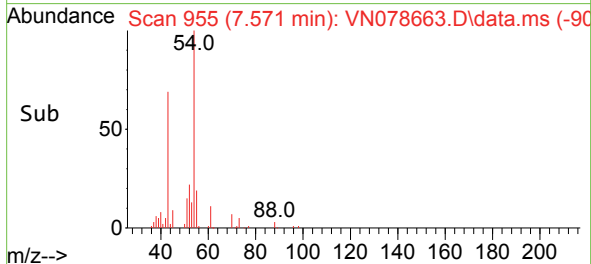
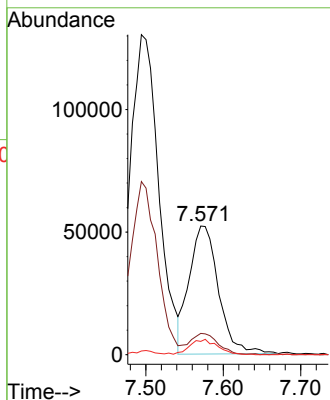


#37
Ethyl Acetate
Concen: 19.989 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :

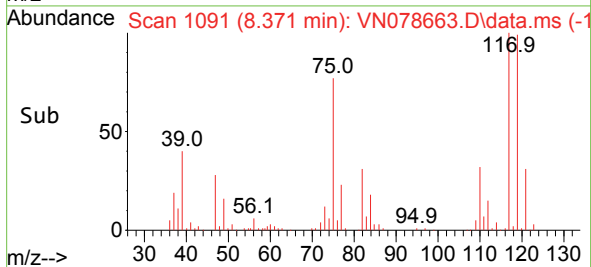
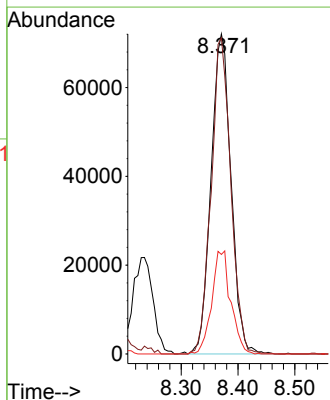
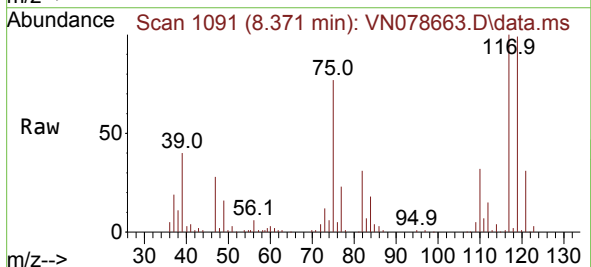


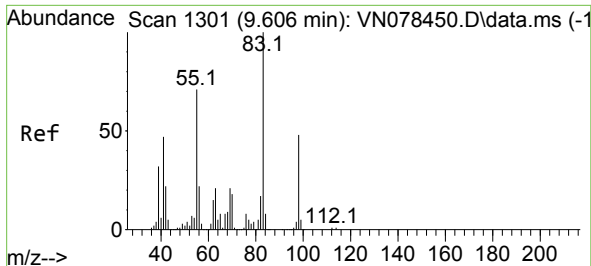
Tgt Ion: 43 Resp: 137556
Ion Ratio Lower Upper
43 100
61 15.6 13.2 19.8
70 11.5 11.3 16.9



#38
Carbon Tetrachloride
Concen: 19.629 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion: 117 Resp: 176117
Ion Ratio Lower Upper
117 100
119 98.8 77.3 115.9
121 31.1 23.3 34.9





#39

Methylcyclohexane

Concen: 19.769 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

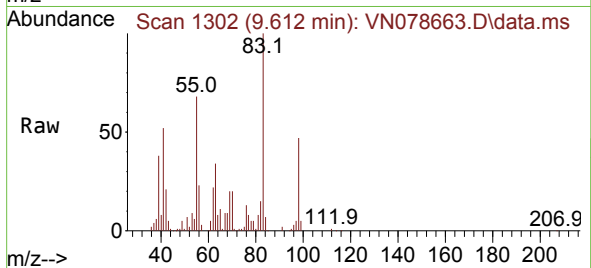
Lab File: VN078663.D

Acq: 27 Jul 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :



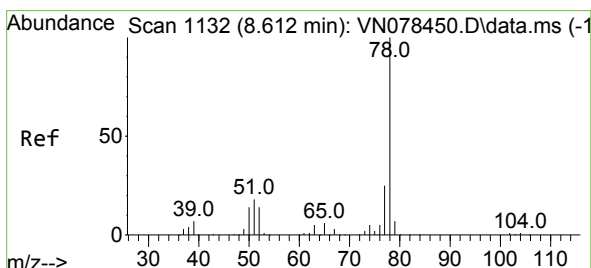
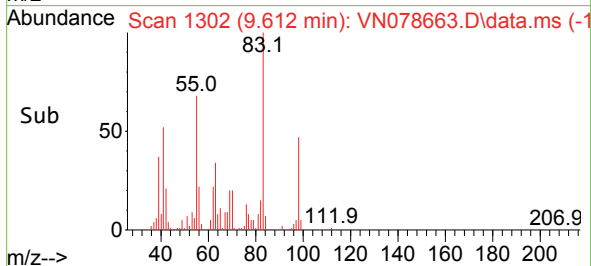
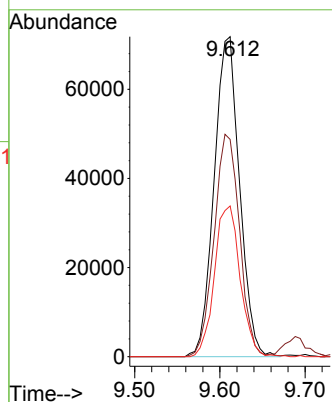
Tgt Ion: 83 Resp: 148968

Ion Ratio Lower Upper

83 100

55 67.9 49.1 73.7

98 47.1 40.6 61.0



#40

Benzene

Concen: 19.949 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078663.D

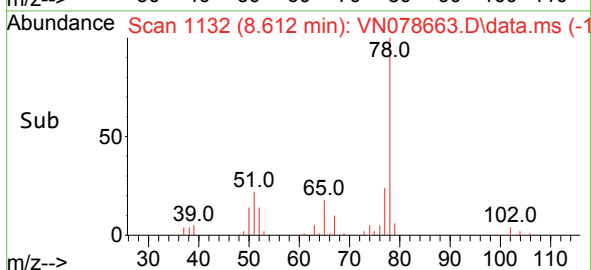
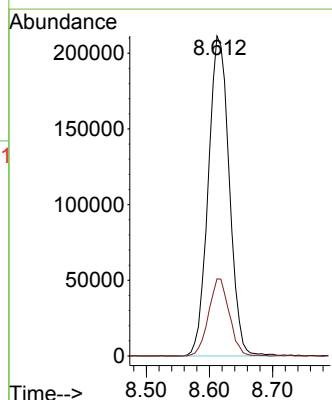
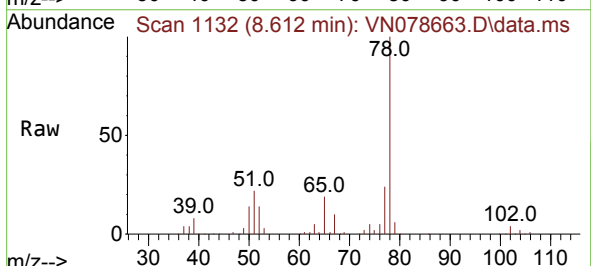
Acq: 27 Jul 2023 16:31

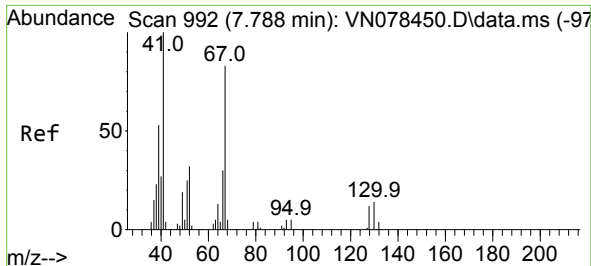
Tgt Ion: 78 Resp: 487882

Ion Ratio Lower Upper

78 100

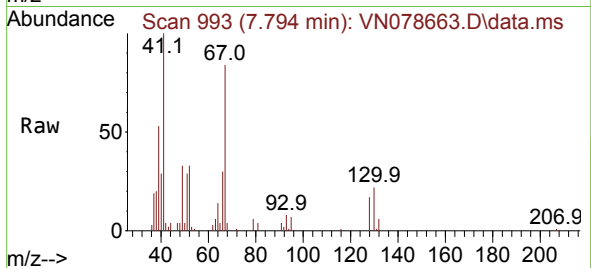
77 24.1 19.0 28.6



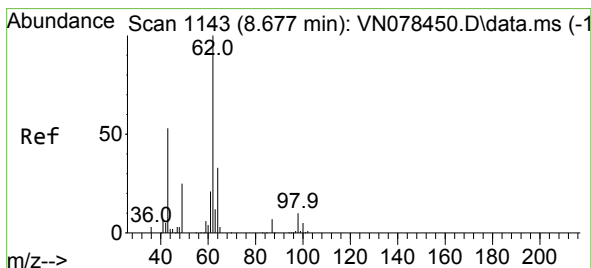
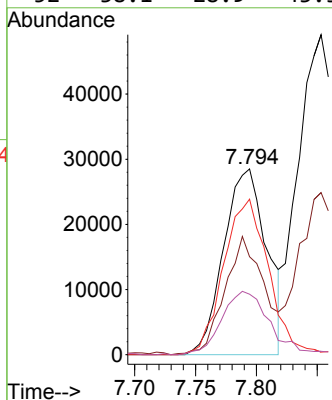
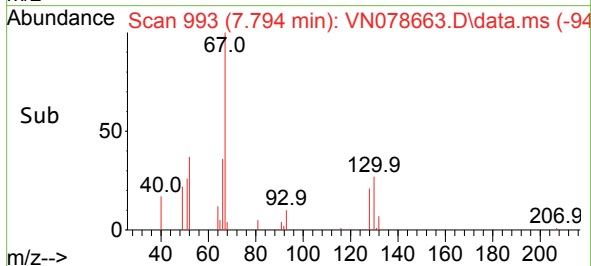


#41
Methacrylonitrile
Concen: 20.001 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :

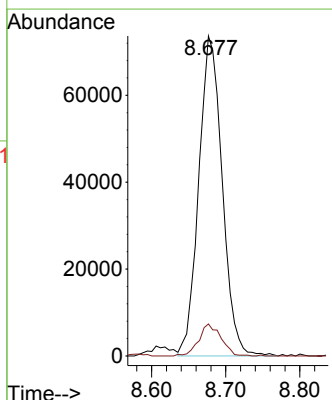
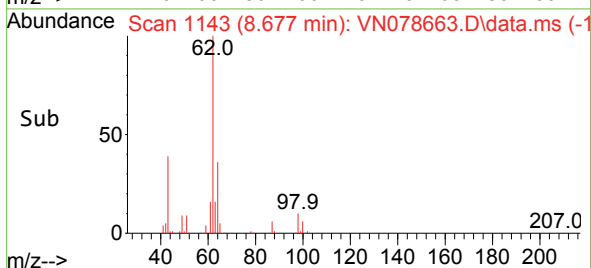
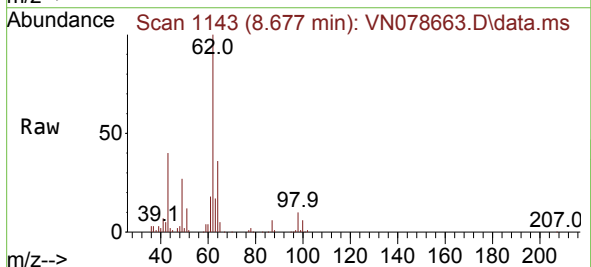


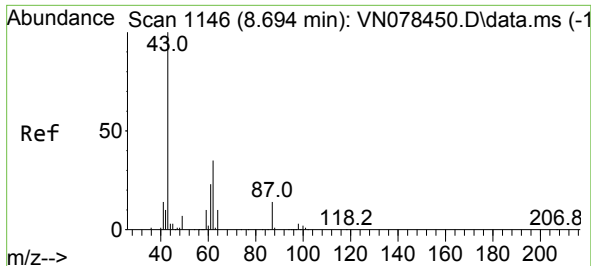
Tgt Ion:	41	Resp:	70167
Ion Ratio	Lower	Upper	
41	100		
39	57.7	42.6	64.0
67	87.3	77.5	116.3
52	38.1	28.9	43.3



#42
1,2-Dichloroethane
Concen: 19.497 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion:	62	Resp:	162192
Ion Ratio	Lower	Upper	
62	100		
98	9.5	0.0	19.8

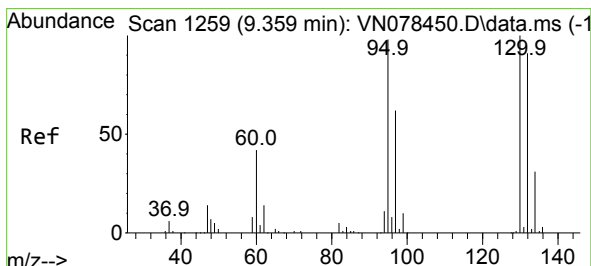
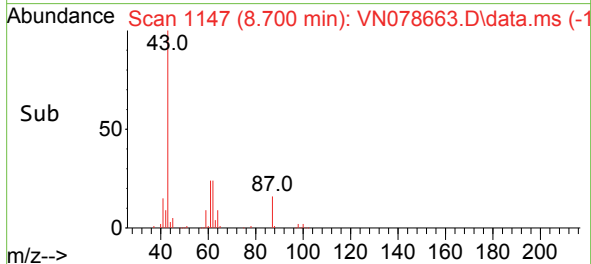
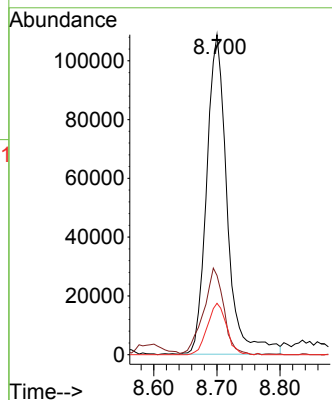
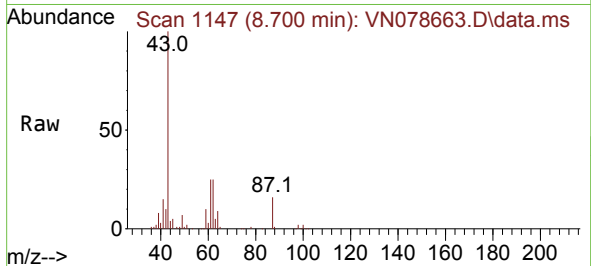




#43
Isopropyl Acetate
Concen: 21.607 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

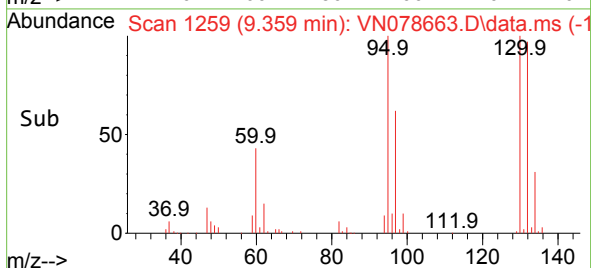
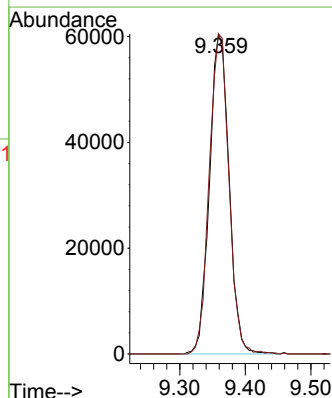
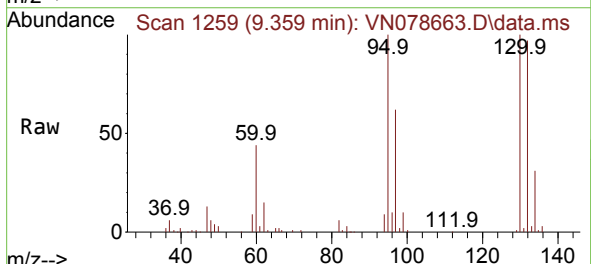
Instrument :
MSVOA_N
ClientSampleId :

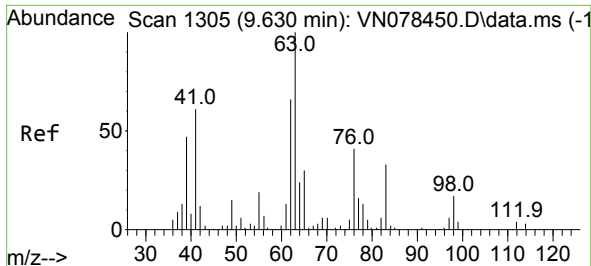
Tgt Ion: 43 Resp: 244803
Ion Ratio Lower Upper
43 100
61 26.8 24.7 37.1
87 15.1 14.6 21.8



#44
Trichloroethene
Concen: 19.057 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion:130 Resp: 125615
Ion Ratio Lower Upper
130 100
95 100.1 0.0 204.6

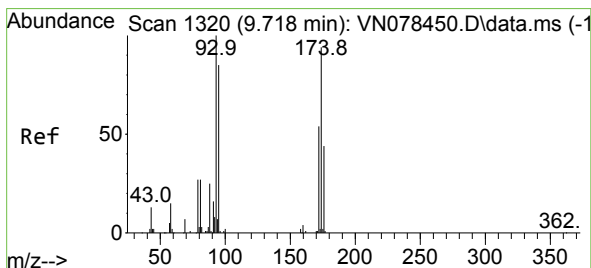
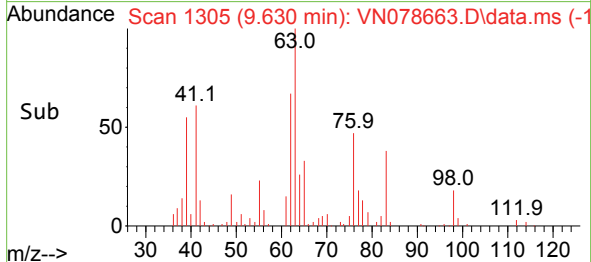
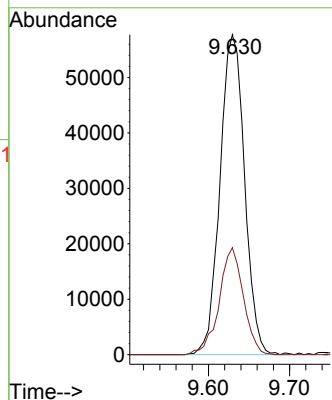
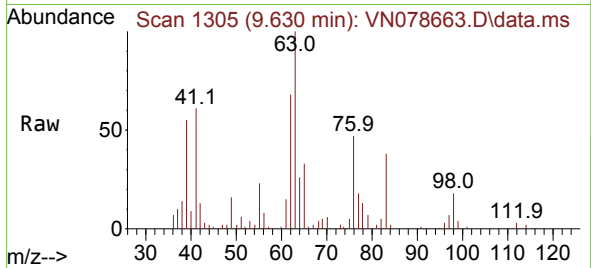




#45
1,2-Dichloropropane
Concen: 19.611 ug/l
RT: 9.630 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

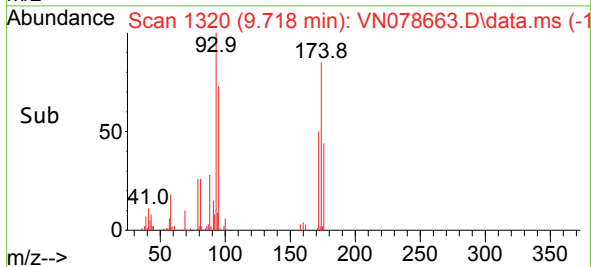
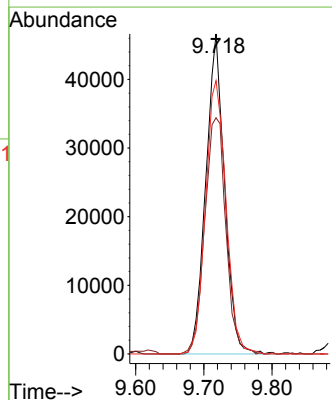
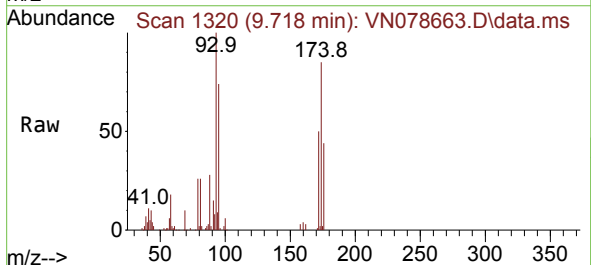
Instrument :
MSVOA_N
ClientSampleId :

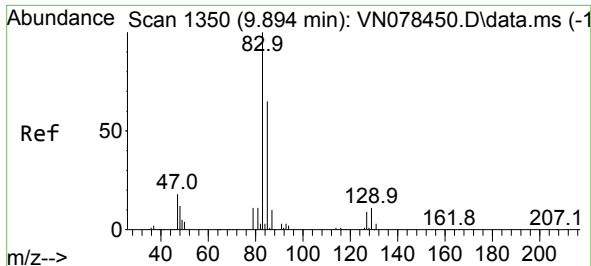
Tgt Ion: 63 Resp: 121475
Ion Ratio Lower Upper
63 100
65 33.5 23.9 35.9



#46
Dibromomethane
Concen: 20.409 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion: 93 Resp: 88976
Ion Ratio Lower Upper
93 100
95 83.4 63.8 95.8
174 93.5 65.6 98.4

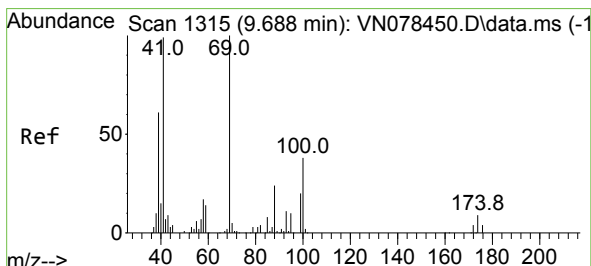
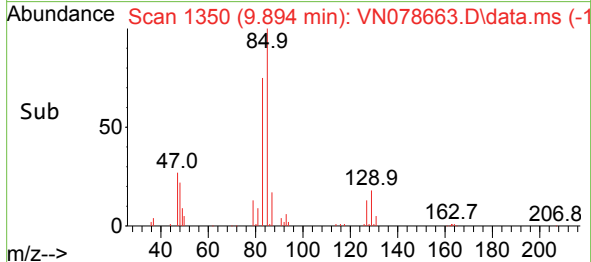
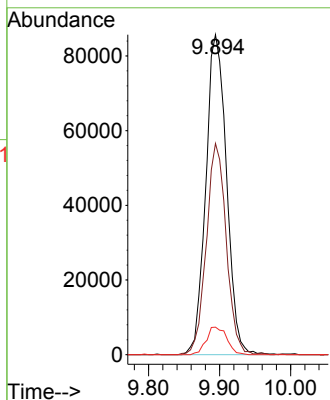
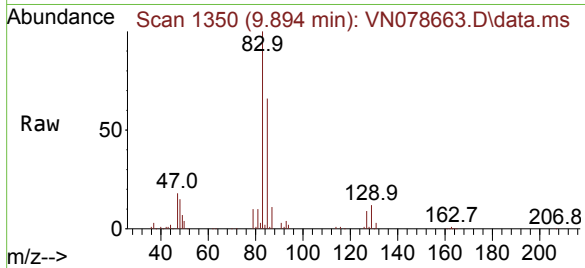




#47
Bromodichloromethane
Concen: 19.859 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

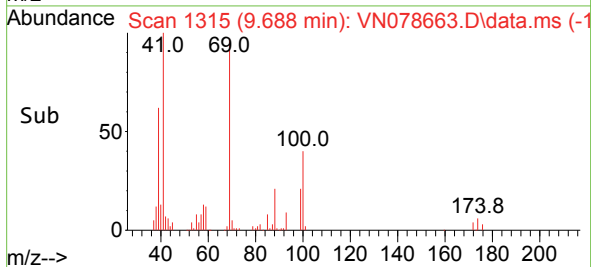
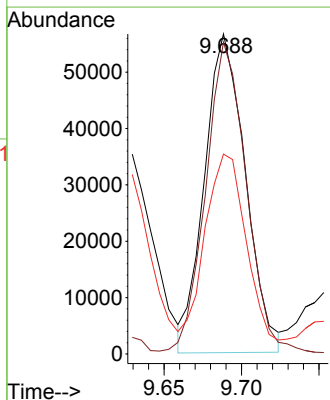
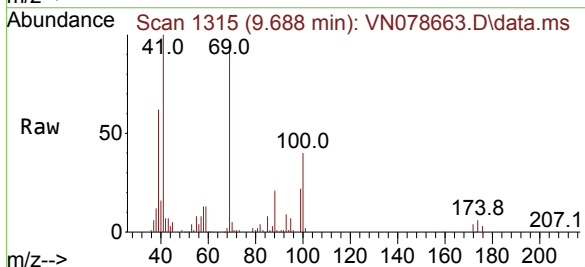
Instrument :
MSVOA_N
ClientSampleId :

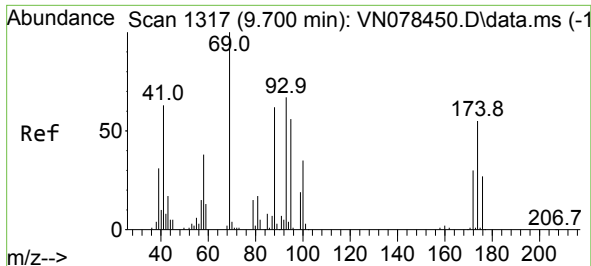
Tgt Ion: 83 Resp: 173552
Ion Ratio Lower Upper
83 100
85 66.0 49.6 74.4
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 19.772 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

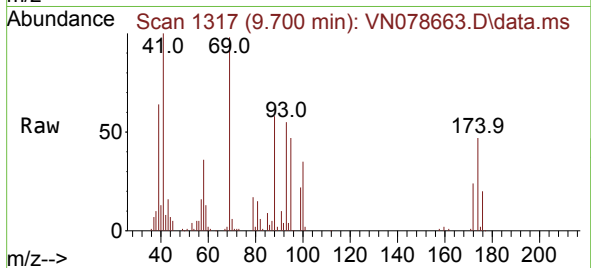
Tgt Ion: 41 Resp: 103783
Ion Ratio Lower Upper
41 100
69 96.8 90.4 135.6
39 65.3 54.6 81.8



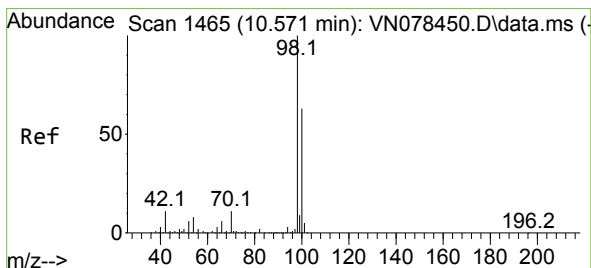
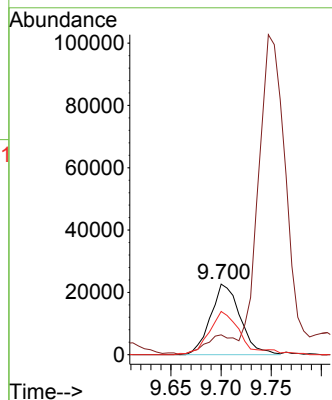
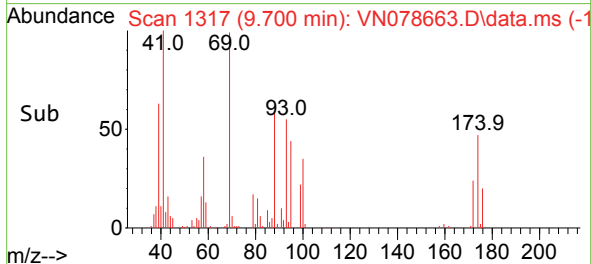


#49
1,4-Dioxane
Concen: 406.935 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :

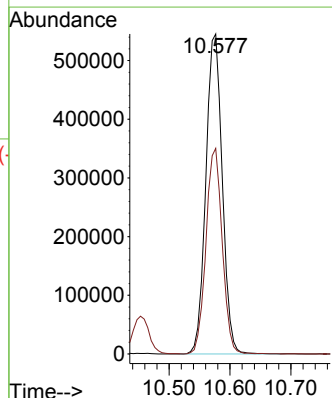
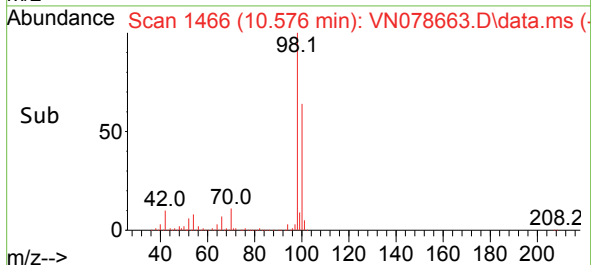
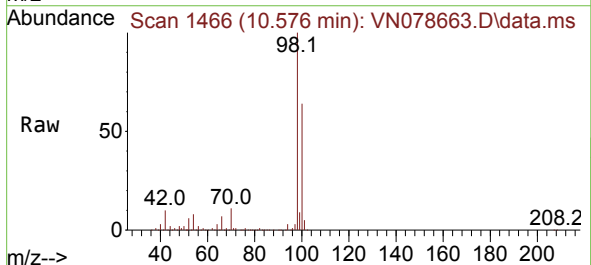


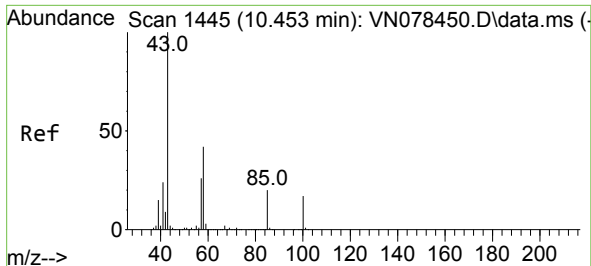
Tgt Ion: 88 Resp: 46582
Ion Ratio Lower Upper
88 100
43 21.3 17.0 25.6
58 65.7 47.0 70.4



#50
Toluene-d8
Concen: 47.286 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion: 98 Resp: 1021282
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

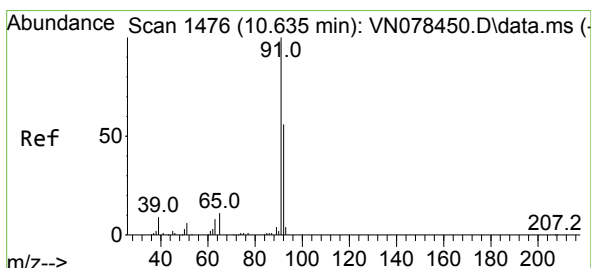
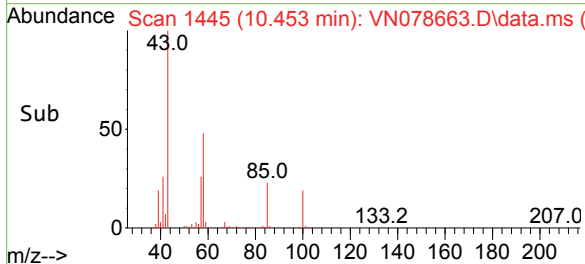
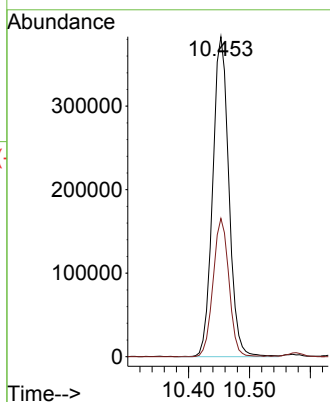
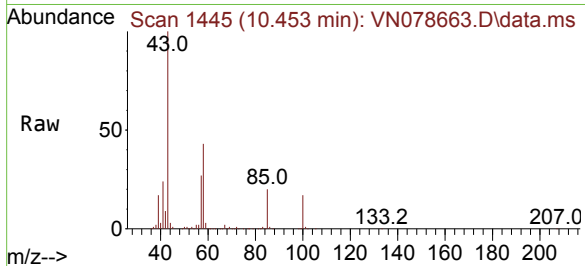




#51
4-Methyl-2-Pentanone
Concen: 104.823 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

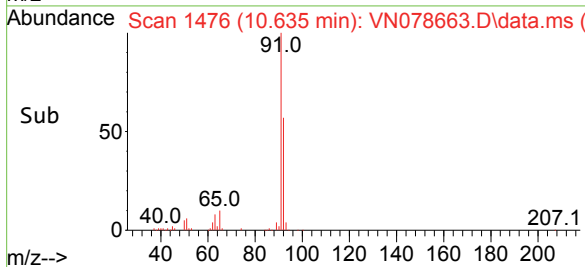
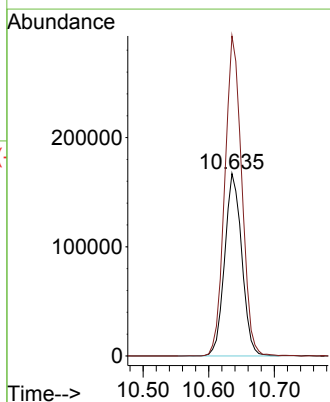
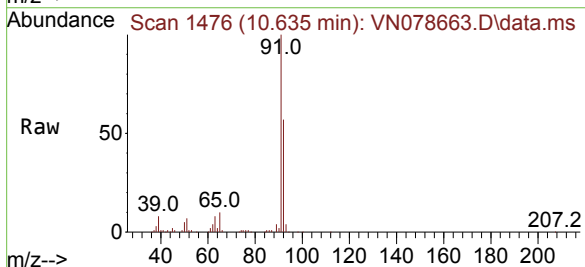
Instrument :
MSVOA_N
ClientSampleId :

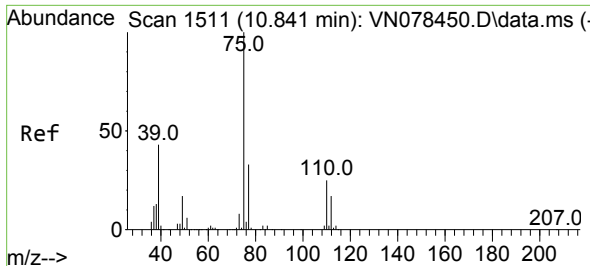
Tgt Ion: 43 Resp: 706415
Ion Ratio Lower Upper
43 100
58 42.2 36.6 54.8



#52
Toluene
Concen: 19.946 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion: 92 Resp: 302341
Ion Ratio Lower Upper
92 100
91 174.4 137.4 206.0

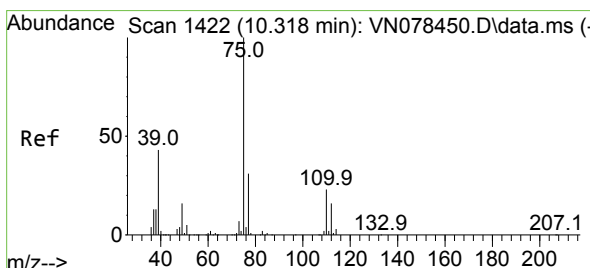
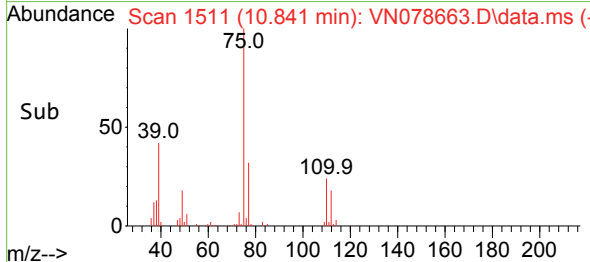
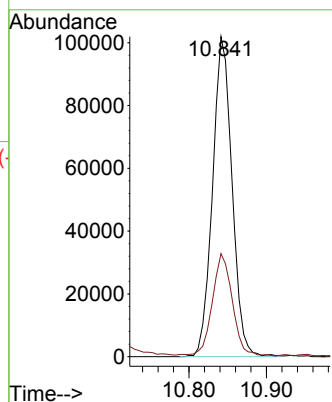
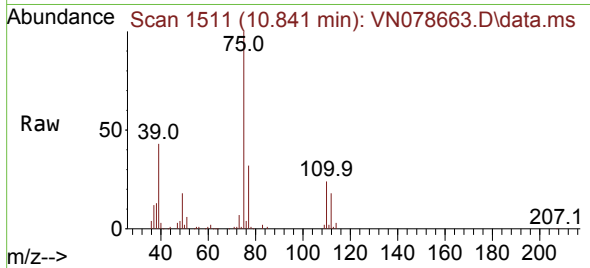




#53
 t-1,3-Dichloropropene
 Concen: 19.971 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

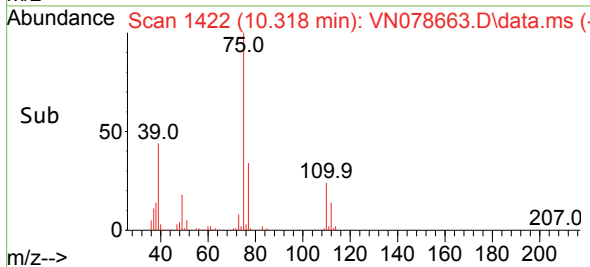
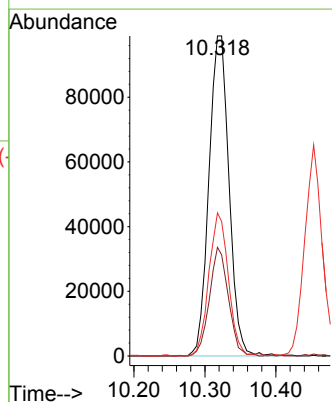
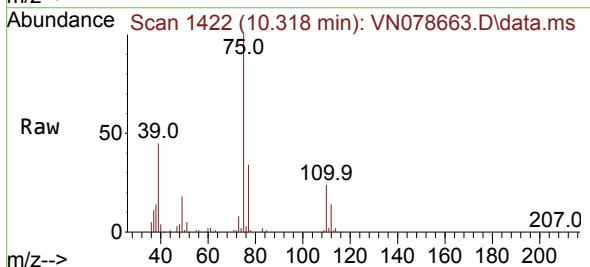
Instrument :
 MSVOA_N
 ClientSampleId :

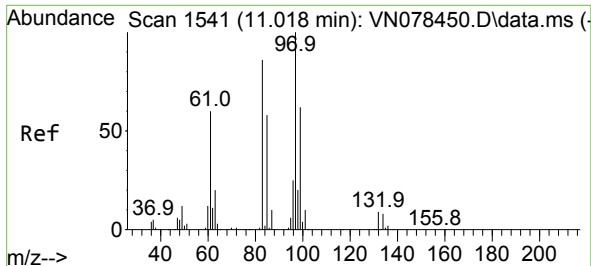
Tgt Ion: 75 Resp: 178801
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.403 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

Tgt Ion: 75 Resp: 194720
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.1 39.1
 39 44.7 31.6 47.4

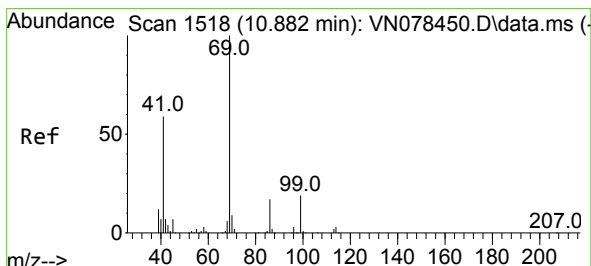
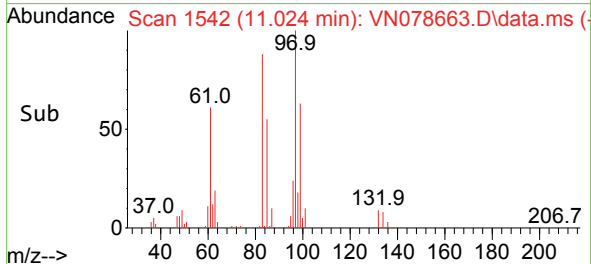
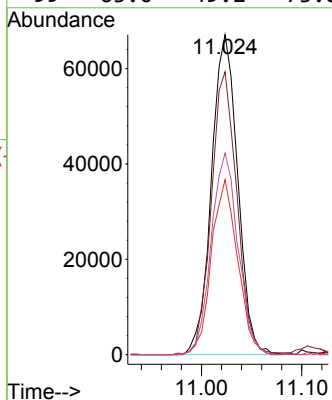
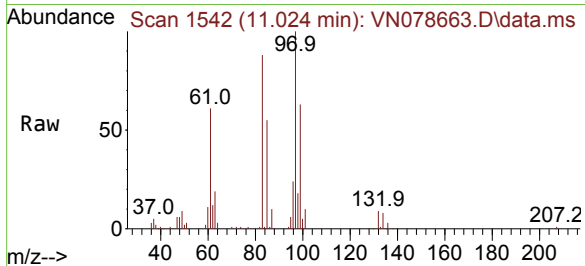




#55
1,1,2-Trichloroethane
Concen: 20.347 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

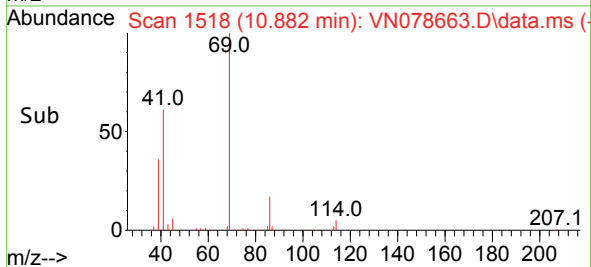
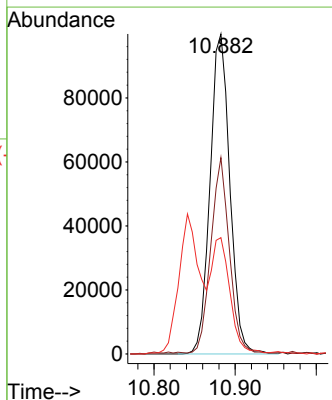
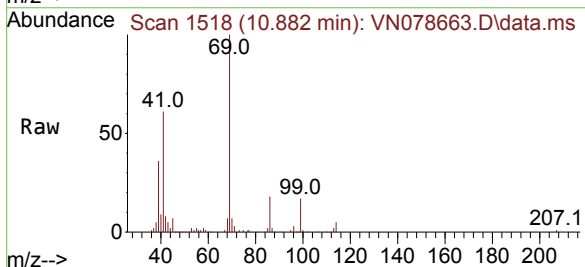
Instrument :
MSVOA_N
ClientSampleId :

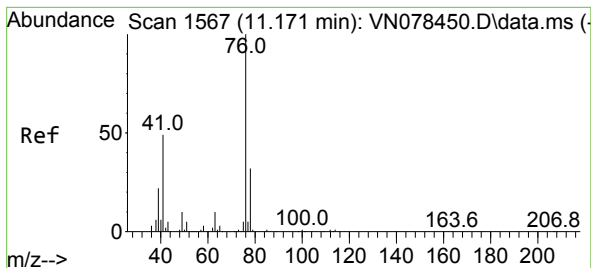
Tgt Ion:	97	Resp:	121512
Ion	Ratio	Lower	Upper
97	100		
83	87.9	65.1	97.7
85	54.7	43.4	65.2
99	63.0	49.2	73.8



#56
Ethyl methacrylate
Concen: 20.269 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion:	69	Resp:	169211
Ion	Ratio	Lower	Upper
69	100		
41	56.9	39.6	59.4
39	33.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.381 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078663.D

Acq: 27 Jul 2023 16:31

Instrument :

MSVOA_N

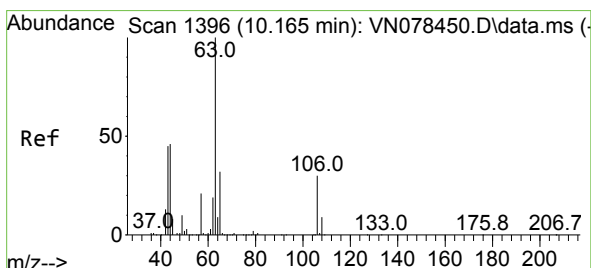
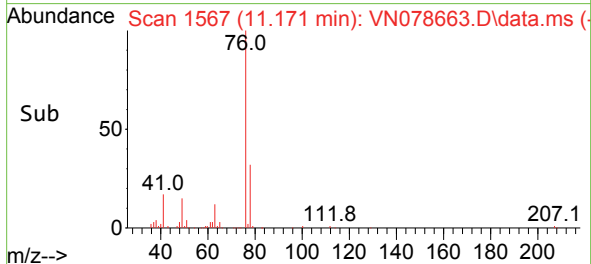
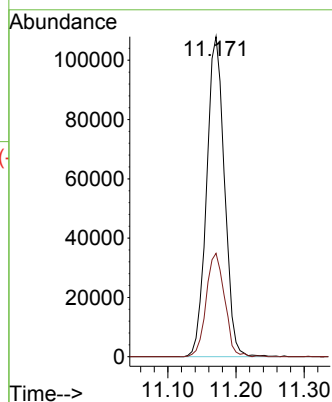
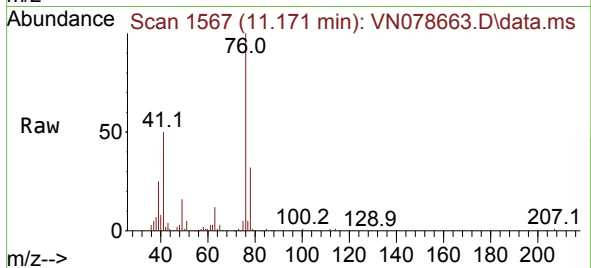
ClientSampleId :

Tgt Ion: 76 Resp: 196798

Ion Ratio Lower Upper

76 100

78 33.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 88.596 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN078663.D

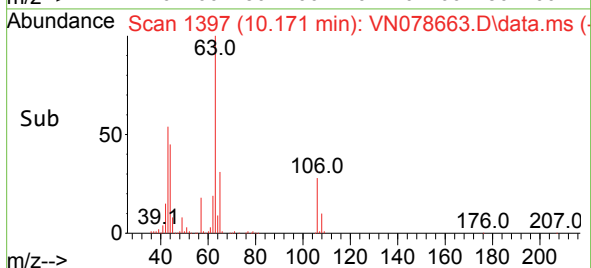
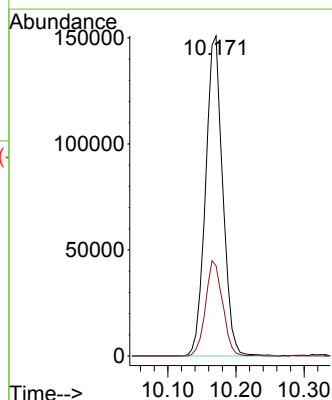
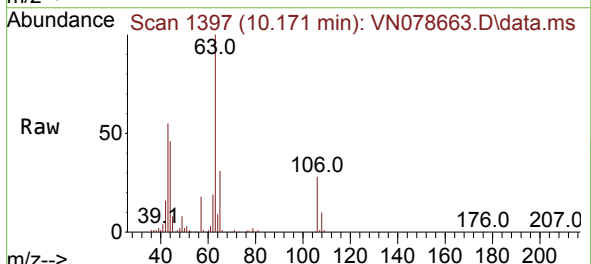
Acq: 27 Jul 2023 16:31

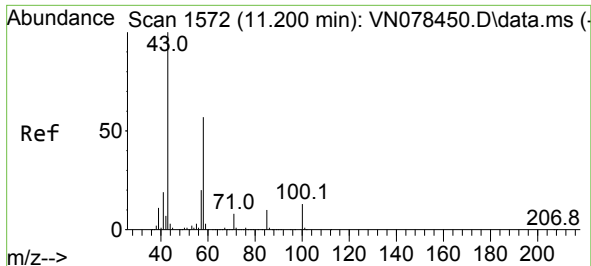
Tgt Ion: 63 Resp: 263582

Ion Ratio Lower Upper

63 100

106 29.6 26.2 39.4





#59

2-Hexanone

Concen: 104.809 ug/l

RT: 11.206 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN078663.D

Acq: 27 Jul 2023 16:31

Instrument :

MSVOA_N

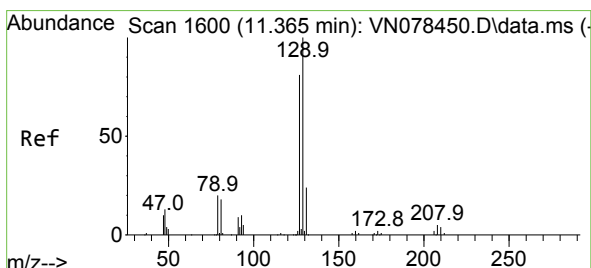
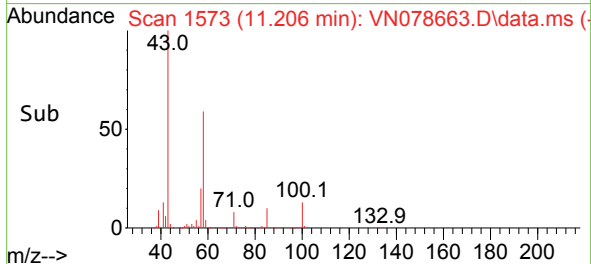
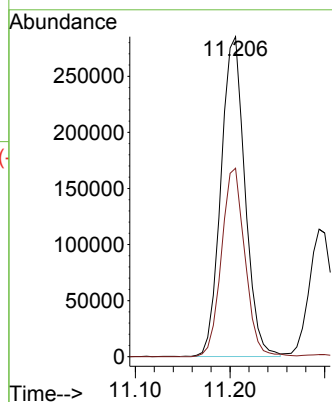
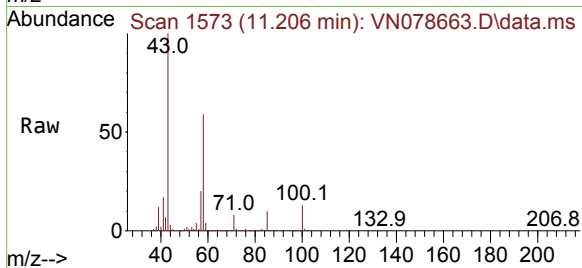
ClientSampleId :

Tgt Ion: 43 Resp: 501989

Ion Ratio Lower Upper

43 100

58 57.8 31.7 95.1



#60

Dibromochloromethane

Concen: 20.996 ug/l

RT: 11.365 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VN078663.D

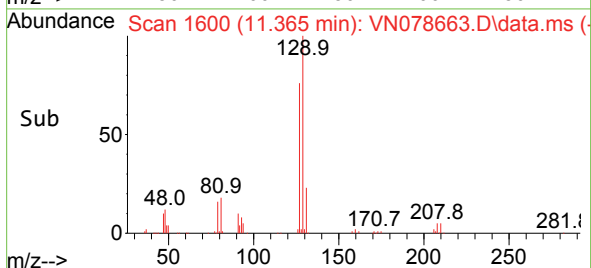
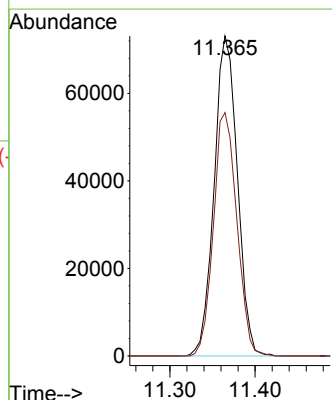
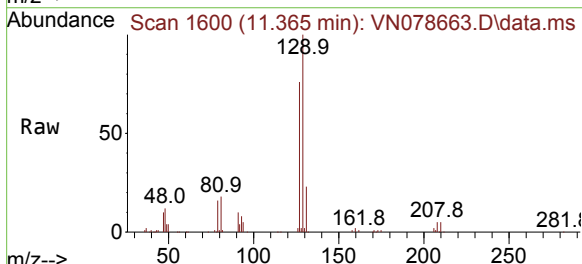
Acq: 27 Jul 2023 16:31

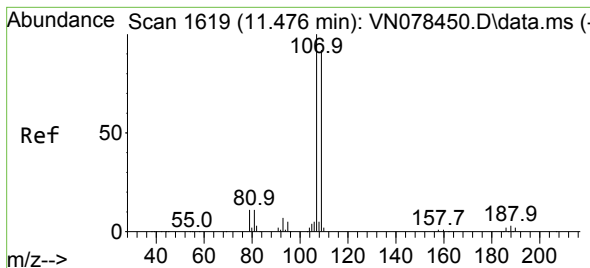
Tgt Ion: 129 Resp: 138429

Ion Ratio Lower Upper

129 100

127 76.7 38.6 116.0

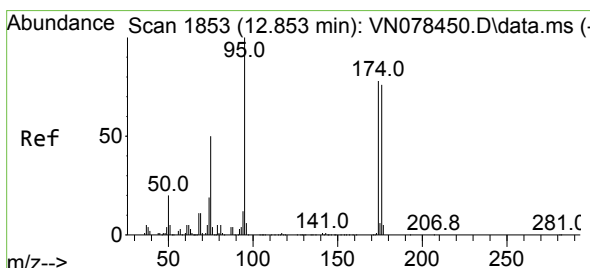
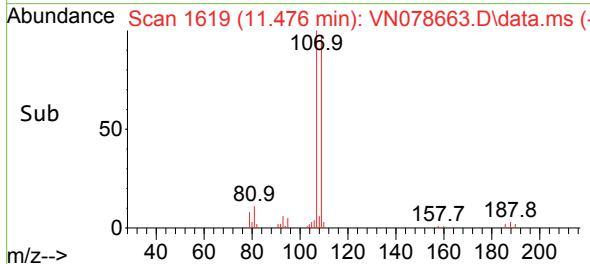
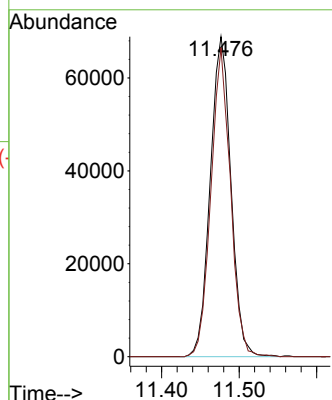
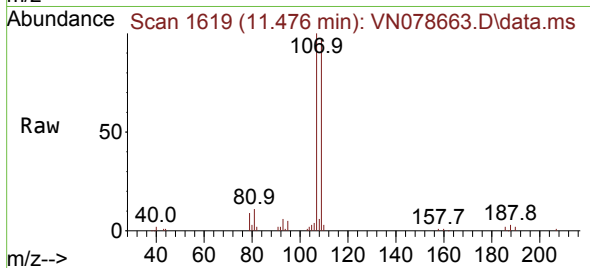




#61
1,2-Dibromoethane
Concen: 20.776 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

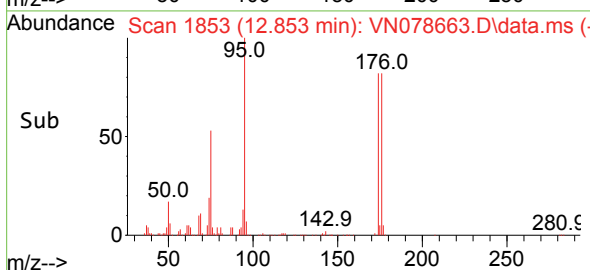
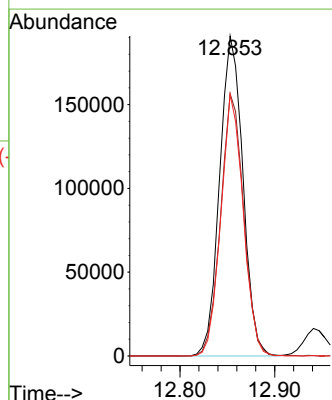
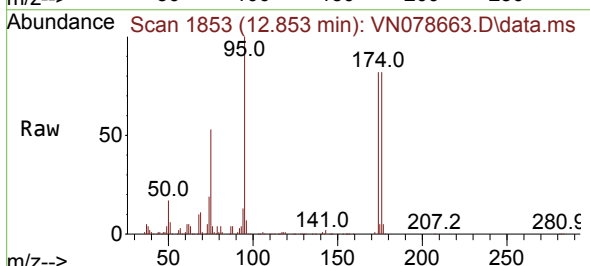
Instrument :
MSVOA_N
ClientSampleId :

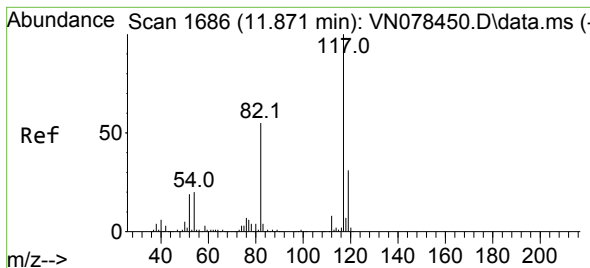
Tgt Ion:107 Resp: 127812
Ion Ratio Lower Upper
107 100
109 90.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 49.006 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion: 95 Resp: 326023
Ion Ratio Lower Upper
95 100
174 81.3 0.0 143.8
176 78.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

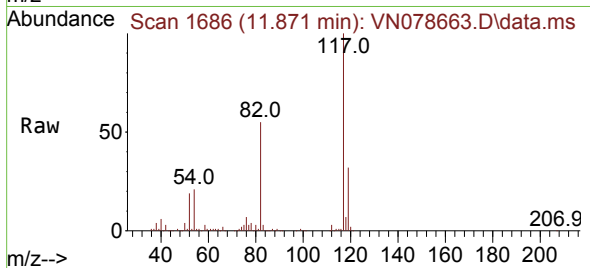
Lab File: VN078663.D

Acq: 27 Jul 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :



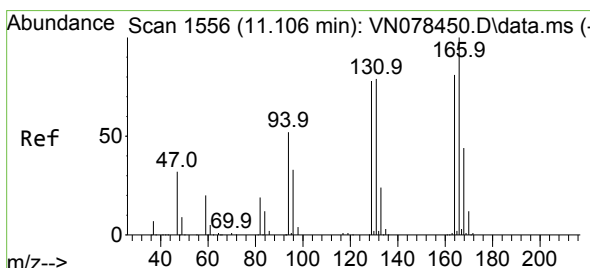
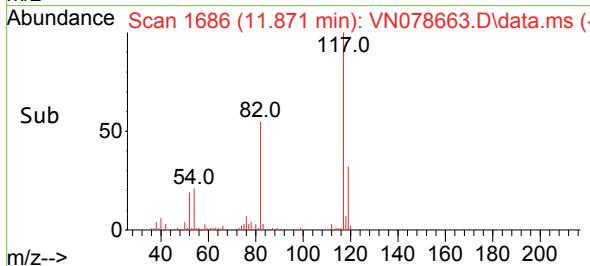
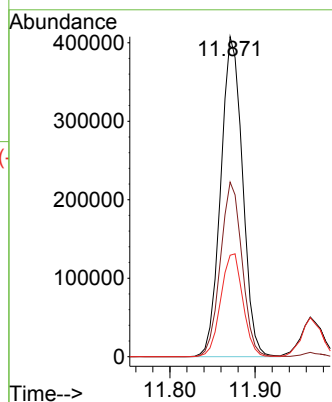
Tgt Ion:117 Resp: 724092

Ion Ratio Lower Upper

117 100

82 54.6 44.0 66.0

119 31.7 25.6 38.4



#64

Tetrachloroethene

Concen: 19.045 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN078663.D

Acq: 27 Jul 2023 16:31

Tgt Ion:164 Resp: 103680

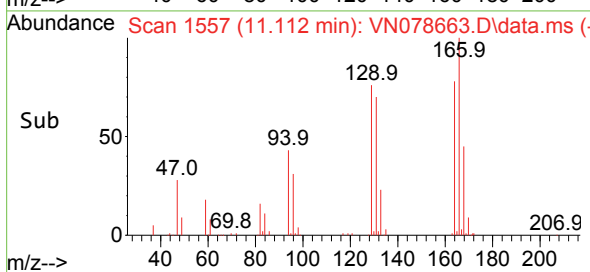
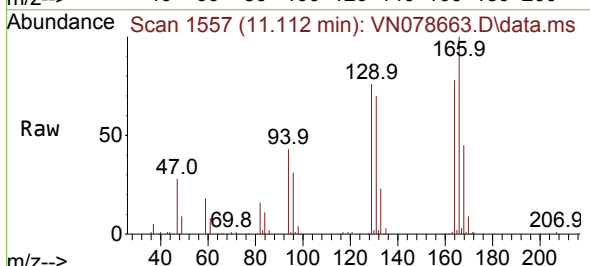
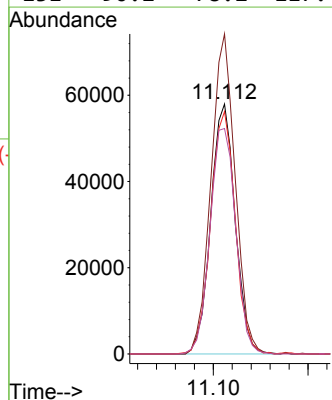
Ion Ratio Lower Upper

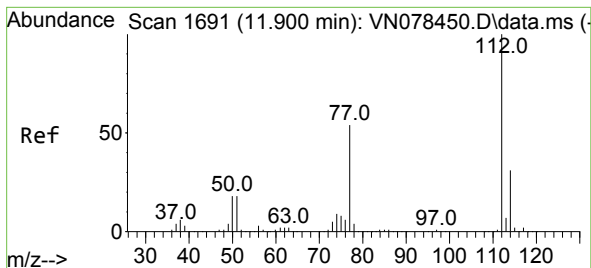
164 100

166 128.1 101.4 152.0

129 96.7 82.4 123.6

131 90.2 78.2 117.4

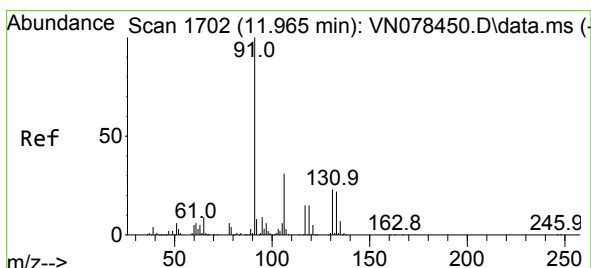
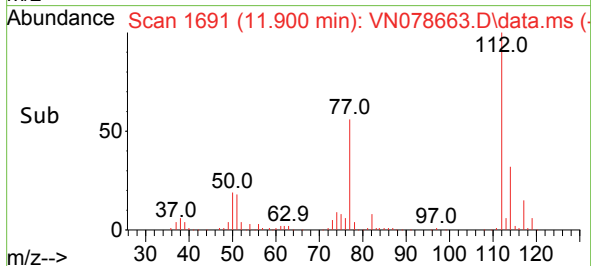
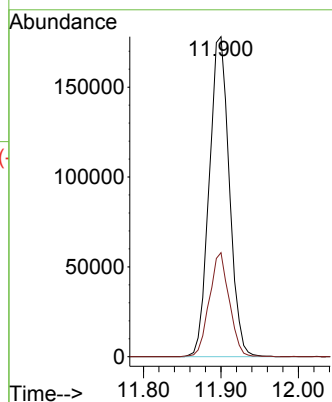
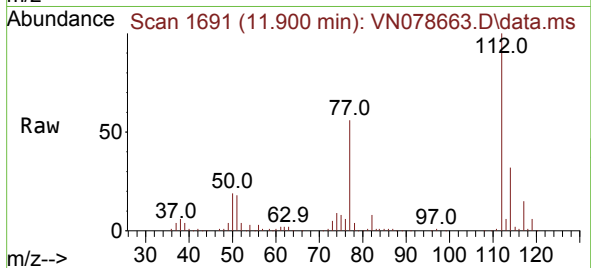




#65
Chlorobenzene
Concen: 19.802 ug/l
RT: 11.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

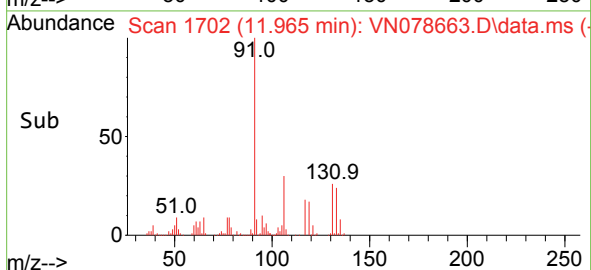
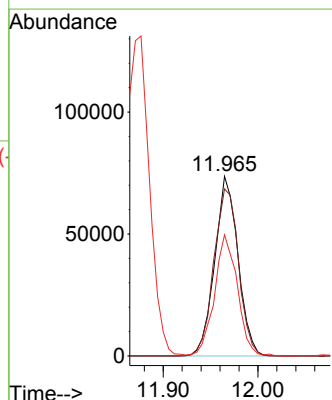
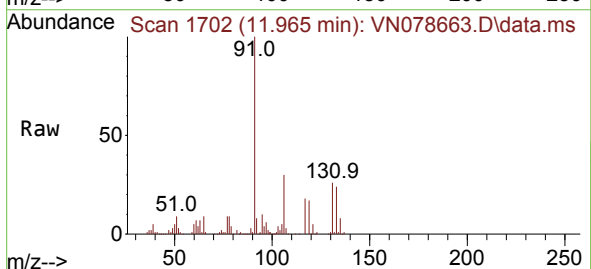
Instrument :
MSVOA_N
ClientSampleId :

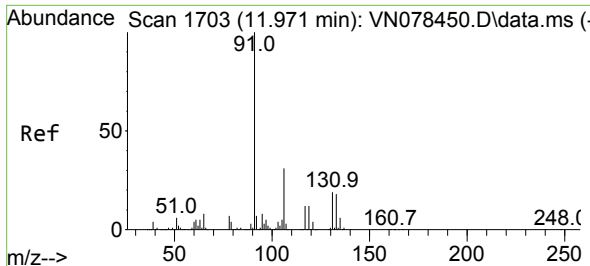
Tgt Ion:112 Resp: 320502
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.165 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion:131 Resp: 125557
Ion Ratio Lower Upper
131 100
133 98.6 46.4 139.1
119 66.5 34.1 102.2

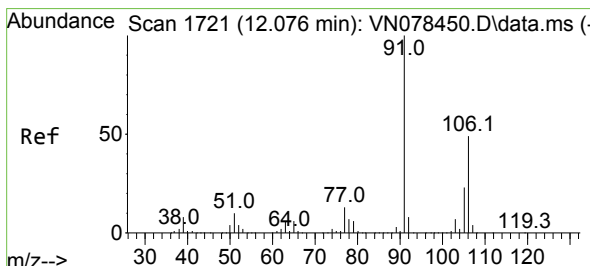
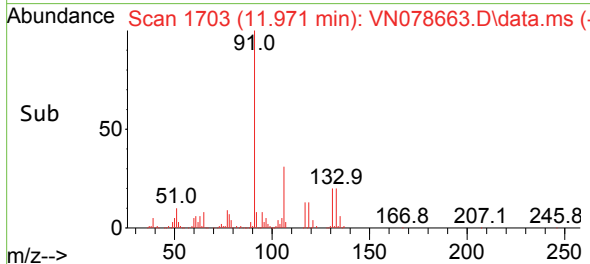
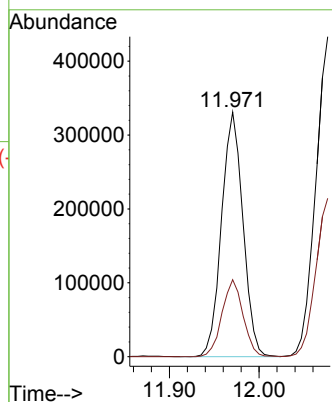
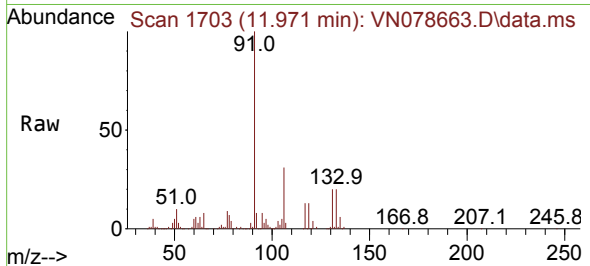




#67
Ethyl Benzene
Concen: 20.052 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

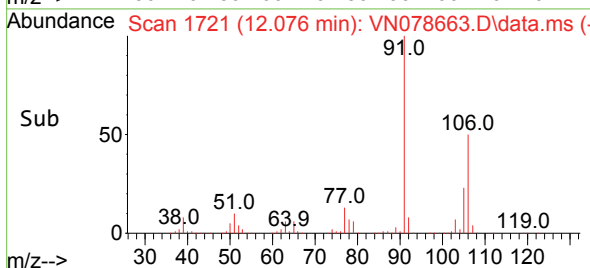
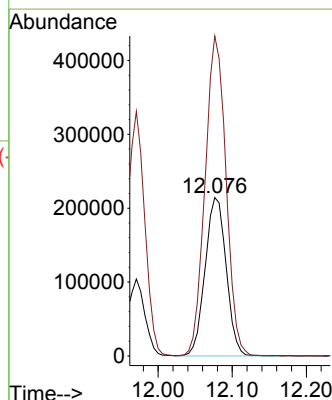
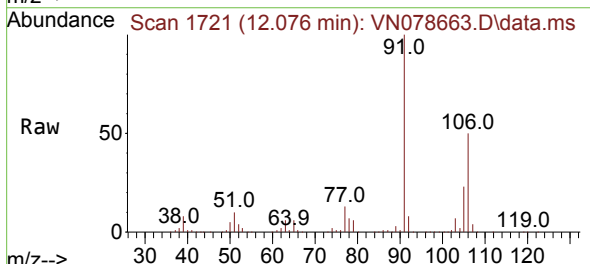
Instrument :
MSVOA_N
ClientSampleId :

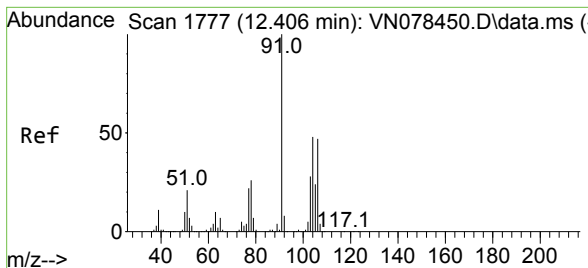
Tgt Ion: 91 Resp: 548587
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4



#68
m/p-Xylenes
Concen: 41.895 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion:106 Resp: 423779
Ion Ratio Lower Upper
106 100
91 200.8 159.6 239.4

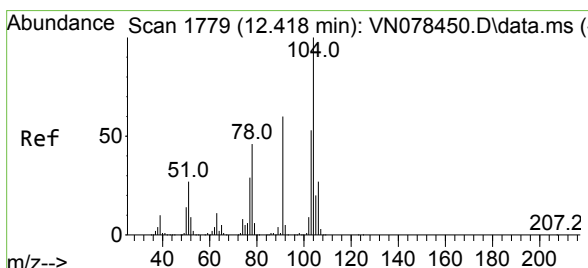
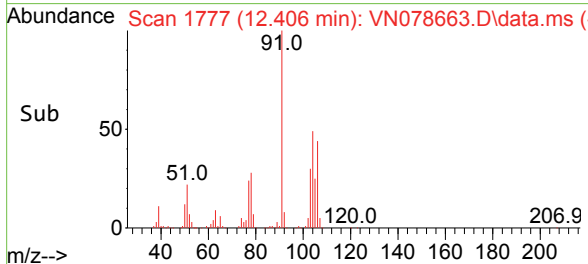
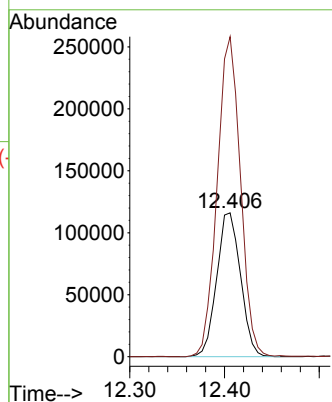
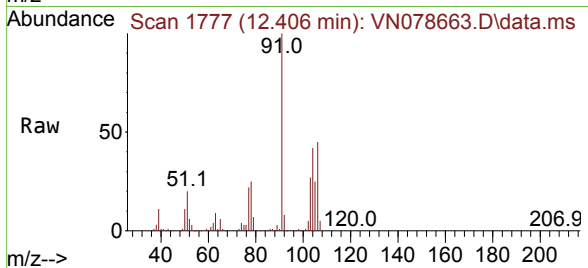




#69
o-Xylene
Concen: 19.835 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

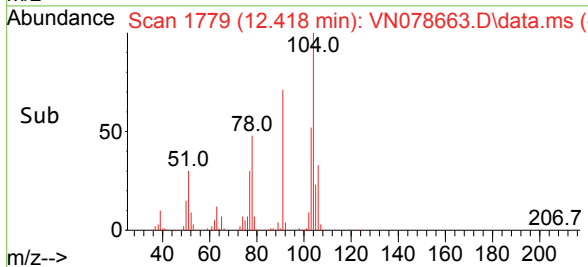
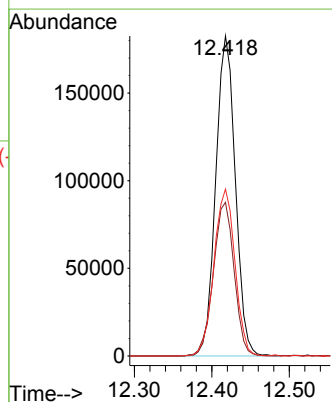
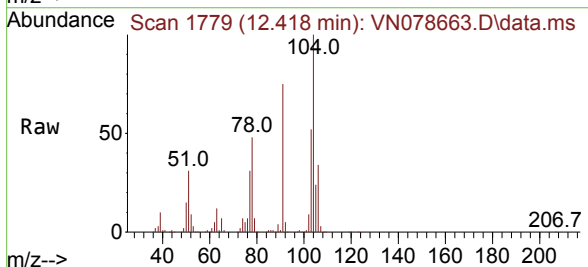
Instrument :
MSVOA_N
ClientSampleId :

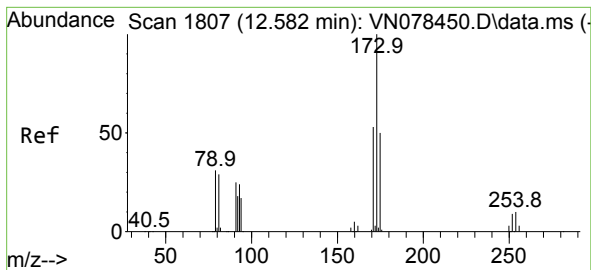
Tgt Ion:106 Resp: 202648
Ion Ratio Lower Upper
106 100
91 217.9 105.2 315.5



#70
Styrene
Concen: 20.108 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion:104 Resp: 321406
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 55.9 43.2 64.8





#71

Bromoform

Concen: 20.438 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078663.D

Acq: 27 Jul 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

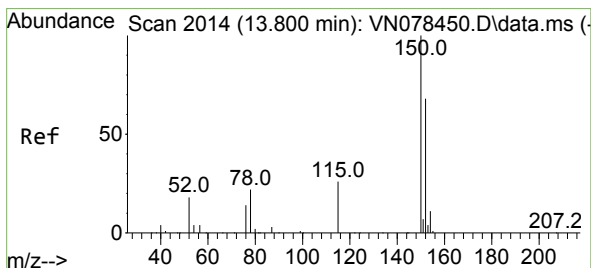
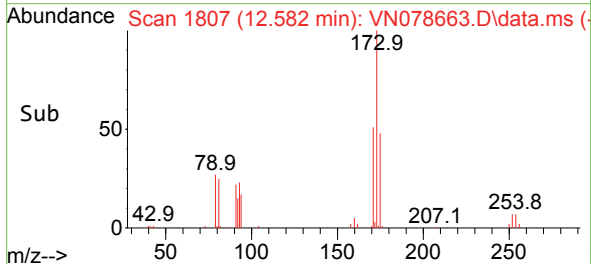
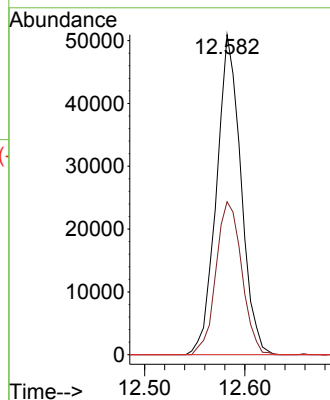
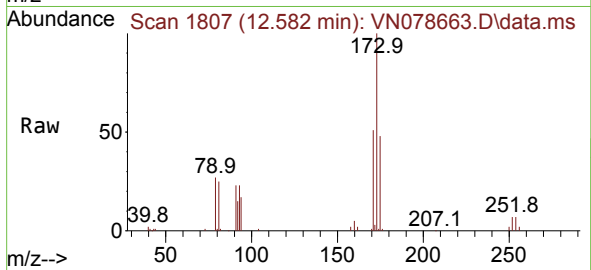
Tgt Ion:173 Resp: 86183

Ion Ratio Lower Upper

173 100

175 50.5 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078663.D

Acq: 27 Jul 2023 16:31

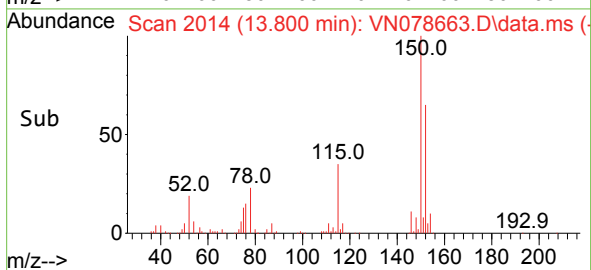
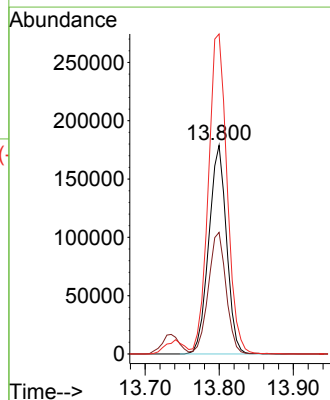
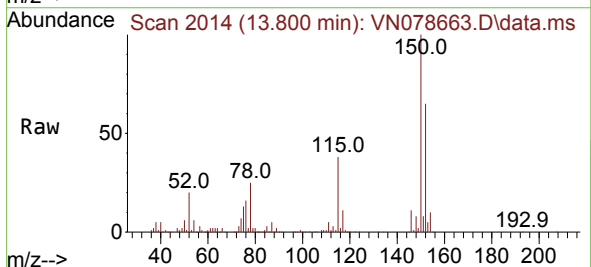
Tgt Ion:152 Resp: 297601

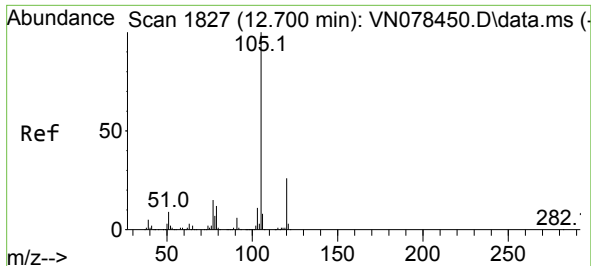
Ion Ratio Lower Upper

152 100

115 58.6 32.3 96.8

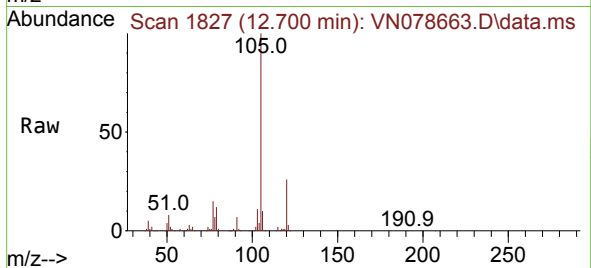
150 161.9 0.0 355.8



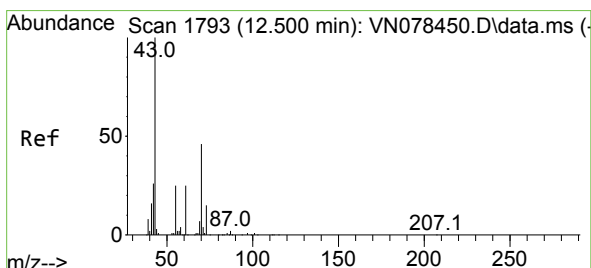
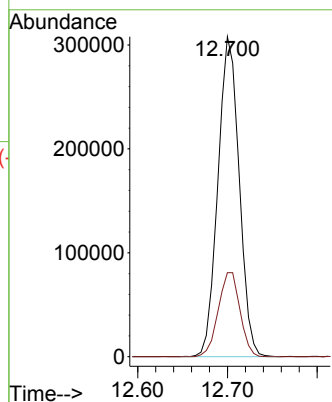
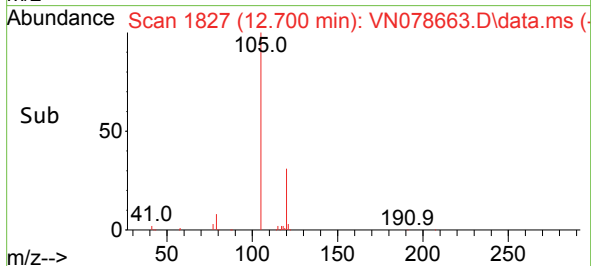


#73
Isopropylbenzene
Concen: 18.113 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

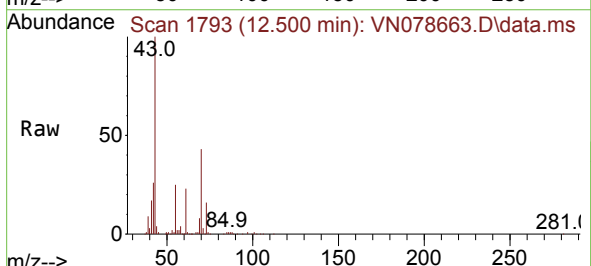
Instrument :
MSVOA_N
ClientSampleId :



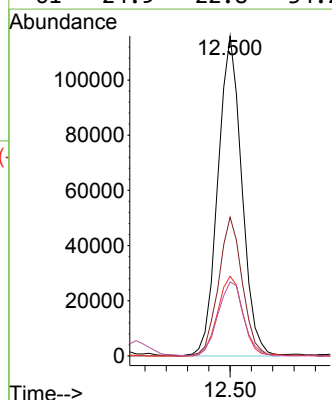
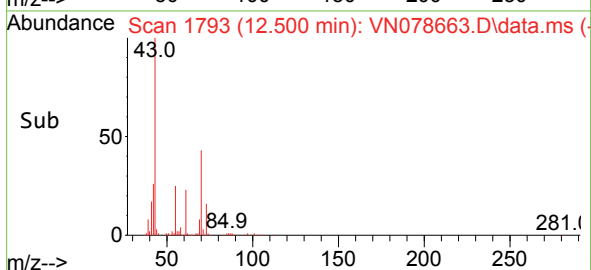
Tgt Ion:105 Resp: 506499
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

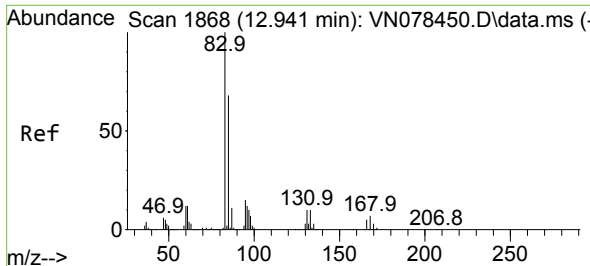


#74
N-ethyl acetate
Concen: 18.751 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31



Tgt Ion: 43 Resp: 180705
Ion Ratio Lower Upper
43 100
70 43.3 43.4 65.2#
55 26.2 21.4 32.0
61 24.9 22.8 34.2

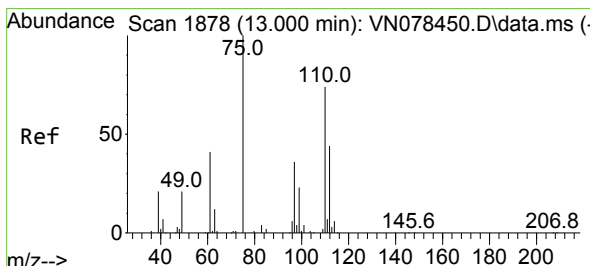
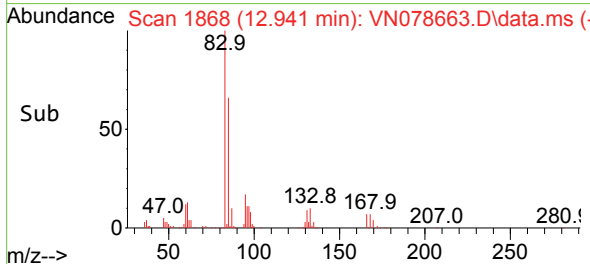
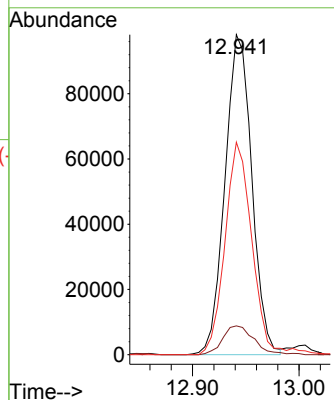
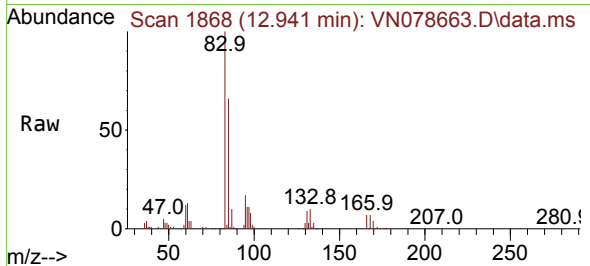




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.189 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

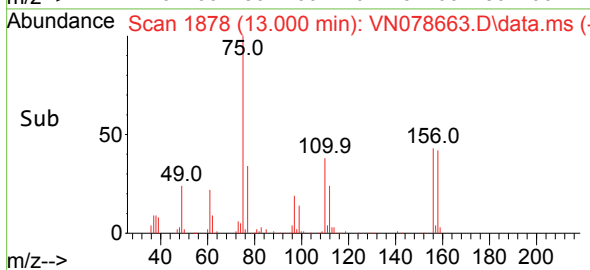
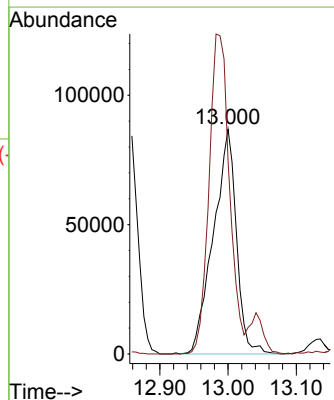
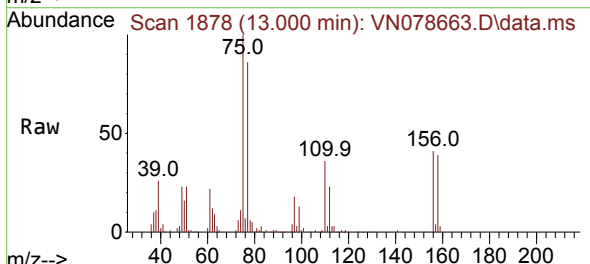
Instrument :
 MSVOA_N
 ClientSampleId :

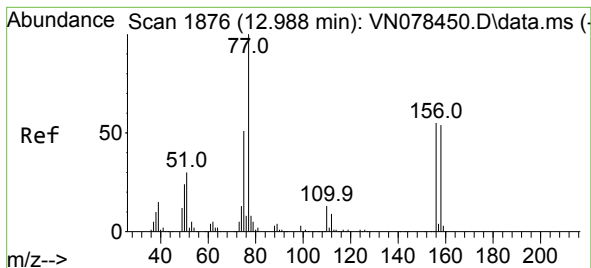
Tgt Ion: 83 Resp: 172106
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 15.0
 85 67.0 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 28.333 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

Tgt Ion: 75 Resp: 203808
 Ion Ratio Lower Upper
 75 100
 77 126.4 84.5 253.5





#77

Bromobenzene

Concen: 19.443 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078663.D

Acq: 27 Jul 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

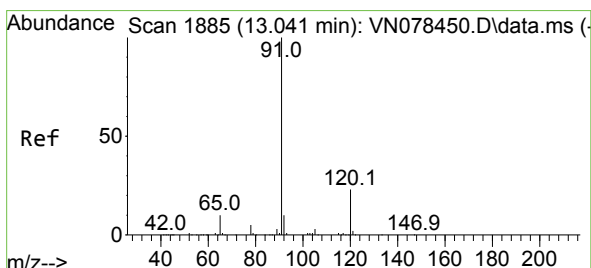
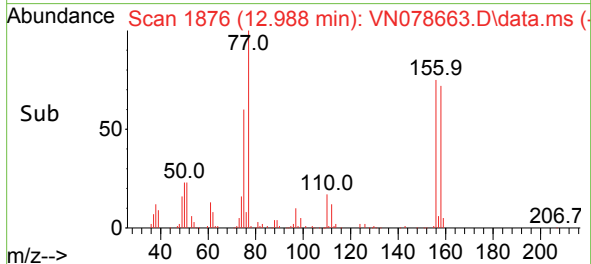
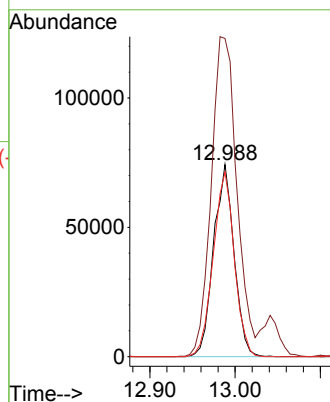
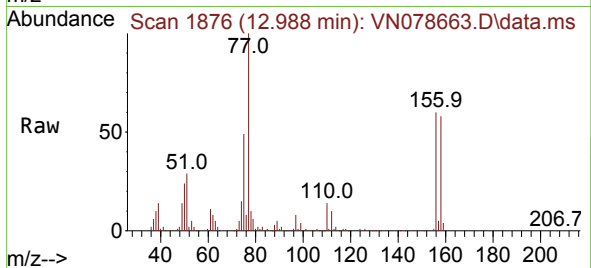
Tgt Ion:156 Resp: 123982

Ion Ratio Lower Upper

156 100

77 207.8 107.7 323.3

158 99.0 48.4 145.3



#78

n-propylbenzene

Concen: 18.569 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078663.D

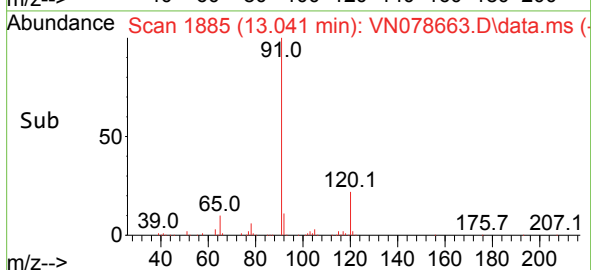
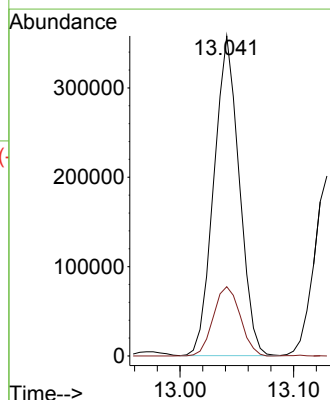
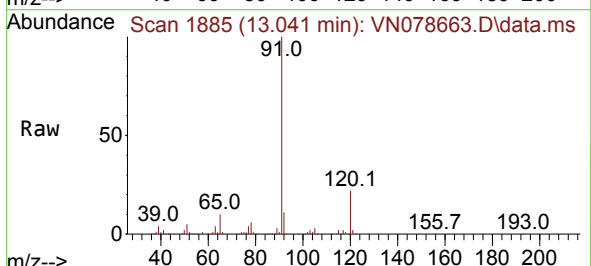
Acq: 27 Jul 2023 16:31

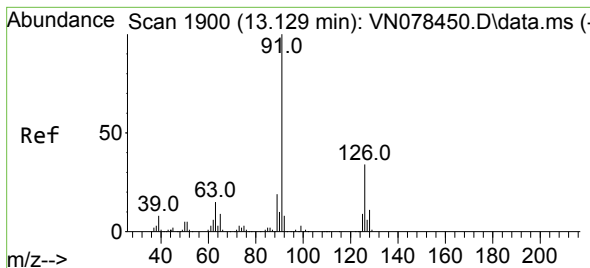
Tgt Ion: 91 Resp: 555308

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 17.671 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078663.D

Acq: 27 Jul 2023 16:31

Instrument :

MSVOA_N

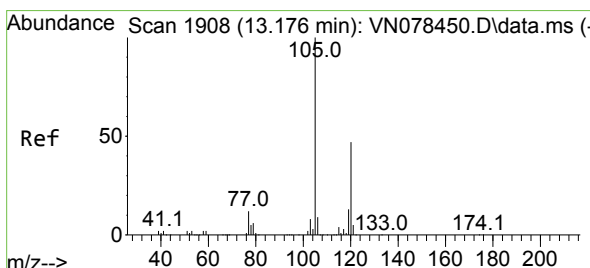
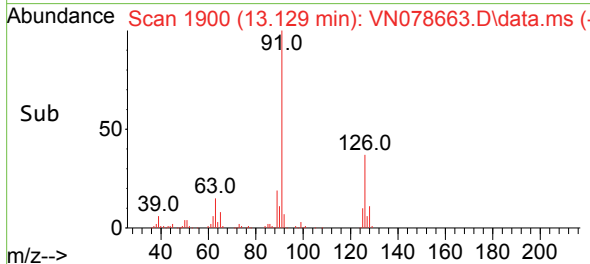
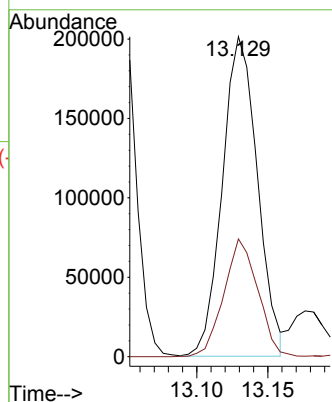
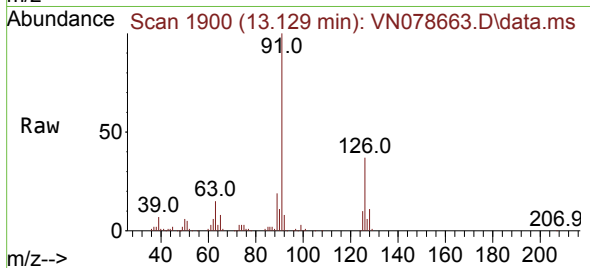
ClientSampleId :

Tgt Ion: 91 Resp: 346150

Ion Ratio Lower Upper

91 100

126 35.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 18.656 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078663.D

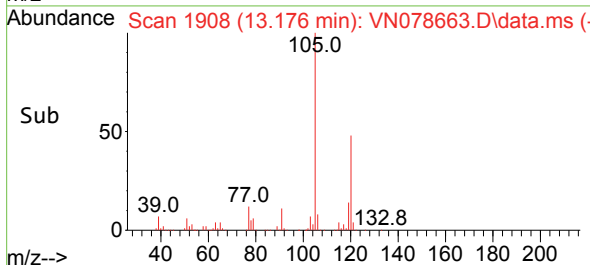
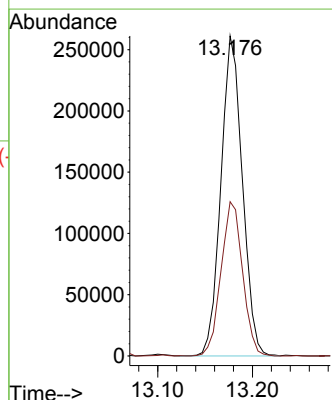
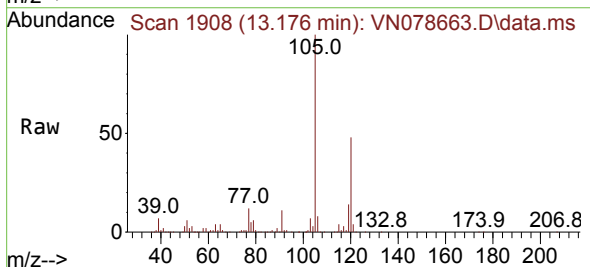
Acq: 27 Jul 2023 16:31

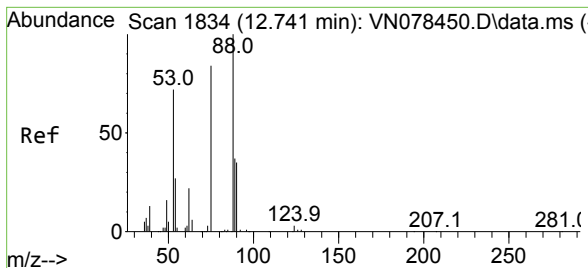
Tgt Ion:105 Resp: 412205

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.3

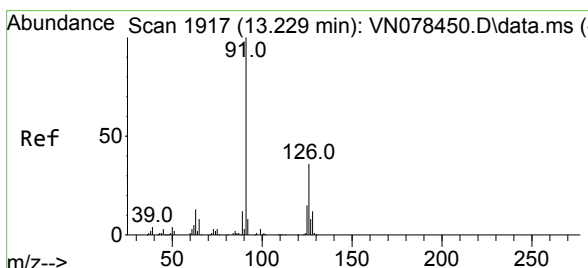
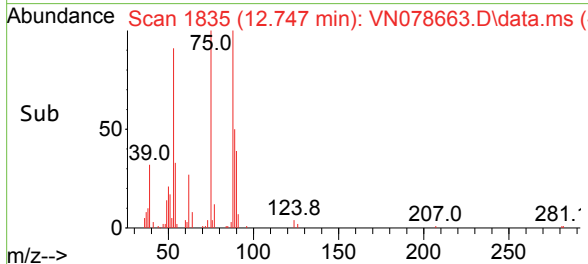
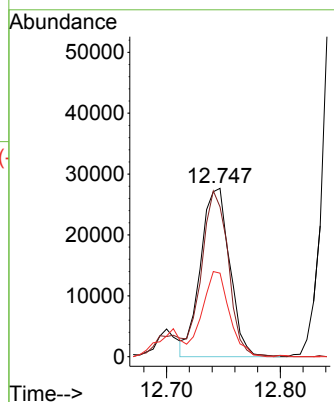
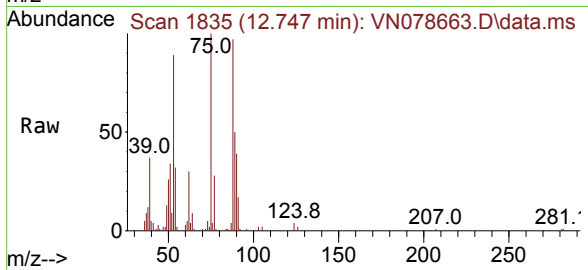




#81
trans-1,4-Dichloro-2-butene
Concen: 18.006 ug/l
RT: 12.747 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

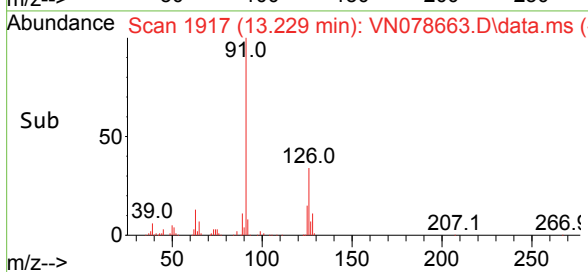
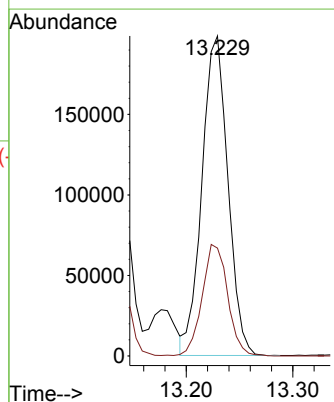
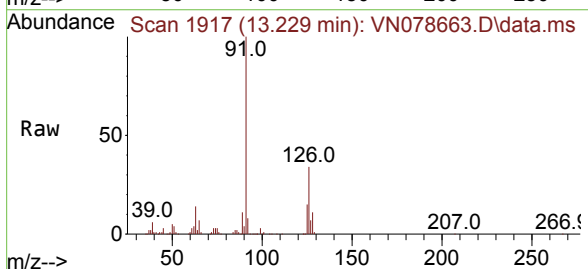
Instrument :
MSVOA_N
ClientSampleId :

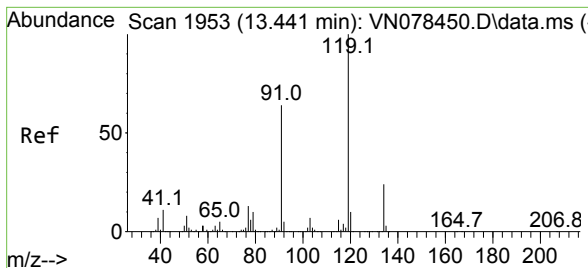
Tgt Ion: 75 Resp: 49289
Ion Ratio Lower Upper
75 100
53 89.1 67.4 101.2
89 46.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.413 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion: 91 Resp: 336482
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0

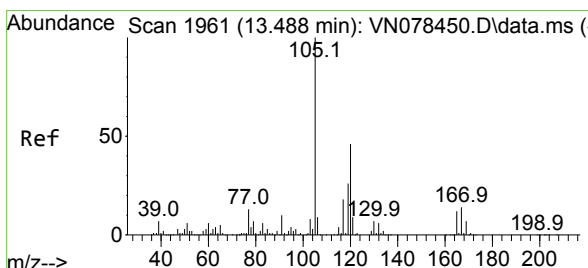
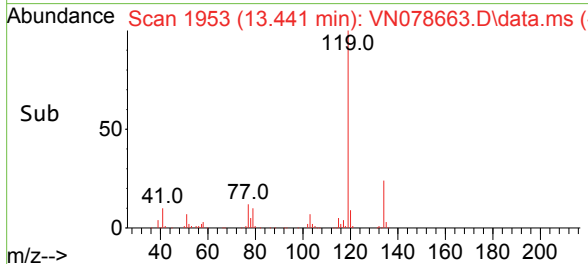
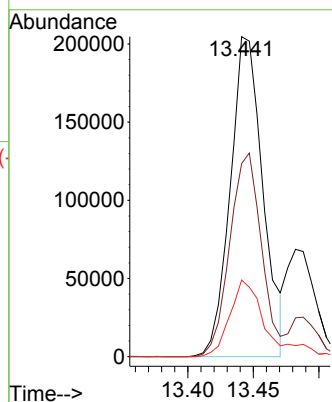
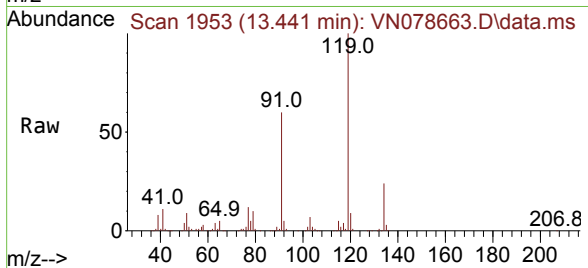




#83
 tert-Butylbenzene
 Concen: 18.908 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

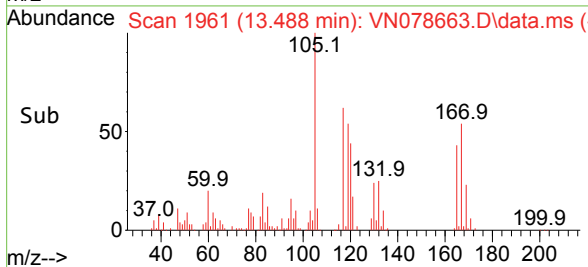
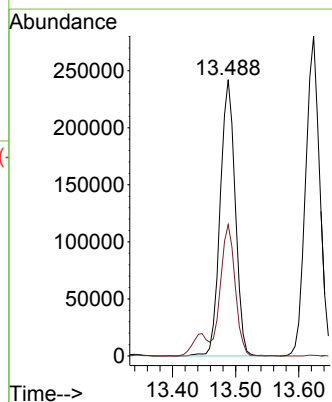
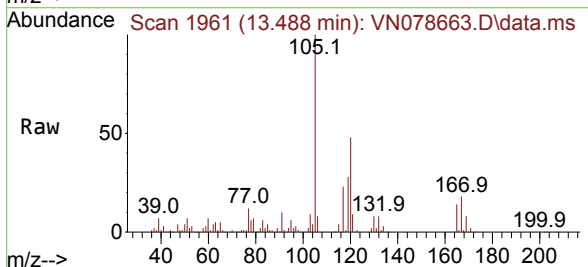
Instrument :
 MSVOA_N
 ClientSampleId :

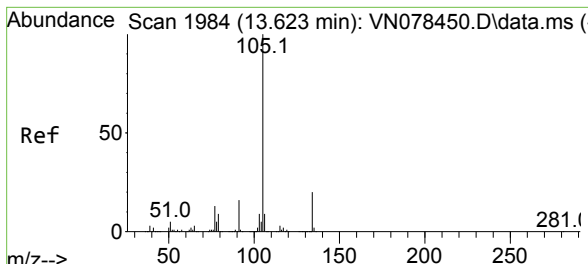
Tgt Ion:119 Resp: 354691
 Ion Ratio Lower Upper
 119 100
 91 61.7 33.9 101.7
 134 26.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.585 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

Tgt Ion:105 Resp: 398859
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.0 66.0

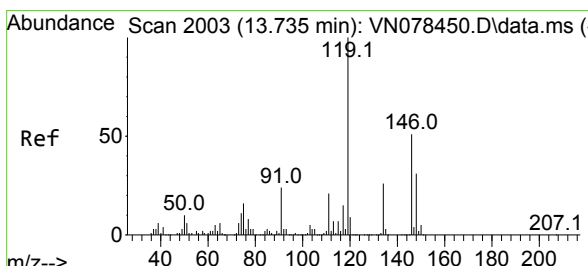
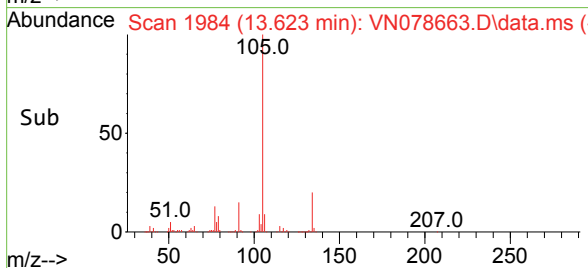
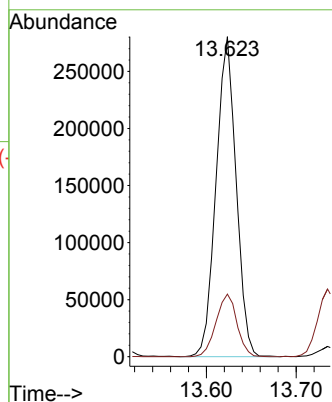
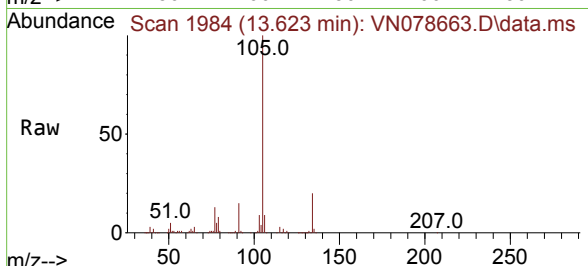




#85
 sec-Butylbenzene
 Concen: 18.362 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

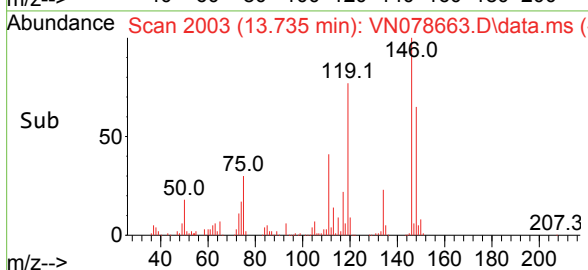
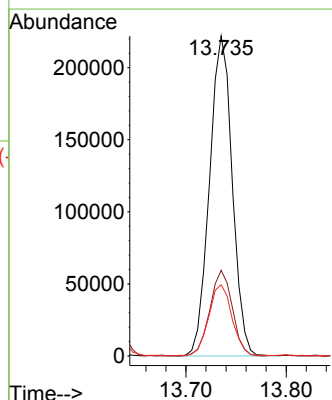
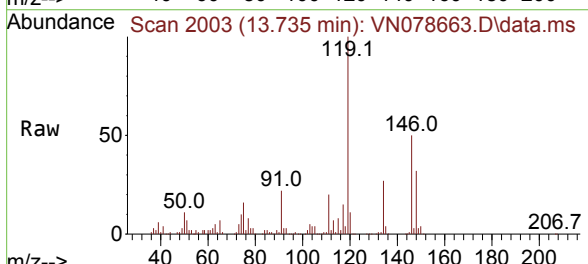
Instrument :
 MSVOA_N
 ClientSampleId :

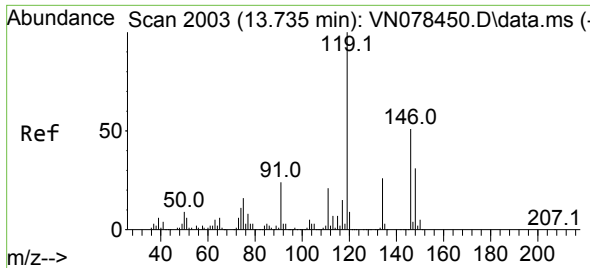
Tgt Ion:105 Resp: 435372
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.405 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

Tgt Ion:119 Resp: 350407
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.6 37.8
 91 22.7 12.4 37.2

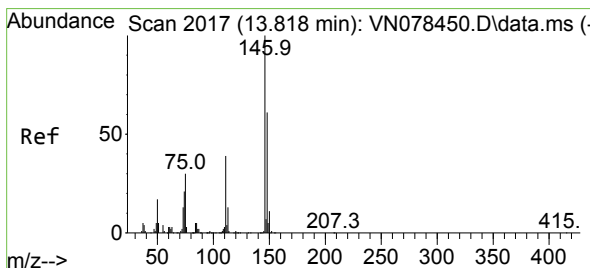
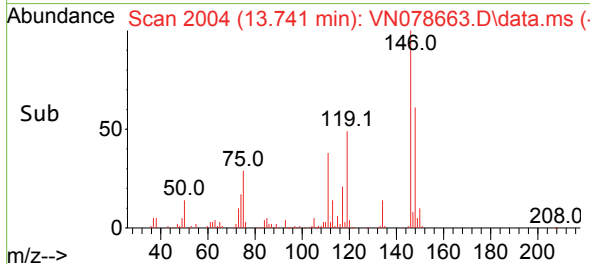
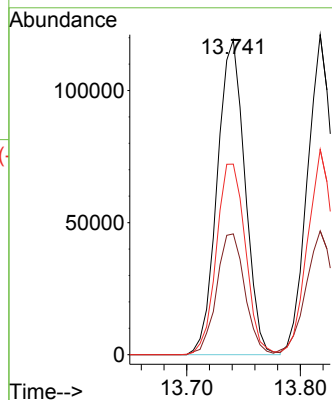
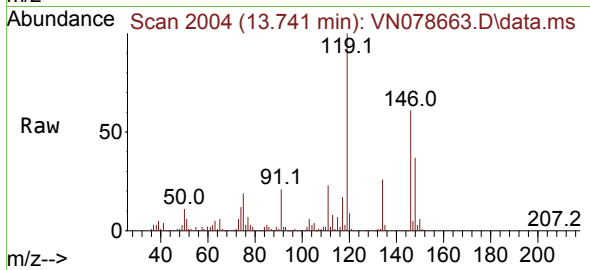




#87
1,3-Dichlorobenzene
Concen: 18.827 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

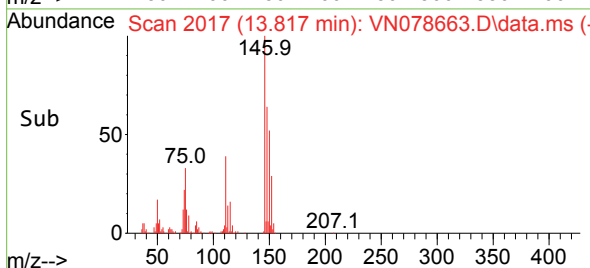
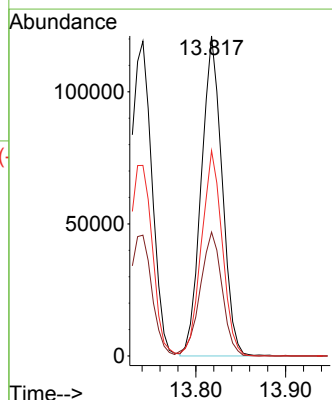
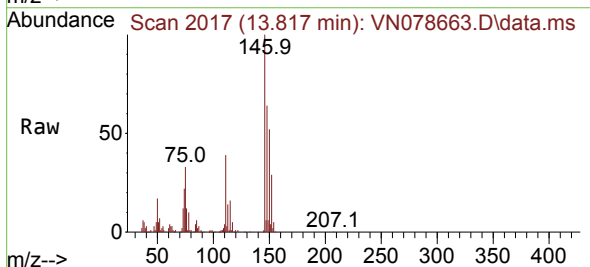
Instrument :
MSVOA_N
ClientSampleId :

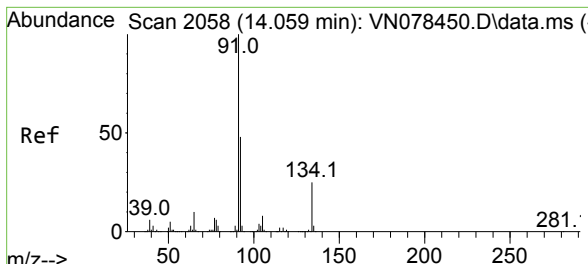
Tgt Ion:146 Resp: 202109
Ion Ratio Lower Upper
146 100
111 39.1 22.1 66.3
148 63.5 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 18.058 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

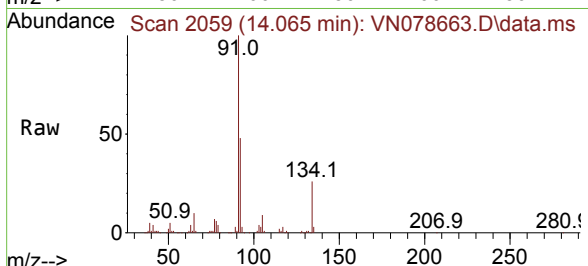
Tgt Ion:146 Resp: 195264
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 64.0 31.6 94.8



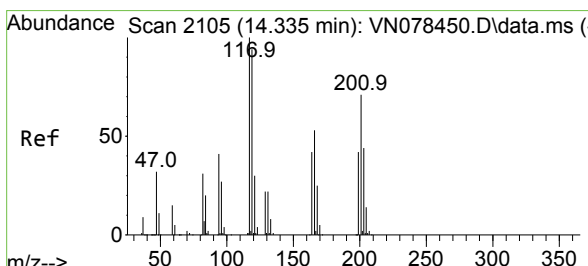
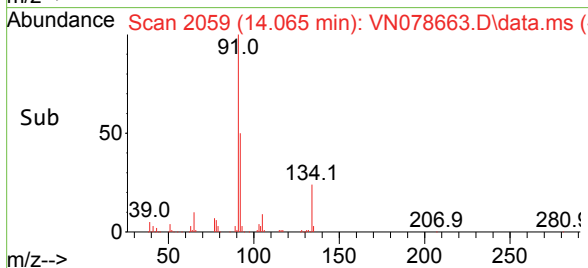
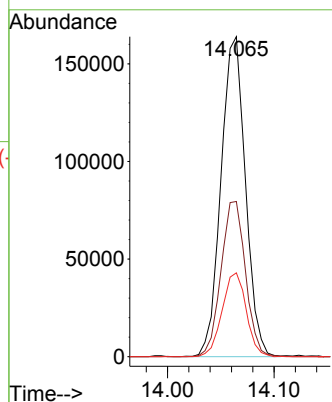


#89
 n-Butylbenzene
 Concen: 19.187 ug/l
 RT: 14.065 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

Instrument :
 MSVOA_N
 ClientSampleId :

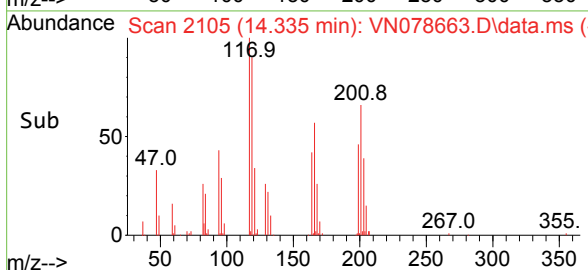
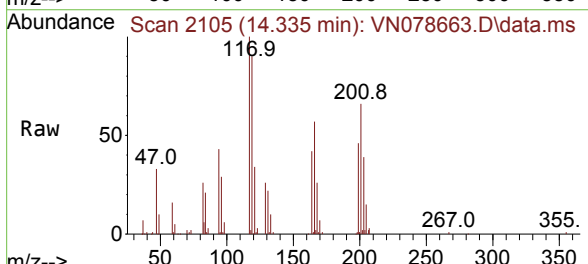
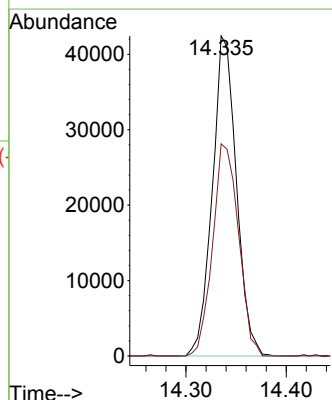


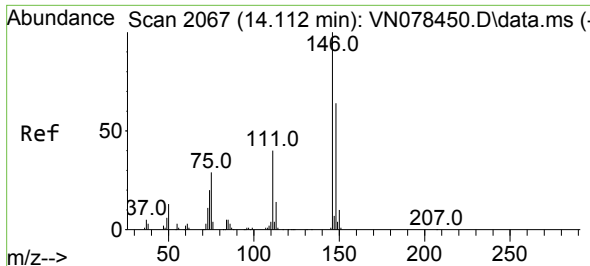
Tgt Ion: 91 Resp: 261372
 Ion Ratio Lower Upper
 91 100
 92 48.7 26.4 79.0
 134 25.9 12.6 37.6



#90
 Hexachloroethane
 Concen: 19.713 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

Tgt Ion: 117 Resp: 70713
 Ion Ratio Lower Upper
 117 100
 201 71.2 29.3 88.0

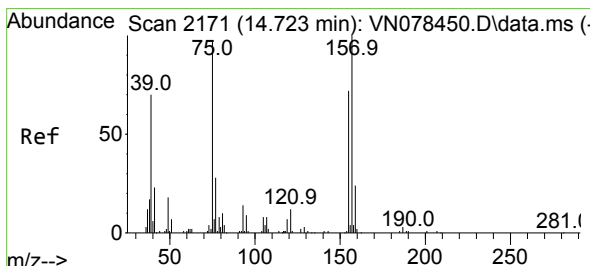
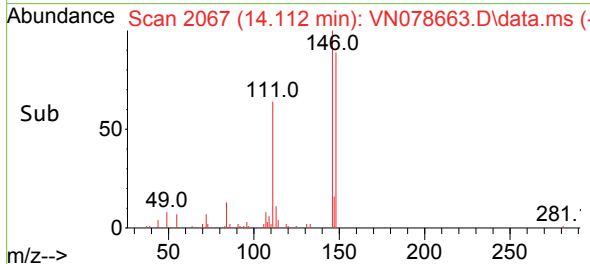
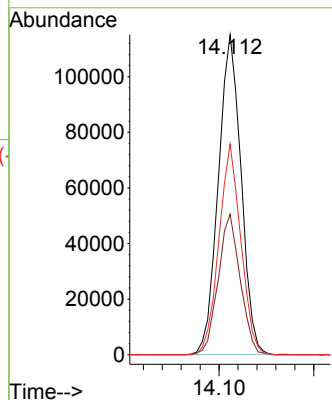
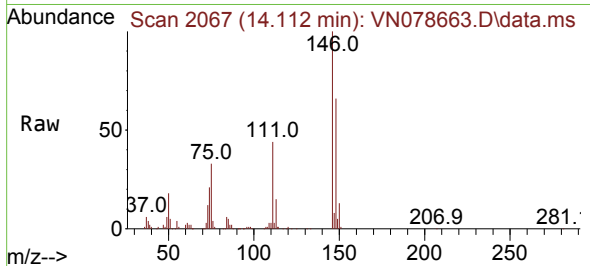




#91
 1,2-Dichlorobenzene
 Concen: 17.958 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

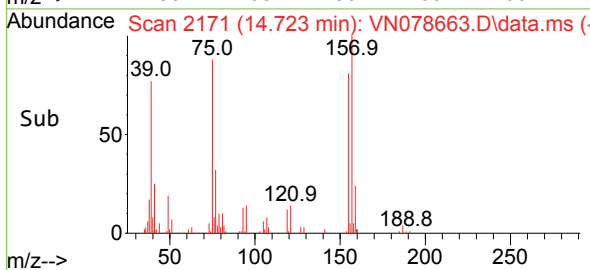
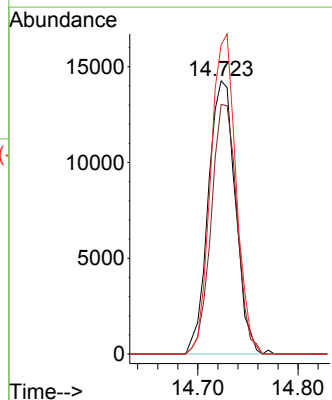
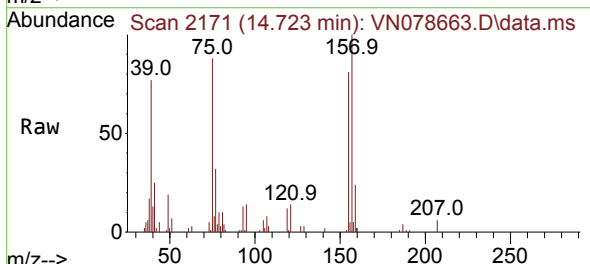
Instrument :
 MSVOA_N
 ClientSampleId :

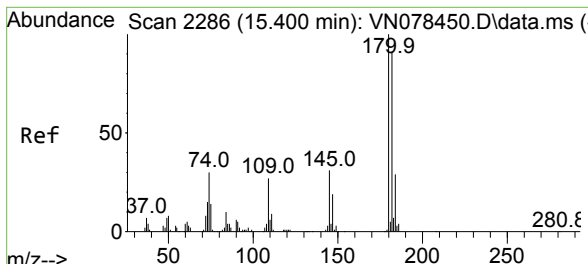
Tgt Ion:146 Resp: 191857
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.0 66.0
 148 63.6 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.827 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

Tgt Ion: 75 Resp: 26807
 Ion Ratio Lower Upper
 75 100
 155 86.5 39.1 117.2
 157 108.9 50.3 150.9

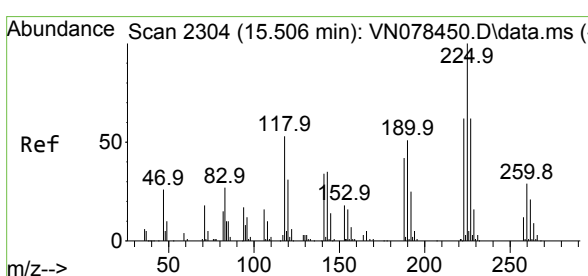
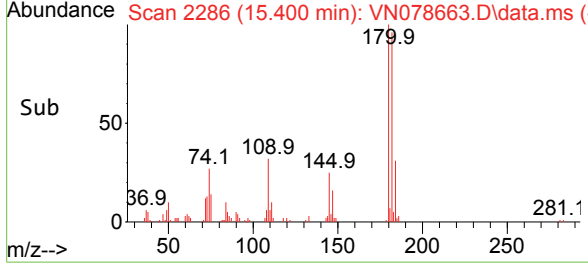
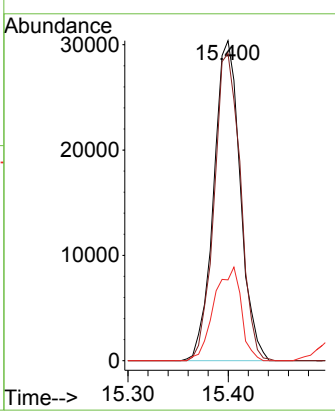
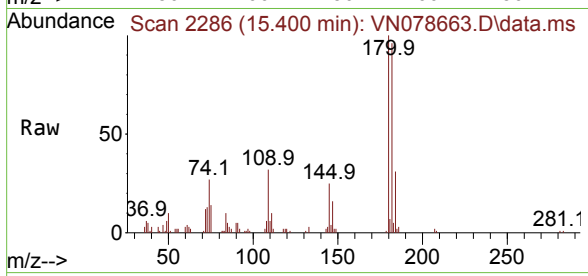




#93
 1,2,4-Trichlorobenzene
 Concen: 16.377 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

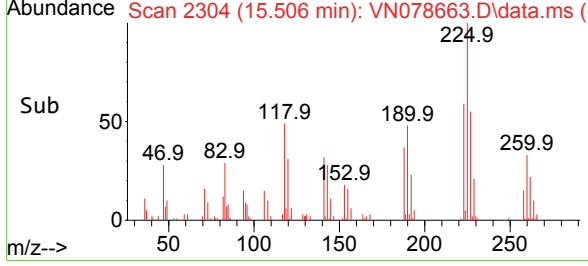
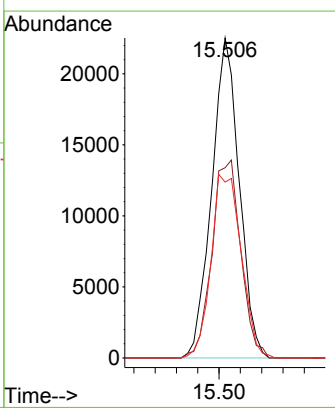
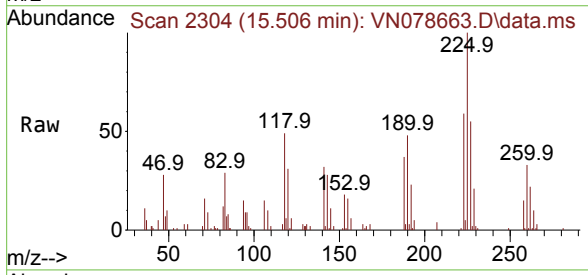
Instrument :
 MSVOA_N
 ClientSampleId :

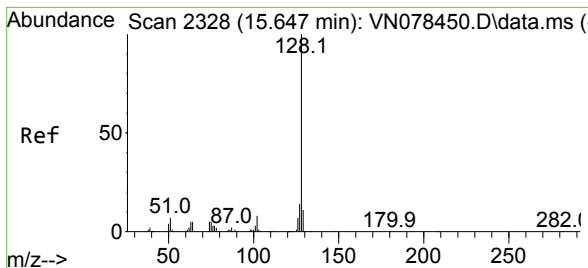
Tgt Ion:	180	Resp:	55839
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.1	138.2
145	29.8	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 20.445 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078663.D
 Acq: 27 Jul 2023 16:31

Tgt Ion:	225	Resp:	40378
Ion Ratio	Lower	Upper	
225	100		
223	64.7	31.3	93.8
227	62.9	31.9	95.9

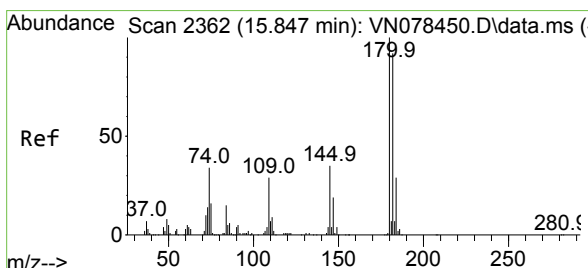
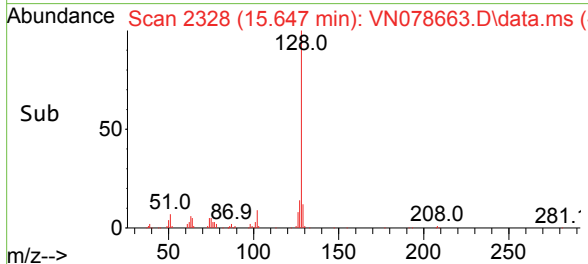
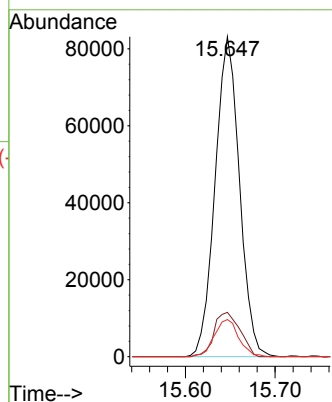
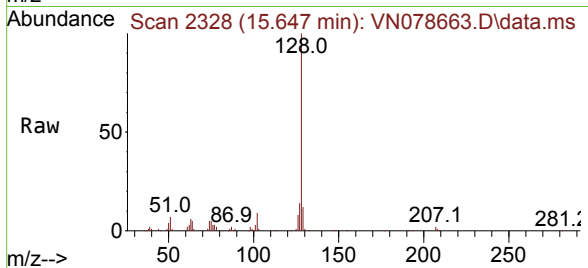




#95
Naphthalene
Concen: 13.428 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 156520
Ion Ratio Lower Upper
128 100
127 14.8 10.0 15.0
129 11.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 16.336 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078663.D
Acq: 27 Jul 2023 16:31

Tgt Ion:180 Resp: 64048
Ion Ratio Lower Upper
180 100
182 94.4 46.2 138.6
145 31.5 17.5 52.6

