

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079593.D
 Acq On : 17 Oct 2023 19:56
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 02:35:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	20625	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	139168	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	171956	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	83616	28.514	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.033%
60) 4-Bromofluorobenzene	12.853	95	96371	30.647	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.167%
63) Toluene-d8	10.571	98	230328	31.259	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	56110	18.760	ug/l	98
3) Chloromethane	2.371	50	71258	18.381	ug/l	98
4) Vinyl Chloride	2.518	62	80528	19.247	ug/l	98
5) Bromomethane	2.959	94	42234	16.281	ug/l	92
6) Chloroethane	3.124	64	54264	18.427	ug/l	94
7) Trichlorofluoromethane	3.500	101	97813	19.159	ug/l	95
8) Diethyl Ether	3.965	74	33274	17.983	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	55226	18.907	ug/l	86
10) 1,1-Dichloroethene	4.347	96	50201	18.064	ug/l	93
11) Methyl Iodide	4.600	142	56074	18.224	ug/l	89
12) Methyl Acetate	5.030	43	119163	17.787	ug/l	95
13) Acrolein	4.195	56	49298	89.017	ug/l	98
14) Acrylonitrile	5.730	53	151518	94.441	ug/l	97
15) Acetone	4.436	58	39737	78.187	ug/l	86
16) Carbon Disulfide	4.712	76	151960	17.932	ug/l	99
17) Allyl chloride	5.030	41	82218	19.189	ug/l	94
18) Methylene Chloride	5.277	84	64184	18.764	ug/l	94
19) trans-1,2-Dichloroethene	5.794	96	58123	18.695	ug/l	94
20) Diisopropyl ether	6.677	45	193907	19.086	ug/l	96
21) 1,1-Dichloroethane	6.571	63	118674	19.223	ug/l	99
22) cis-1,2-Dichloroethene	7.494	96	67284	18.789	ug/l	94
23) tert-Butyl Alcohol	5.530	59	42368	78.973	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	168682	18.090	ug/l	99
25) Chloroform	7.971	83	121839	19.531	ug/l	94
26) Cyclohexane	8.259	56	86931	18.627	ug/l #	100
29) 1,1-Dichloropropene	8.377	75	87262	21.456	ug/l	98
30) 2-Butanone	7.488	43	193293	94.816	ug/l #	98
31) 2,2-Dichloropropane	7.494	77	85356	18.614	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	100331	20.756	ug/l	97
33) Carbon Tetrachloride	8.371	117	86273	20.985	ug/l	97
34) Benzene	8.612	78	262923	21.278	ug/l	95
35) Methacrylonitrile	7.788	41	38530	17.967	ug/l	98
36) 1,2-Dichloroethane	8.671	62	94441	21.406	ug/l	99
37) Trichloroethene	9.353	130	58449	20.236	ug/l	96
38) Methylcyclohexane	9.606	83	79016	20.179	ug/l	98
39) 1,2-Dichloropropane	9.624	63	69235	21.232	ug/l	100
40) Dibromomethane	9.712	93	46045	21.516	ug/l	97
41) Bromodichloromethane	9.894	83	96562	21.773	ug/l	97
42) Vinyl Acetate	6.612	43	511483	98.906	ug/l	100

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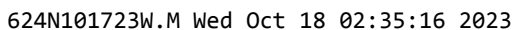
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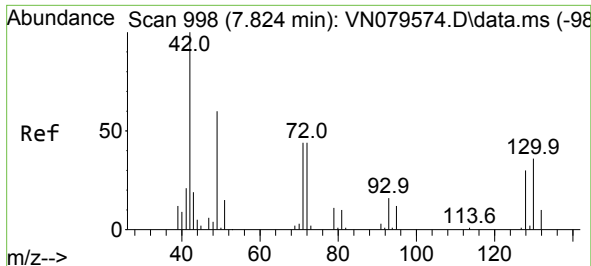
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	83669	21.826	ug/l #	83
44) Isopropyl Acetate	8.694	43	133460	19.585	ug/l	98
45) 1,4-Dioxane	9.694	88	21880	410.187	ug/l #	96
46) Methyl methacrylate	9.688	41	61531	20.353	ug/l	93
47) n-amyl Acetate	12.500	43	95384	19.395	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	88464	19.732	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	99555	20.307	ug/l	98
50) 1,1,2-Trichloroethane	11.023	97	63922	21.532	ug/l	97
51) Ethyl methacrylate	10.876	69	77079	18.818	ug/l	97
52) 1,3-Dichloropropane	11.165	76	109757	20.869	ug/l	100
53) Dibromochloromethane	11.365	129	64517	21.264	ug/l	98
54) 1,2-Dibromoethane	11.470	107	60077	20.512	ug/l	96
55) 2-Chloroethyl vinyl ether	10.165	63	145212	92.922	ug/l	98
56) Bromoform	12.582	173	40713	20.283	ug/l	96
58) 4-Methyl-2-Pentanone	10.447	43	412585	102.868	ug/l	99
59) 2-Hexanone	11.200	43	288170	97.935	ug/l	100
61) Tetrachloroethene	11.106	164	50262	21.289	ug/l	96
62) Toluene	10.635	91	273260	20.793	ug/l	100
64) Chlorobenzene	11.894	112	154857	20.317	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	60159	20.720	ug/l	97
66) Ethyl Benzene	11.965	91	273425	20.193	ug/l	98
67) m/p-Xylenes	12.076	106	210216	41.975	ug/l	97
68) o-Xylene	12.400	106	98634	20.601	ug/l	100
69) Styrene	12.418	104	158718	20.882	ug/l	99
70) Isopropylbenzene	12.700	105	254742	20.733	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	91599	20.966	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	104637	26.374	ug/l	69
73) Bromobenzene	12.982	156	58712	20.341	ug/l	99
74) n-propylbenzene	13.041	91	293534	20.520	ug/l	98
75) 2-Chlorotoluene	13.129	91	185741	20.886	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	210786	20.986	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	22976	18.975	ug/l	90
78) 4-Chlorotoluene	13.223	91	174076	20.718	ug/l	99
79) tert-butylbenzene	13.441	119	169062	20.935	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	205791	21.145	ug/l	97
81) sec-Butylbenzene	13.617	105	237850	20.980	ug/l	99
82) p-Isopropyltoluene	13.729	119	185507	20.628	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	97794	20.605	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	92398	20.307	ug/l	98
85) n-Butylbenzene	14.059	91	135424	19.273	ug/l	99
86) Hexachloroethane	14.335	117	39164	20.144	ug/l	96
87) 1,2-Dichlorobenzene	14.112	146	98467	20.873	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	12687	19.058	ug/l	98
89) 1,2,4-Trichlorobenzene	15.847	180	28409	17.085	ug/l	98
90) Hexachlorobutadiene	15.500	225	22825	19.379	ug/l	98
91) Naphthalene	15.647	128	57312	13.362	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	28409	17.085	ug/l	98

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

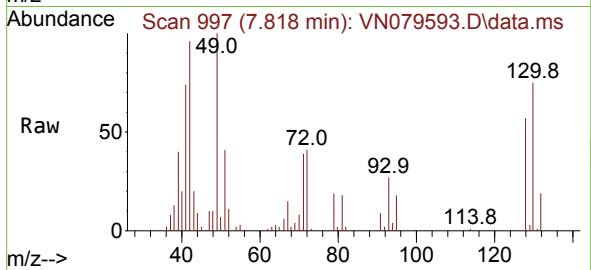
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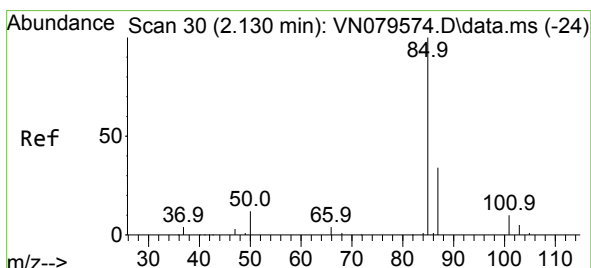
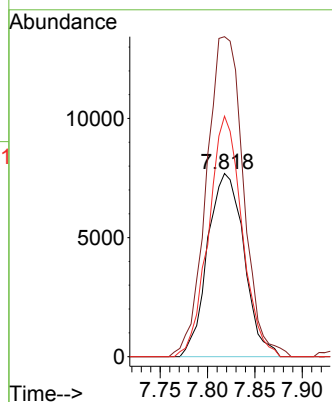
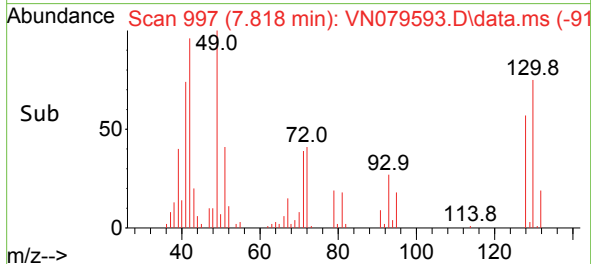


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Instrument :
MSVOA_N
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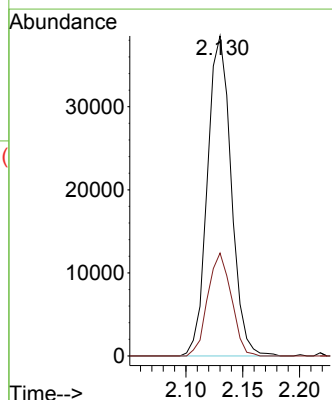
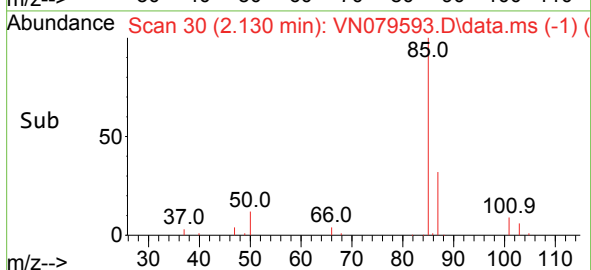
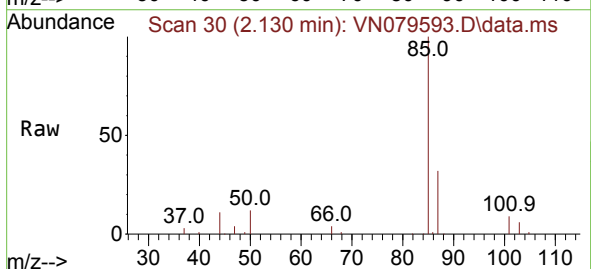


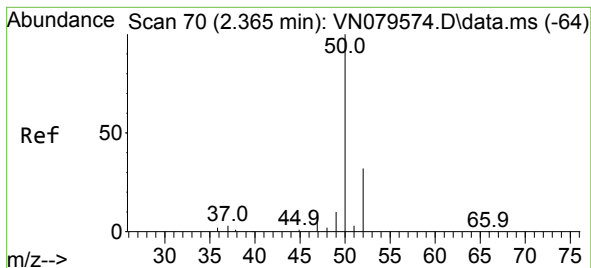
Tgt Ion:128 Resp: 20625
Ion Ratio Lower Upper
128 100
49 177.0 0.0 468.5
130 120.2 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 18.760 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 85 Resp: 56110
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.7





#3

Chloromethane

Concen: 18.381 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

Instrument :

MSVOA_N

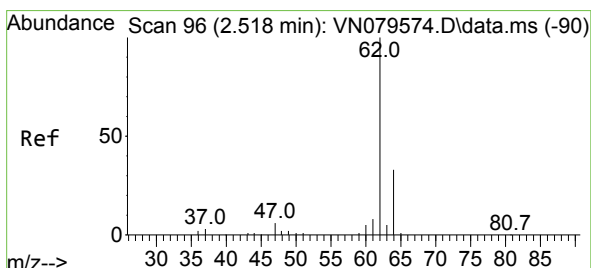
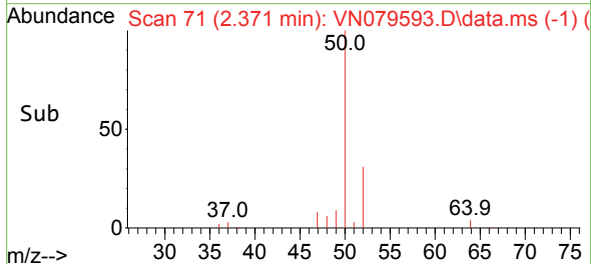
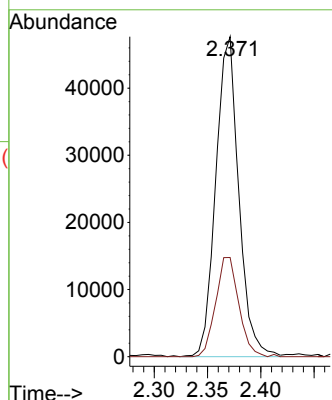
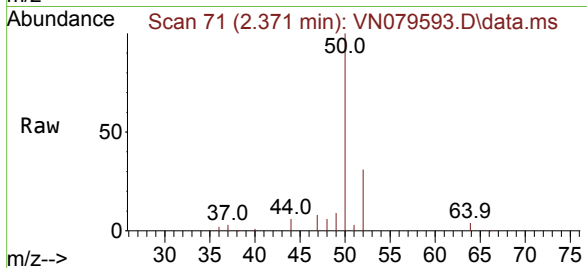
ClientSampleId :

Tgt Ion: 50 Resp: 71258

Ion Ratio Lower Upper

50 100

52 31.0 25.6 38.4



#4

Vinyl Chloride

Concen: 19.247 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN079593.D

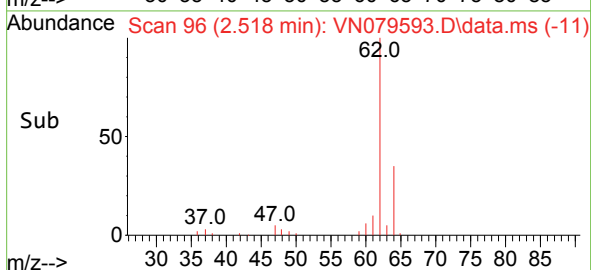
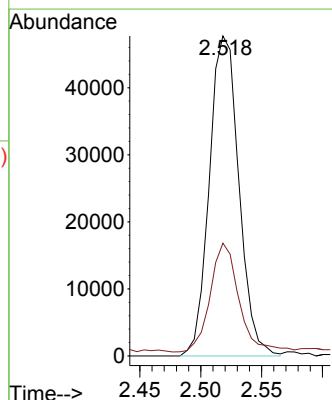
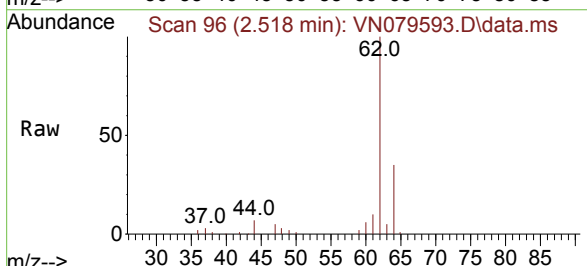
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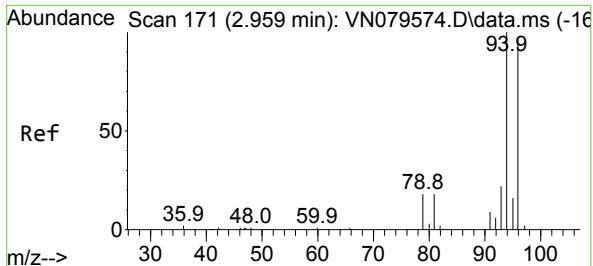
Tgt Ion: 62 Resp: 80528

Ion Ratio Lower Upper

62 100

64 33.9 26.4 39.6

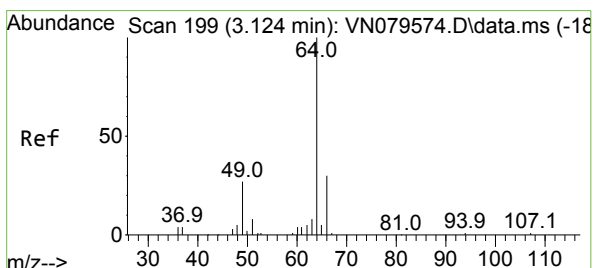
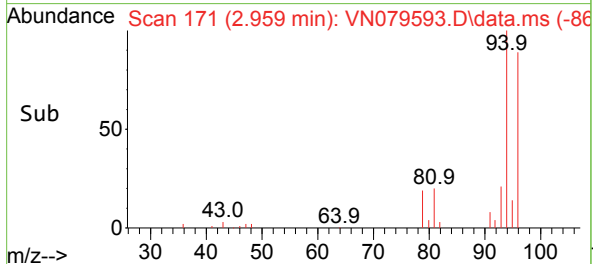
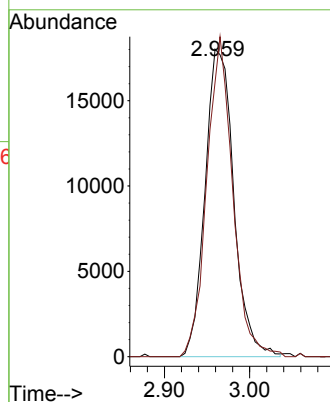
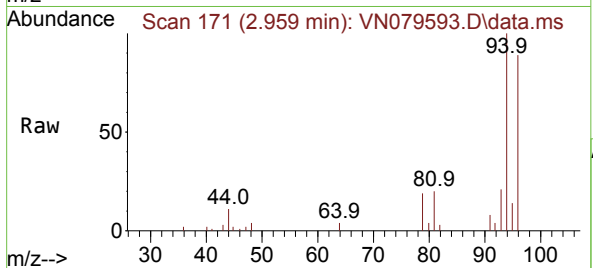




#5
Bromomethane
Concen: 16.281 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

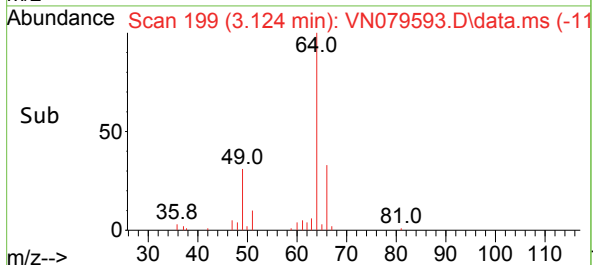
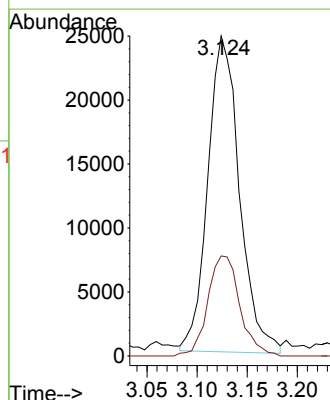
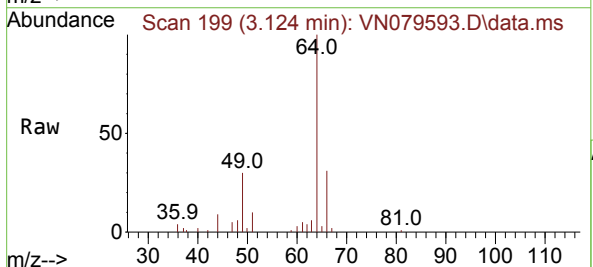
Instrument :
MSVOA_N
ClientSampleId :

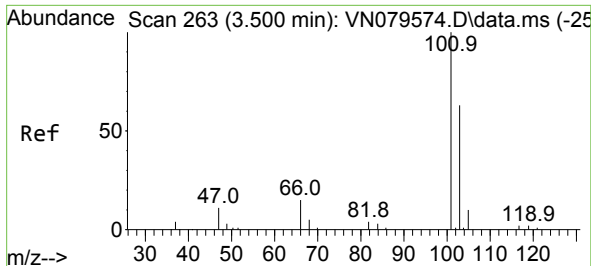
Tgt Ion: 94 Resp: 42234
Ion Ratio Lower Upper
94 100
96 89.2 77.8 116.6



#6
Chloroethane
Concen: 18.427 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 64 Resp: 54264
Ion Ratio Lower Upper
64 100
66 32.2 23.3 34.9

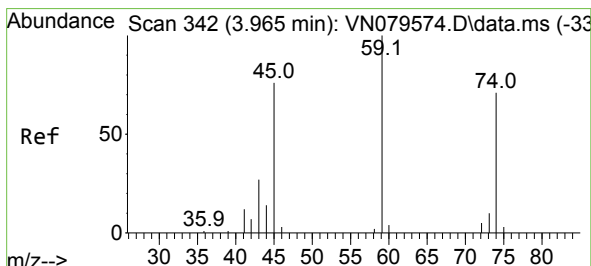
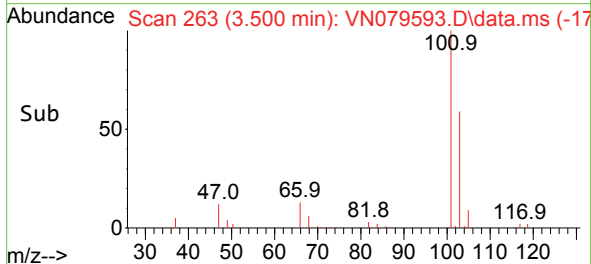
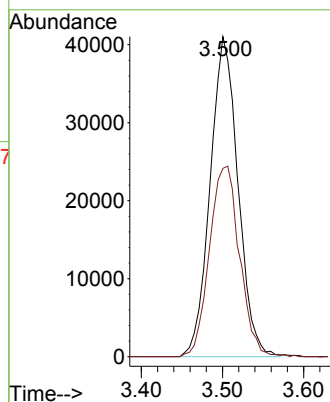
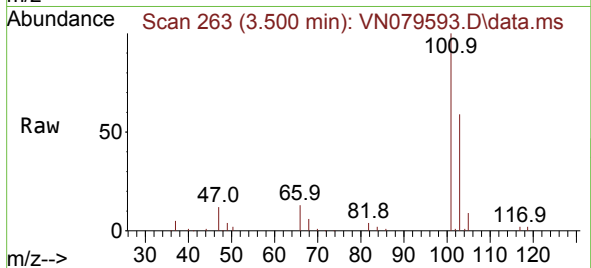




#7
 Trichlorofluoromethane
 Concen: 19.159 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079593.D
 Acq: 17 Oct 2023 19:56

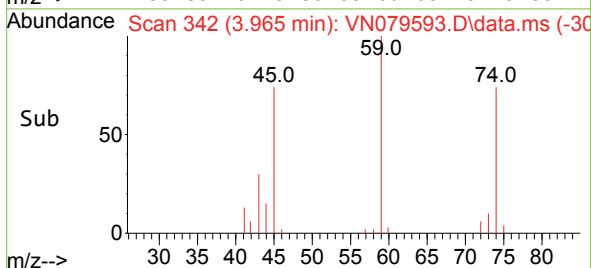
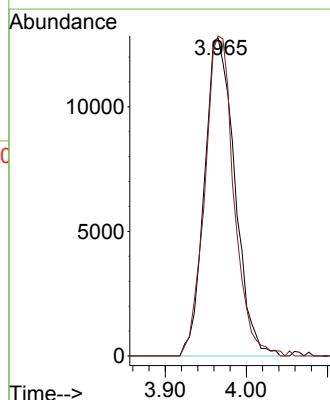
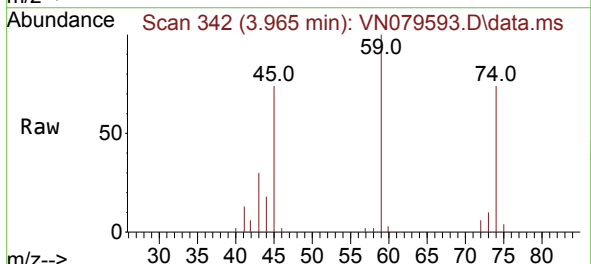
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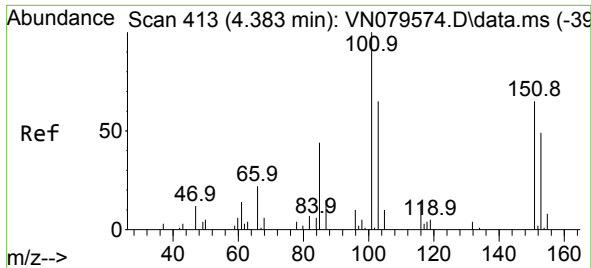
Tgt Ion:101 Resp: 97813
 Ion Ratio Lower Upper
 101 100
 103 58.8 49.9 74.9



#8
 Diethyl Ether
 Concen: 17.983 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079593.D
 Acq: 17 Oct 2023 19:56

Tgt Ion: 74 Resp: 33274
 Ion Ratio Lower Upper
 74 100
 45 95.9 19.0 171.0

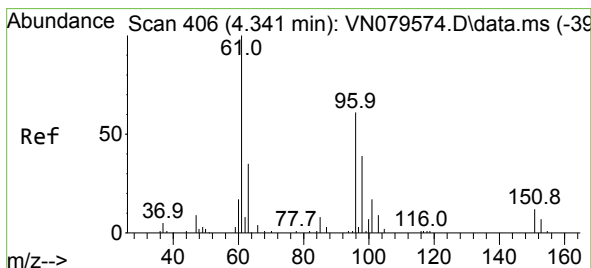
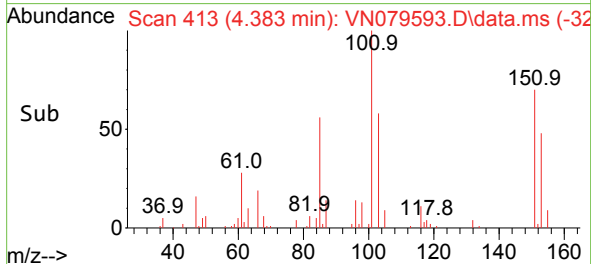
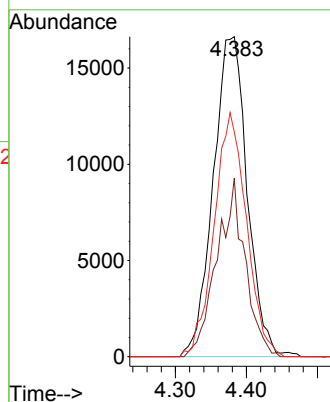
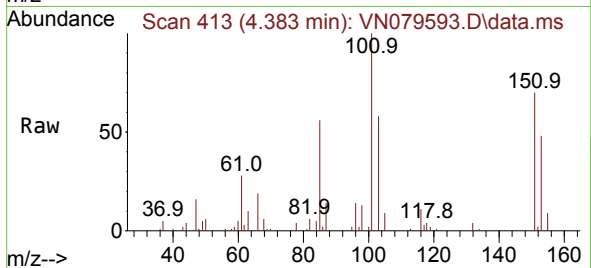




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.907 ug/l
 RT: 4.383 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VN079593.D
 Acq: 17 Oct 2023 19:56

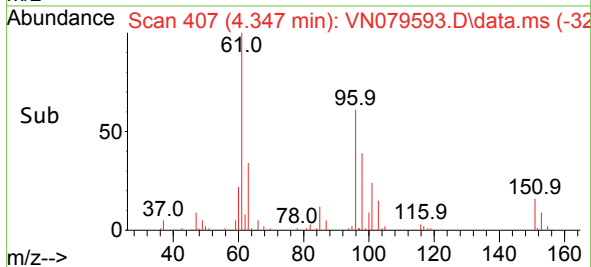
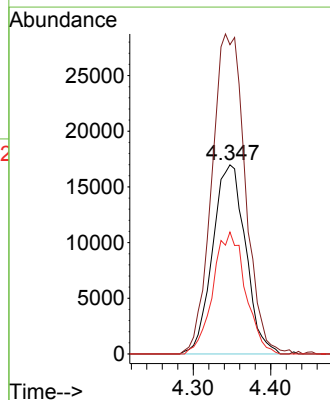
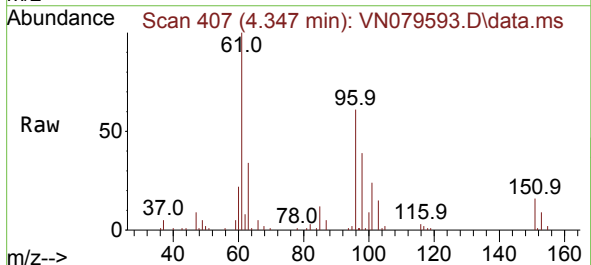
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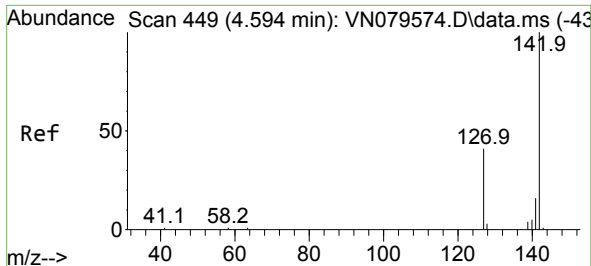
Tgt Ion:101 Resp: 55226
 Ion Ratio Lower Upper
 101 100
 85 26.6 0.0 92.0
 151 72.3 0.0 138.4



#10
 1,1-Dichloroethene
 Concen: 18.064 ug/l
 RT: 4.347 min Scan# 407
 Delta R.T. 0.006 min
 Lab File: VN079593.D
 Acq: 17 Oct 2023 19:56

Tgt Ion: 96 Resp: 50201
 Ion Ratio Lower Upper
 96 100
 61 163.5 141.3 211.9
 98 64.4 53.2 79.8

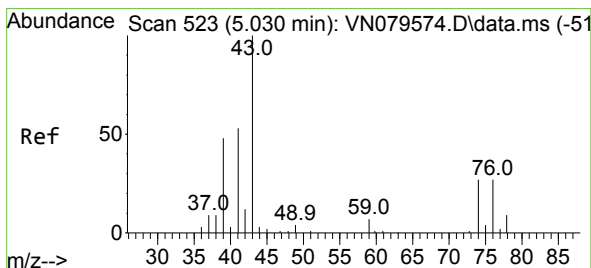
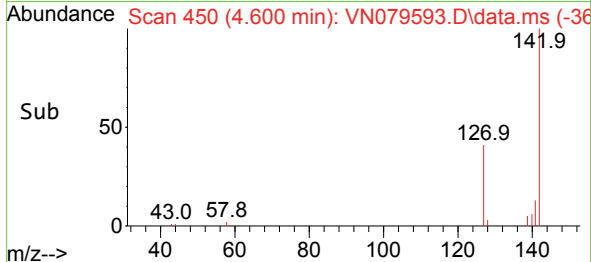
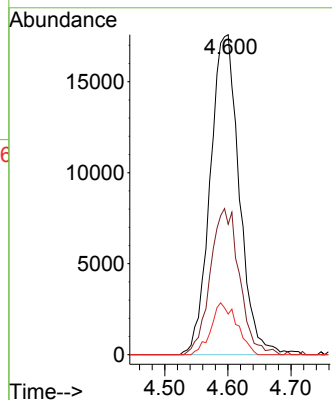
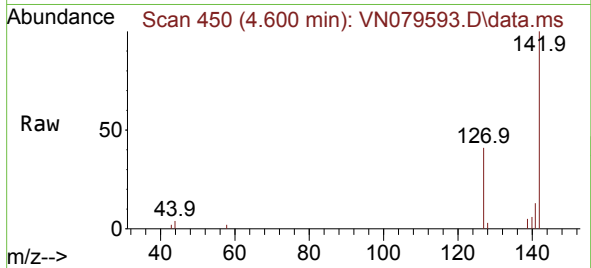




#11
Methyl Iodide
Concen: 18.224 ug/l
RT: 4.600 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

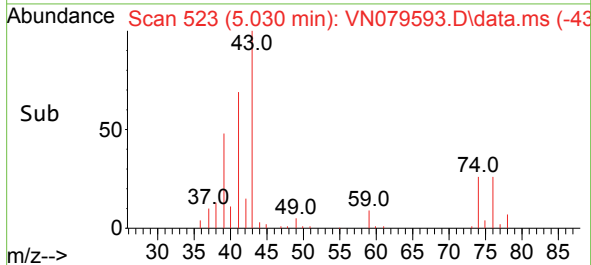
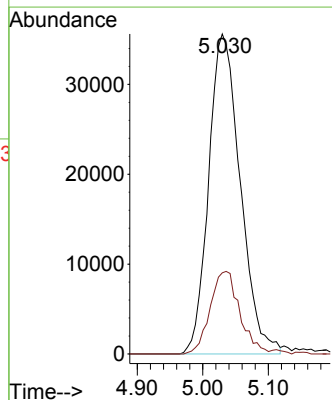
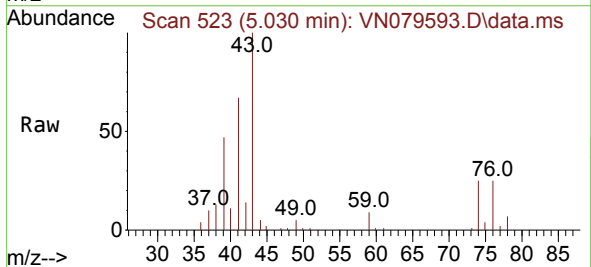
Instrument :
MSVOA_N
ClientSampleId :

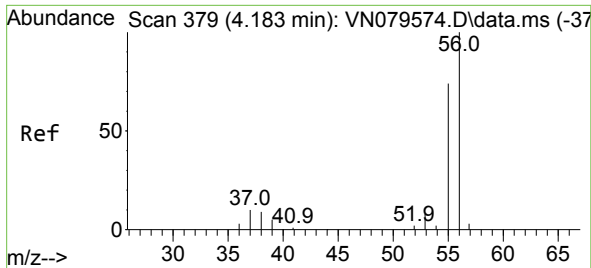
Tgt Ion:142 Resp: 56074
Ion Ratio Lower Upper
142 100
127 40.9 24.6 73.8
141 12.8 7.7 23.1



#12
Methyl Acetate
Concen: 17.787 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 43 Resp: 119163
Ion Ratio Lower Upper
43 100
74 25.1 18.1 27.1

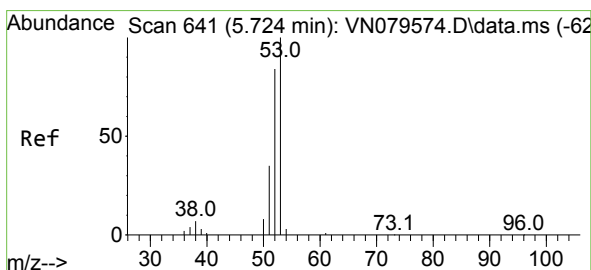
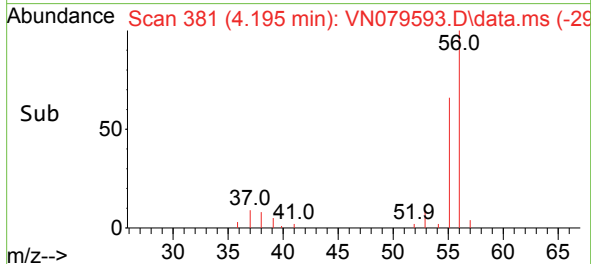
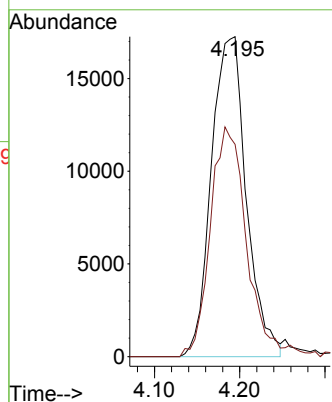
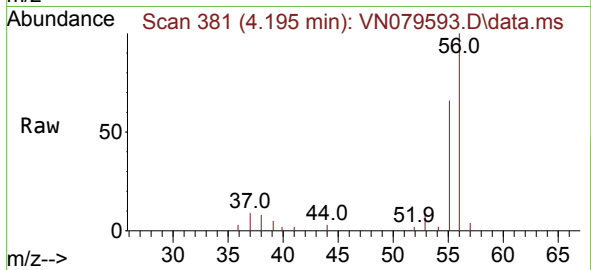




#13
Acrolein
Concen: 89.017 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.012 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

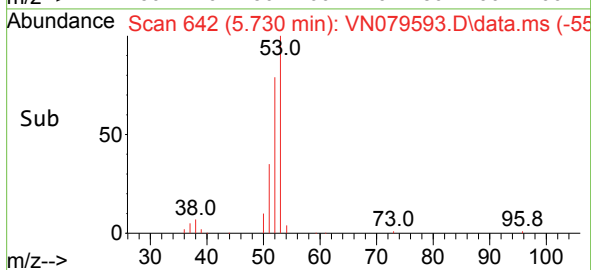
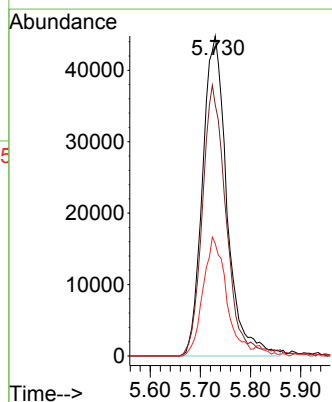
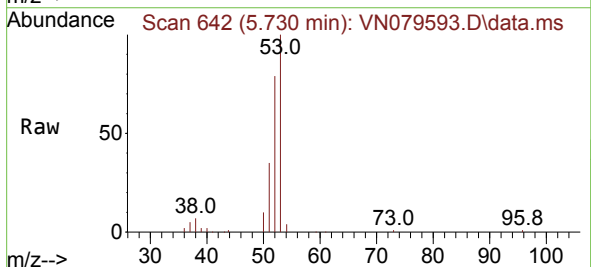
Instrument :
MSVOA_N
ClientSampleId :

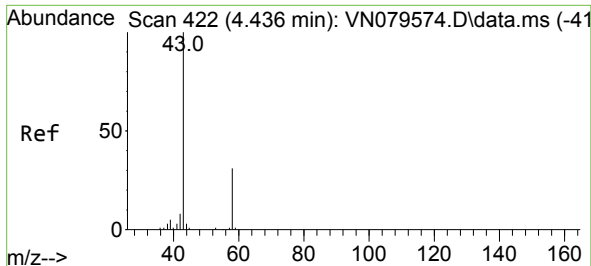
Tgt Ion: 56 Resp: 49298
Ion Ratio Lower Upper
56 100
55 72.9 57.1 85.7



#14
Acrylonitrile
Concen: 94.441 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 53 Resp: 151518
Ion Ratio Lower Upper
53 100
52 79.9 41.6 124.9
51 35.5 17.8 53.3

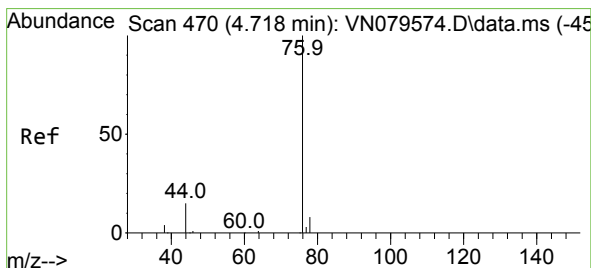
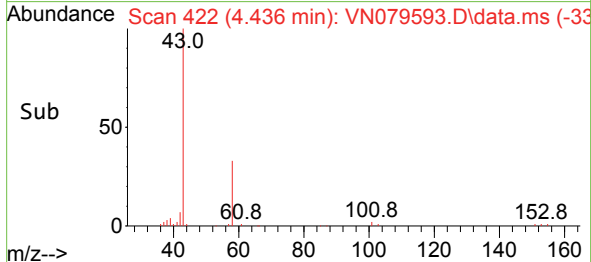
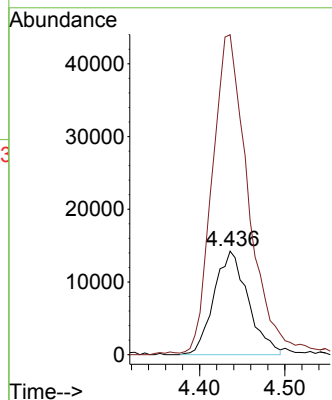
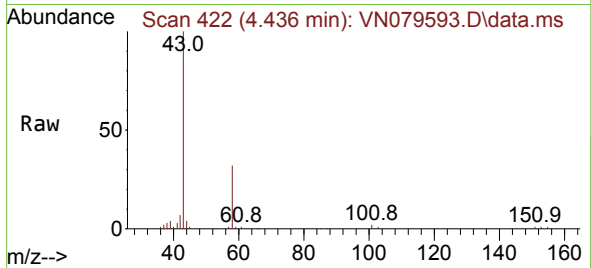




#15
Acetone
Concen: 78.187 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

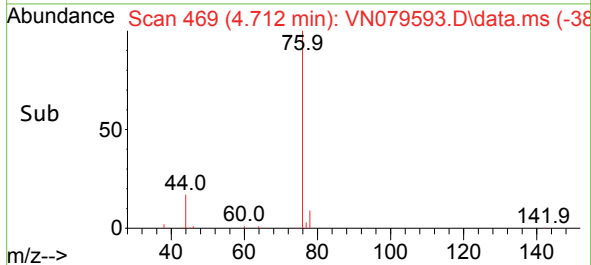
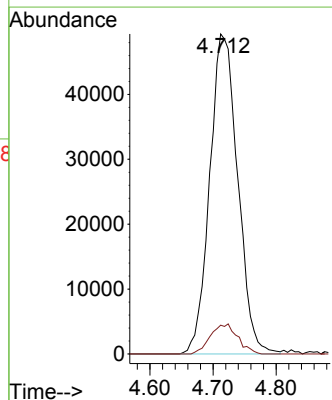
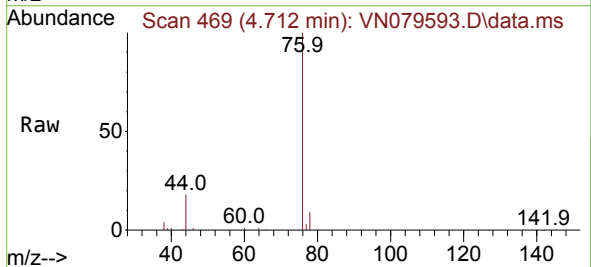
Instrument :
MSVOA_N
ClientSampleId :

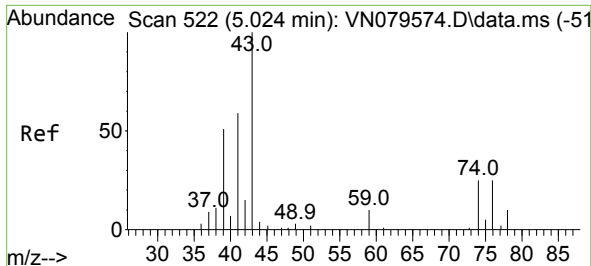
Tgt Ion: 58 Resp: 39737
Ion Ratio Lower Upper
58 100
43 307.5 225.2 337.8



#16
Carbon Disulfide
Concen: 17.932 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

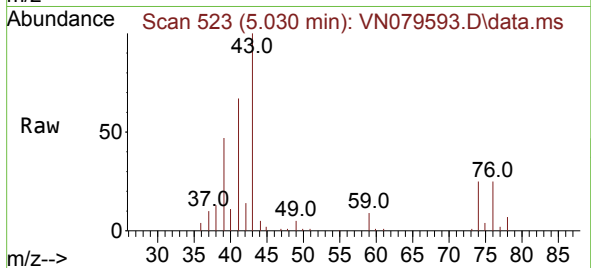
Tgt Ion: 76 Resp: 151960
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



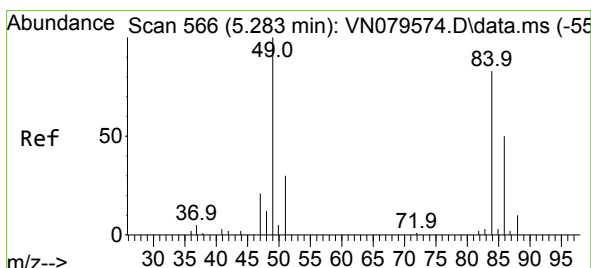
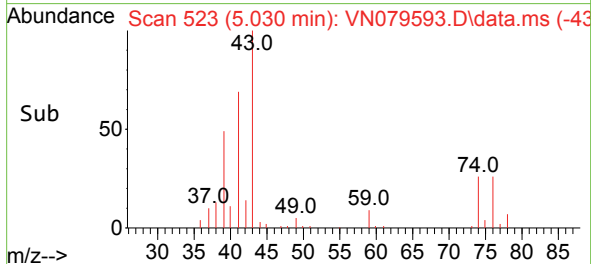
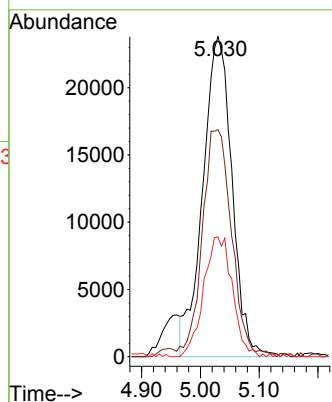


#17
 Allyl chloride
 Concen: 19.189 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079593.D
 Acq: 17 Oct 2023 19:56

Instrument :
 MSVOA_N
 ClientSampleId :

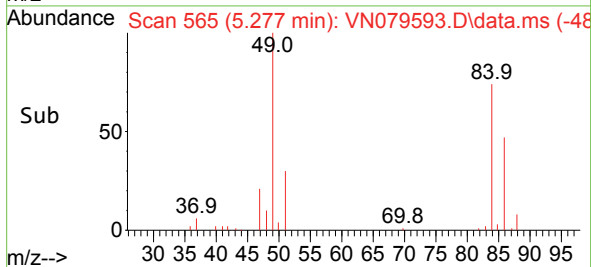
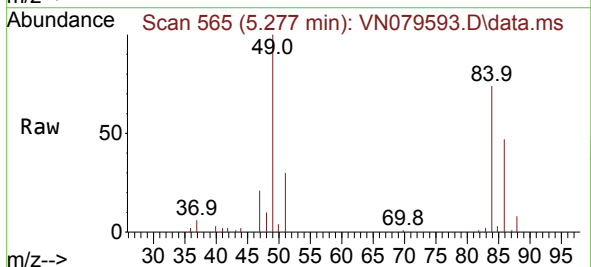
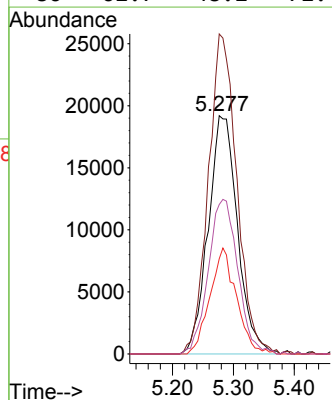


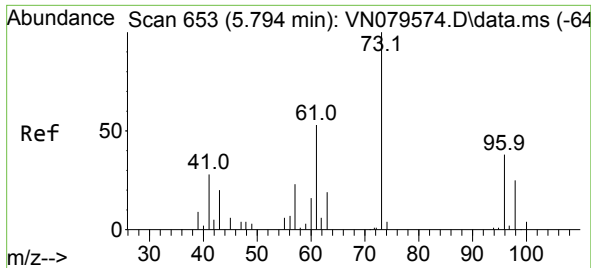
Tgt Ion: 41 Resp: 82218
 Ion Ratio Lower Upper
 41 100
 39 70.0 38.4 115.2
 76 37.4 19.5 58.5



#18
 Methylene Chloride
 Concen: 18.764 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079593.D
 Acq: 17 Oct 2023 19:56

Tgt Ion: 84 Resp: 64184
 Ion Ratio Lower Upper
 84 100
 49 134.3 100.9 151.3
 51 40.0 29.4 44.2
 86 62.7 48.2 72.4

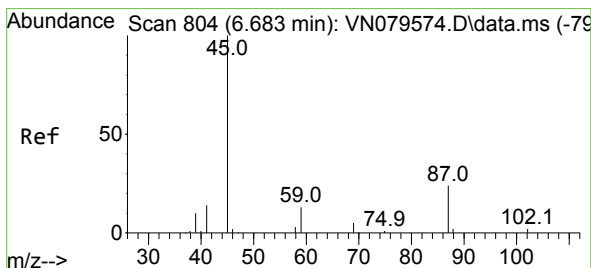
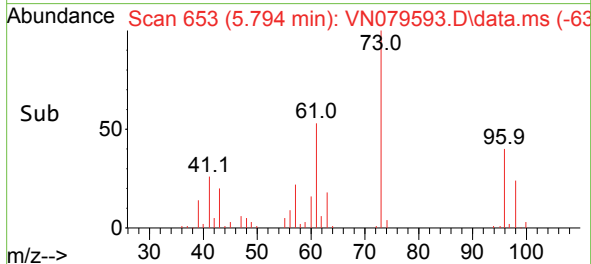
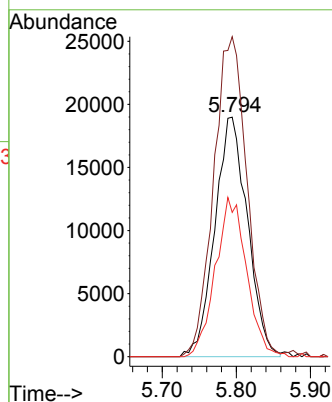
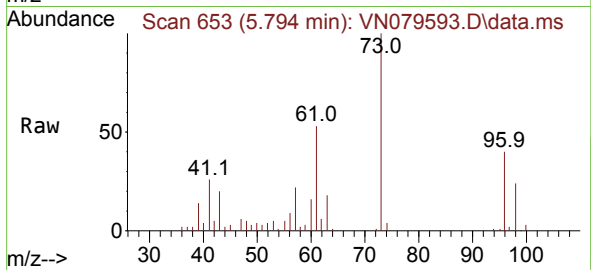




#19
trans-1,2-Dichloroethene
Concen: 18.695 ug/l
RT: 5.794 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

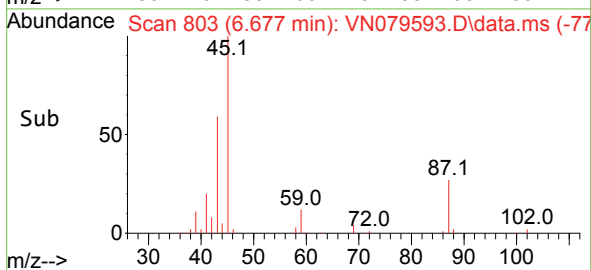
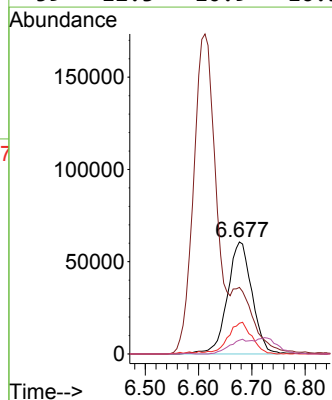
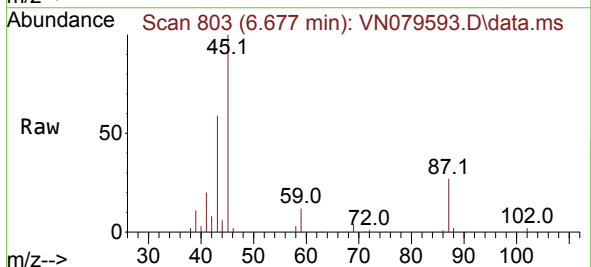
Instrument :
MSVOA_N
ClientSampleId :

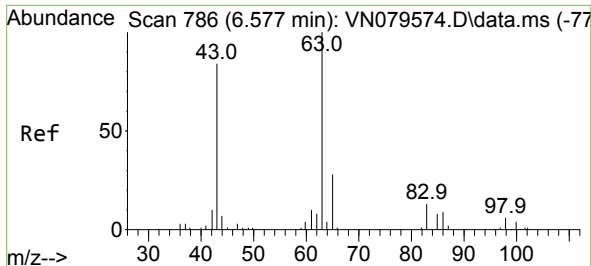
Tgt Ion: 96 Resp: 58123
Ion Ratio Lower Upper
96 100
61 133.6 113.4 170.0
98 60.2 50.4 75.6



#20
Diisopropyl ether
Concen: 19.086 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 45 Resp: 193907
Ion Ratio Lower Upper
45 100
43 55.7 42.1 63.1
87 27.1 20.5 30.7
59 12.3 10.9 16.3





#21

1,1-Dichloroethane

Concen: 19.223 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.006 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

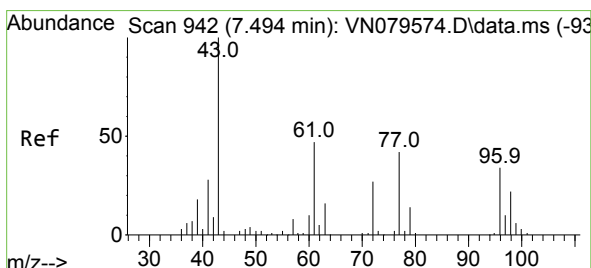
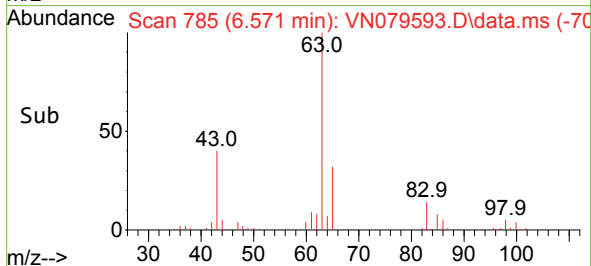
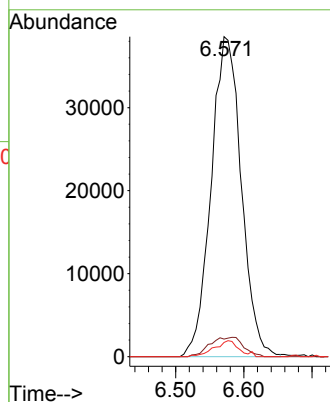
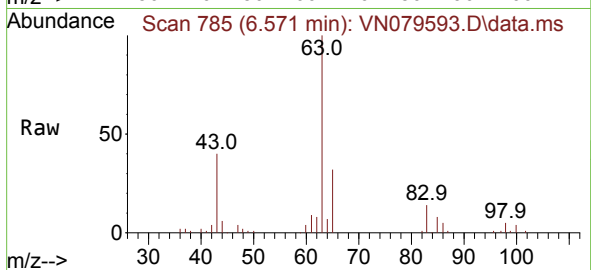
Tgt Ion: 63 Resp: 118674

Ion Ratio Lower Upper

63 100

98 5.5 2.8 8.4

100 4.4 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 18.789 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

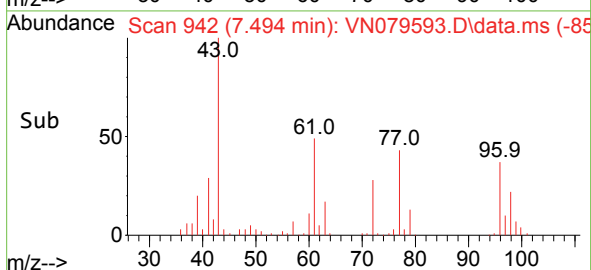
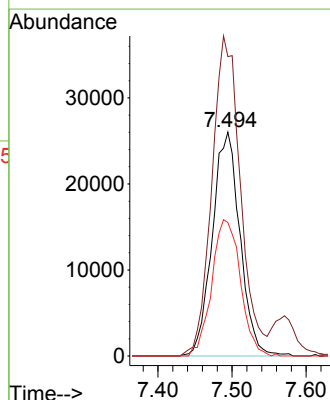
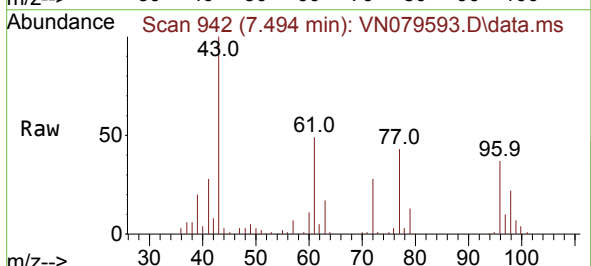
Tgt Ion: 96 Resp: 67284

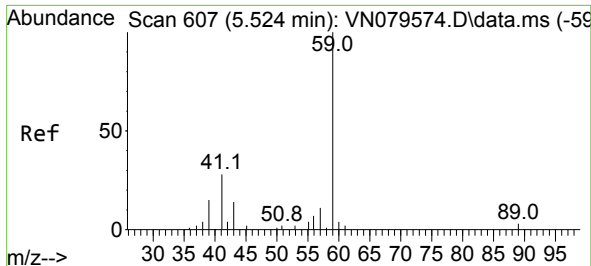
Ion Ratio Lower Upper

96 100

61 148.0 124.6 186.8

98 63.0 54.2 81.4

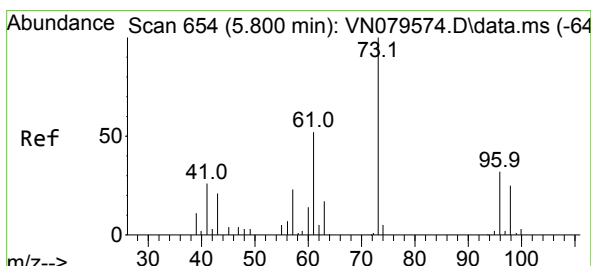
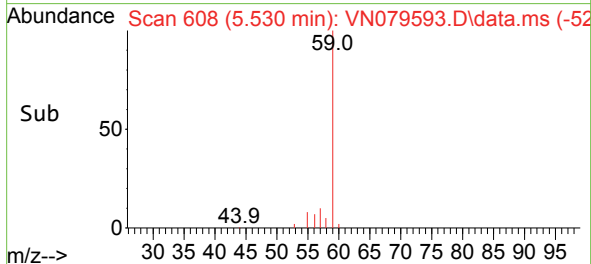
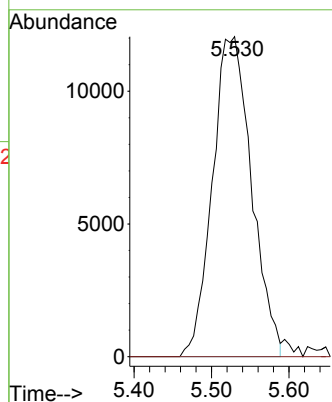
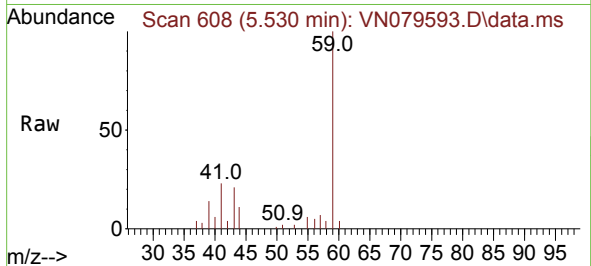




#23
tert-Butyl Alcohol
Concen: 78.973 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

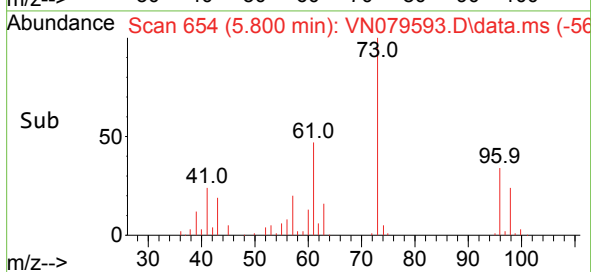
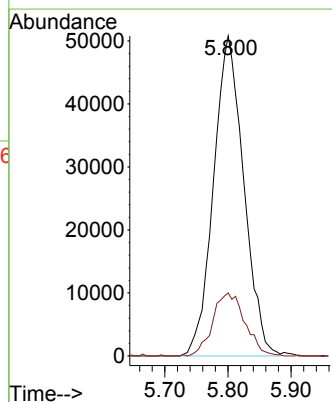
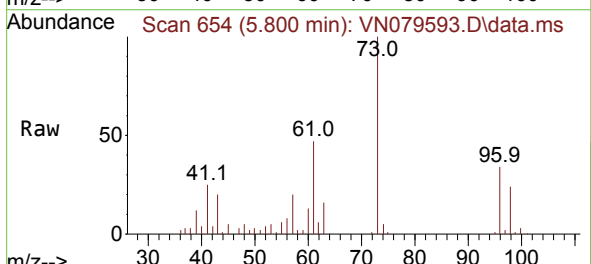
Instrument :
MSVOA_N
ClientSampleId :

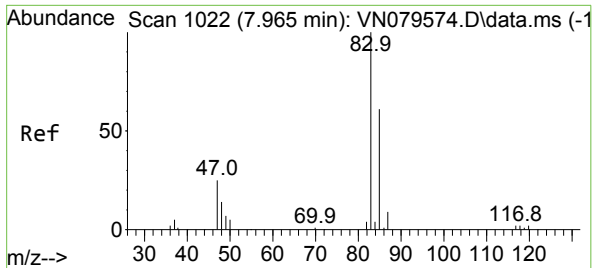
Tgt Ion: 59 Resp: 42368
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.090 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 73 Resp: 168682
Ion Ratio Lower Upper
73 100
43 21.0 16.6 24.8

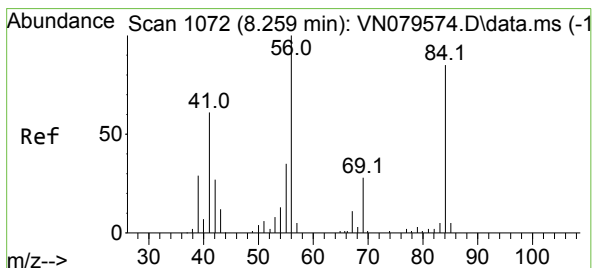
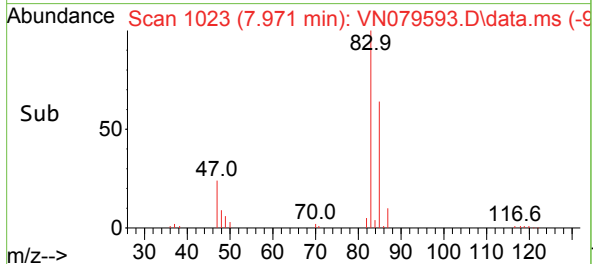
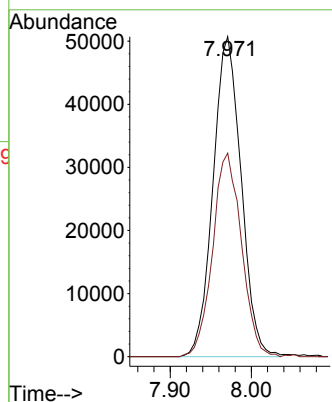
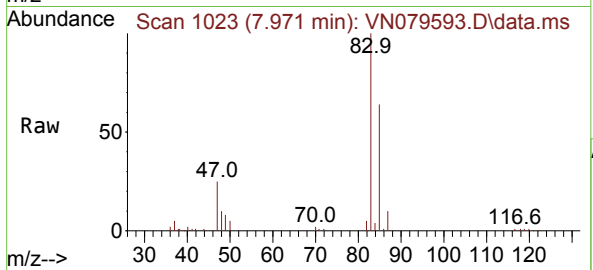




#25
Chloroform
Concen: 19.531 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

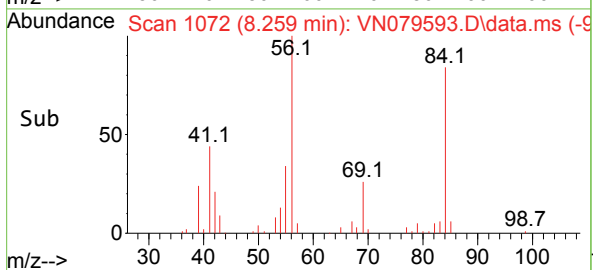
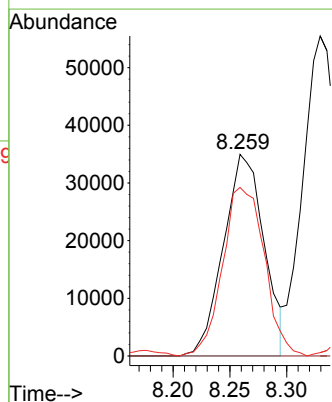
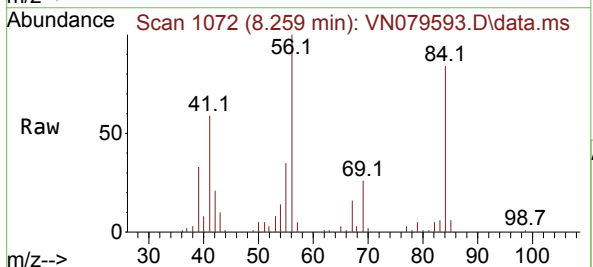
Instrument :
MSVOA_N
ClientSampleId :

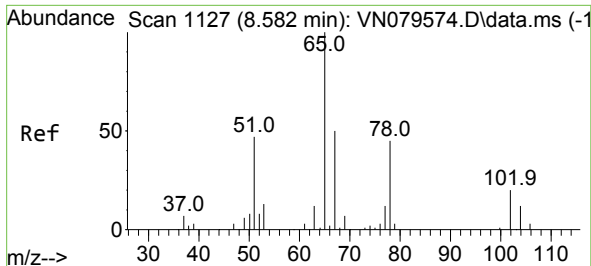
Tgt Ion: 83 Resp: 121839
Ion Ratio Lower Upper
83 100
85 63.6 47.4 71.2



#26
Cyclohexane
Concen: 18.627 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 56 Resp: 86931
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.0 69.0 103.4

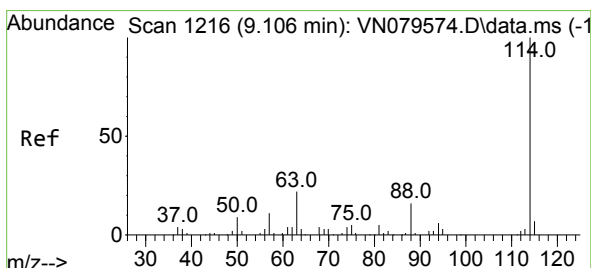
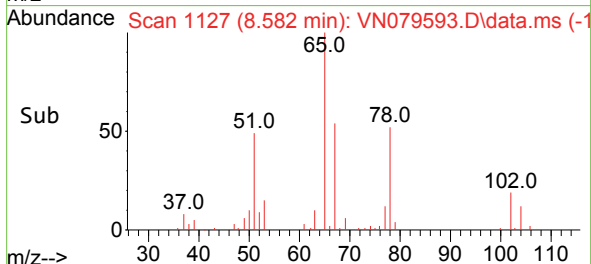
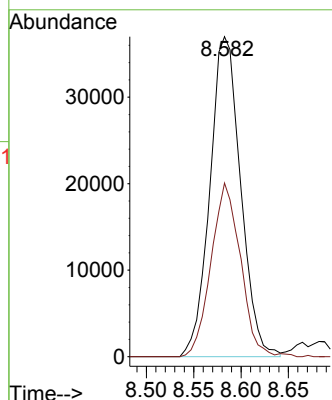
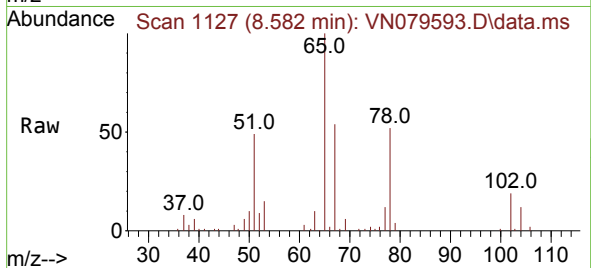




#27
1,2-Dichloroethane-d4
Concen: 28.514 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

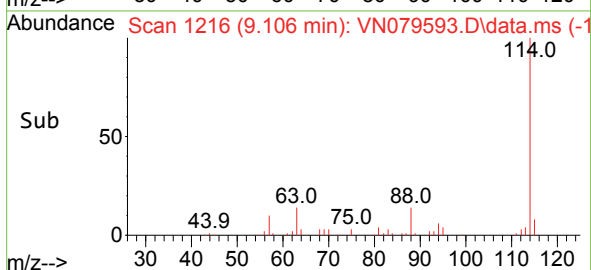
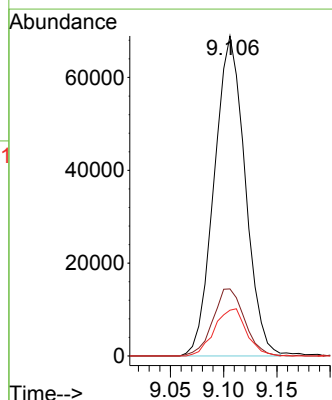
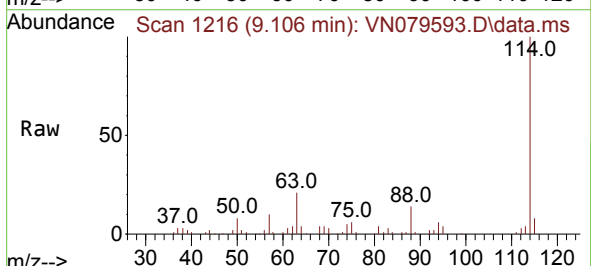
Instrument :
MSVOA_N
ClientSampleId :

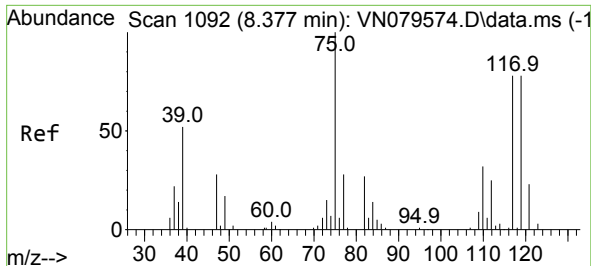
Tgt Ion: 65 Resp: 83616
Ion Ratio Lower Upper
65 100
67 51.7 42.1 63.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 114 Resp: 139168
Ion Ratio Lower Upper
114 100
63 21.4 18.1 27.1
88 15.3 12.2 18.2





#29

1,1-Dichloropropene

Concen: 21.456 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

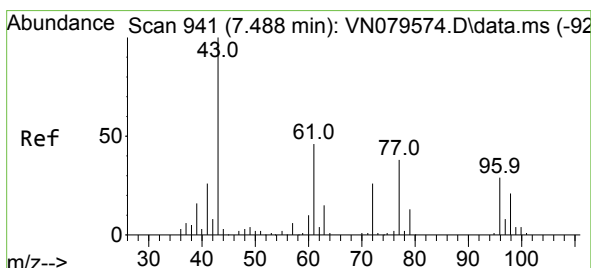
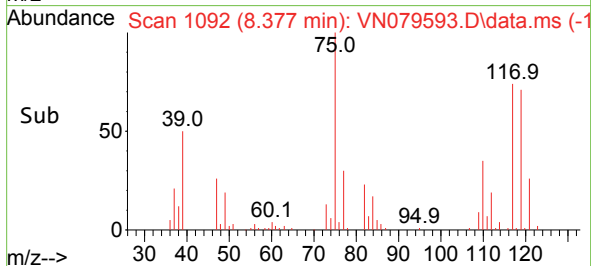
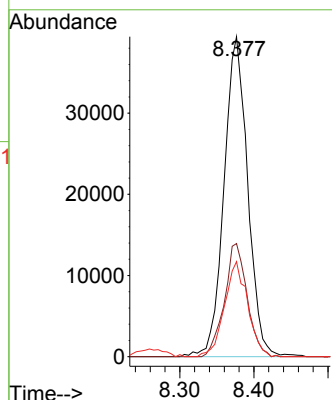
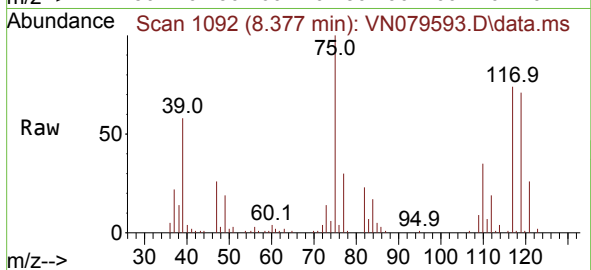
Tgt Ion: 75 Resp: 87262

Ion Ratio Lower Upper

75 100

110 33.8 0.0 66.8

77 29.1 0.0 61.2



#30

2-Butanone

Concen: 94.816 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

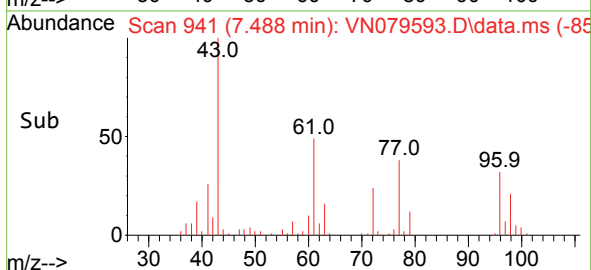
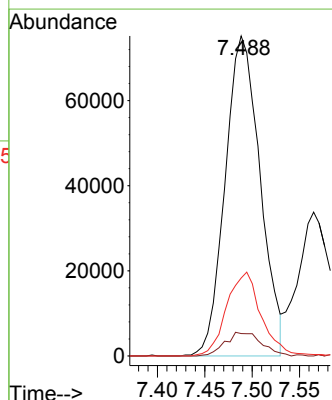
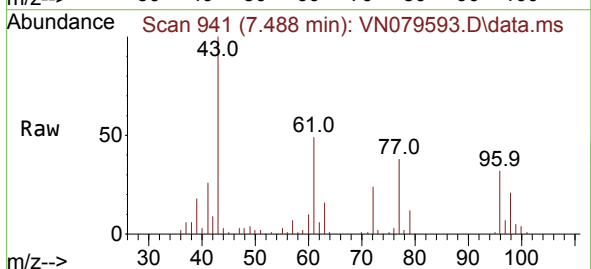
Tgt Ion: 43 Resp: 193293

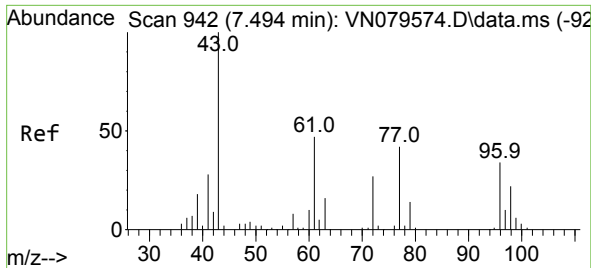
Ion Ratio Lower Upper

43 100

57 4.8 6.4 9.6#

72 26.0 20.7 31.1

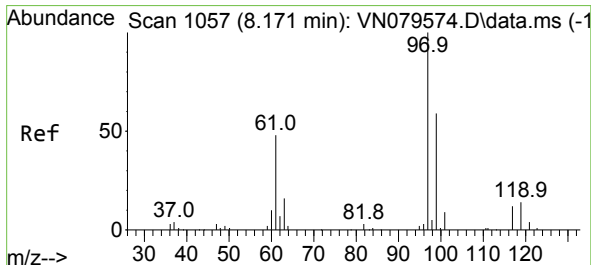
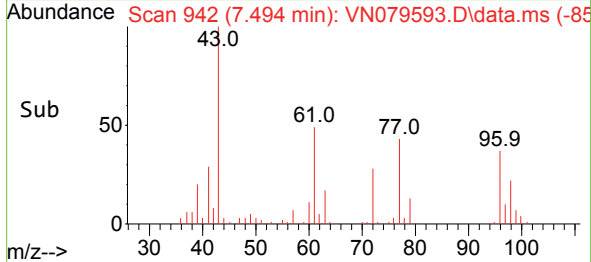
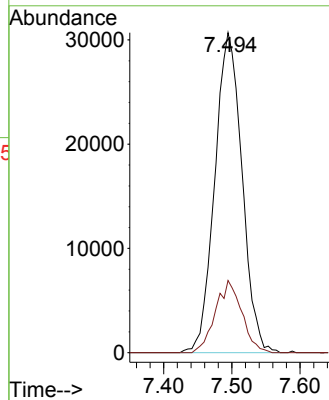
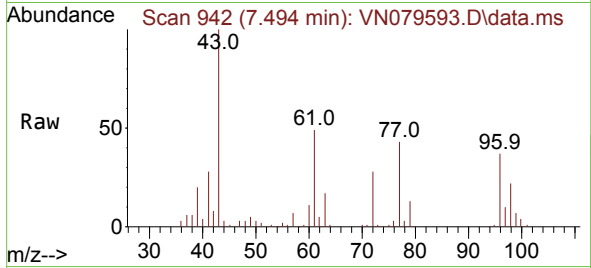




#31
2,2-Dichloropropane
Concen: 18.614 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

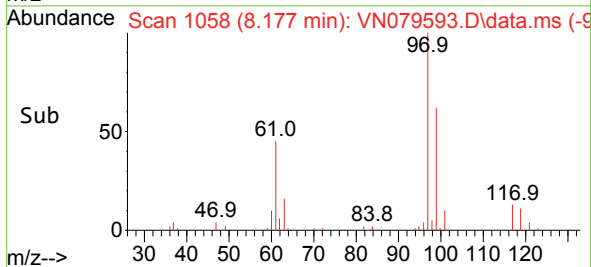
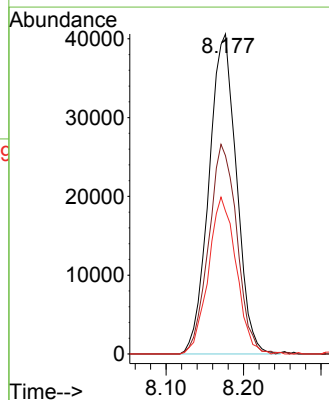
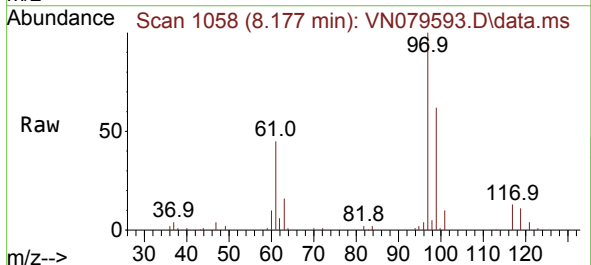
Instrument :
MSVOA_N
ClientSampleId :

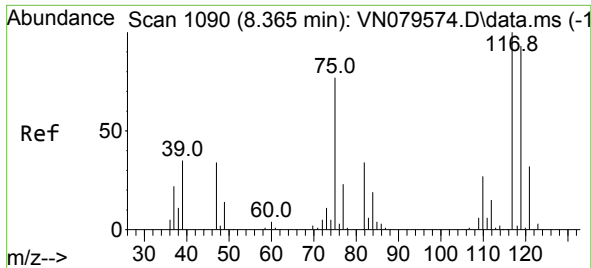
Tgt Ion: 77 Resp: 85356
Ion Ratio Lower Upper
77 100
97 21.8 17.9 26.9



#32
1,1,1-Trichloroethane
Concen: 20.756 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 97 Resp: 100331
Ion Ratio Lower Upper
97 100
99 66.8 51.9 77.9
61 49.4 37.6 56.4

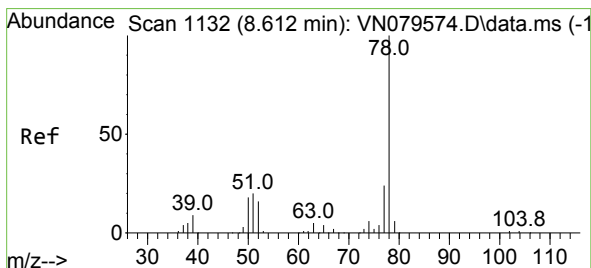
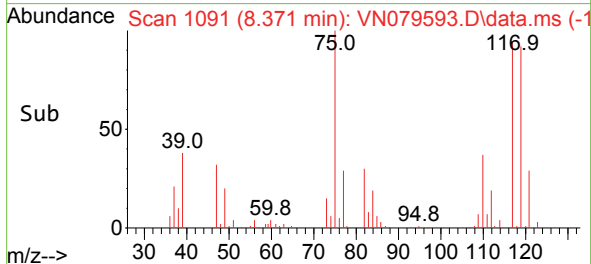
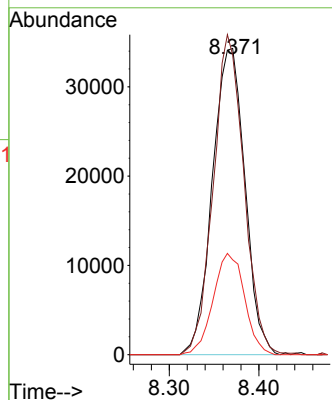
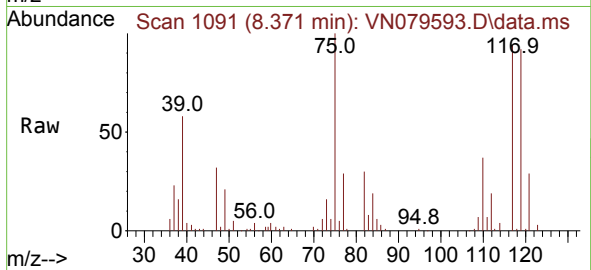




#33
Carbon Tetrachloride
Concen: 20.985 ug/l
RT: 8.371 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

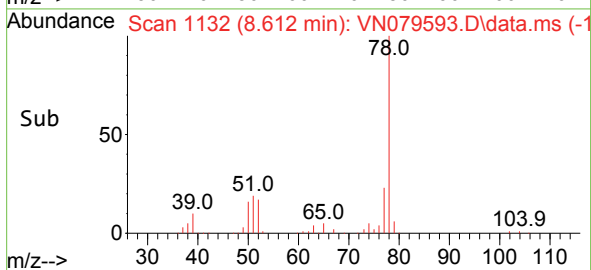
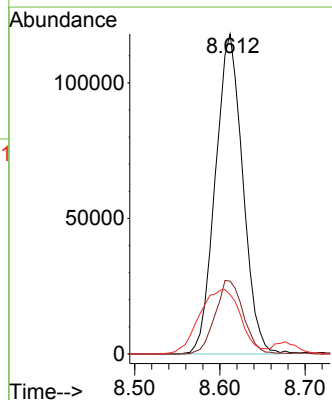
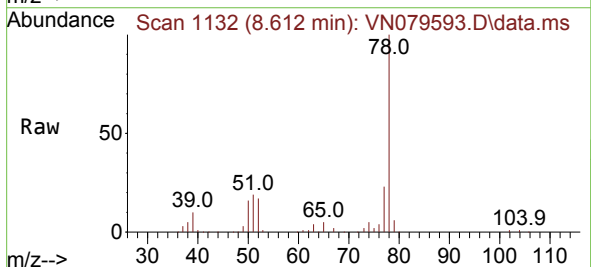
Instrument :
MSVOA_N
ClientSampleId :

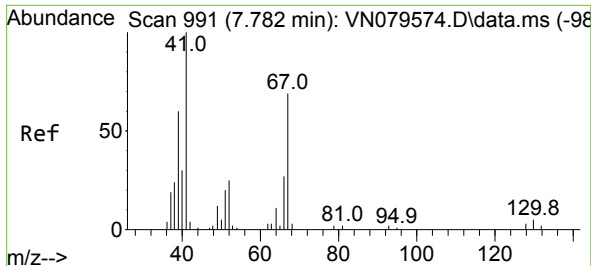
Tgt Ion:117 Resp: 86273
Ion Ratio Lower Upper
117 100
119 97.8 75.0 112.6
121 31.0 24.3 36.5



#34
Benzene
Concen: 21.278 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 78 Resp: 262923
Ion Ratio Lower Upper
78 100
77 22.7 19.7 29.5
51 16.7 15.8 23.6

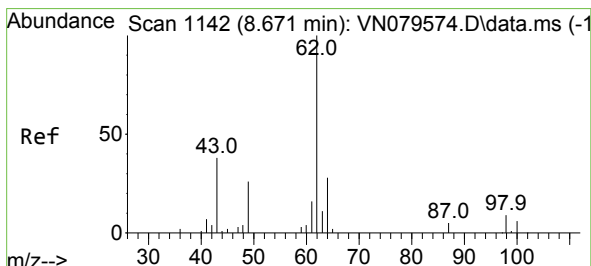
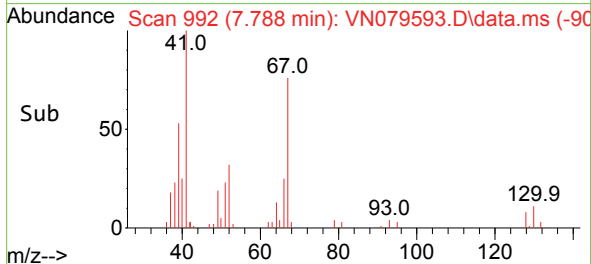
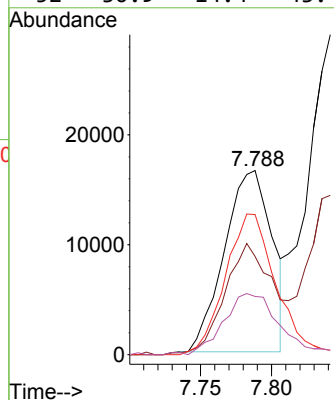
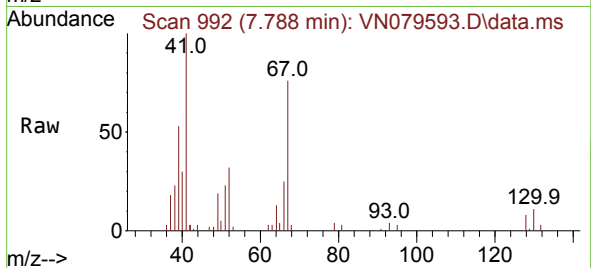




#35
Methacrylonitrile
Concen: 17.967 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

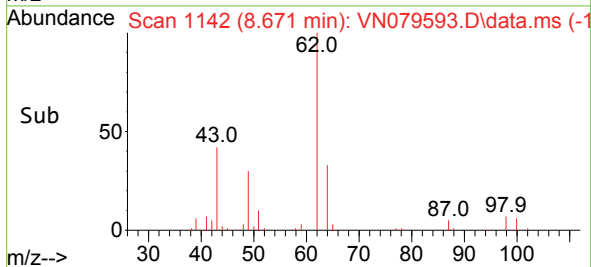
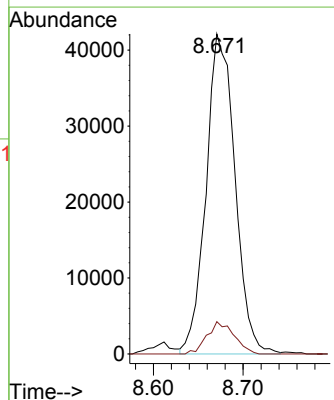
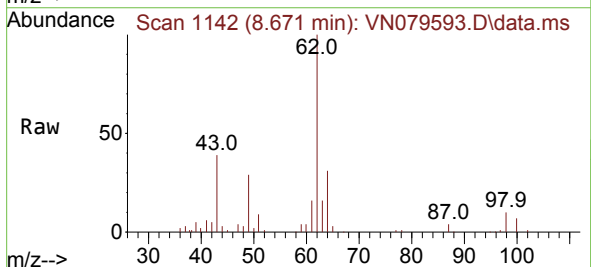
Instrument :
MSVOA_N
ClientSampleId :

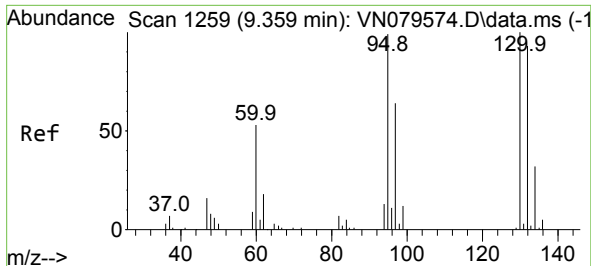
Tgt Ion:	41	Resp:	38530
Ion	Ratio	Lower	Upper
41	100		
39	53.2	26.3	78.8
67	77.3	37.5	112.3
52	30.9	14.4	43.4



#36
1,2-Dichloroethane
Concen: 21.406 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion:	62	Resp:	94441
Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.2	10.8

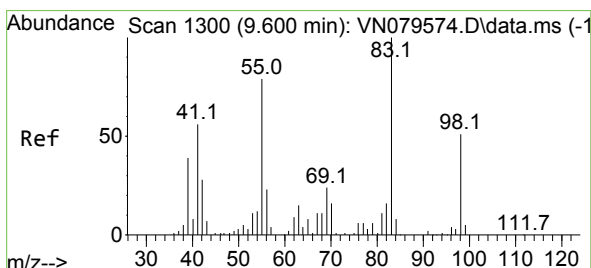
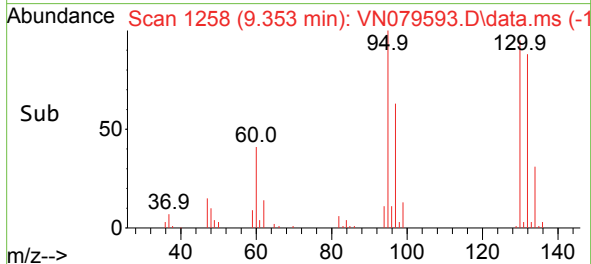
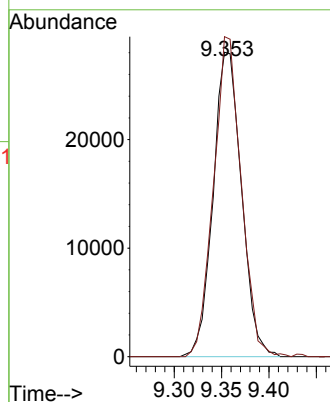
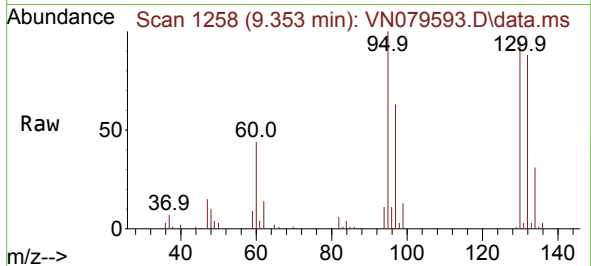




#37
Trichloroethene
Concen: 20.236 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

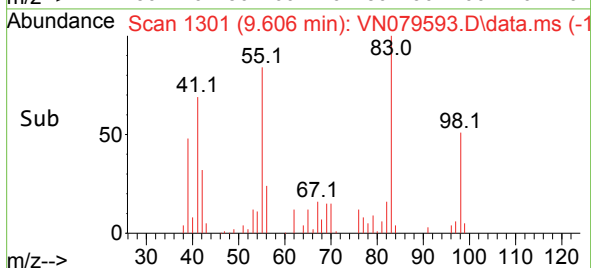
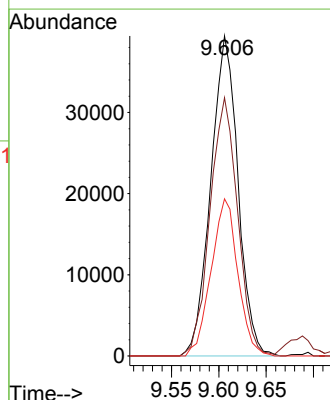
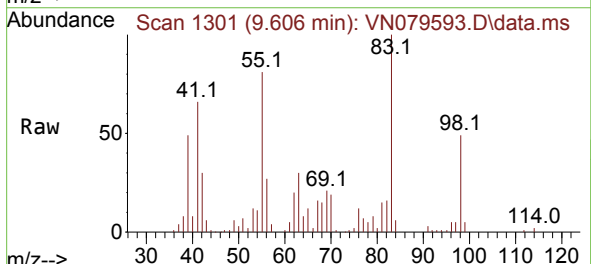
Instrument :
MSVOA_N
ClientSampleId :

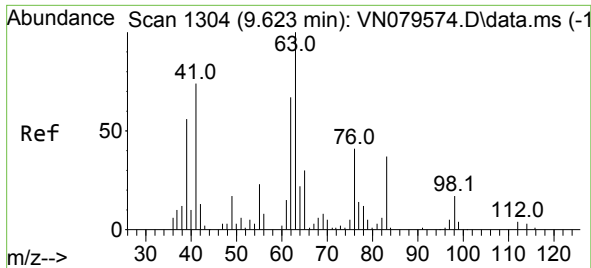
Tgt Ion:130 Resp: 58449
Ion Ratio Lower Upper
130 100
95 105.1 81.2 121.8



#38
Methylcyclohexane
Concen: 20.179 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 83 Resp: 79016
Ion Ratio Lower Upper
83 100
55 81.8 39.7 119.1
98 48.2 24.4 73.2





#39

1,2-Dichloropropane

Concen: 21.232 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

Instrument :

MSVOA_N

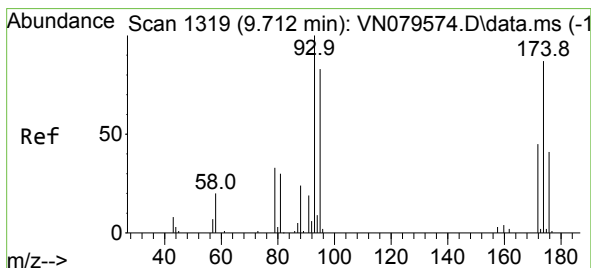
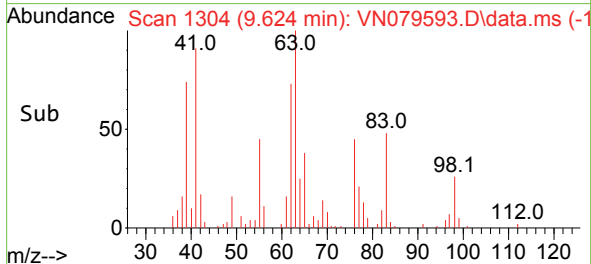
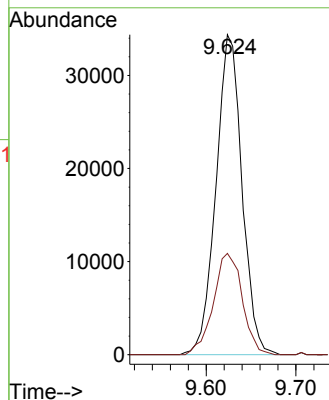
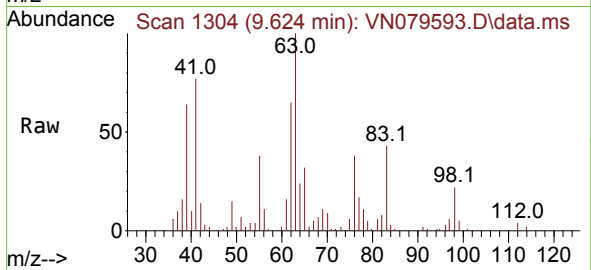
ClientSampleId :

Tgt Ion: 63 Resp: 69235

Ion Ratio Lower Upper

63 100

65 31.7 25.3 37.9



#40

Dibromomethane

Concen: 21.516 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

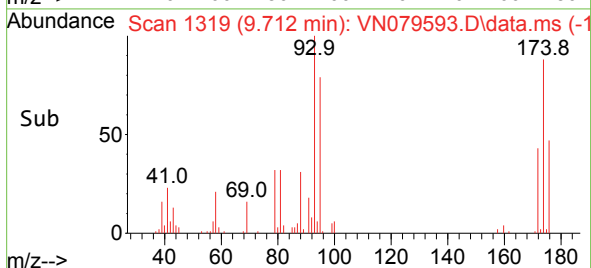
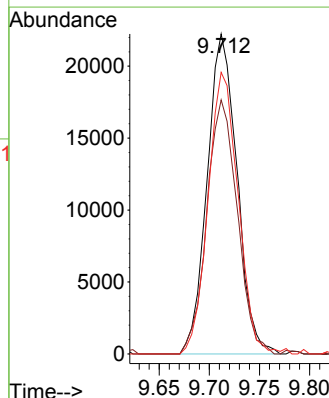
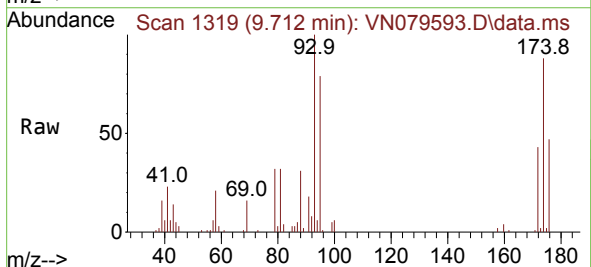
Tgt Ion: 93 Resp: 46045

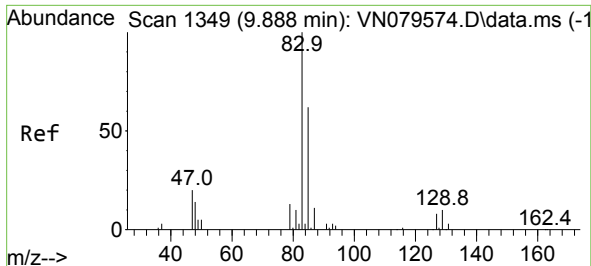
Ion Ratio Lower Upper

93 100

95 81.2 0.0 166.6

174 88.4 0.0 171.0

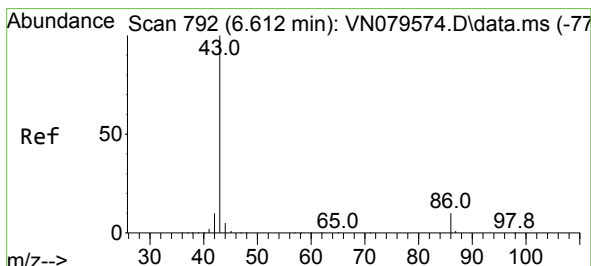
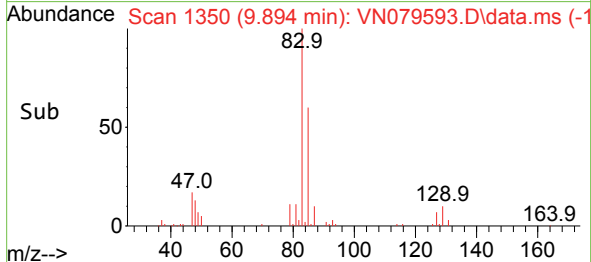
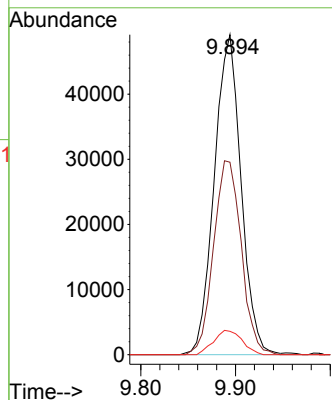
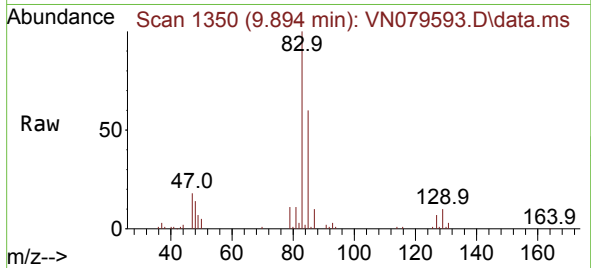




#41
Bromodichloromethane
Concen: 21.773 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

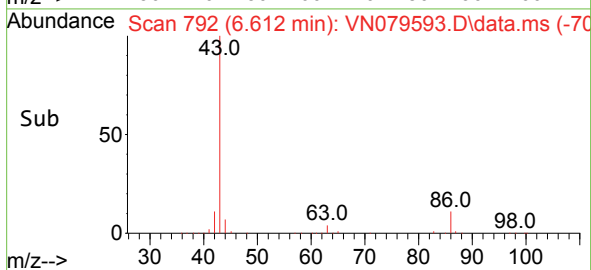
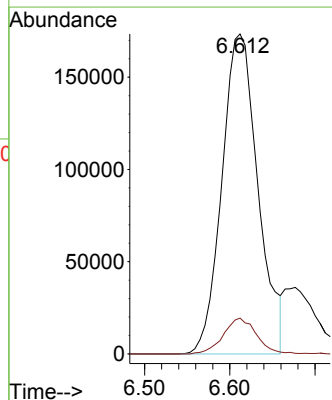
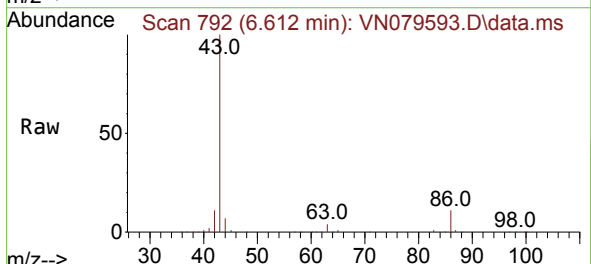
Instrument :
MSVOA_N
ClientSampleId :

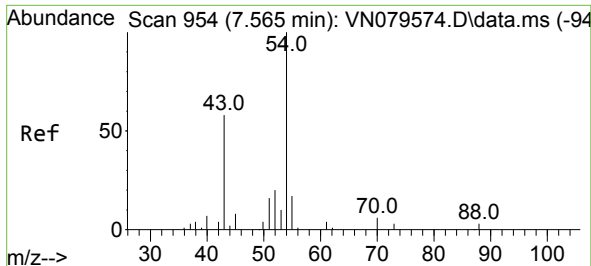
Tgt Ion: 83 Resp: 96562
Ion Ratio Lower Upper
83 100
85 60.2 50.3 75.5
127 7.3 6.8 10.2



#42
Vinyl Acetate
Concen: 98.906 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 43 Resp: 511483
Ion Ratio Lower Upper
43 100
86 10.3 8.2 12.2

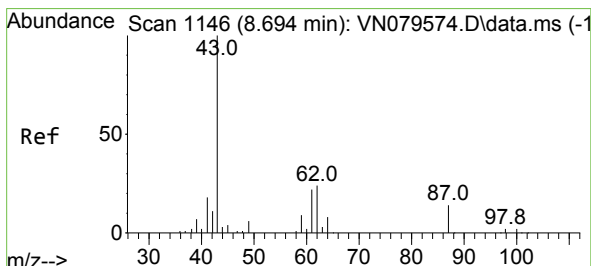
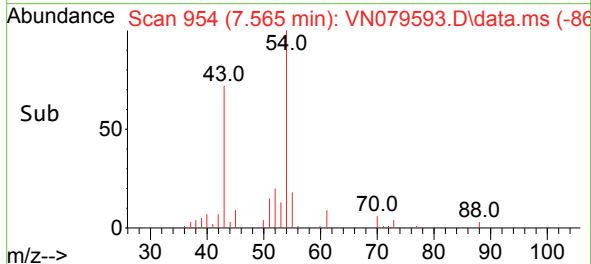
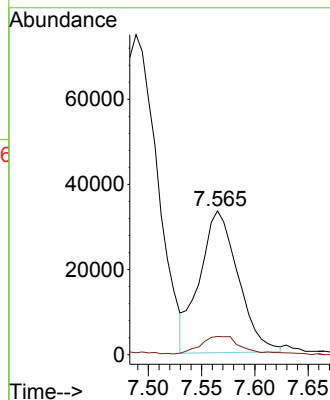
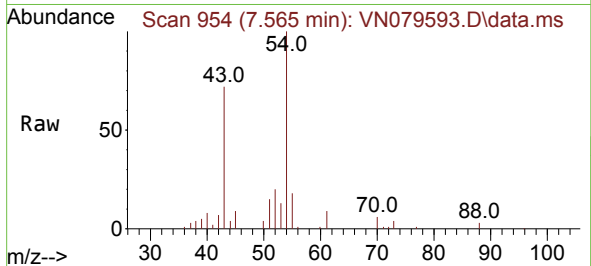




#43
Ethyl Acetate
Concen: 21.826 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

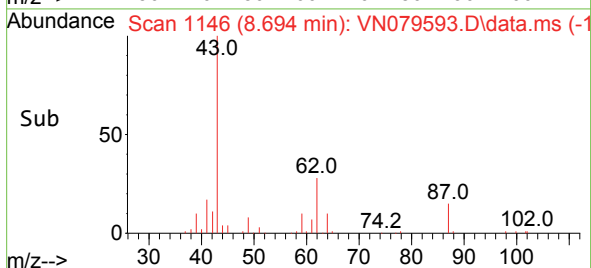
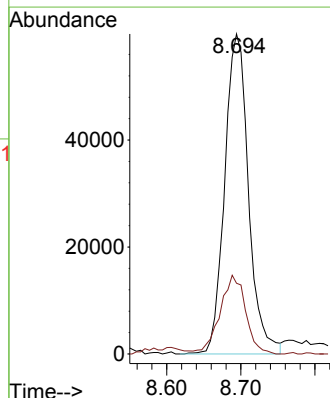
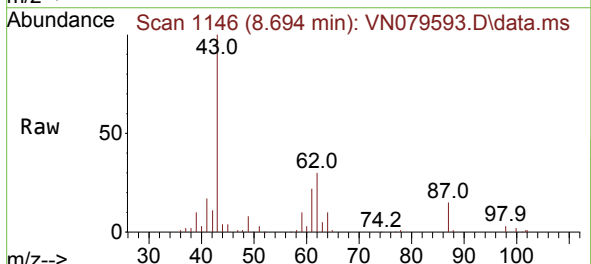
Instrument :
MSVOA_N
ClientSampleId :

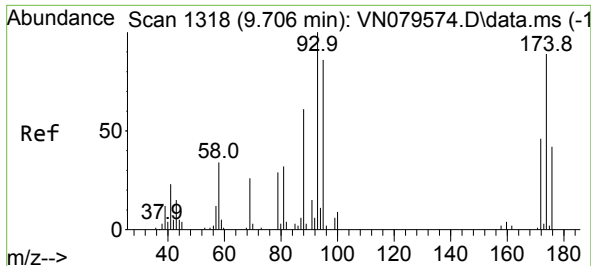
Tgt Ion: 43 Resp: 83669
Ion Ratio Lower Upper
43 100
45 7.9 11.8 17.8#



#44
Isopropyl Acetate
Concen: 19.585 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 43 Resp: 133460
Ion Ratio Lower Upper
43 100
61 26.4 20.3 30.5

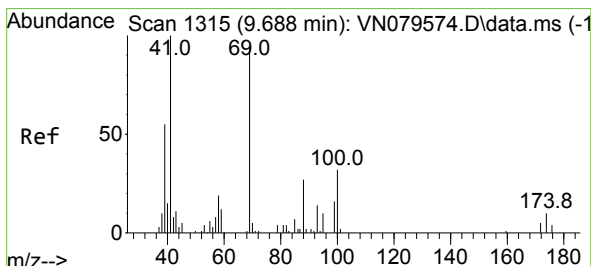
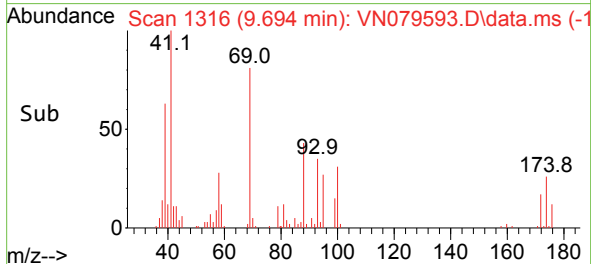
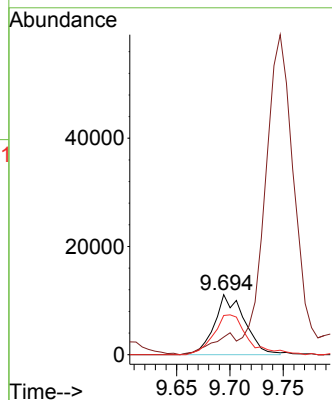
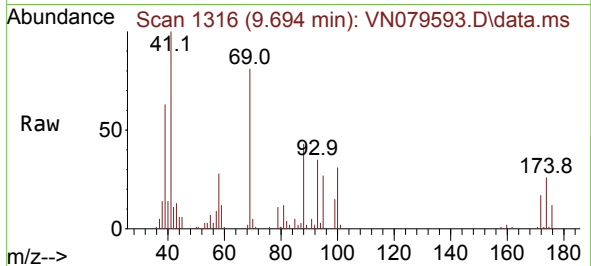




#45
1,4-Dioxane
Concen: 410.187 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.012 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

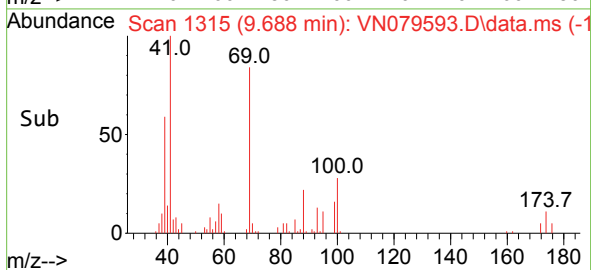
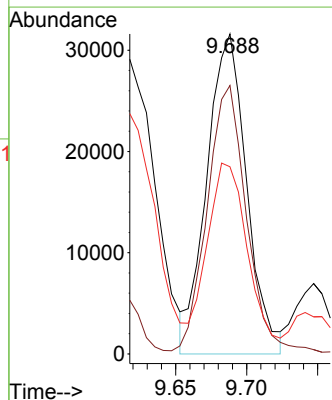
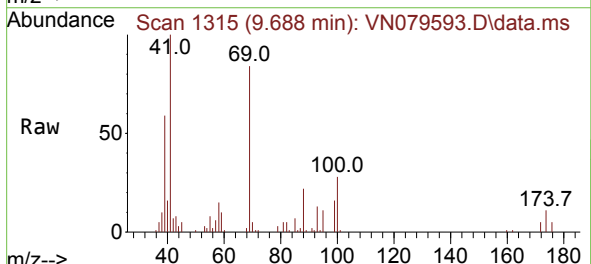
Instrument :
MSVOA_N
ClientSampleId :

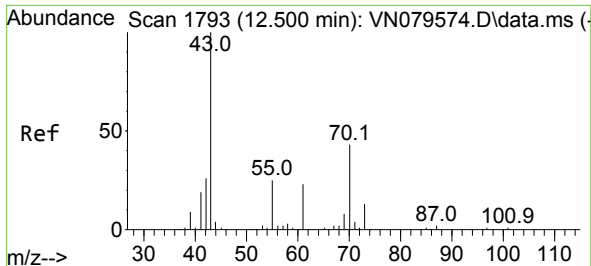
Tgt Ion: 88 Resp: 21880
Ion Ratio Lower Upper
88 100
43 28.5 28.7 43.1#
58 71.2 56.9 85.3



#46
Methyl methacrylate
Concen: 20.353 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 41 Resp: 61531
Ion Ratio Lower Upper
41 100
69 87.4 40.0 119.9
39 57.5 31.1 93.3

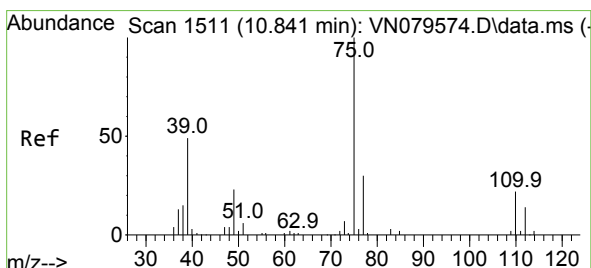
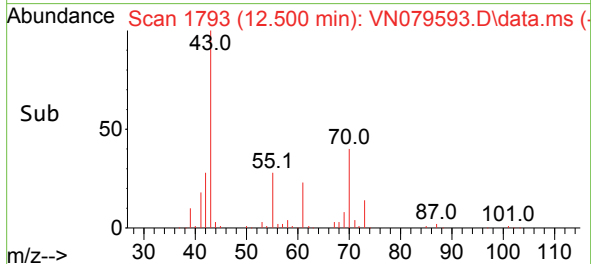
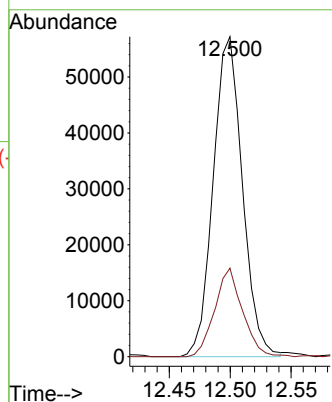
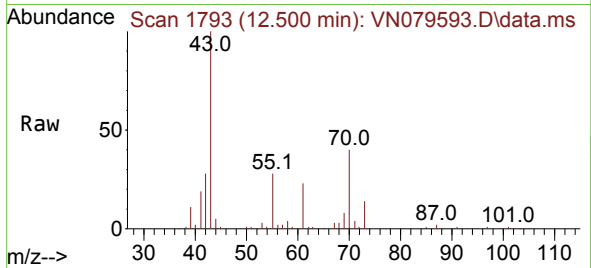




#47
n-amy1 Acetate
Concen: 19.395 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

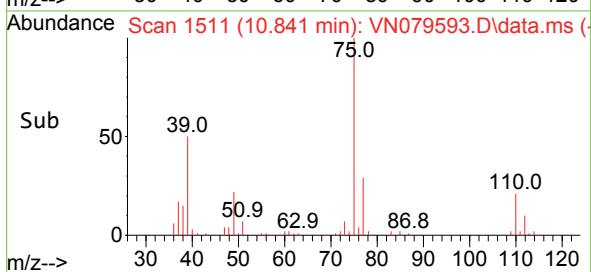
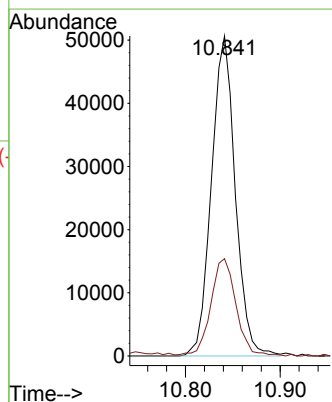
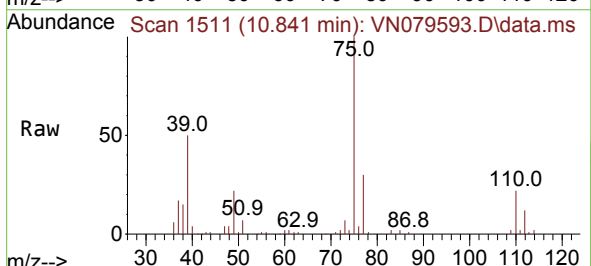
Instrument :
MSVOA_N
ClientSampleId :

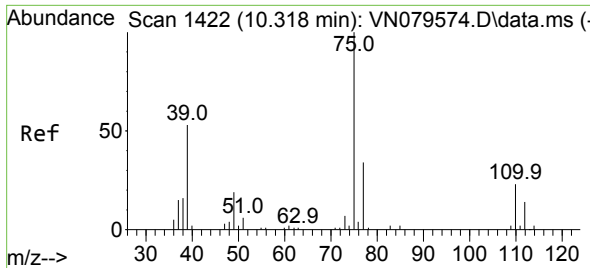
Tgt Ion: 43 Resp: 95384
Ion Ratio Lower Upper
43 100
55 26.4 20.7 31.1



#48
t-1,3-Dichloropropene
Concen: 19.732 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 75 Resp: 88464
Ion Ratio Lower Upper
75 100
77 30.1 25.6 38.4

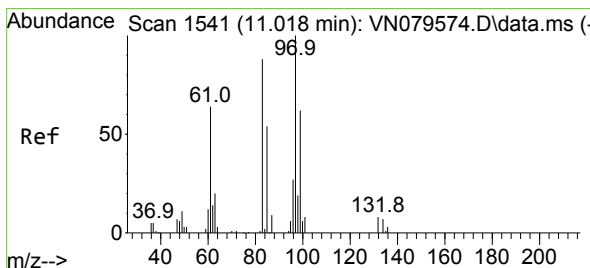
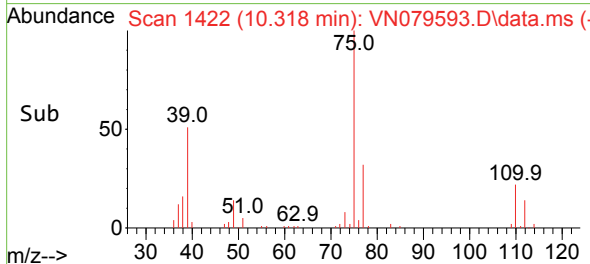
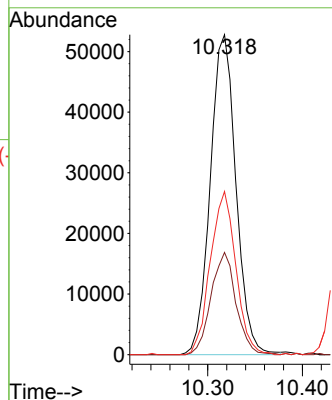
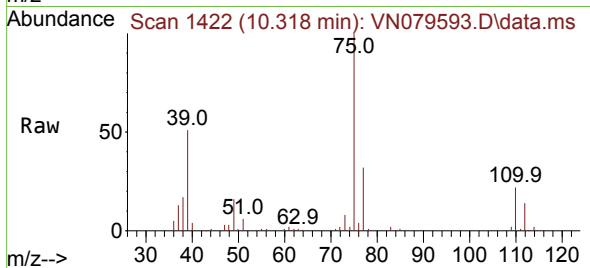




#49
 cis-1,3-Dichloropropene
 Concen: 20.307 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079593.D
 Acq: 17 Oct 2023 19:56

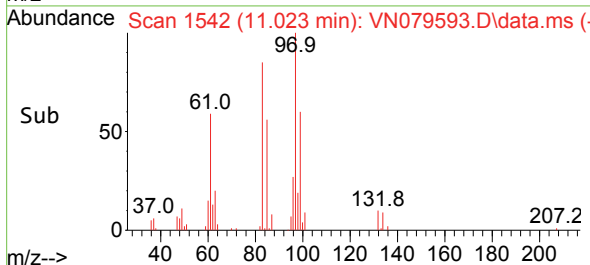
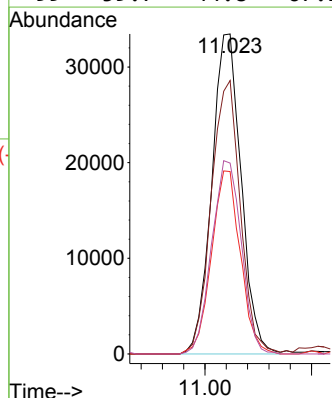
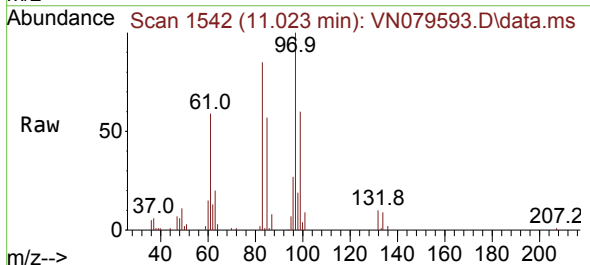
Instrument :
 MSVOA_N
 ClientSampleId :

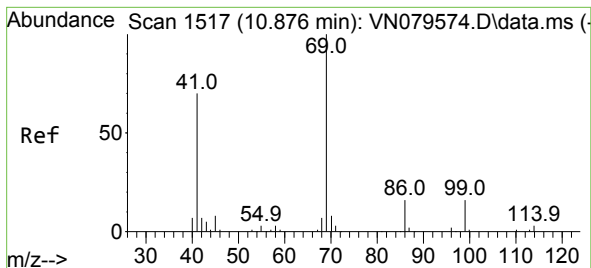
Tgt Ion: 75	Resp: 99555
Ion Ratio	Lower Upper
75 100	
77 32.0	25.8 38.6
39 51.0	42.4 63.6



#50
 1,1,2-Trichloroethane
 Concen: 21.532 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VN079593.D
 Acq: 17 Oct 2023 19:56

Tgt Ion: 97	Resp: 63922
Ion Ratio	Lower Upper
97 100	
83 85.4	68.2 102.4
85 57.0	42.9 64.3
99 59.7	44.8 67.2





#51

Ethyl methacrylate

Concen: 18.818 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

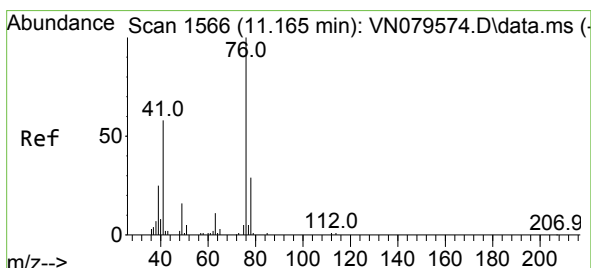
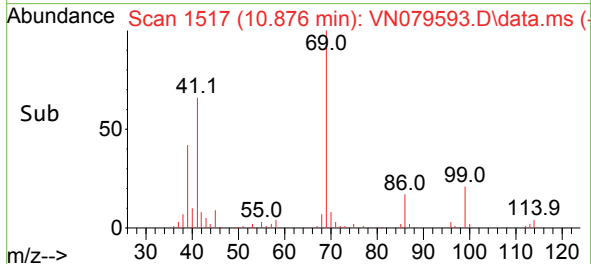
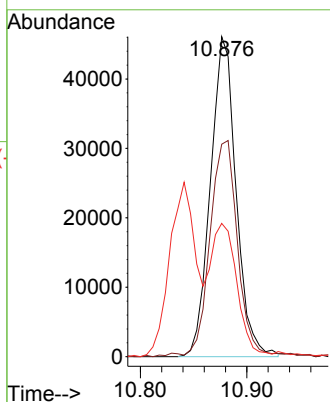
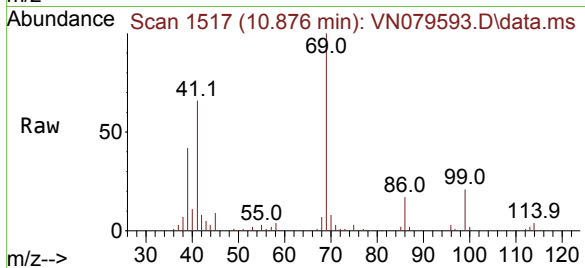
Tgt Ion: 69 Resp: 77079

Ion Ratio Lower Upper

69 100

41 65.5 33.8 101.3

39 40.1 21.3 63.9



#52

1,3-Dichloropropane

Concen: 20.869 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079593.D

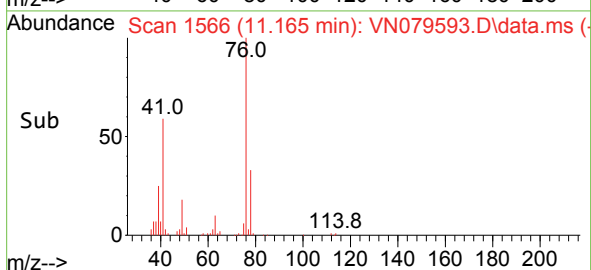
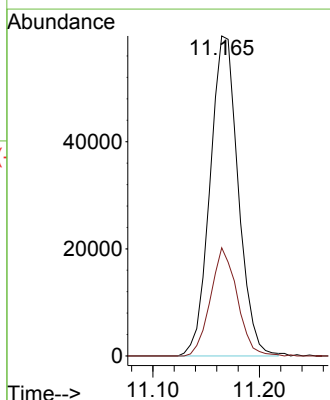
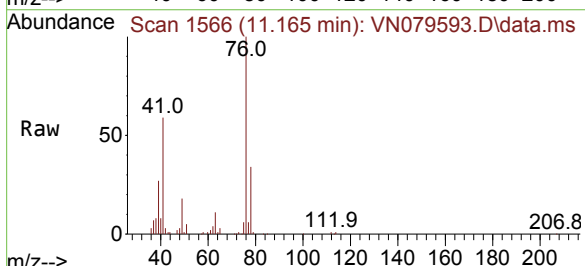
Acq: 17 Oct 2023 19:56

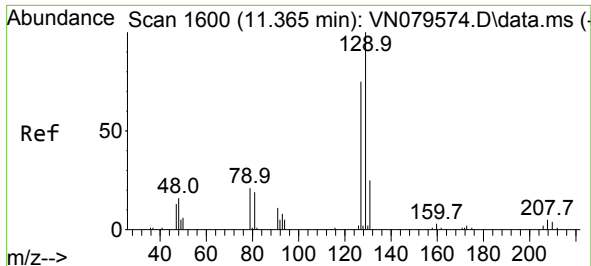
Tgt Ion: 76 Resp: 109757

Ion Ratio Lower Upper

76 100

78 32.0 0.0 64.0

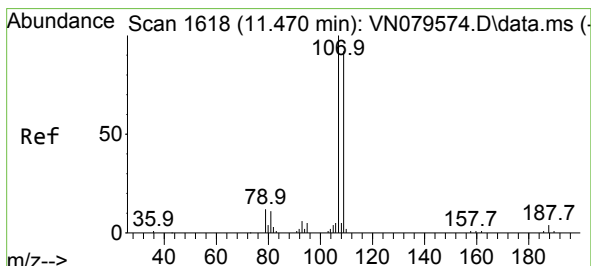
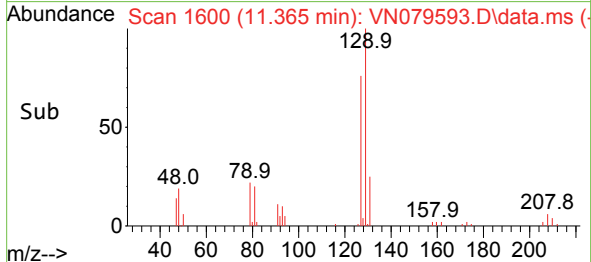
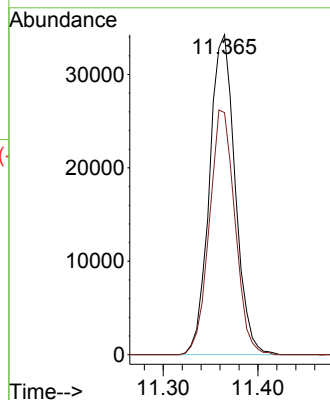
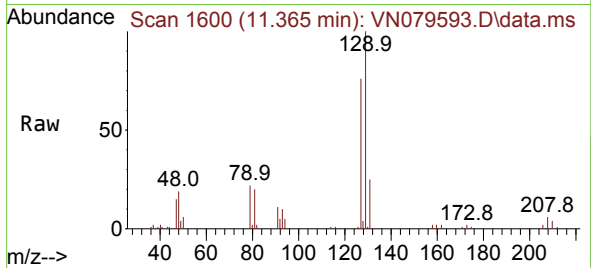




#53
Dibromochloromethane
Concen: 21.264 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

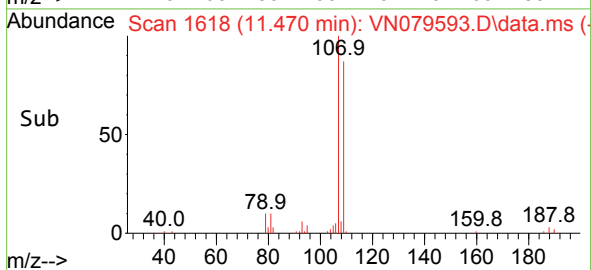
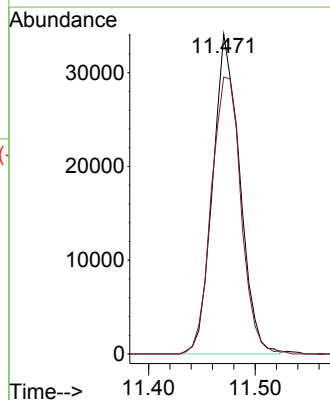
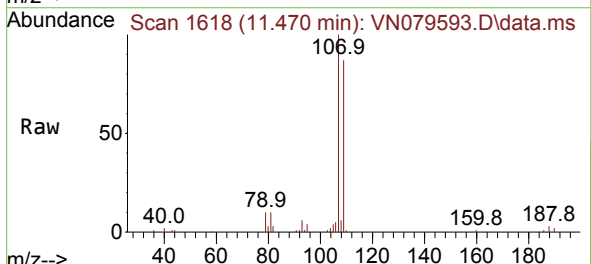
Instrument :
MSVOA_N
ClientSampleId :

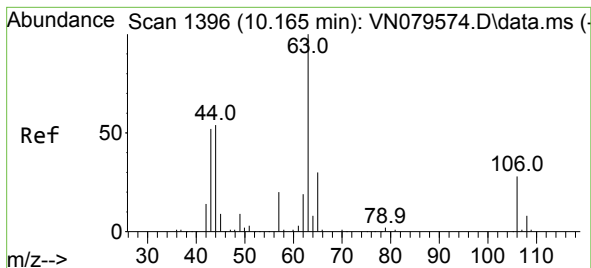
Tgt Ion:129 Resp: 64517
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.3



#54
1,2-Dibromoethane
Concen: 20.512 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion:107 Resp: 60077
Ion Ratio Lower Upper
107 100
109 95.1 73.2 109.8

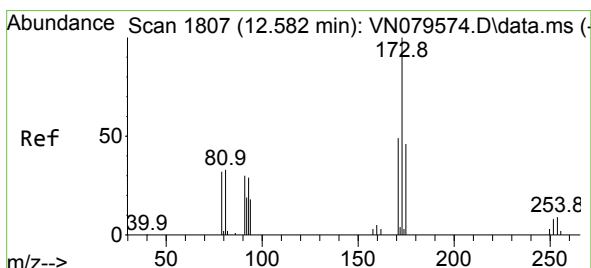
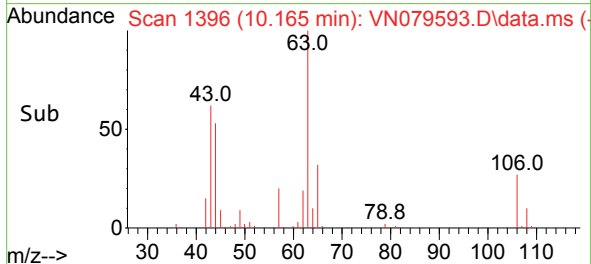
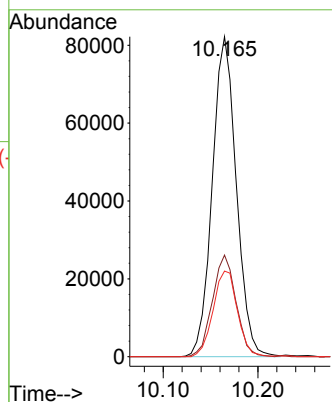
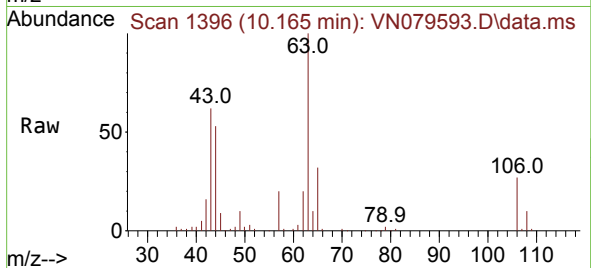




#55
2-Chloroethyl vinyl ether
Concen: 92.922 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

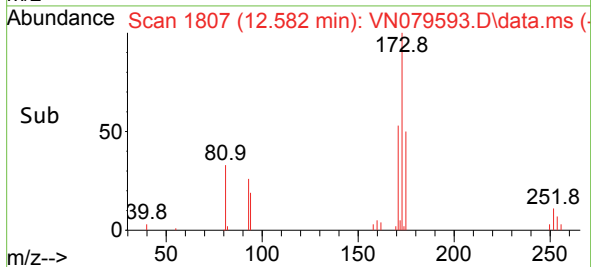
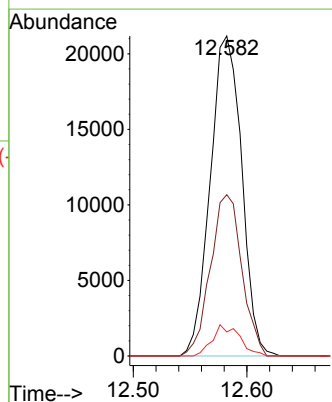
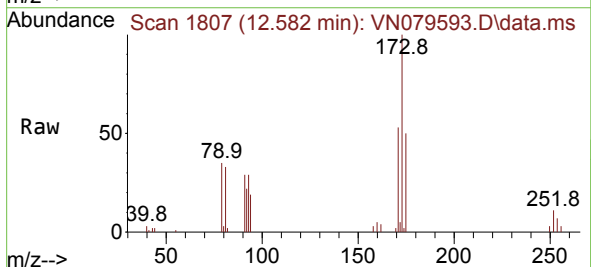
Instrument :
MSVOA_N
ClientSampleId :

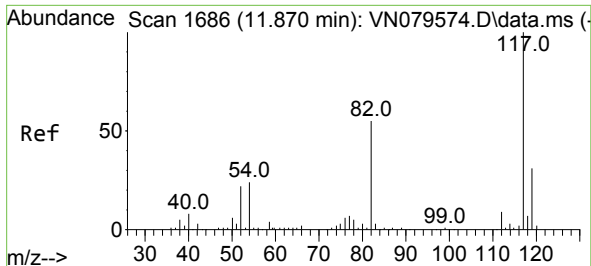
Tgt Ion: 63 Resp: 145212
Ion Ratio Lower Upper
63 100
65 31.2 25.9 38.9
106 27.1 20.6 30.8



#56
Bromoform
Concen: 20.283 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion:173 Resp: 40713
Ion Ratio Lower Upper
173 100
175 50.4 37.9 56.9
254 8.5 7.3 10.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

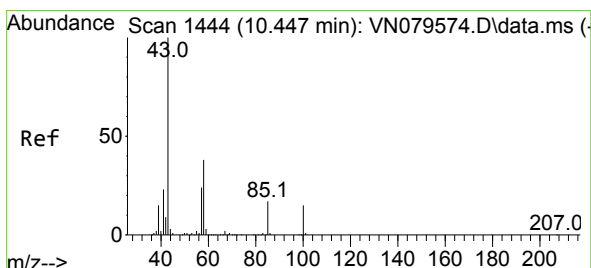
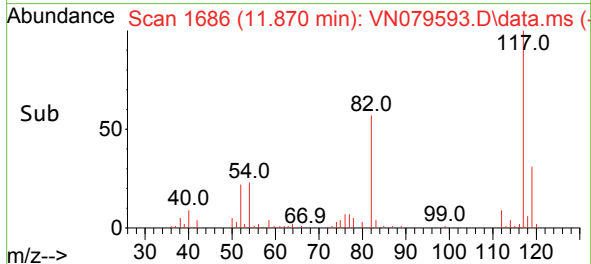
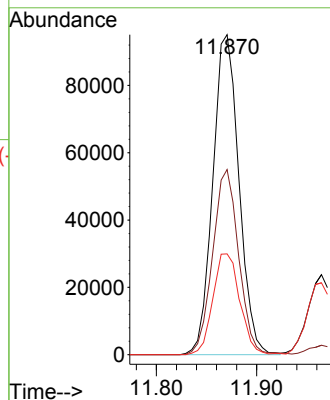
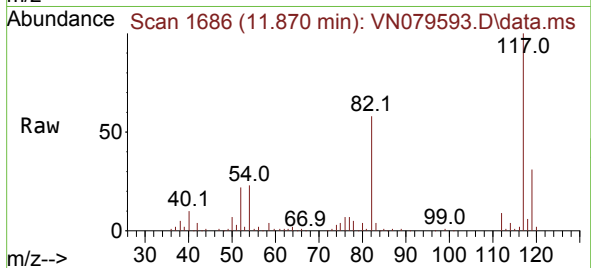
Tgt Ion:117 Resp: 171956

Ion Ratio Lower Upper

117 100

82 57.6 46.2 69.2

119 32.4 25.2 37.8



#58

4-Methyl-2-Pentanone

Concen: 102.868 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

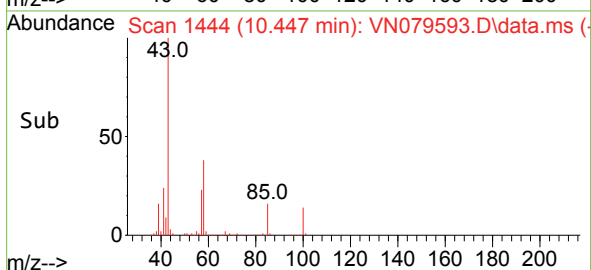
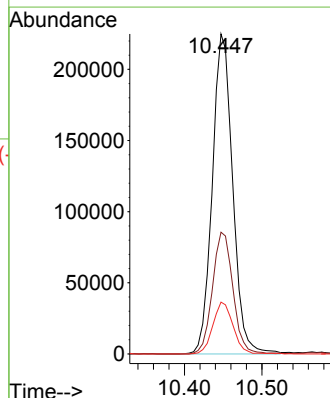
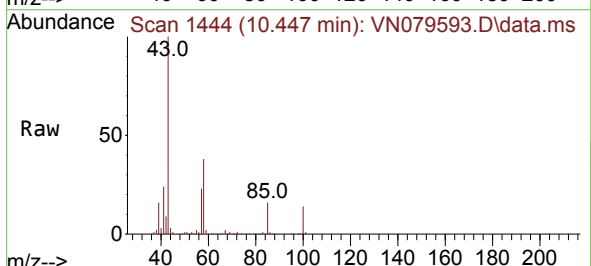
Tgt Ion: 43 Resp: 412585

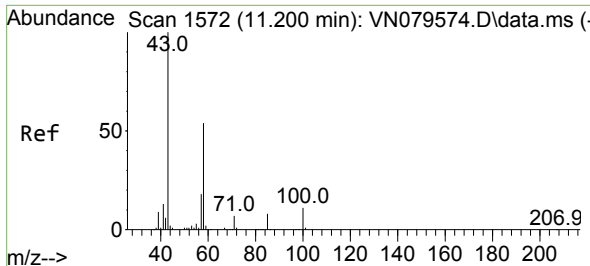
Ion Ratio Lower Upper

43 100

58 38.1 30.4 45.6

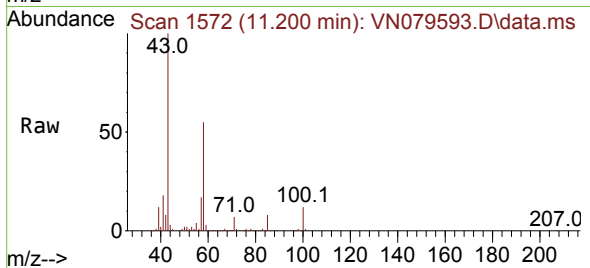
85 15.9 13.2 19.8



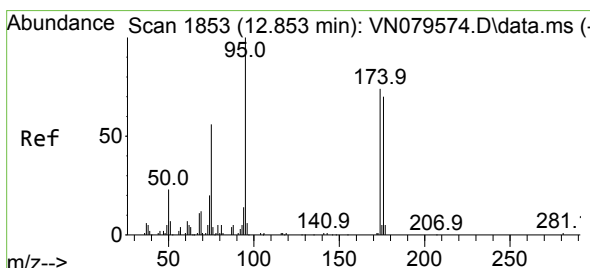
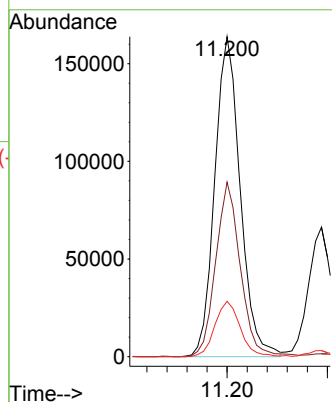
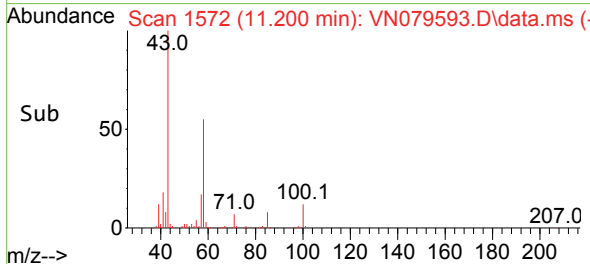


#59
2-Hexanone
Concen: 97.935 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Instrument :
MSVOA_N
ClientSampleId :

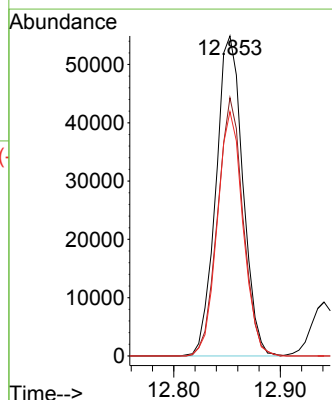
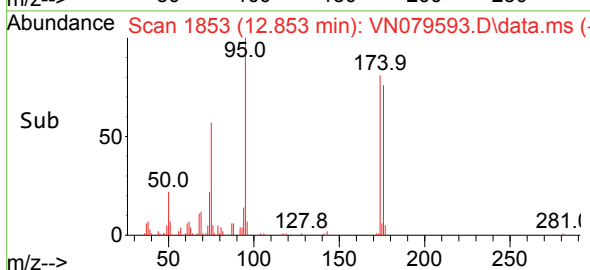
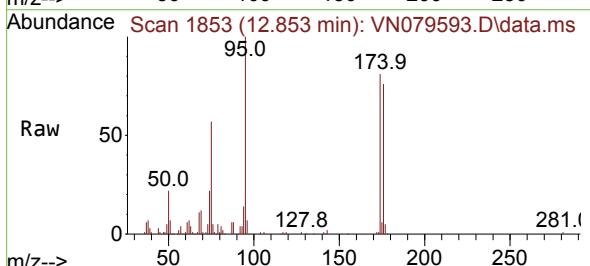


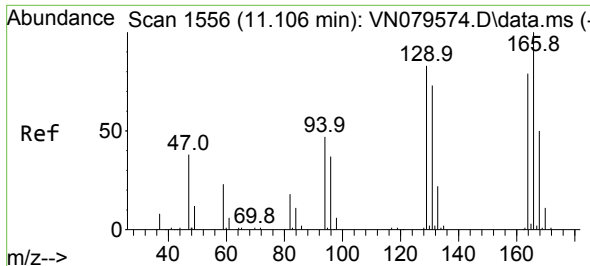
Tgt Ion: 43 Resp: 288170
Ion Ratio Lower Upper
43 100
58 52.8 42.3 63.5
57 17.2 13.9 20.9



#60
4-Bromofluorobenzene
Concen: 30.647 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

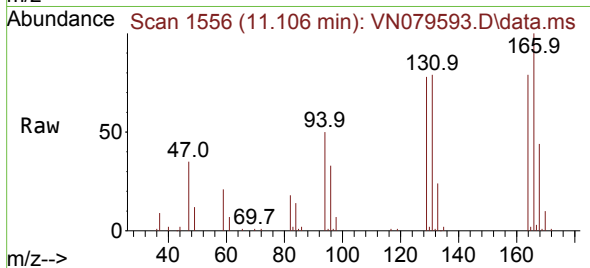
Tgt Ion: 95 Resp: 96371
Ion Ratio Lower Upper
95 100
174 76.3 60.5 90.7
176 72.9 57.2 85.8



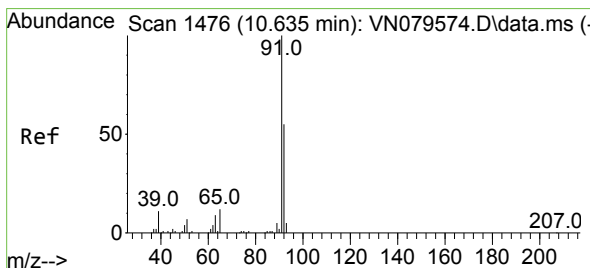
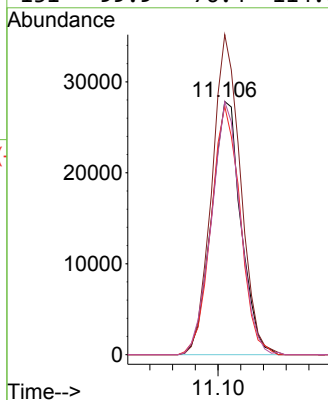
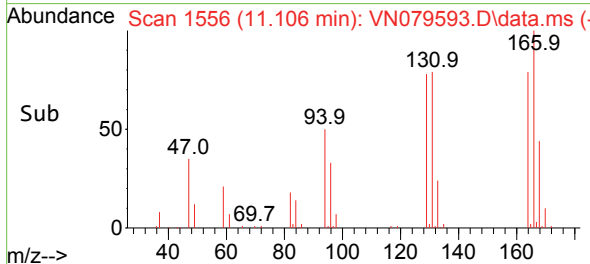


#61
Tetrachloroethene
Concen: 21.289 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

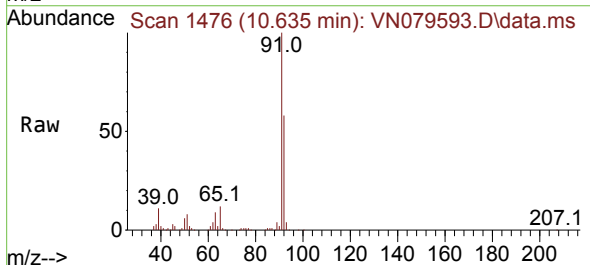
Instrument :
MSVOA_N
ClientSampleId :



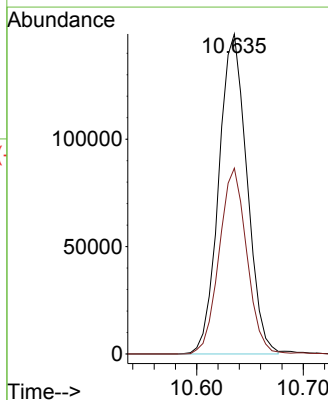
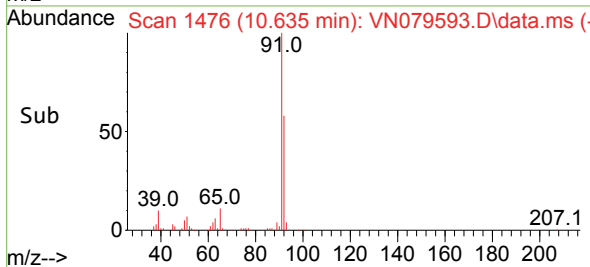
Tgt Ion:164 Resp: 50262
Ion Ratio Lower Upper
164 100
166 126.4 98.2 147.4
129 98.1 75.0 112.4
131 99.9 76.4 114.6

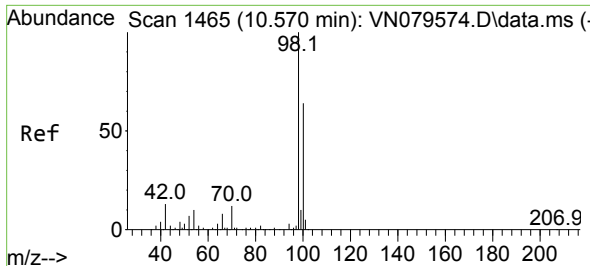


#62
Toluene
Concen: 20.793 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56



Tgt Ion: 91 Resp: 273260
Ion Ratio Lower Upper
91 100
92 56.8 45.3 67.9

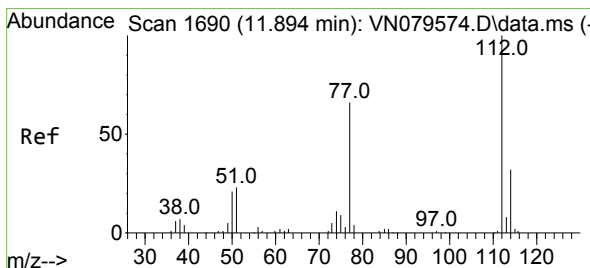
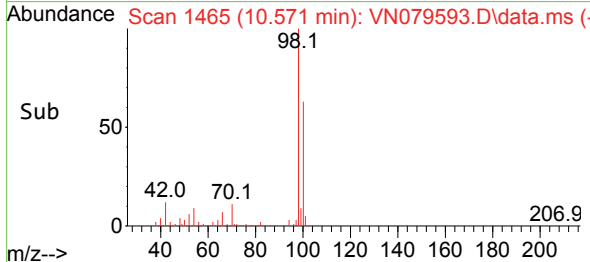
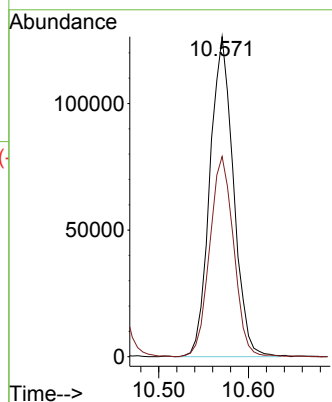
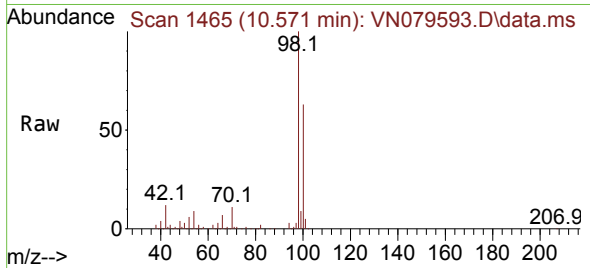




#63
Toluene-d8
Concen: 31.259 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

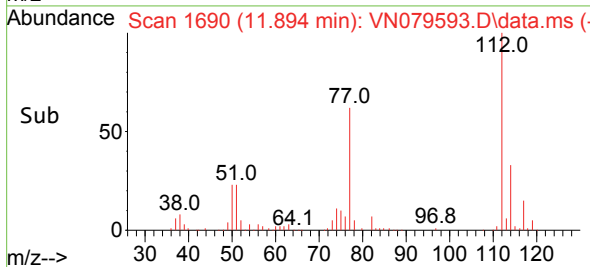
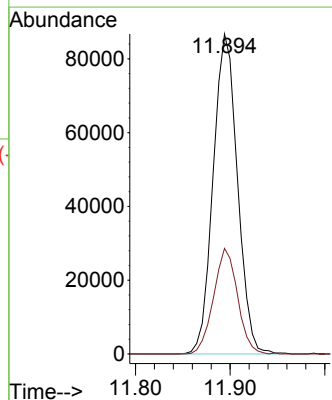
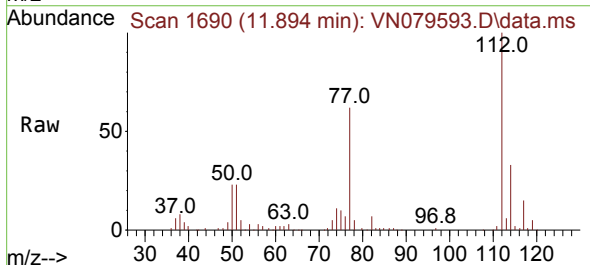
Instrument :
MSVOA_N
ClientSampleId :

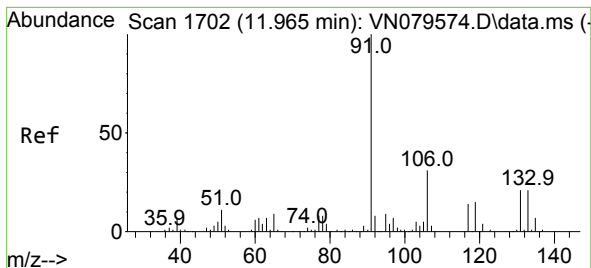
Tgt Ion: 98 Resp: 230328
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#64
Chlorobenzene
Concen: 20.317 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 112 Resp: 154857
Ion Ratio Lower Upper
112 100
114 33.0 28.1 42.1

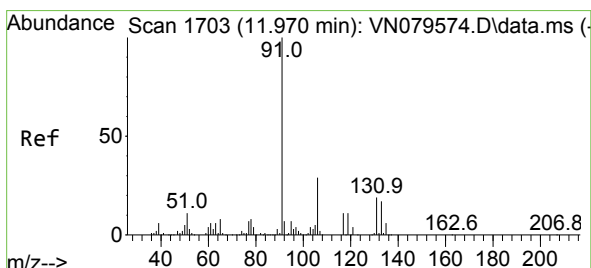
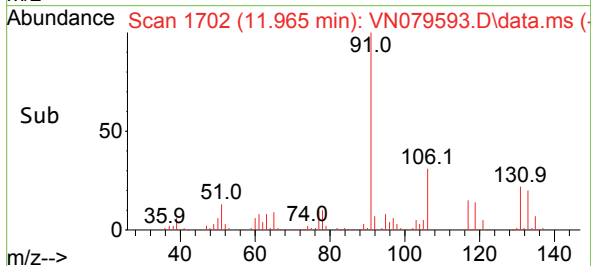
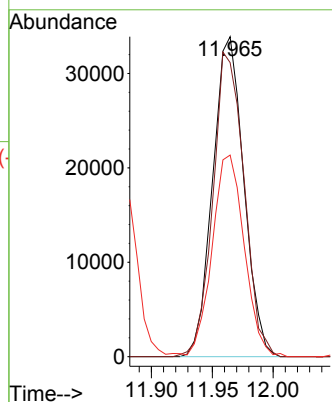
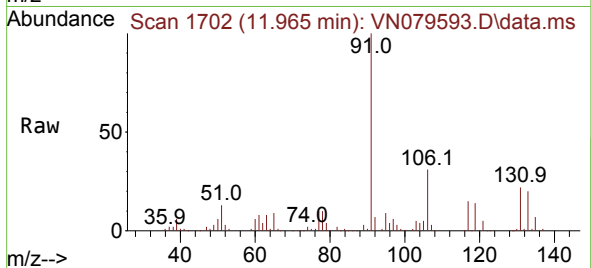




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.720 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN079593.D
 Acq: 17 Oct 2023 19:56

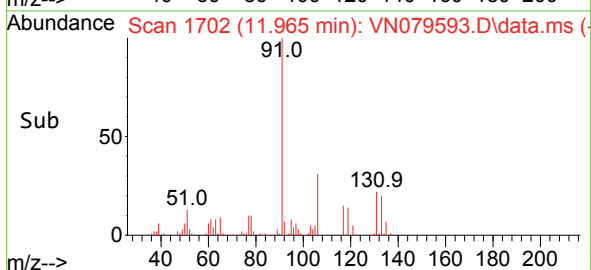
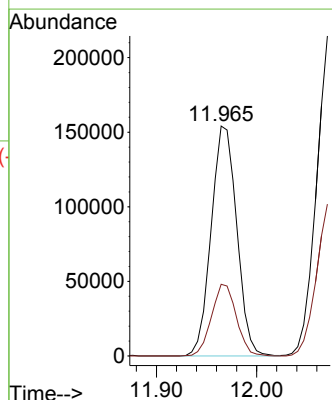
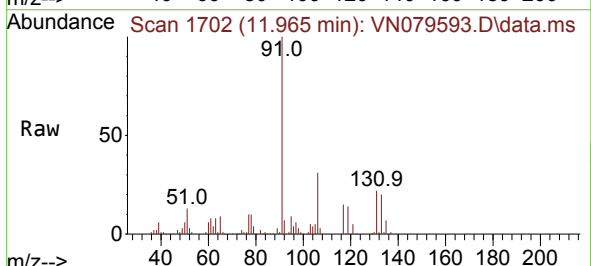
Instrument :
 MSVOA_N
 ClientSampleId :

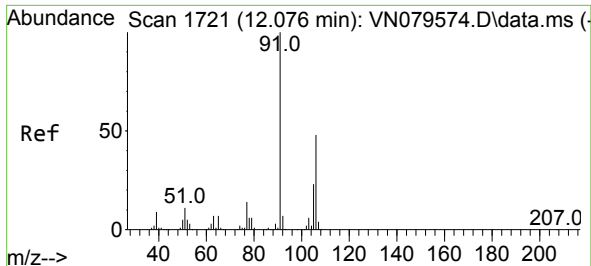
Tgt Ion:131 Resp: 60159
 Ion Ratio Lower Upper
 131 100
 133 95.4 0.0 196.0
 119 65.0 0.0 135.6



#66
 Ethyl Benzene
 Concen: 20.193 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.006 min
 Lab File: VN079593.D
 Acq: 17 Oct 2023 19:56

Tgt Ion: 91 Resp: 273425
 Ion Ratio Lower Upper
 91 100
 106 31.1 23.8 35.8

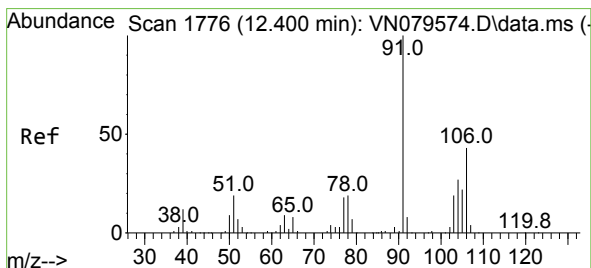
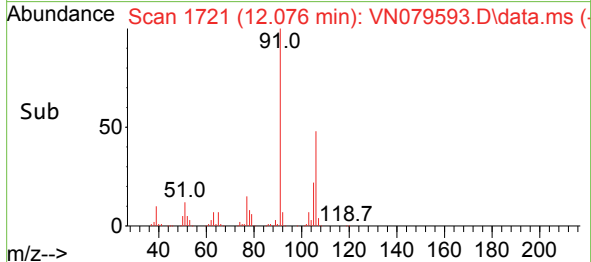
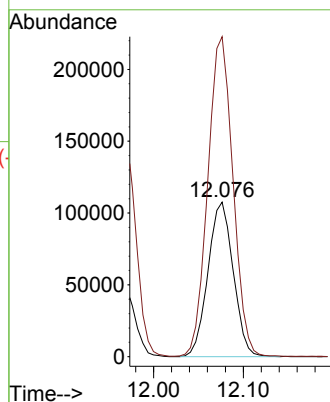
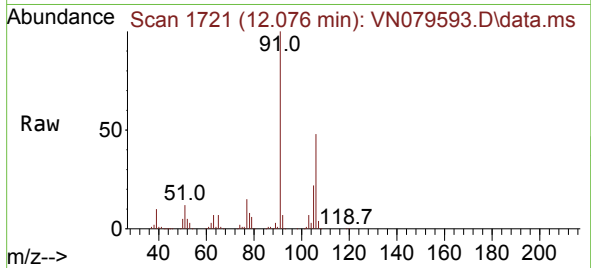




#67
m/p-Xylenes
Concen: 41.975 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

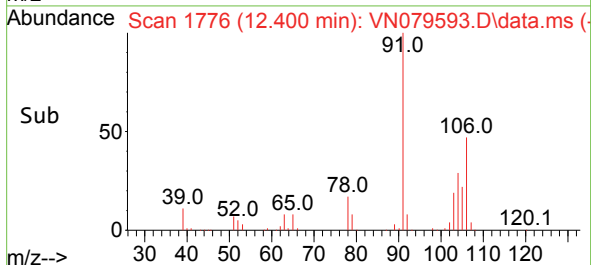
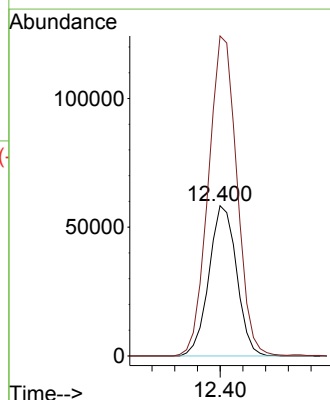
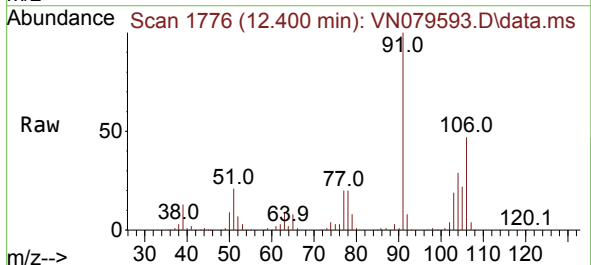
Instrument :
MSVOA_N
ClientSampleId :

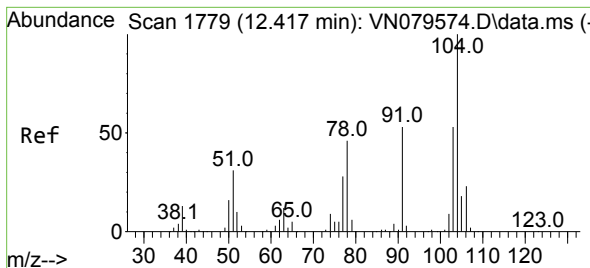
Tgt Ion:106 Resp: 210216
Ion Ratio Lower Upper
106 100
91 206.9 161.8 242.6



#68
o-Xylene
Concen: 20.601 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion:106 Resp: 98634
Ion Ratio Lower Upper
106 100
91 219.9 109.9 329.7





#69

Styrene

Concen: 20.882 ug/l

RT: 12.418 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

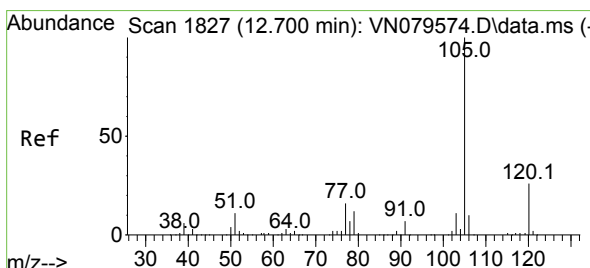
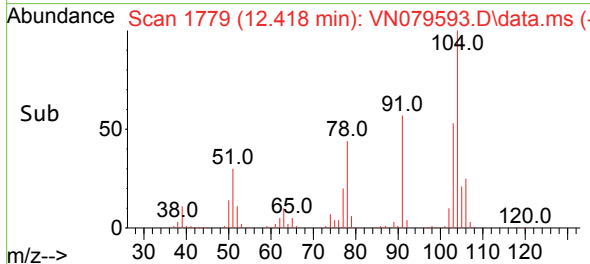
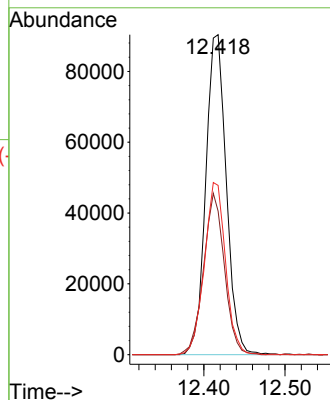
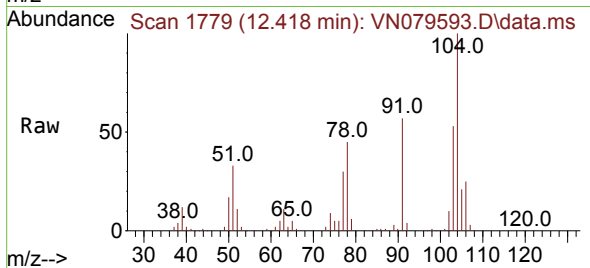
Tgt Ion:104 Resp: 158718

Ion Ratio Lower Upper

104 100

78 51.4 41.2 61.8

103 55.5 43.1 64.7



#70

Isopropylbenzene

Concen: 20.733 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079593.D

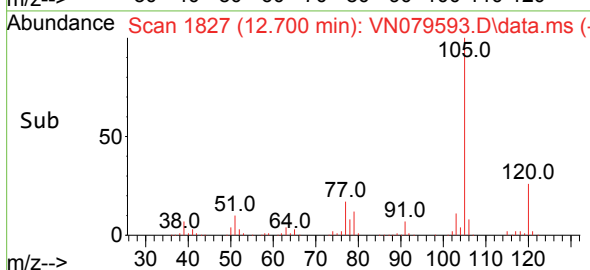
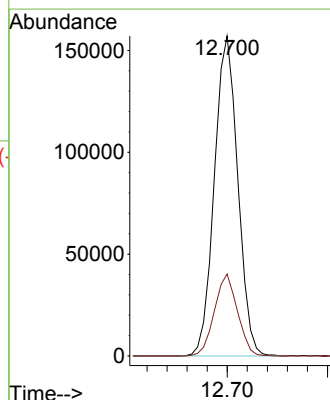
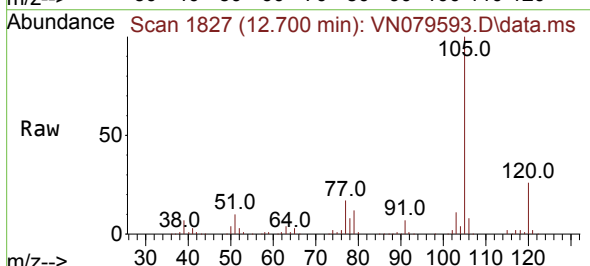
Acq: 17 Oct 2023 19:56

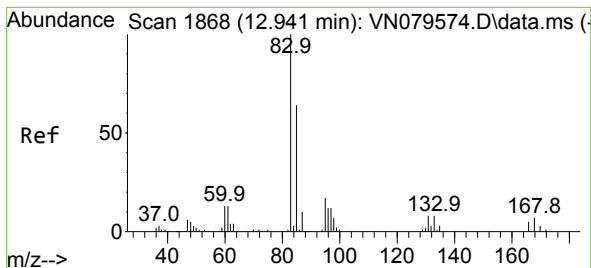
Tgt Ion:105 Resp: 254742

Ion Ratio Lower Upper

105 100

120 25.2 18.1 33.5

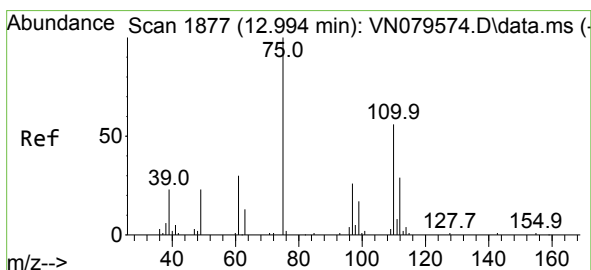
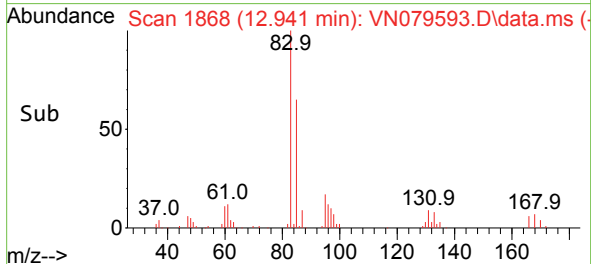
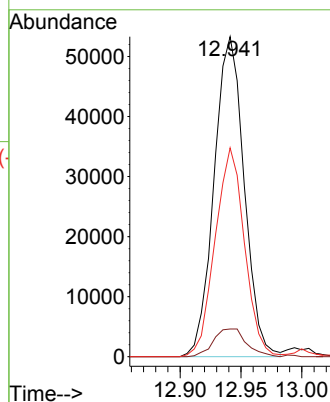
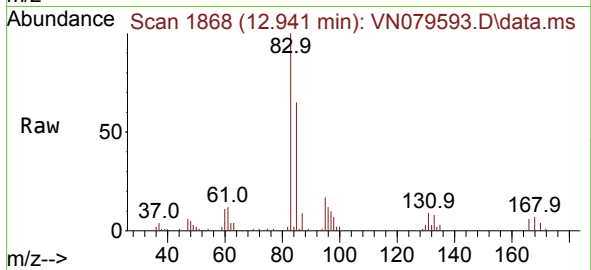




#71
1,1,2,2-Tetrachloroethane
Concen: 20.966 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

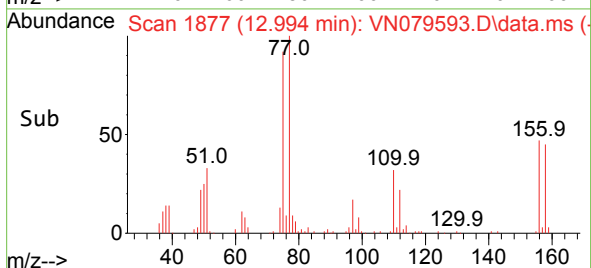
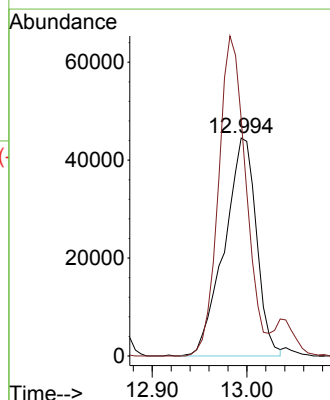
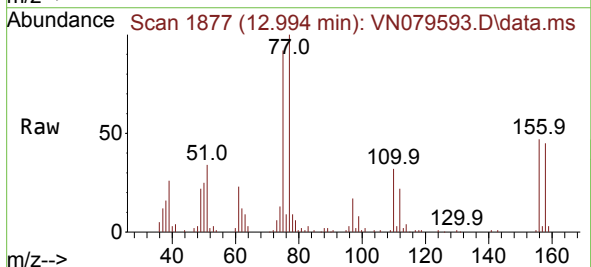
Instrument :
MSVOA_N
ClientSampleId :

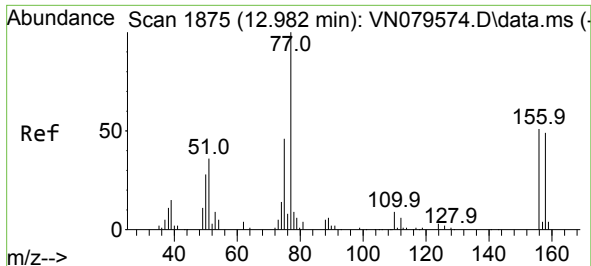
Tgt Ion:	83	Resp:	91599
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.5	13.4
85	63.7	32.1	96.3



#72
1,2,3-Trichloropropane
Concen: 26.374 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion:	75	Resp:	104637
Ion Ratio	Lower	Upper	
75	100		
77	126.2	0.0	338.2

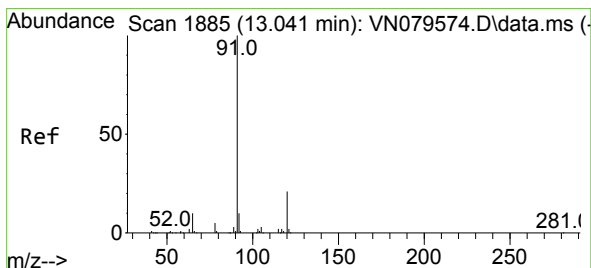
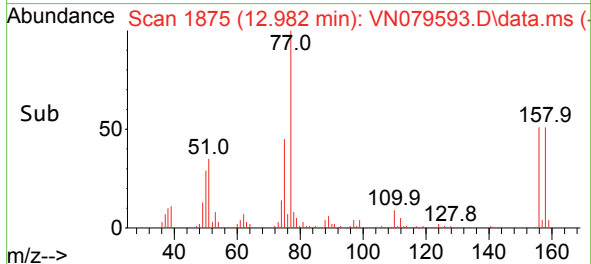
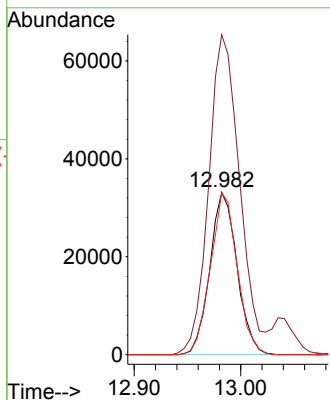
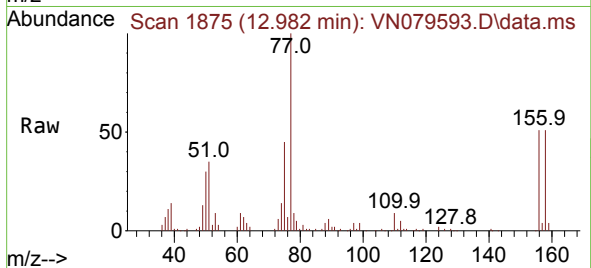




#73
Bromobenzene
Concen: 20.341 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

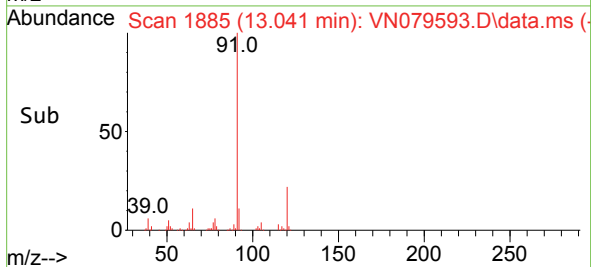
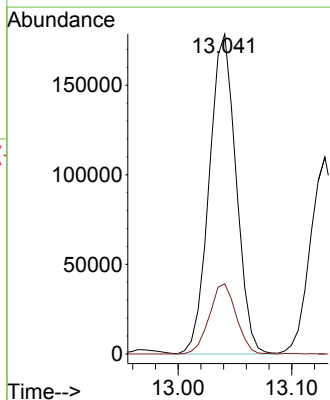
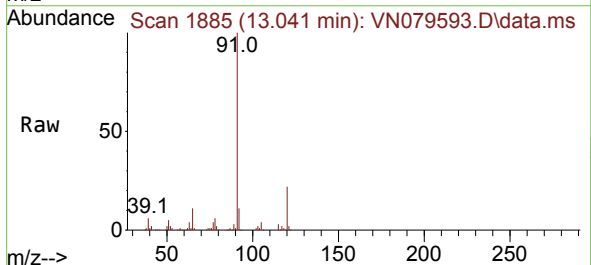
Instrument :
MSVOA_N
ClientSampleId :

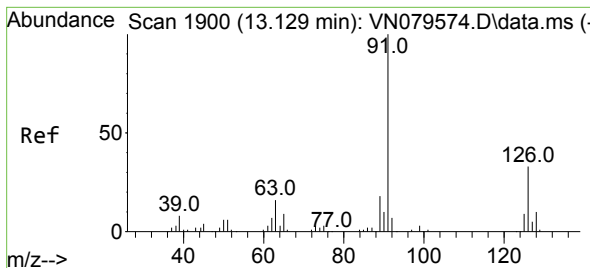
Tgt Ion:156 Resp: 58712
Ion Ratio Lower Upper
156 100
77 224.9 0.0 448.2
158 98.6 0.0 194.8



#74
n-propylbenzene
Concen: 20.520 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 91 Resp: 293534
Ion Ratio Lower Upper
91 100
120 21.9 0.0 42.0





#75

2-Chlorotoluene

Concen: 20.886 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

Instrument :

MSVOA_N

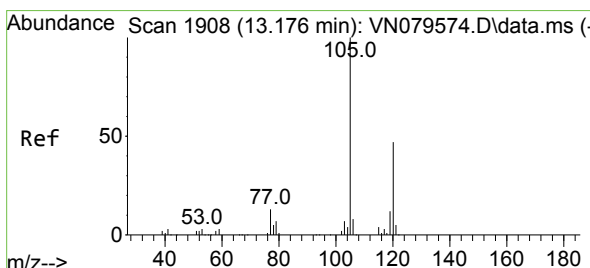
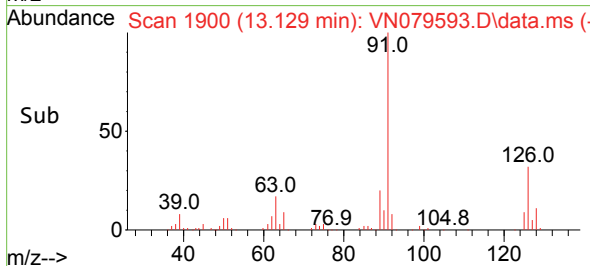
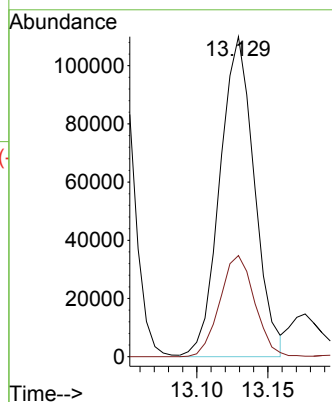
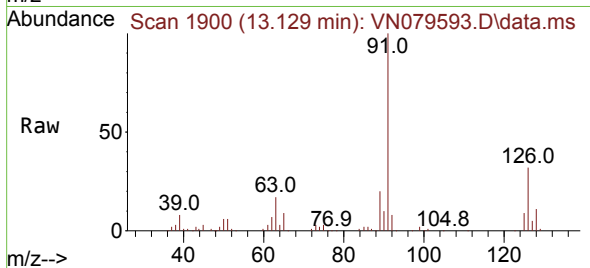
ClientSampleId :

Tgt Ion: 91 Resp: 185741

Ion Ratio Lower Upper

91 100

126 31.9 0.0 64.6



#76

1,3,5-Trimethylbenzene

Concen: 20.986 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079593.D

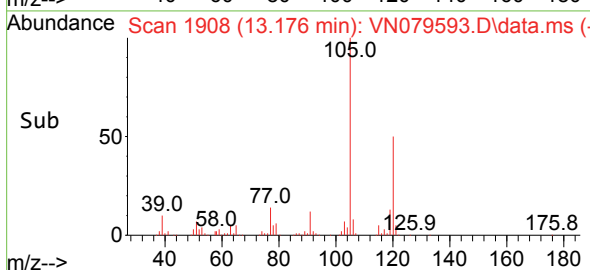
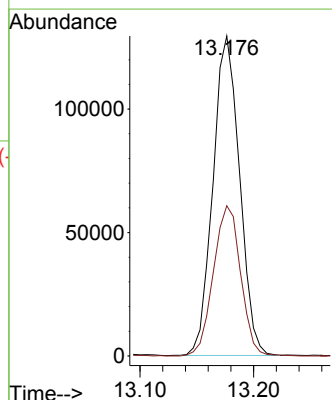
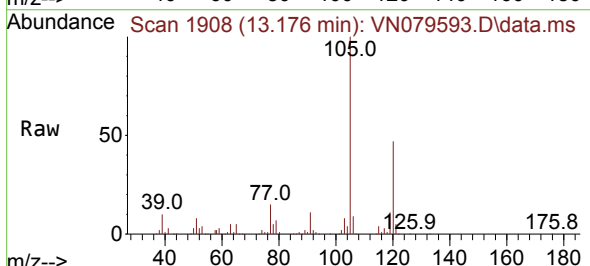
Acq: 17 Oct 2023 19:56

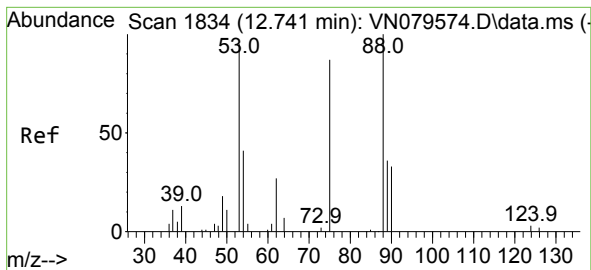
Tgt Ion:105 Resp: 210786

Ion Ratio Lower Upper

105 100

120 48.1 0.0 93.2

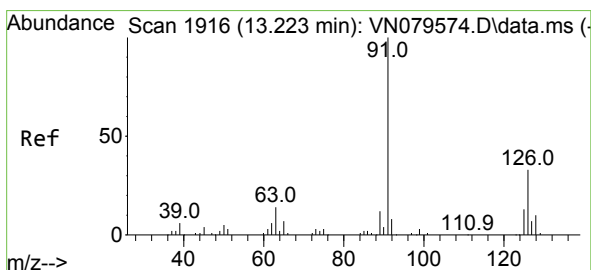
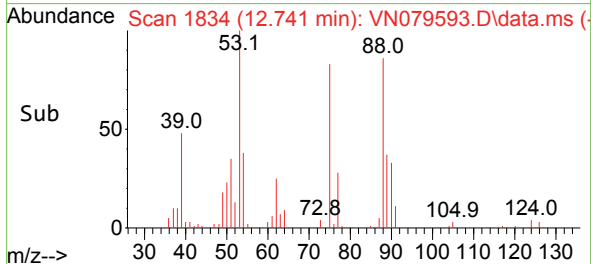
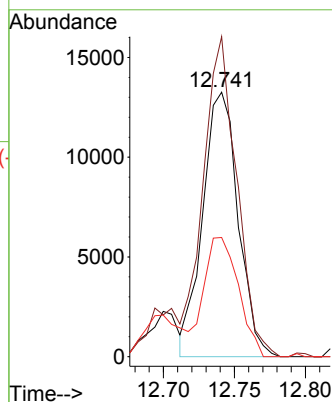
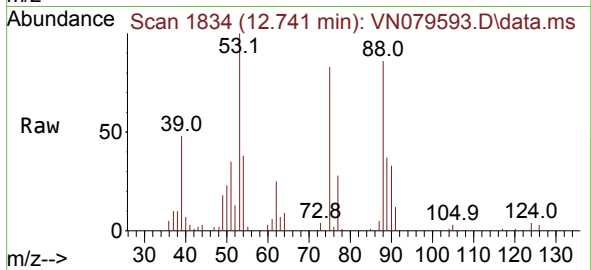




#77
t-1,4-Dichloro-2-butene
Concen: 18.975 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

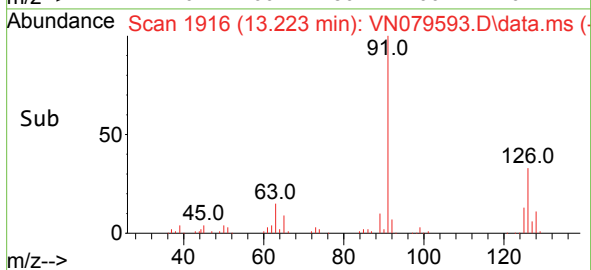
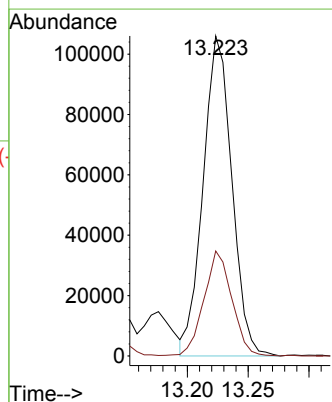
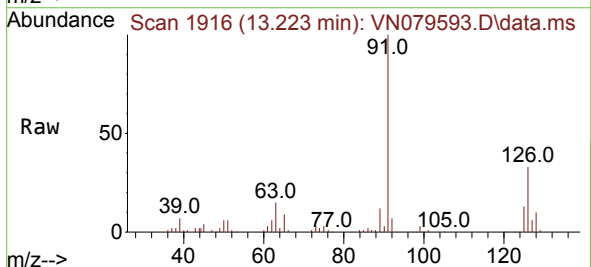
Instrument :
MSVOA_N
ClientSampleId :

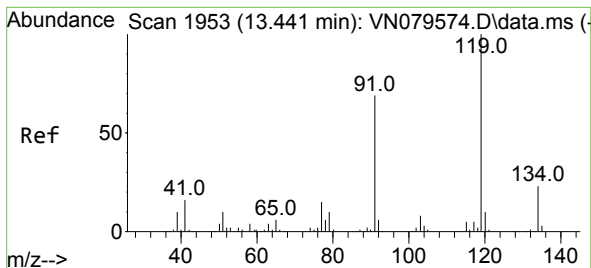
Tgt Ion: 75 Resp: 22976
Ion Ratio Lower Upper
75 100
53 121.0 53.0 159.1
89 45.1 22.6 67.7



#78
4-Chlorotoluene
Concen: 20.718 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion: 91 Resp: 174076
Ion Ratio Lower Upper
91 100
126 31.9 0.0 65.4

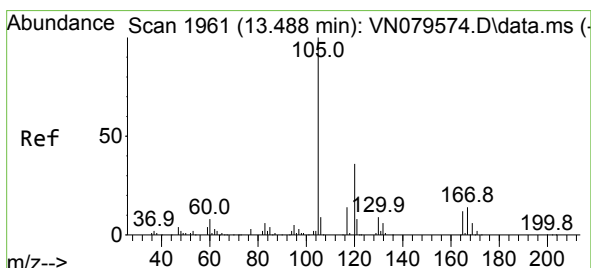
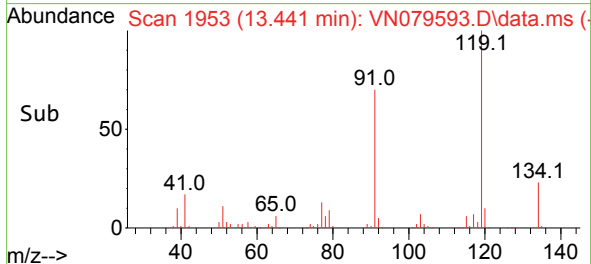
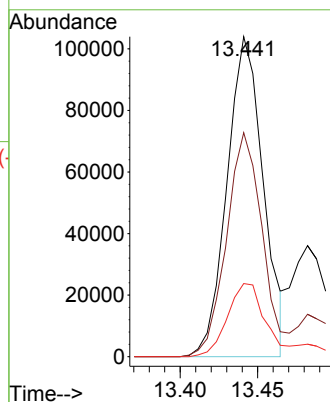
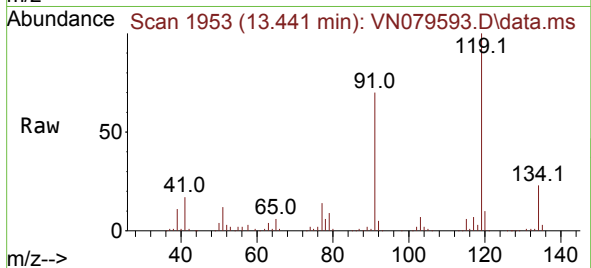




#79
tert-butylbenzene
Concen: 20.935 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

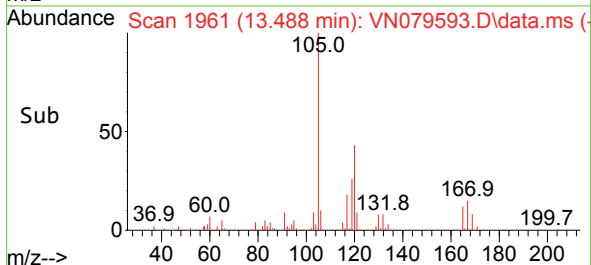
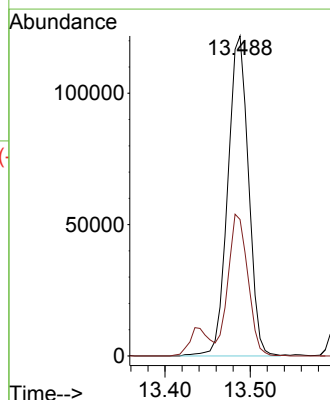
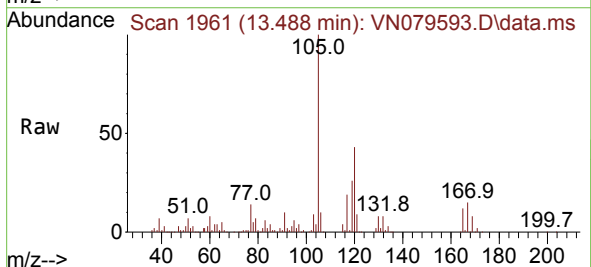
Instrument :
MSVOA_N
ClientSampleId :

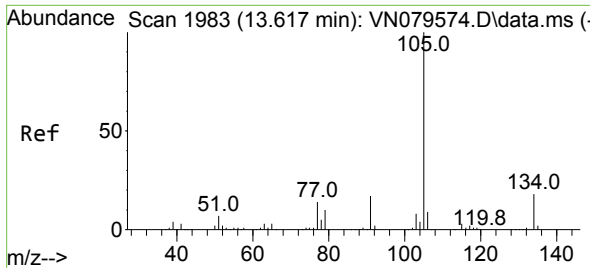
Tgt Ion:119 Resp: 169062
Ion Ratio Lower Upper
119 100
91 69.7 0.0 140.6
134 23.7 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 21.145 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079593.D
Acq: 17 Oct 2023 19:56

Tgt Ion:105 Resp: 205791
Ion Ratio Lower Upper
105 100
120 42.4 0.0 88.6

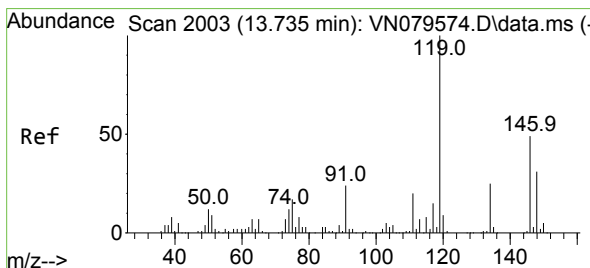
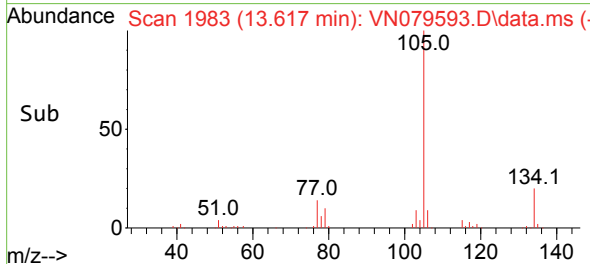
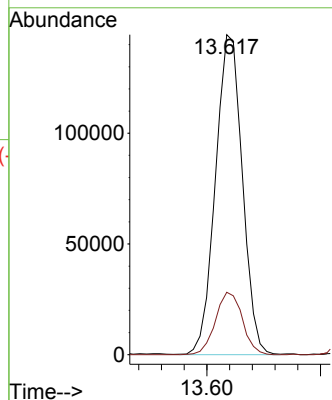
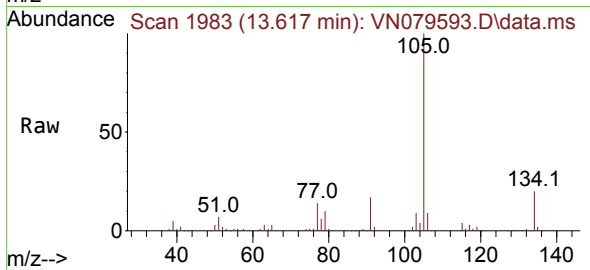




#81
 sec-Butylbenzene
 Concen: 20.980 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079593.D
 Acq: 17 Oct 2023 19:56

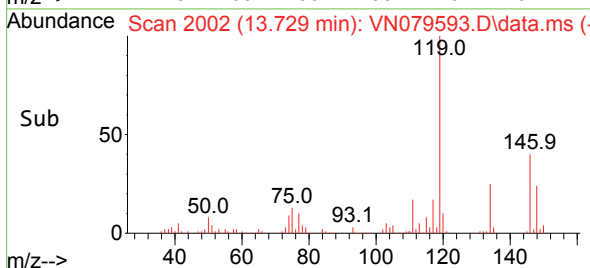
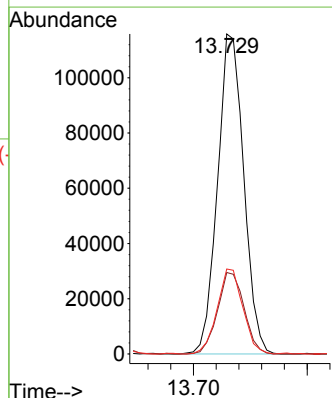
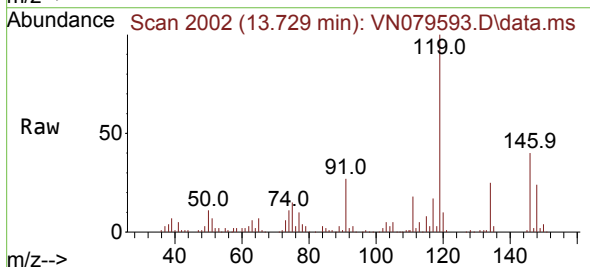
Instrument :
 MSVOA_N
 ClientSampleId :

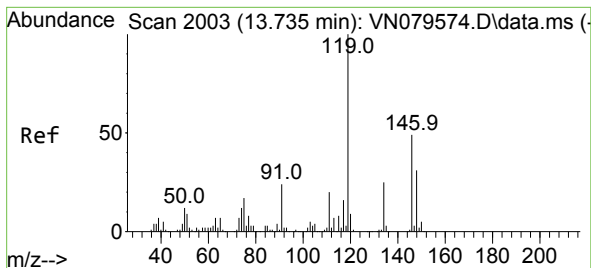
Tgt Ion:105 Resp: 237850
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.2



#82
 p-Isopropyltoluene
 Concen: 20.628 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN079593.D
 Acq: 17 Oct 2023 19:56

Tgt Ion:119 Resp: 185507
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.2
 91 26.0 0.0 50.0





#83

1,3-Dichlorobenzene

Concen: 20.605 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079593.D

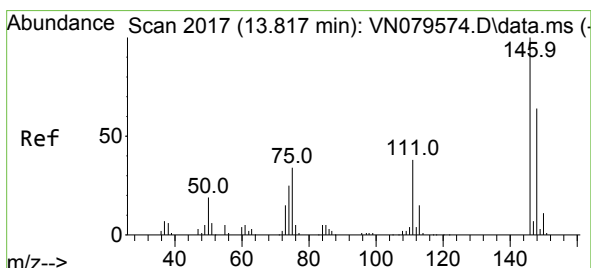
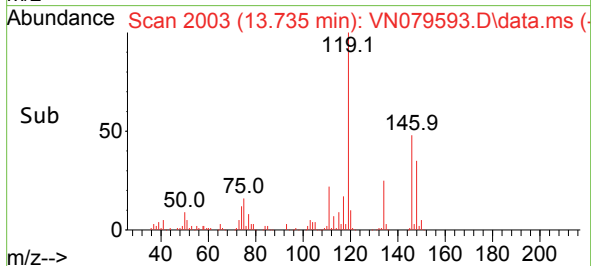
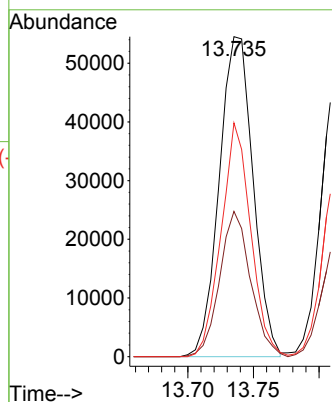
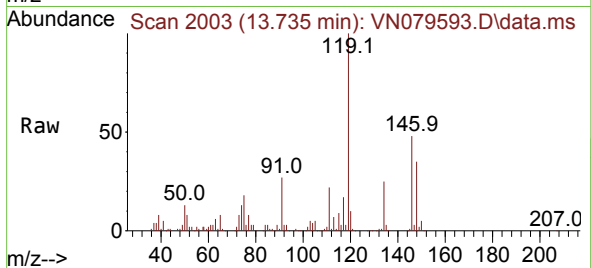
Acq: 17 Oct 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	97794
Ion Ratio	Lower	Upper
146	100	
111	41.6	21.0 63.0
148	64.0	32.4 97.0



#84

1,4-Dichlorobenzene

Concen: 20.307 ug/l

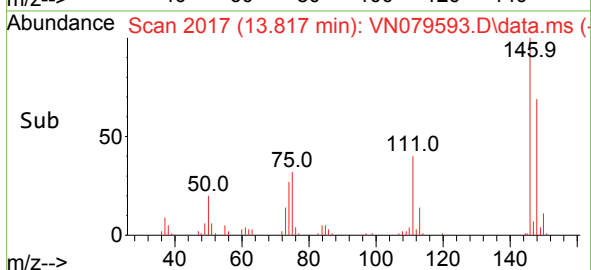
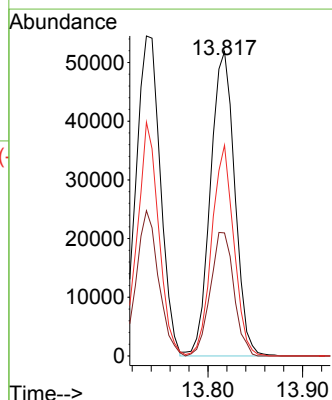
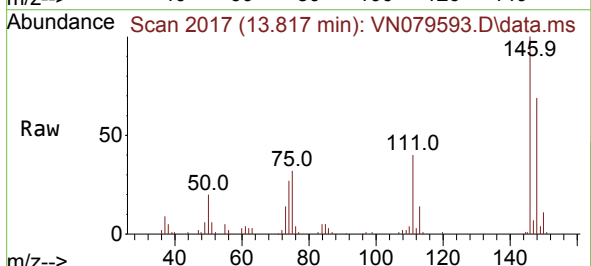
RT: 13.817 min Scan# 2017

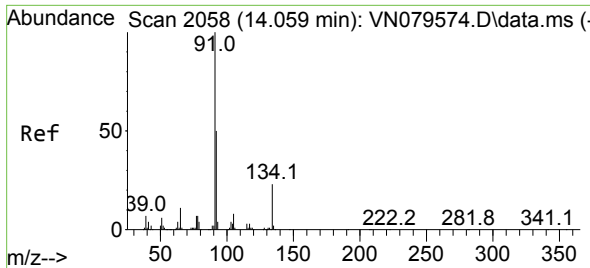
Delta R.T. 0.000 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

Tgt Ion:146	Resp:	92398
Ion Ratio	Lower	Upper
146	100	
111	39.2	19.9 59.7
148	62.9	32.6 97.7





#85

n-Butylbenzene

Concen: 19.273 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

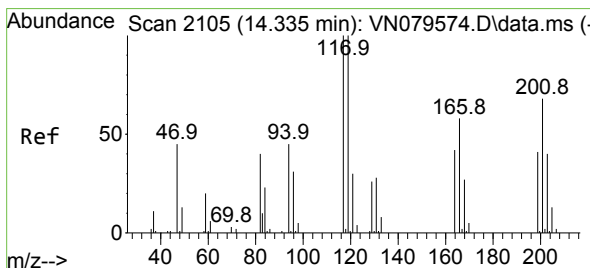
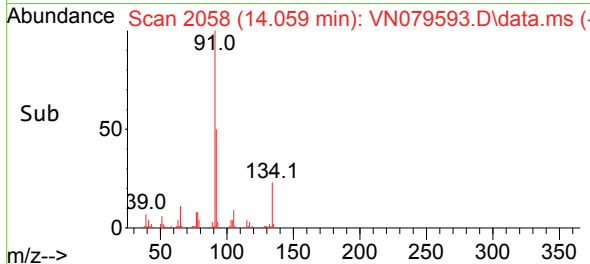
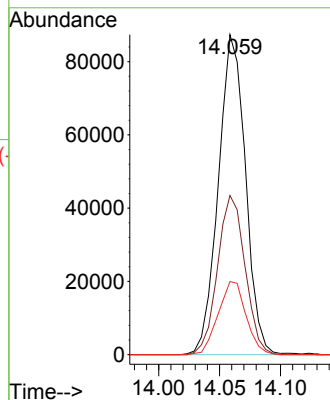
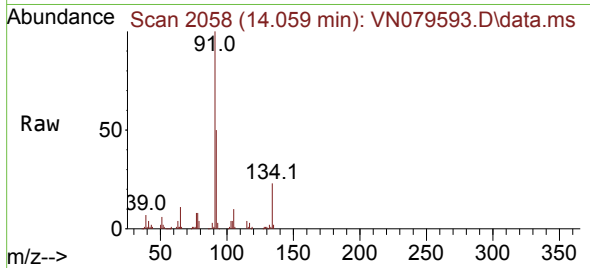
Tgt Ion: 91 Resp: 135424

Ion Ratio Lower Upper

91 100

92 50.4 0.0 99.6

134 23.5 0.0 46.2



#86

Hexachloroethane

Concen: 20.144 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079593.D

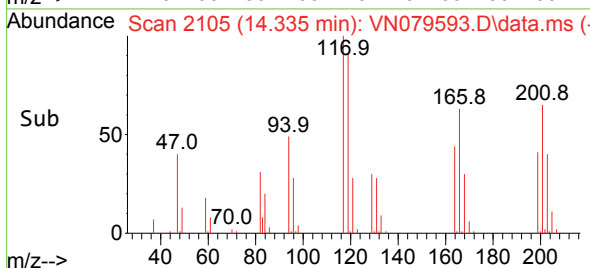
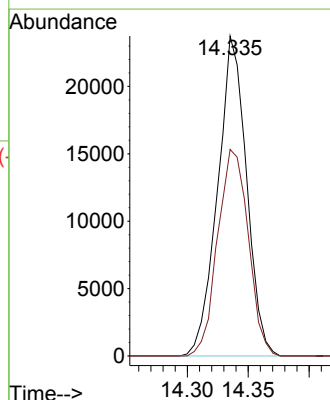
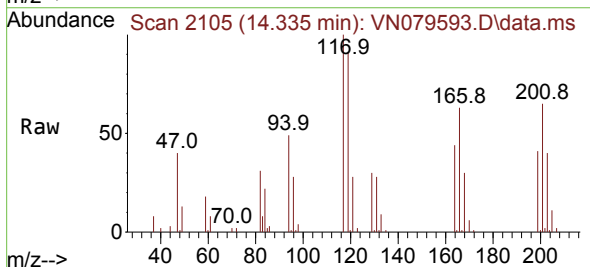
Acq: 17 Oct 2023 19:56

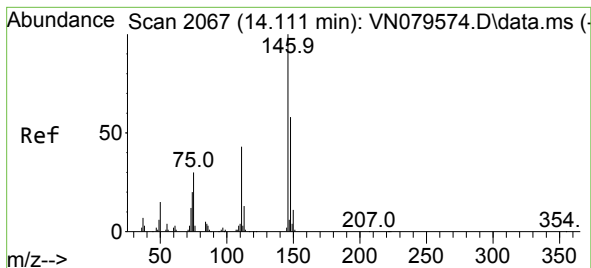
Tgt Ion: 117 Resp: 39164

Ion Ratio Lower Upper

117 100

201 68.5 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 20.873 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

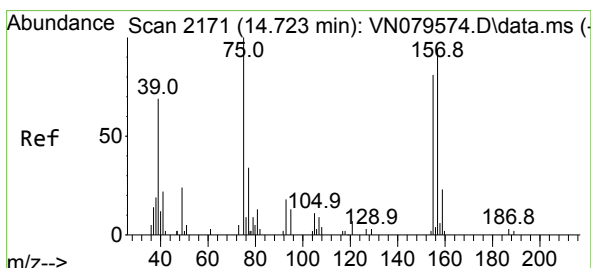
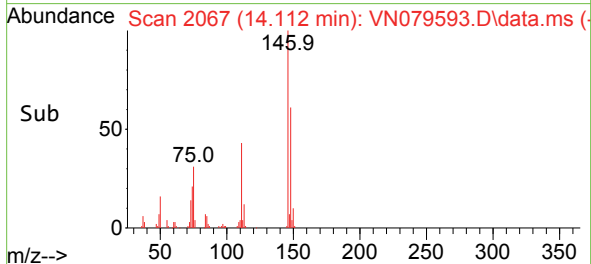
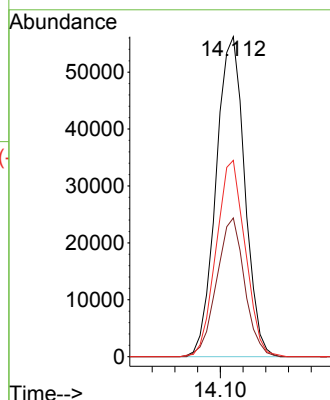
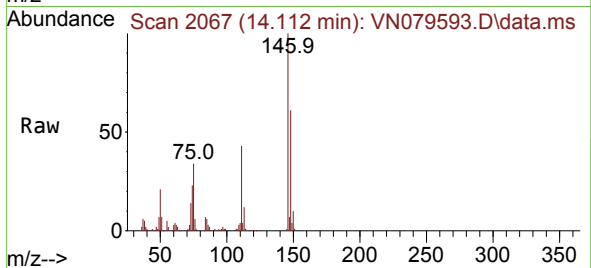
Tgt Ion:146 Resp: 98467

Ion Ratio Lower Upper

146 100

111 42.4 22.0 66.0

148 62.2 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.058 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

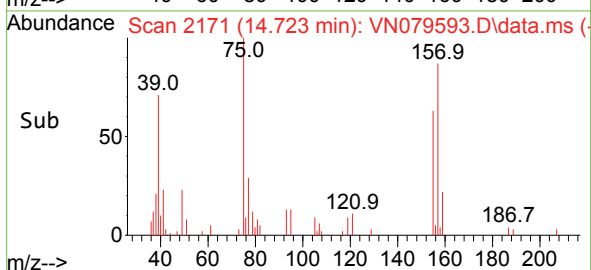
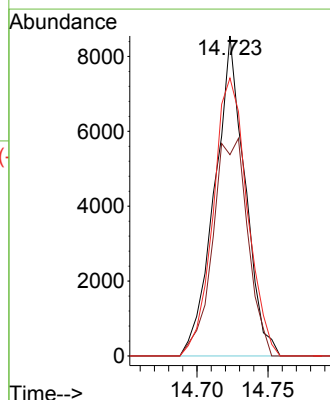
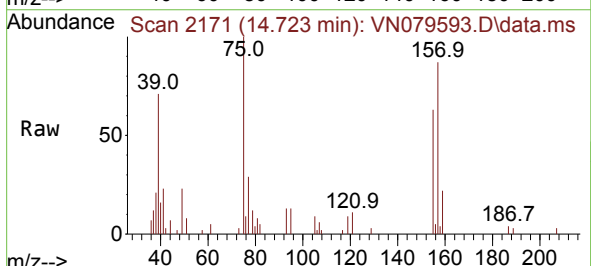
Tgt Ion: 75 Resp: 12687

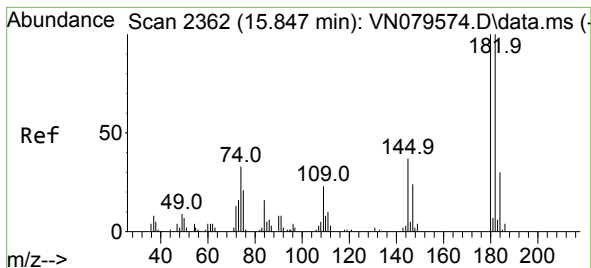
Ion Ratio Lower Upper

75 100

155 78.7 60.7 91.1

157 97.5 76.8 115.2





#89

1,2,4-Trichlorobenzene

Concen: 17.085 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

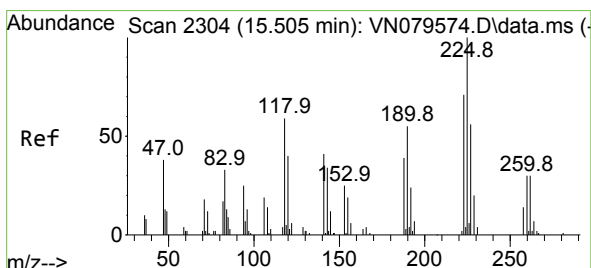
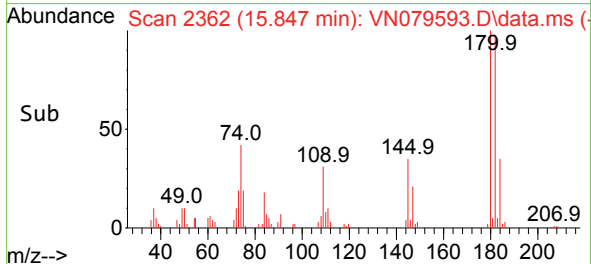
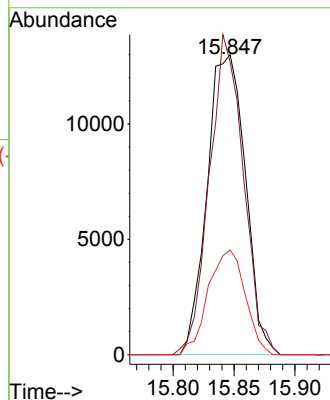
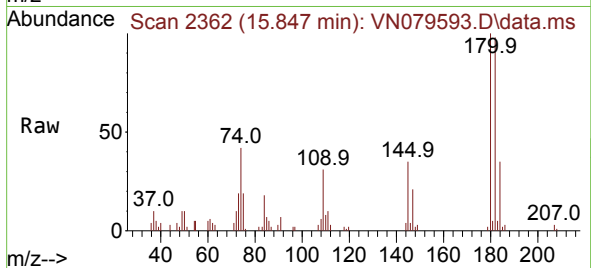
Tgt Ion:180 Resp: 28409

Ion Ratio Lower Upper

180 100

182 94.7 74.2 111.4

145 33.8 25.4 38.2



#90

Hexachlorobutadiene

Concen: 19.379 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

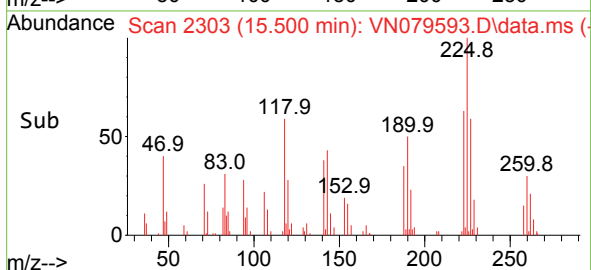
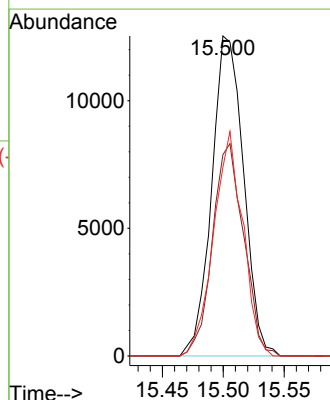
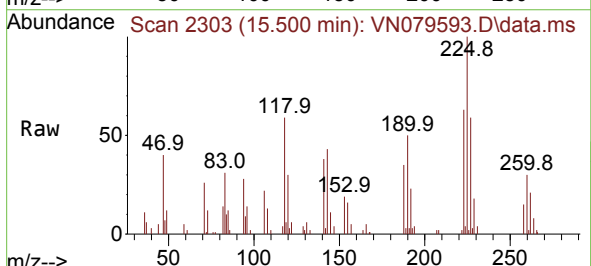
Tgt Ion:225 Resp: 22825

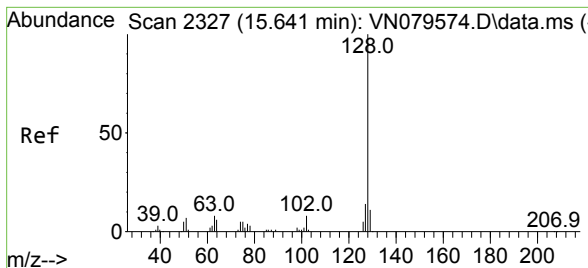
Ion Ratio Lower Upper

225 100

223 65.1 0.0 126.0

227 64.6 0.0 127.0





#91

Naphthalene

Concen: 13.362 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

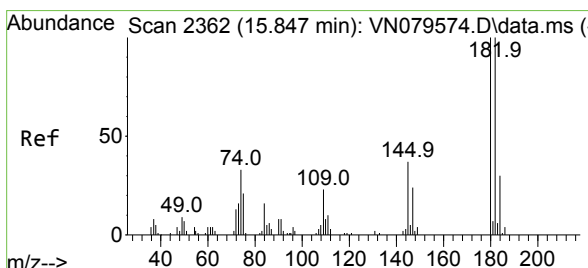
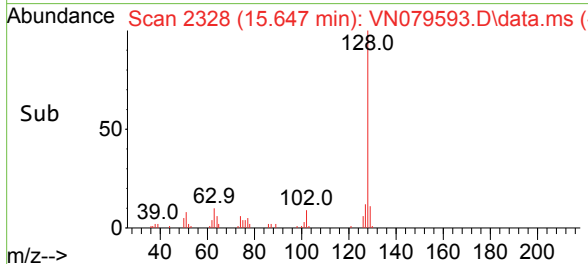
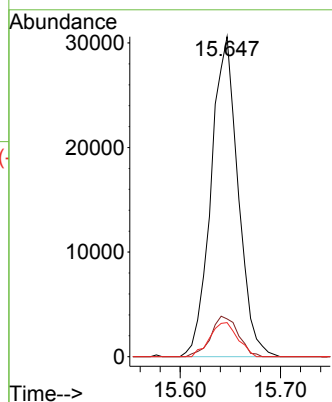
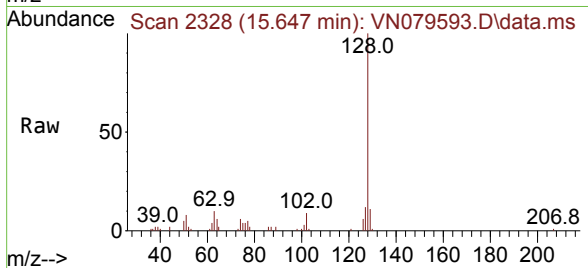
Tgt Ion:128 Resp: 57312

Ion Ratio Lower Upper

128 100

127 12.8 10.9 16.3

129 11.0 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 17.085 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN079593.D

Acq: 17 Oct 2023 19:56

Tgt Ion:180 Resp: 28409

Ion Ratio Lower Upper

180 100

182 94.7 0.0 185.6

145 33.8 0.0 63.6

