

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN079988.D
 Acq On : 08 Nov 2023 13:09
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 09 03:44:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 08 15:03:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	81591	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	460335	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	420437	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	203909	29.772	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.233%
60) 4-Bromofluorobenzene	12.853	95	210117	31.251	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	104.167%
63) Toluene-d8	10.571	98	600602	30.149	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	281161	52.851	ug/l	98
3) Chloromethane	2.359	50	335333	50.036	ug/l	98
4) Vinyl Chloride	2.512	62	274696	49.049	ug/l	98
5) Bromomethane	2.953	94	159351	51.968	ug/l	94
6) Chloroethane	3.118	64	187632	57.500	ug/l	93
7) Trichlorofluoromethane	3.500	101	441278	52.502	ug/l	98
8) Diethyl Ether	3.965	74	160742	53.274	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	246757	51.965	ug/l	98
10) 1,1-Dichloroethene	4.342	96	235162	55.980	ug/l	96
11) Methyl Iodide	4.589	142	308336	55.493	ug/l	98
12) Methyl Acetate	5.024	43	557111	51.153	ug/l	98
13) Acrolein	4.177	56	234146	254.461	ug/l	99
14) Acrylonitrile	5.718	53	676800	261.635	ug/l	98
15) Acetone	4.424	58	244008	279.359	ug/l	86
16) Carbon Disulfide	4.712	76	716340	49.939	ug/l	100
17) Allyl chloride	5.024	41	395440	53.872	ug/l	97
18) Methylene Chloride	5.283	84	285093	50.607	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	267765	51.424	ug/l	98
20) Diisopropyl ether	6.677	45	915712	53.382	ug/l	98
21) 1,1-Dichloroethane	6.571	63	527469	51.515	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	310398	51.370	ug/l	98
23) tert-Butyl Alcohol	5.524	59	179160	272.953	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	823478	53.239	ug/l	98
25) Chloroform	7.971	83	534974	50.615	ug/l	94
26) Cyclohexane	8.259	56	436646	54.207	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	407177	51.538	ug/l	99
30) 2-Butanone	7.488	43	982032	260.272	ug/l	99
31) 2,2-Dichloropropane	7.494	77	442920	51.870	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	458631	50.850	ug/l	100
33) Carbon Tetrachloride	8.365	117	404456	51.019	ug/l	97
34) Benzene	8.612	78	1193561	50.856	ug/l	96
35) Methacrylonitrile	7.777	41	200958	50.801	ug/l	96
36) 1,2-Dichloroethane	8.677	62	425118	50.051	ug/l	99
37) Trichloroethene	9.353	130	285762	50.630	ug/l	98
38) Methylcyclohexane	9.606	83	406891	54.850	ug/l	98
39) 1,2-Dichloropropane	9.624	63	313372	50.447	ug/l	96
40) Dibromomethane	9.712	93	204618	50.959	ug/l	98
41) Bromodichloromethane	9.894	83	420789	50.598	ug/l	98
42) Vinyl Acetate	6.606	43	2517895	268.662	ug/l	99

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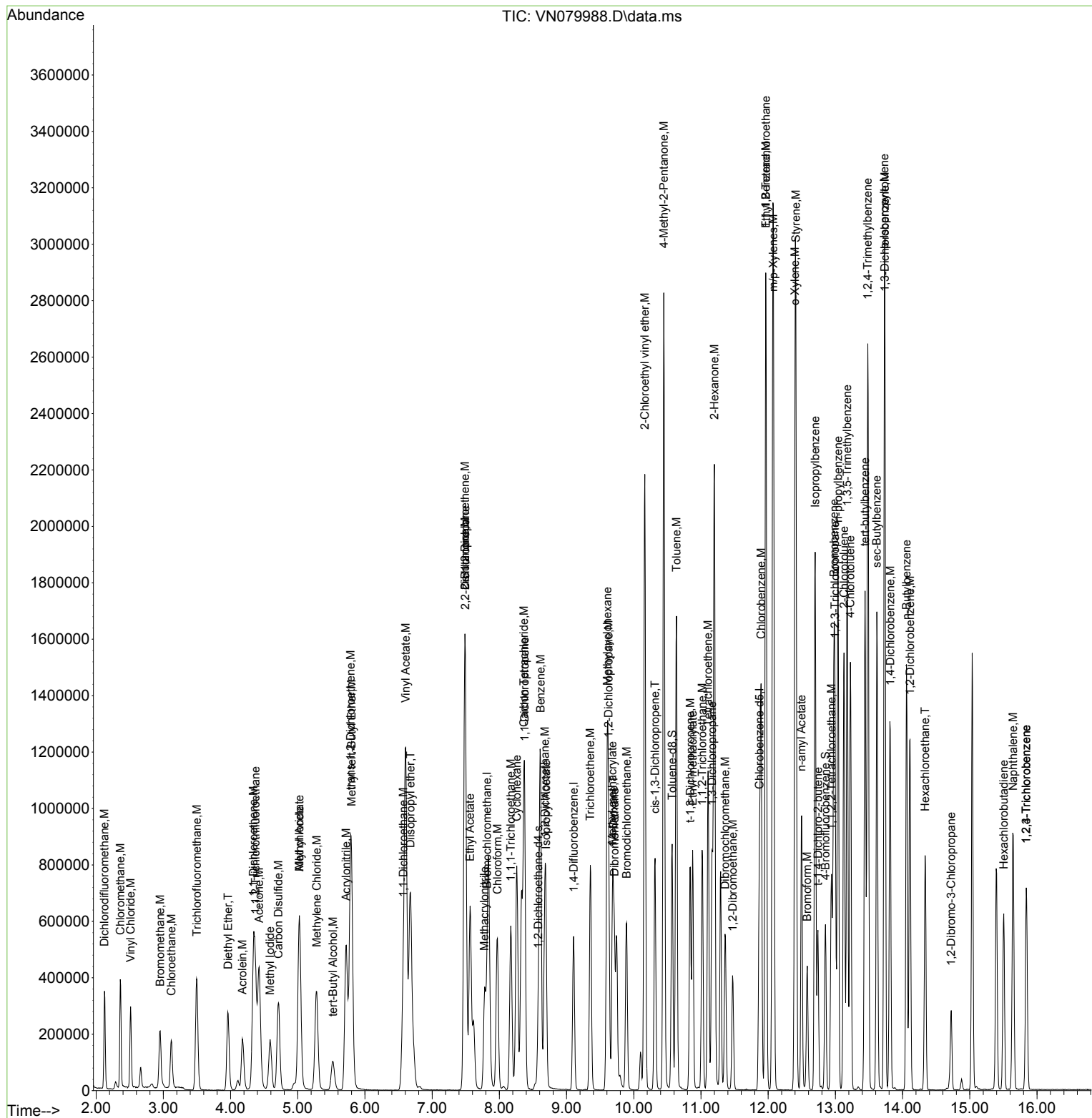
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	355290	50.126	ug/l	97
44) Isopropyl Acetate	8.694	43	602896	52.202	ug/l	95
45) 1,4-Dioxane	9.700	88	92044	1034.159	ug/l #	96
46) Methyl methacrylate	9.682	41	302916	54.562	ug/l	92
47) n-amyl Acetate	12.494	43	523170	56.395	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	457885	53.912	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	492117	52.414	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	275931	50.377	ug/l	93
51) Ethyl methacrylate	10.876	69	431640	54.827	ug/l	93
52) 1,3-Dichloropropane	11.165	76	500610	51.122	ug/l	100
53) Dibromochloromethane	11.359	129	300956	51.361	ug/l	100
54) 1,2-Dibromoethane	11.470	107	282365	51.339	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	984960	272.019	ug/l	99
56) Bromoform	12.582	173	201559	52.493	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	1862121	265.106	ug/l	97
59) 2-Hexanone	11.200	43	1449104	270.823	ug/l	96
61) Tetrachloroethene	11.106	164	246687	50.046	ug/l	94
62) Toluene	10.635	91	1260681	51.844	ug/l	98
64) Chlorobenzene	11.894	112	747509	51.512	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.965	131	276086	51.865	ug/l	97
66) Ethyl Benzene	11.965	91	1382397	54.100	ug/l	99
67) m/p-Xylenes	12.076	106	1039594	109.278	ug/l	94
68) o-Xylene	12.400	106	501695	55.019	ug/l	97
69) Styrene	12.412	104	845081	55.985	ug/l	98
70) Isopropylbenzene	12.700	105	1262419	55.503	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	397748	51.342	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	521256	52.527	ug/l	74
73) Bromobenzene	12.982	156	299493	53.560	ug/l	96
74) n-propylbenzene	13.041	91	1517460	55.769	ug/l	98
75) 2-Chlorotoluene	13.129	91	932871	53.938	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	1049498	55.787	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	132572	56.247	ug/l	96
78) 4-Chlorotoluene	13.223	91	935892	54.485	ug/l	99
79) tert-butylbenzene	13.441	119	825685	56.043	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	1039776	56.365	ug/l	100
81) sec-Butylbenzene	13.617	105	1168417	56.182	ug/l	99
82) p-Isopropyltoluene	13.729	119	975111	57.733	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	542135	53.207	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	532634	53.258	ug/l	99
85) n-Butylbenzene	14.059	91	833442	59.000	ug/l	97
86) Hexachloroethane	14.335	117	175324	53.382	ug/l	95
87) 1,2-Dichlorobenzene	14.111	146	519759	53.394	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	75937	53.601	ug/l	97
89) 1,2,4-Trichlorobenzene	15.841	180	250981	55.654	ug/l	98
90) Hexachlorobutadiene	15.506	225	119250	53.655	ug/l	99
91) Naphthalene	15.647	128	842348	58.205	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	250981	55.654	ug/l	98

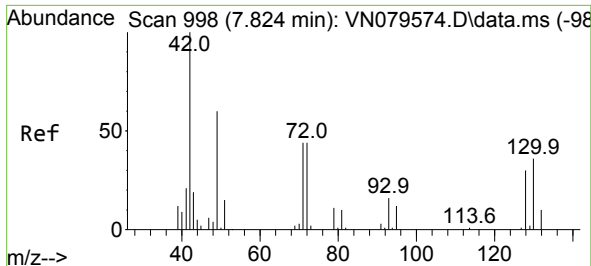
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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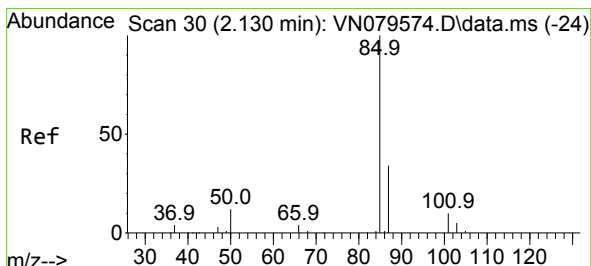
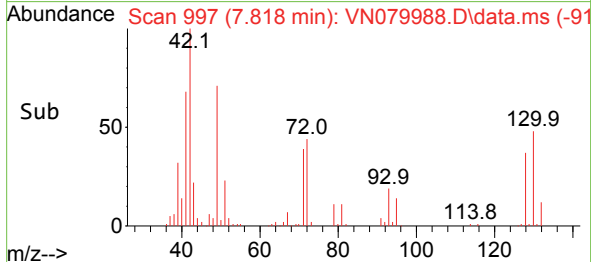
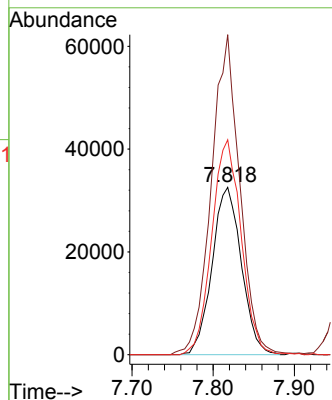
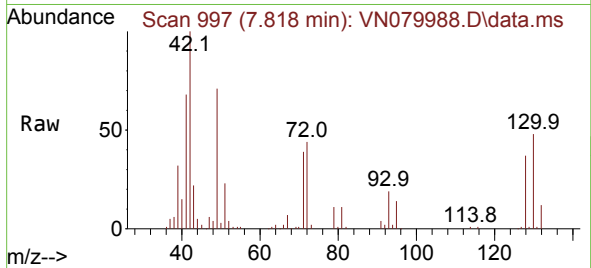




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079988.D
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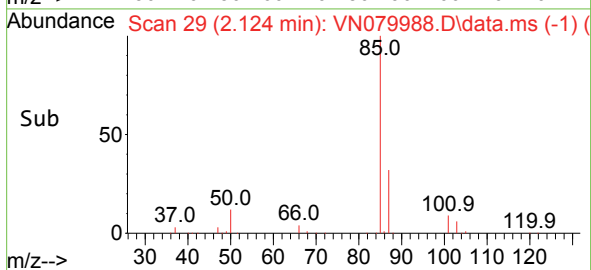
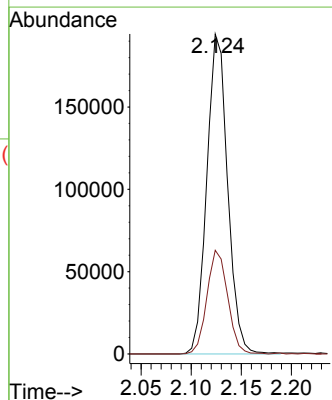
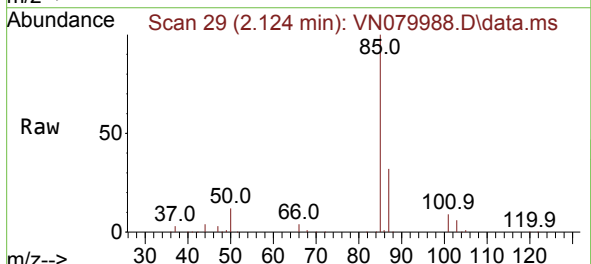
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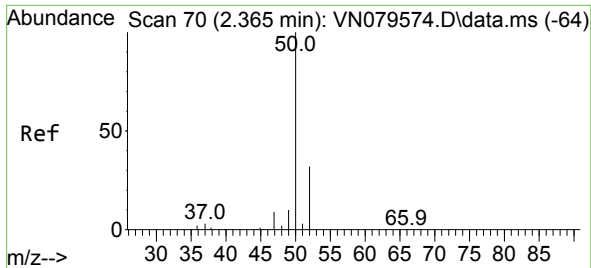
Tgt Ion:128 Resp: 81591
Ion Ratio Lower Upper
128 100
49 185.5 0.0 468.5
130 128.7 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 52.851 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 85 Resp: 281161
Ion Ratio Lower Upper
85 100
87 32.4 15.6 46.7

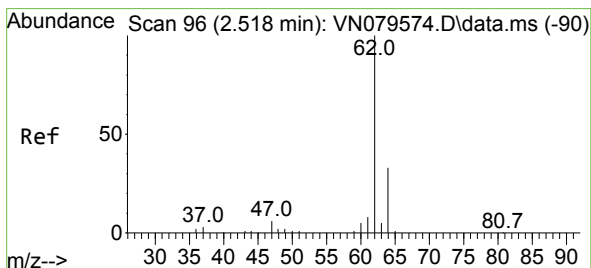
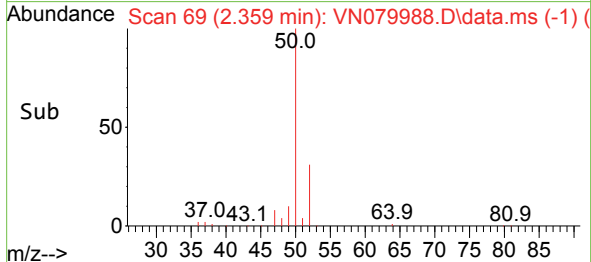
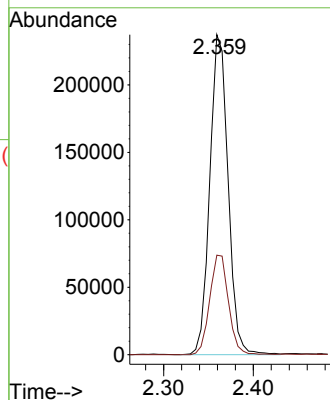
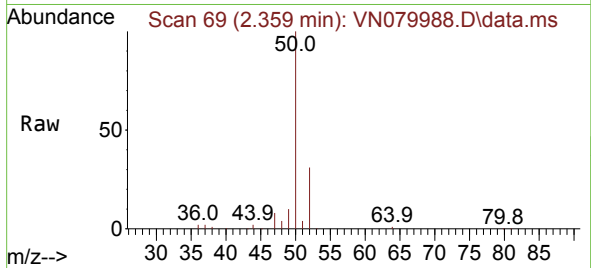




#3
Chloromethane
Concen: 50.036 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

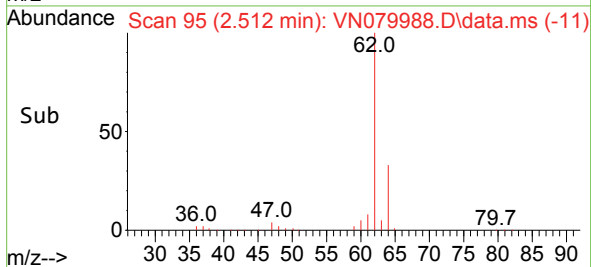
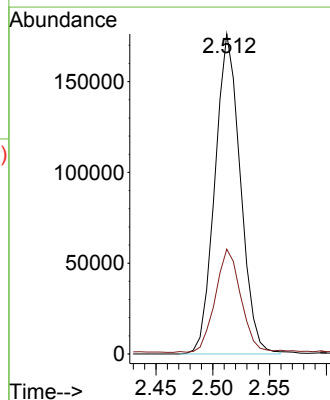
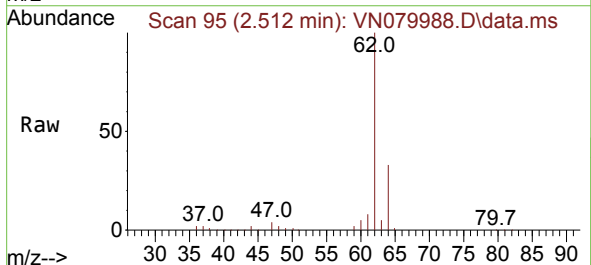
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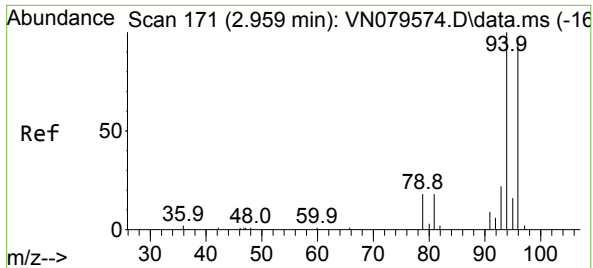
Tgt Ion: 50 Resp: 335333
Ion Ratio Lower Upper
50 100
52 31.1 25.6 38.4



#4
Vinyl Chloride
Concen: 49.049 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 62 Resp: 274696
Ion Ratio Lower Upper
62 100
64 32.0 26.4 39.6

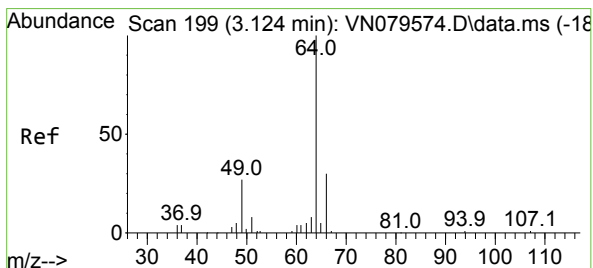
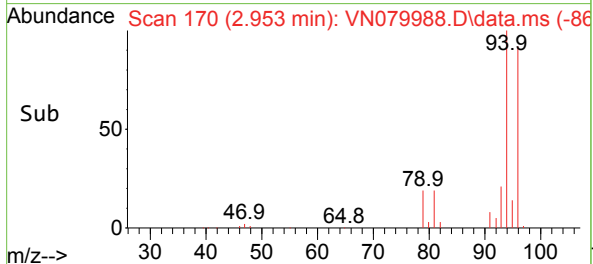
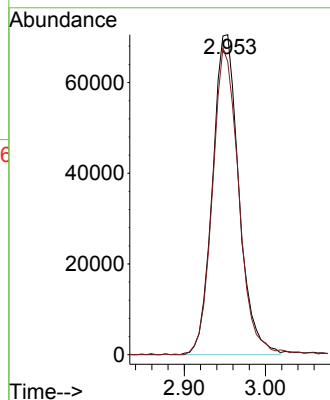
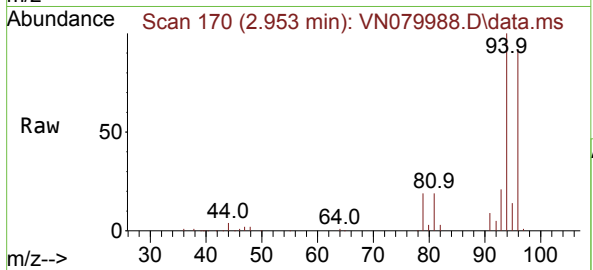




#5
Bromomethane
Concen: 51.968 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

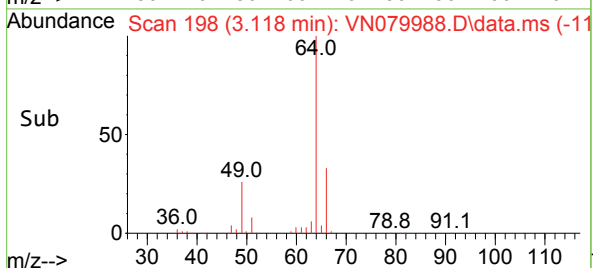
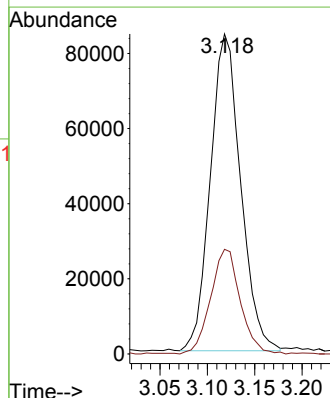
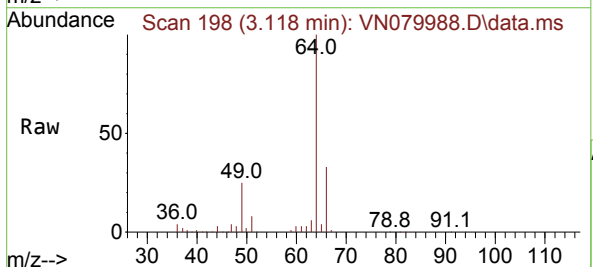
Instrument :
MSVOA_N
ClientSampleId :

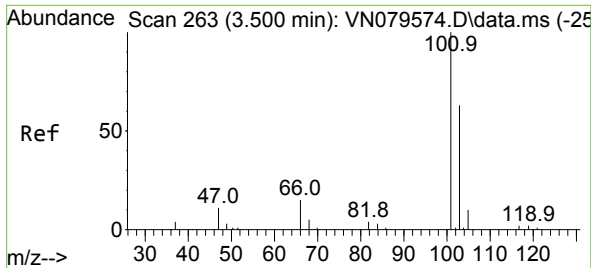
Tgt Ion: 94 Resp: 159351
Ion Ratio Lower Upper
94 100
96 91.6 77.8 116.6



#6
Chloroethane
Concen: 57.500 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 64 Resp: 187632
Ion Ratio Lower Upper
64 100
66 33.0 23.3 34.9

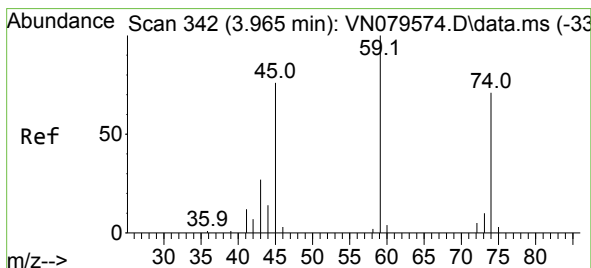
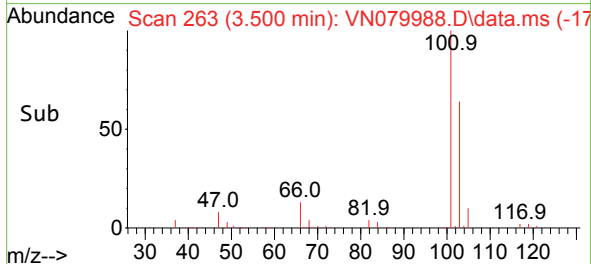
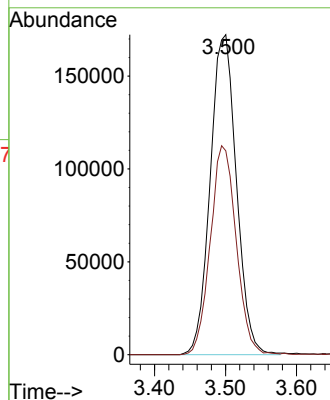
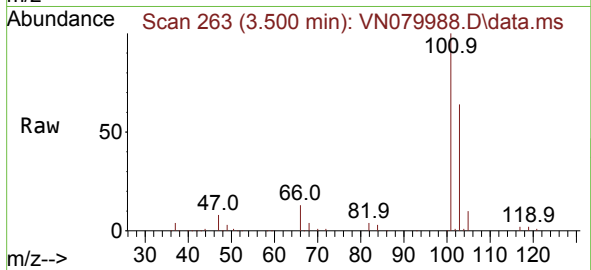




#7
 Trichlorofluoromethane
 Concen: 52.502 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079988.D
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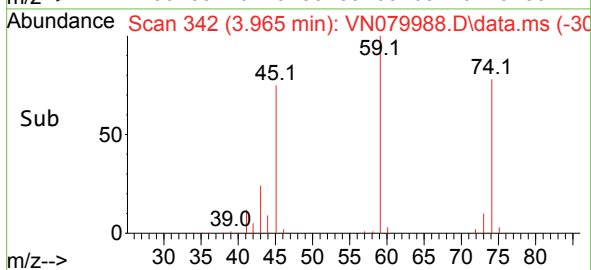
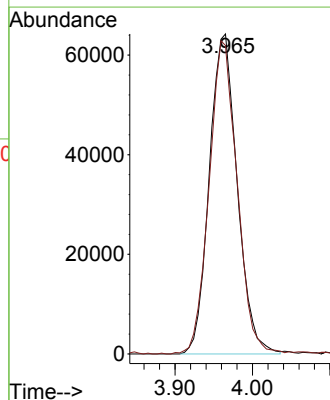
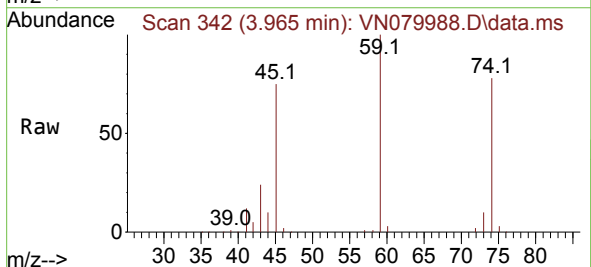
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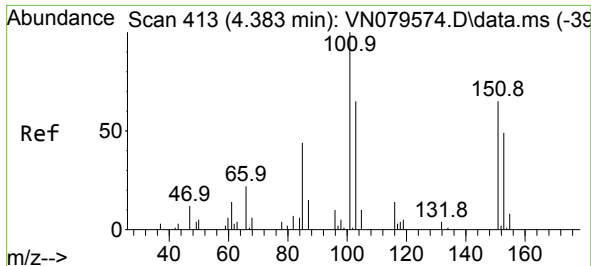
Tgt Ion:101 Resp: 441278
 Ion Ratio Lower Upper
 101 100
 103 63.7 49.9 74.9



#8
 Diethyl Ether
 Concen: 53.274 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079988.D
 Acq: 08 Nov 2023 13:09

Tgt Ion: 74 Resp: 160742
 Ion Ratio Lower Upper
 74 100
 45 98.1 19.0 171.0

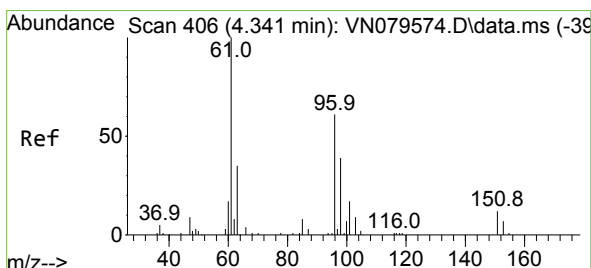
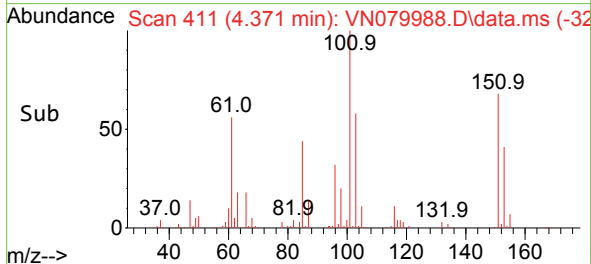
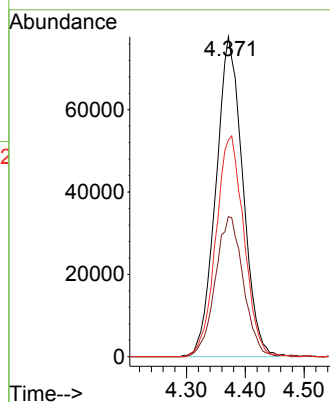
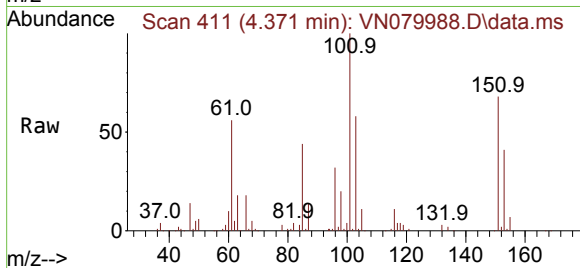




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.965 ug/l
 RT: 4.371 min Scan# 413
 Delta R.T. -0.012 min
 Lab File: VN079988.D
 Acq: 08 Nov 2023 13:09

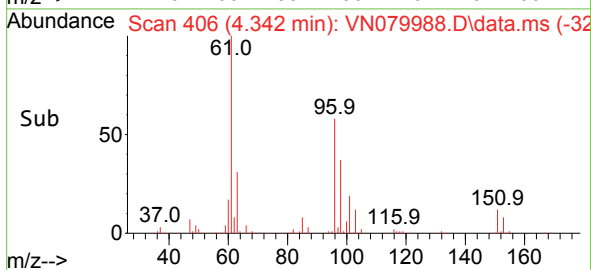
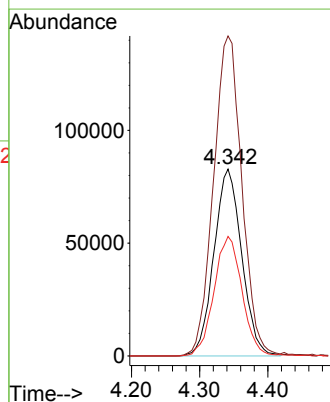
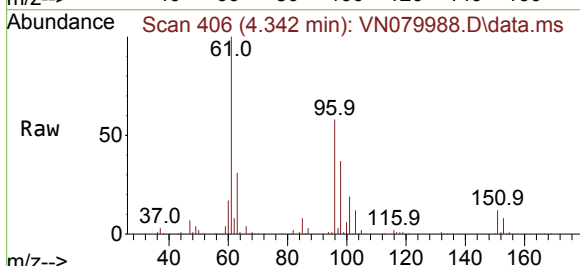
Instrument :
 MSVOA_N
 ClientSampleId :

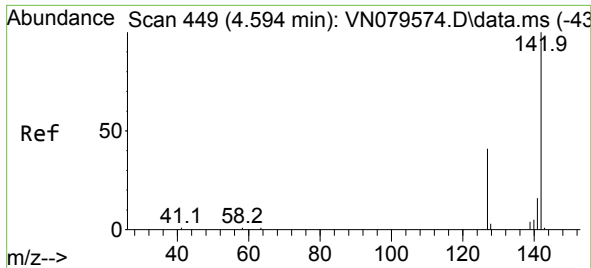
Tgt Ion:101 Resp: 246757
 Ion Ratio Lower Upper
 101 100
 85 45.6 0.0 92.0
 151 71.9 0.0 138.4



#10
 1,1-Dichloroethene
 Concen: 55.980 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VN079988.D
 Acq: 08 Nov 2023 13:09

Tgt Ion: 96 Resp: 235162
 Ion Ratio Lower Upper
 96 100
 61 171.1 141.3 211.9
 98 64.0 53.2 79.8

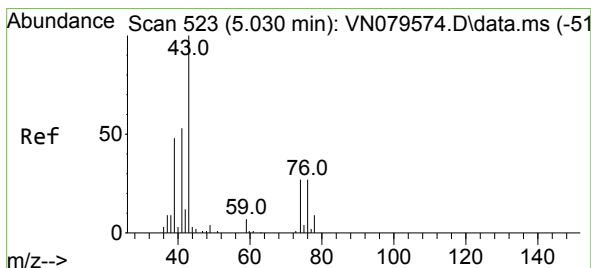
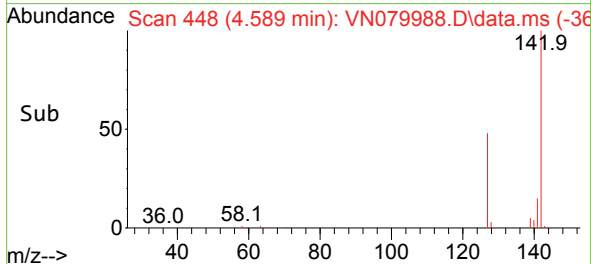
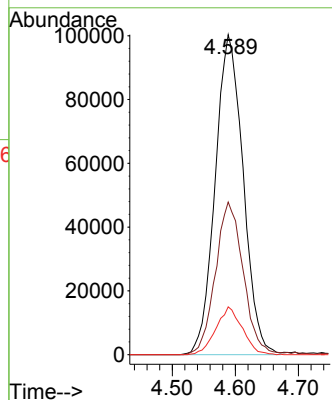
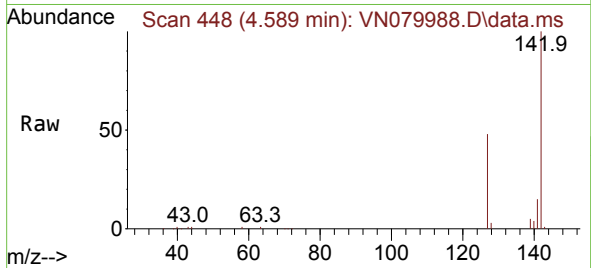




#11
Methyl Iodide
Concen: 55.493 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

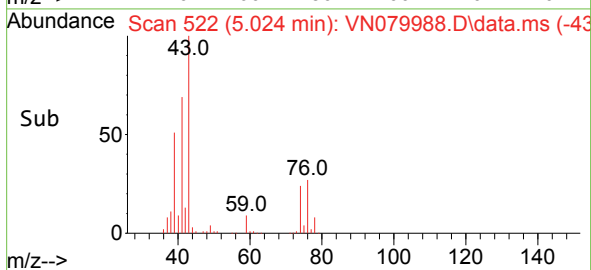
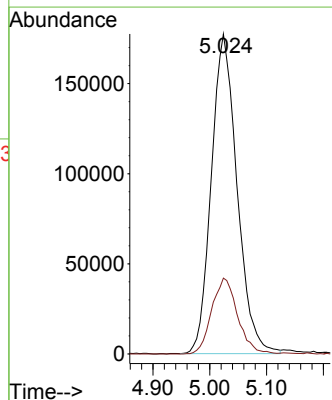
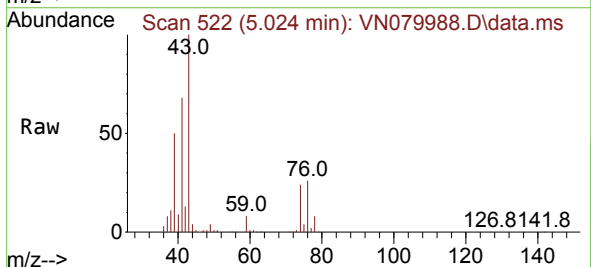
Instrument :
MSVOA_N
ClientSampleId :

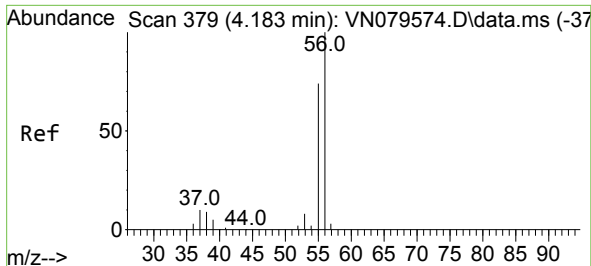
Tgt Ion:142 Resp: 308336
Ion Ratio Lower Upper
142 100
127 47.5 24.6 73.8
141 14.9 7.7 23.1



#12
Methyl Acetate
Concen: 51.153 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 43 Resp: 557111
Ion Ratio Lower Upper
43 100
74 23.7 18.1 27.1

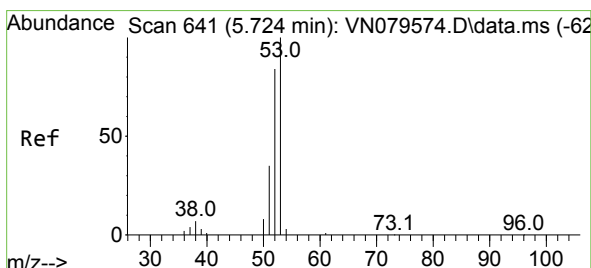
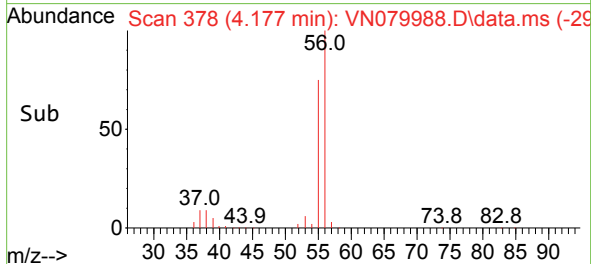
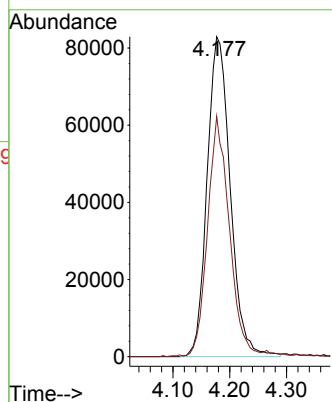
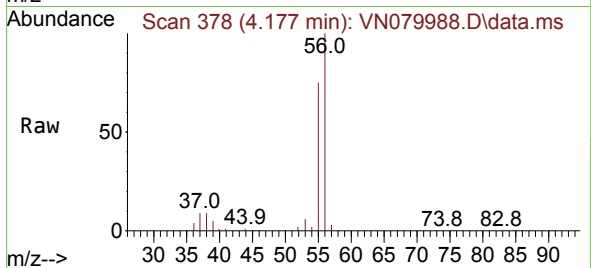




#13
Acrolein
Concen: 254.461 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

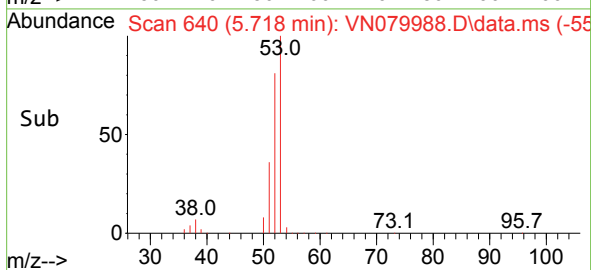
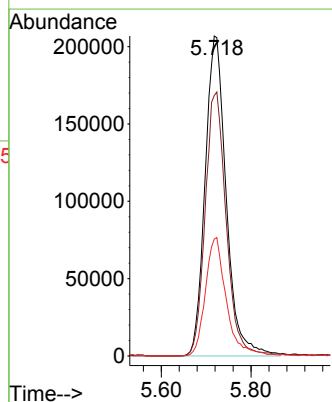
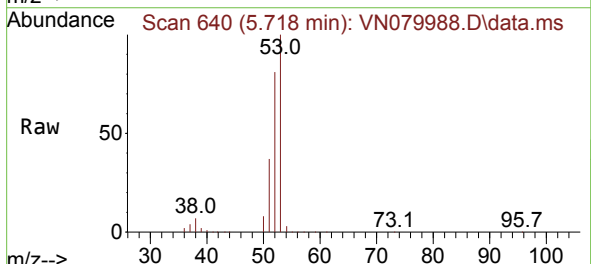
Instrument :
MSVOA_N
ClientSampleId :

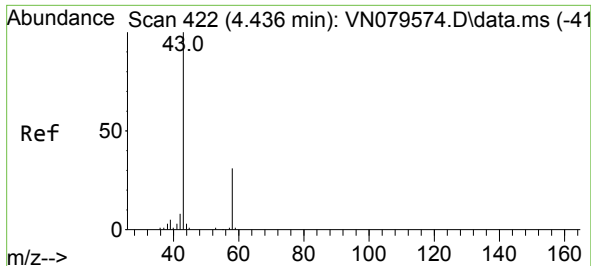
Tgt Ion: 56 Resp: 234146
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7



#14
Acrylonitrile
Concen: 261.635 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

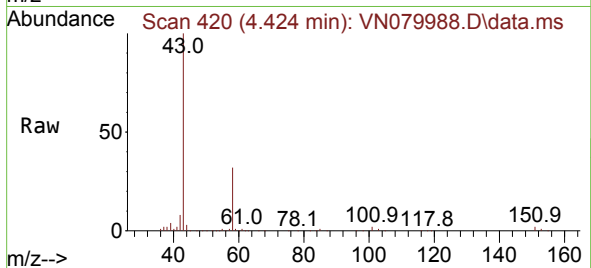
Tgt Ion: 53 Resp: 676800
Ion Ratio Lower Upper
53 100
52 82.0 41.6 124.9
51 36.6 17.8 53.3



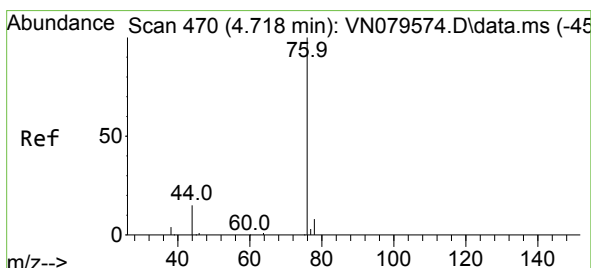
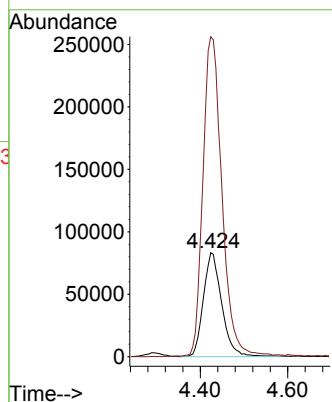
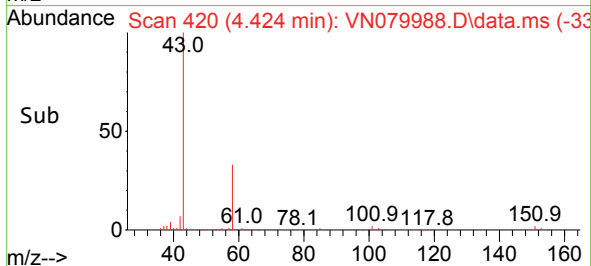


#15
Acetone
Concen: 279.359 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :

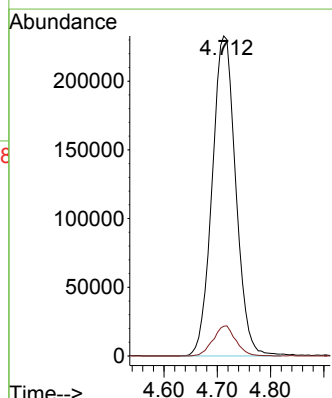
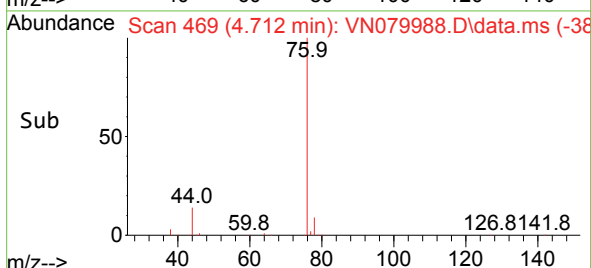
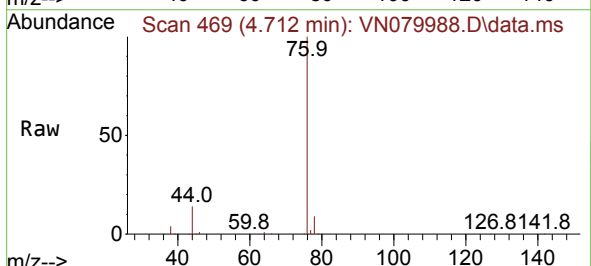


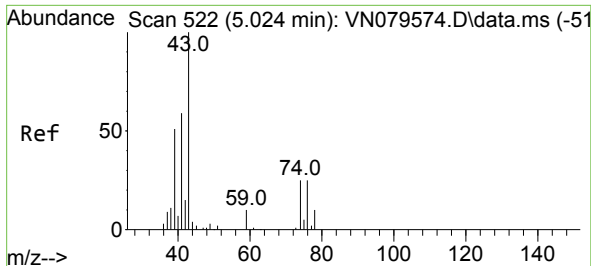
Tgt Ion: 58 Resp: 244008
Ion Ratio Lower Upper
58 100
43 307.3 225.2 337.8



#16
Carbon Disulfide
Concen: 49.939 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 76 Resp: 716340
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

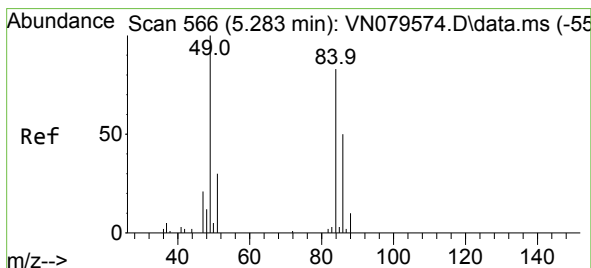
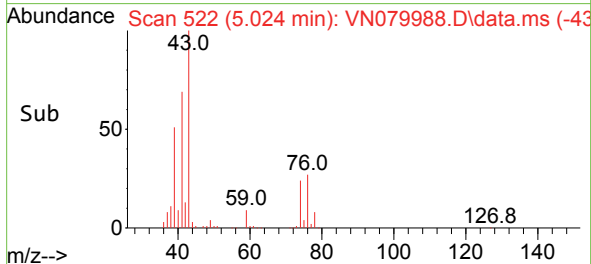
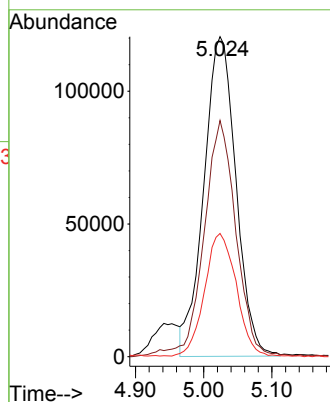
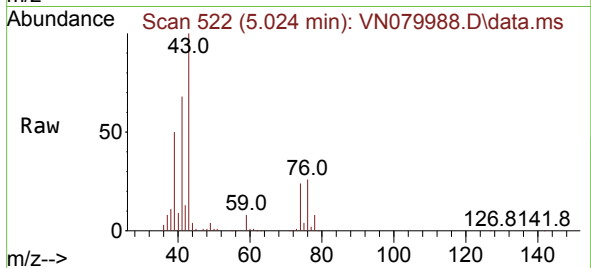




#17
 Allyl chloride
 Concen: 53.872 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN079988.D
 Acq: 08 Nov 2023 13:09

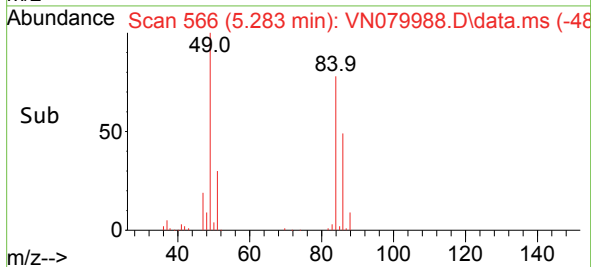
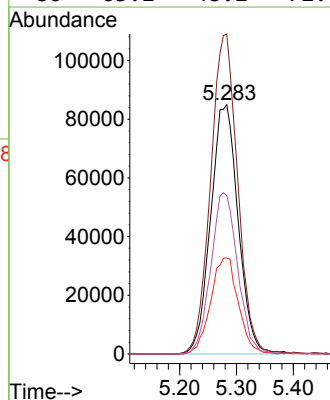
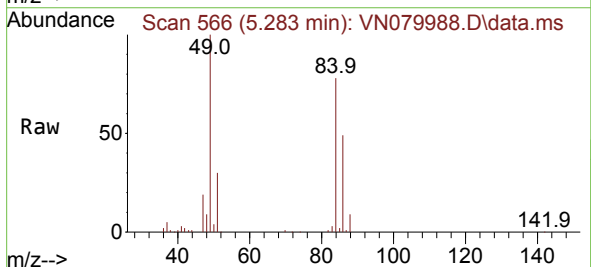
Instrument :
 MSVOA_N
 ClientSampleId :

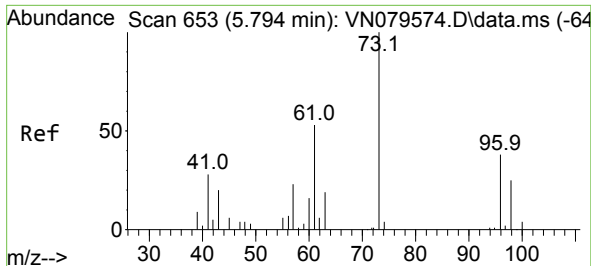
Tgt Ion: 41 Resp: 395440
 Ion Ratio Lower Upper
 41 100
 39 73.6 38.4 115.2
 76 38.4 19.5 58.5



#18
 Methylene Chloride
 Concen: 50.607 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: VN079988.D
 Acq: 08 Nov 2023 13:09

Tgt Ion: 84 Resp: 285093
 Ion Ratio Lower Upper
 84 100
 49 128.1 100.9 151.3
 51 38.5 29.4 44.2
 86 63.2 48.2 72.4





#19

trans-1,2-Dichloroethene

Concen: 51.424 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

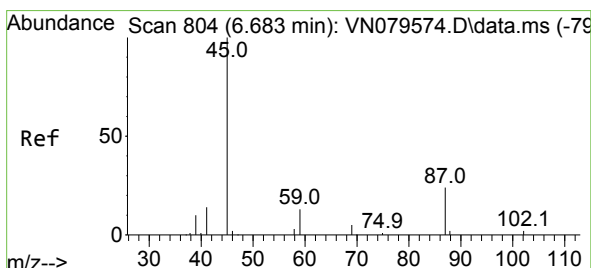
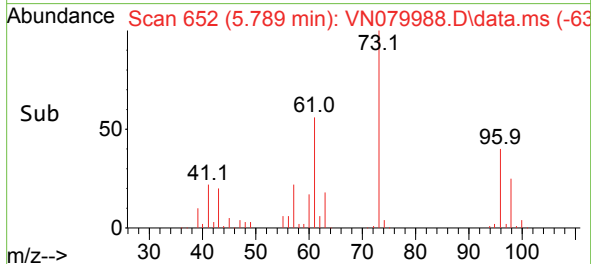
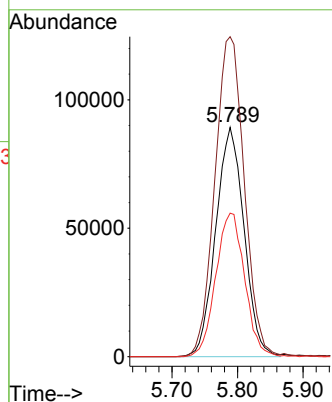
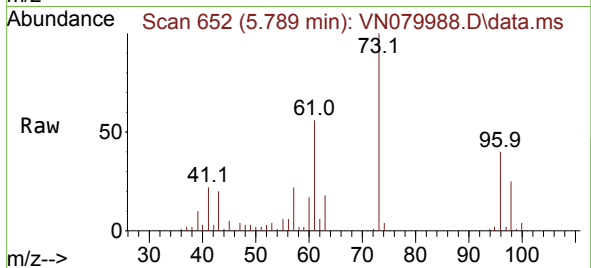
Tgt Ion: 96 Resp: 267765

Ion Ratio Lower Upper

96 100

61 139.3 113.4 170.0

98 62.6 50.4 75.6



#20

Diisopropyl ether

Concen: 53.382 ug/l

RT: 6.677 min Scan# 803

Delta R.T. -0.006 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Tgt Ion: 45 Resp: 915712

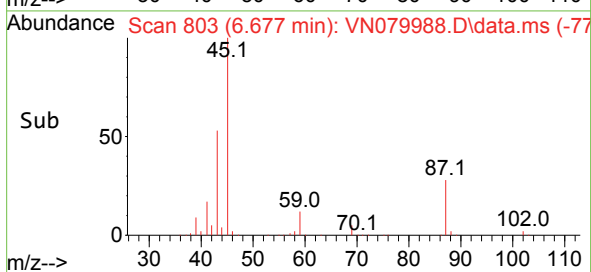
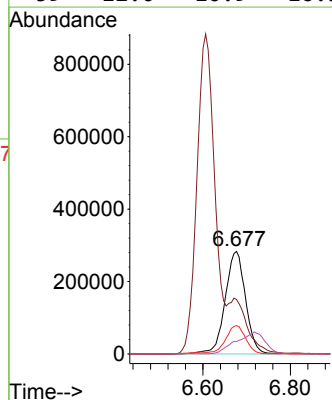
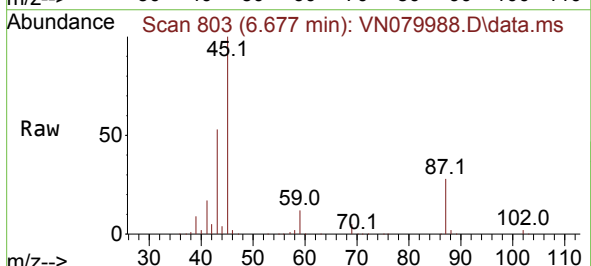
Ion Ratio Lower Upper

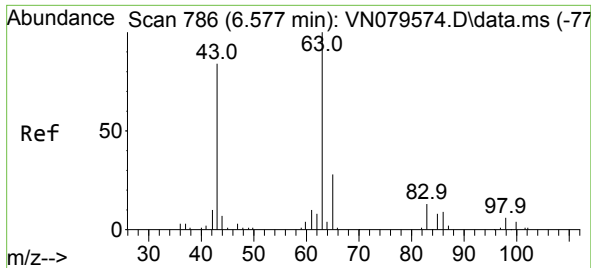
45 100

43 51.8 42.1 63.1

87 27.5 20.5 30.7

59 12.0 10.9 16.3

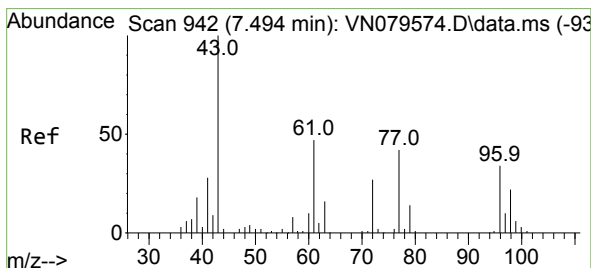
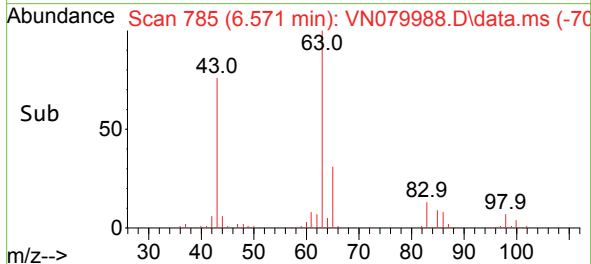
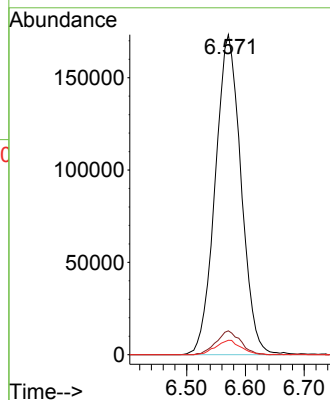
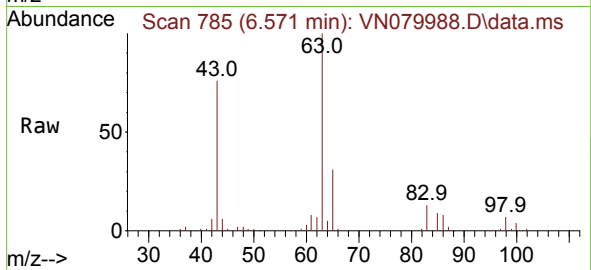




#21
1,1-Dichloroethane
Concen: 51.515 ug/l
RT: 6.571 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

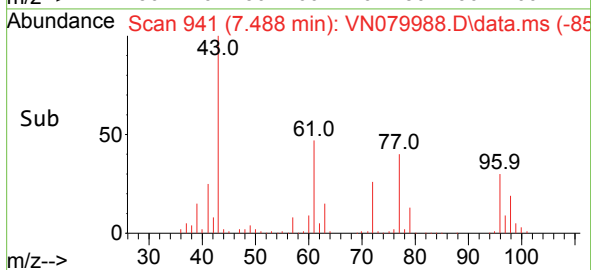
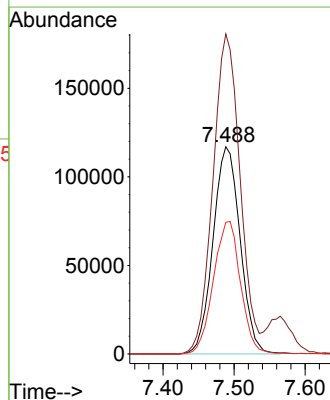
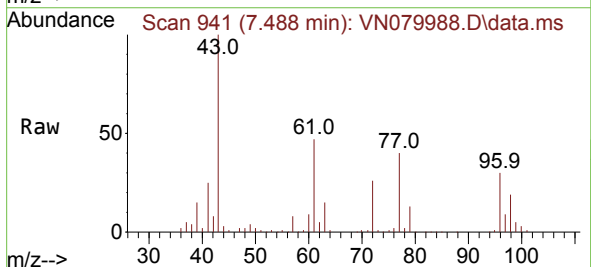
Instrument :
MSVOA_N
ClientSampleId :

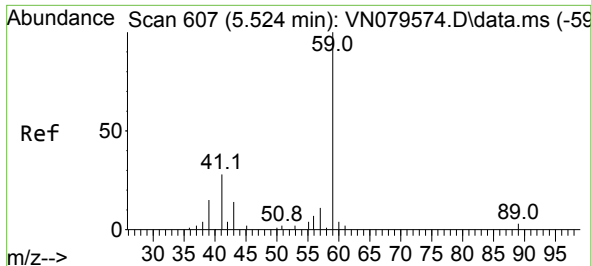
Tgt Ion: 63 Resp: 527469
Ion Ratio Lower Upper
63 100
98 7.5 2.8 8.4
100 4.5 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 51.370 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 96 Resp: 310398
Ion Ratio Lower Upper
96 100
61 154.0 124.6 186.8
98 63.8 54.2 81.4

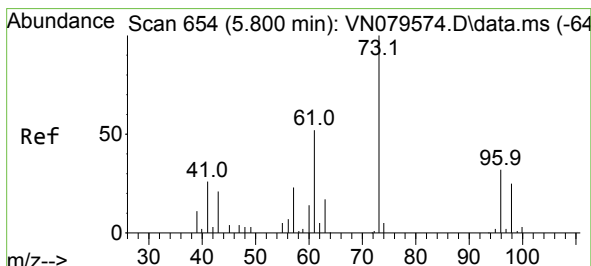
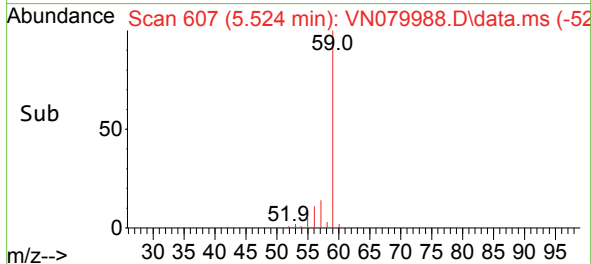
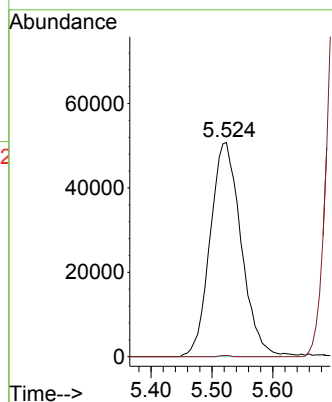
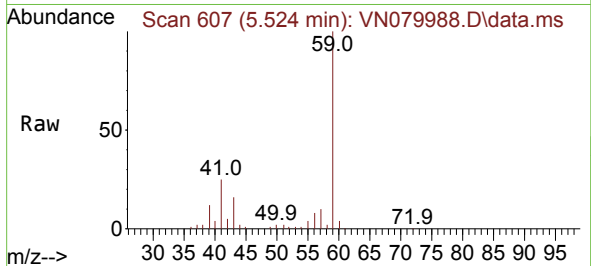




#23
tert-Butyl Alcohol
Concen: 272.953 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

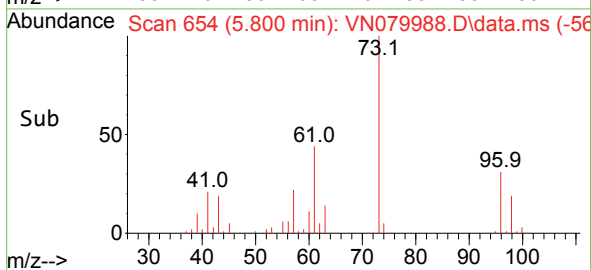
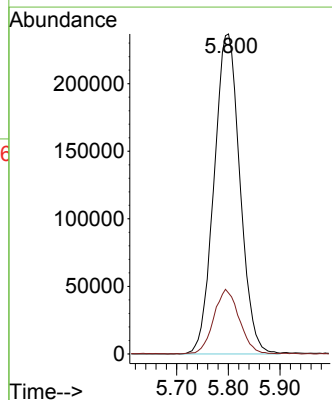
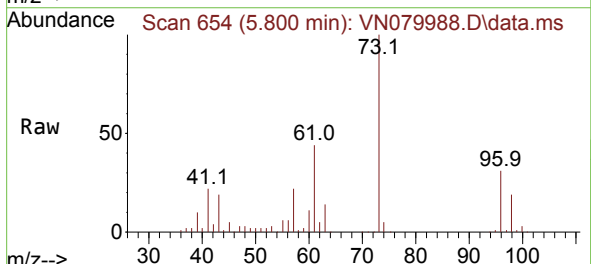
Instrument :
MSVOA_N
ClientSampleId :

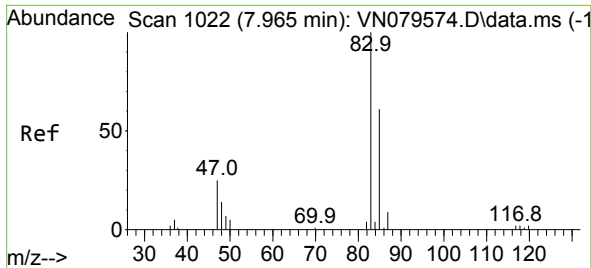
Tgt Ion: 59 Resp: 179160
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 53.239 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 73 Resp: 823478
Ion Ratio Lower Upper
73 100
43 19.8 16.6 24.8

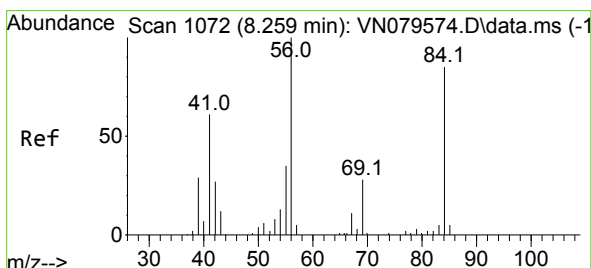
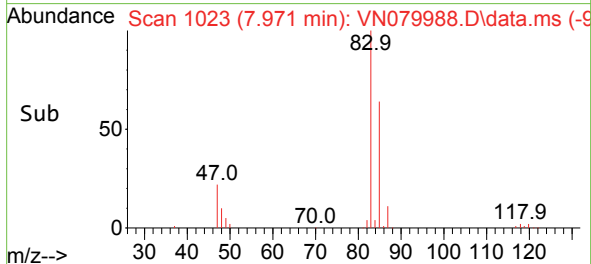
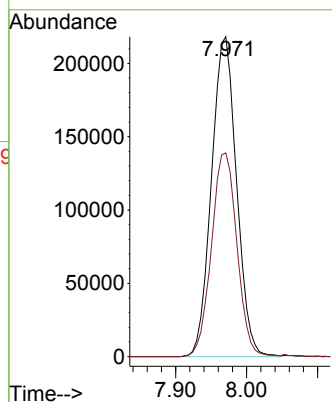
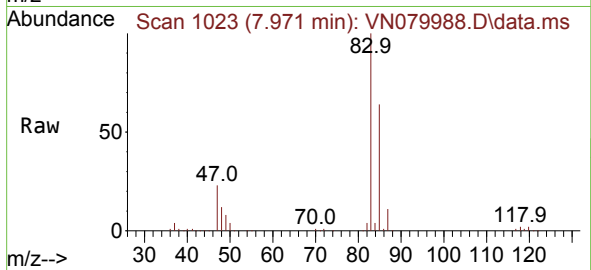




#25
Chloroform
Concen: 50.615 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

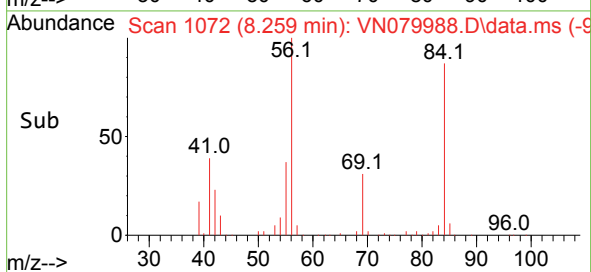
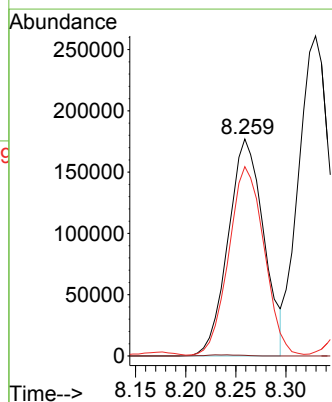
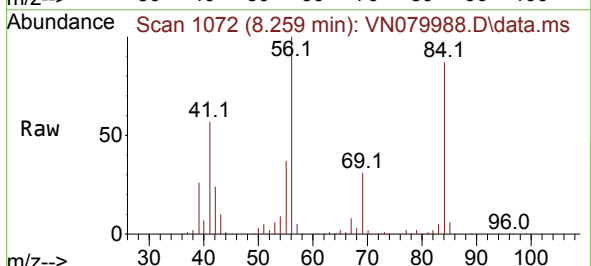
Instrument :
MSVOA_N
ClientSampleId :

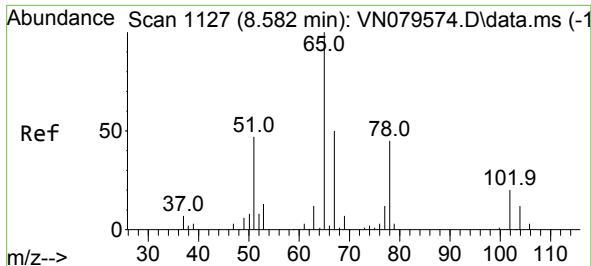
Tgt Ion: 83 Resp: 534974
Ion Ratio Lower Upper
83 100
85 63.7 47.4 71.2



#26
Cyclohexane
Concen: 54.207 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 56 Resp: 436646
Ion Ratio Lower Upper
56 100
89 0.5 0.0 0.0#
84 87.2 69.0 103.4





#27

1,2-Dichloroethane-d4

Concen: 29.772 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

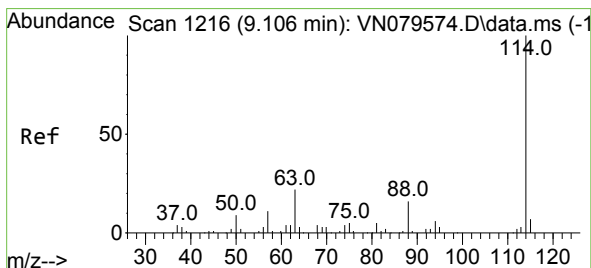
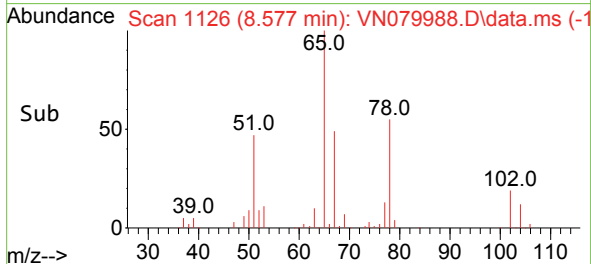
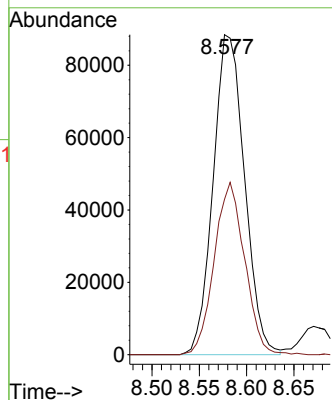
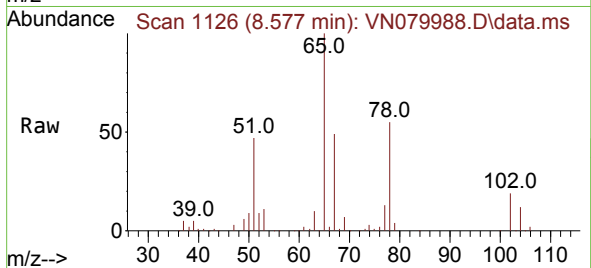
ClientSampleId :

Tgt Ion: 65 Resp: 203909

Ion Ratio Lower Upper

65 100

67 52.1 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: VN079988.D

Acq: 08 Nov 2023 13:09

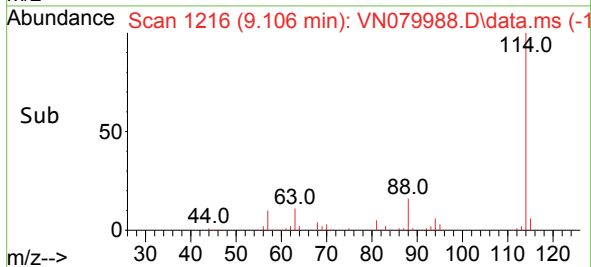
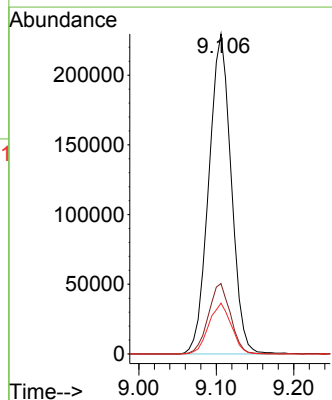
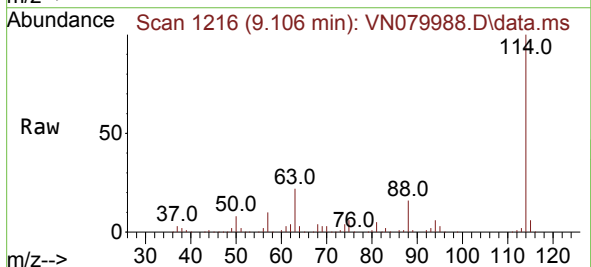
Tgt Ion: 114 Resp: 460335

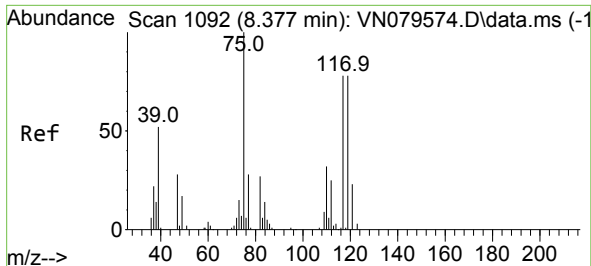
Ion Ratio Lower Upper

114 100

63 21.8 18.1 27.1

88 16.0 12.2 18.2





#29

1,1-Dichloropropene

Concen: 51.538 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

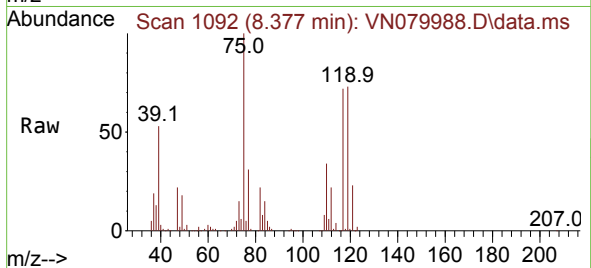
Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :



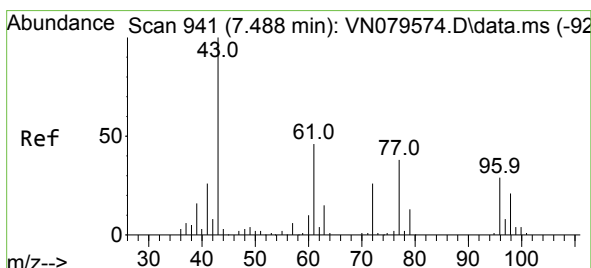
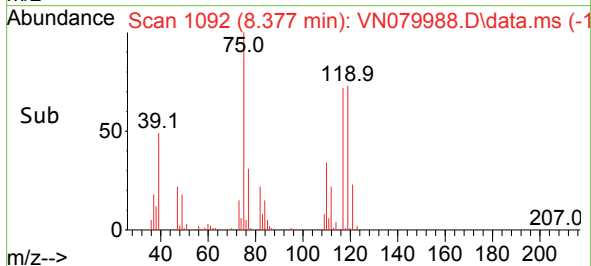
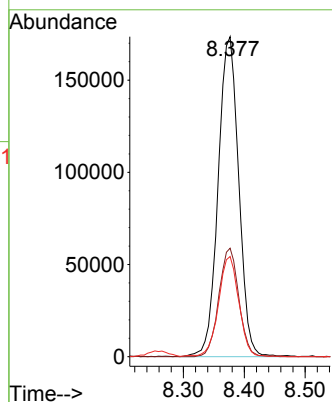
Tgt Ion: 75 Resp: 407177

Ion Ratio Lower Upper

75 100

110 32.9 0.0 66.8

77 30.7 0.0 61.2



#30

2-Butanone

Concen: 260.272 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

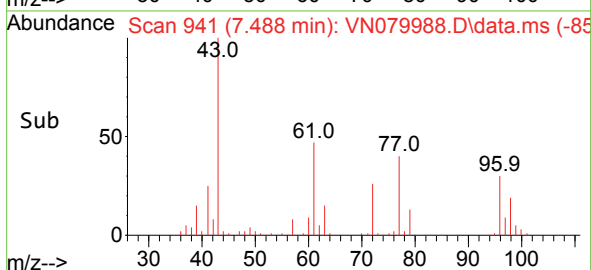
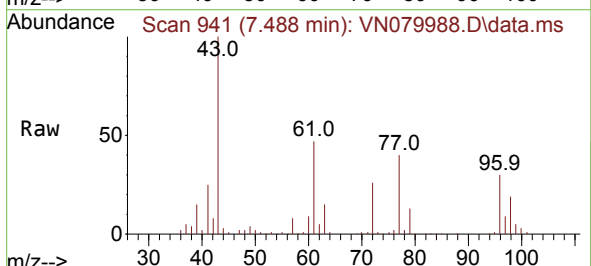
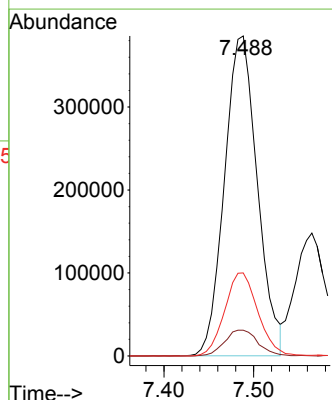
Tgt Ion: 43 Resp: 982032

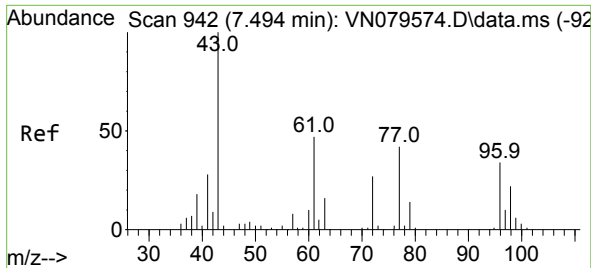
Ion Ratio Lower Upper

43 100

57 8.2 6.4 9.6

72 26.3 20.7 31.1

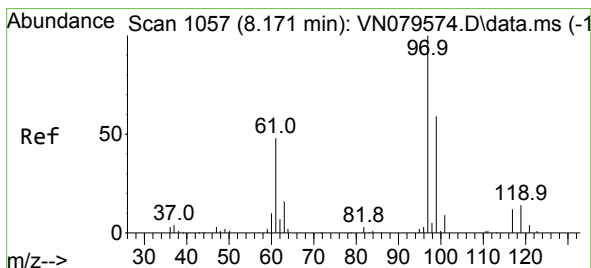
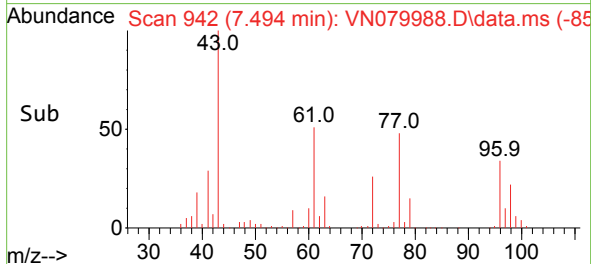
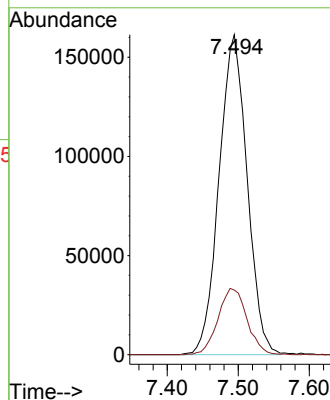
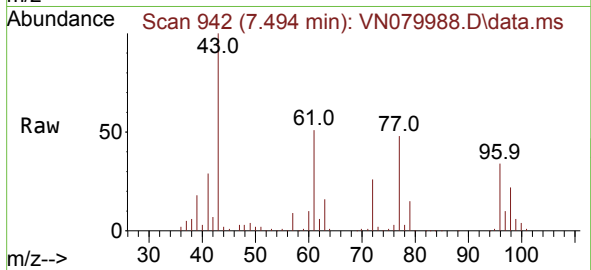




#31
2,2-Dichloropropane
Concen: 51.870 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

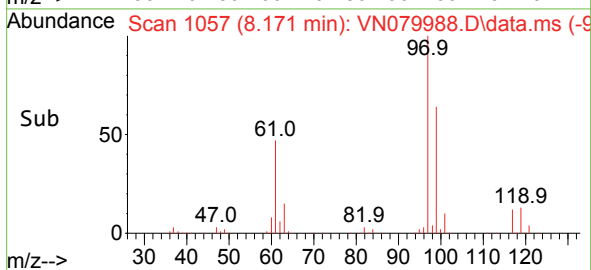
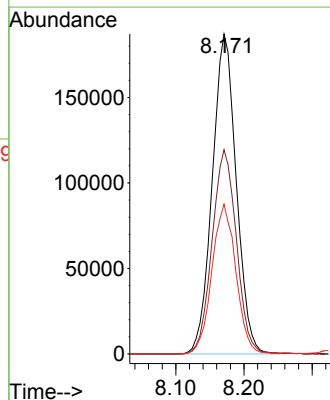
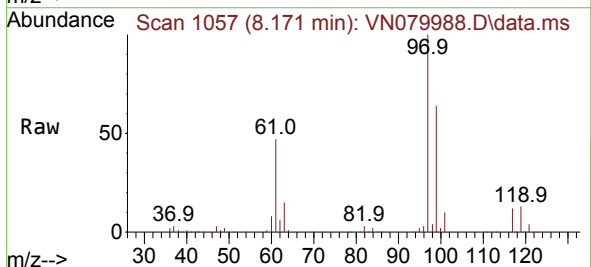
Instrument :
MSVOA_N
ClientSampleId :

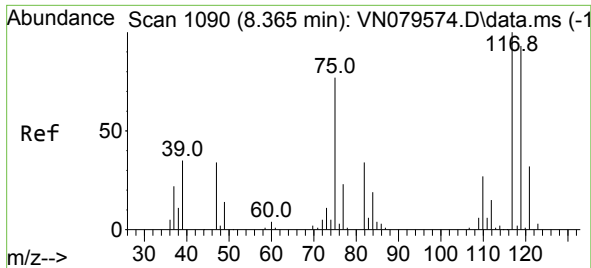
Tgt Ion: 77 Resp: 442920
Ion Ratio Lower Upper
77 100
97 21.3 17.9 26.9



#32
1,1,1-Trichloroethane
Concen: 50.850 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 97 Resp: 458631
Ion Ratio Lower Upper
97 100
99 64.7 51.9 77.9
61 46.8 37.6 56.4

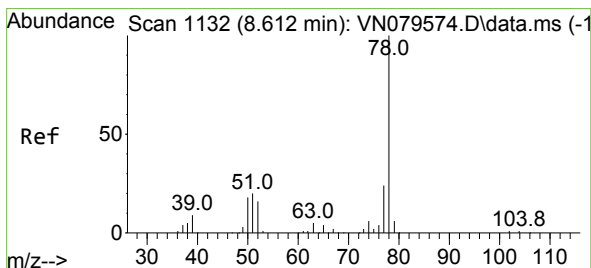
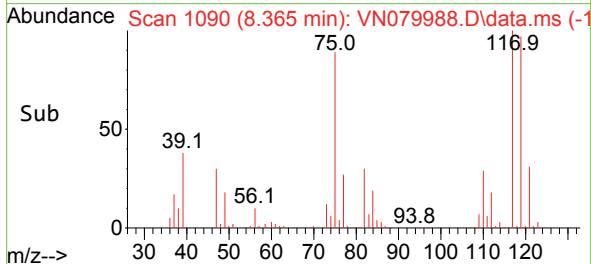
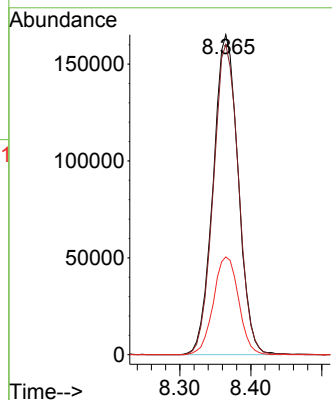
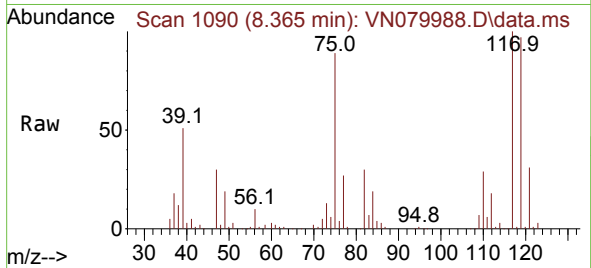




#33
Carbon Tetrachloride
Concen: 51.019 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

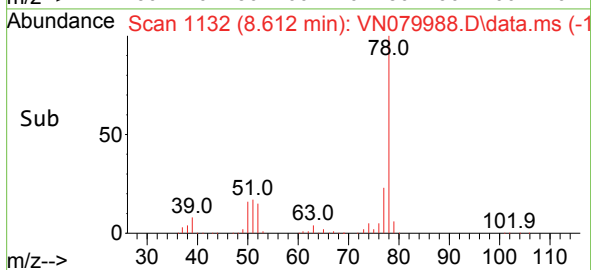
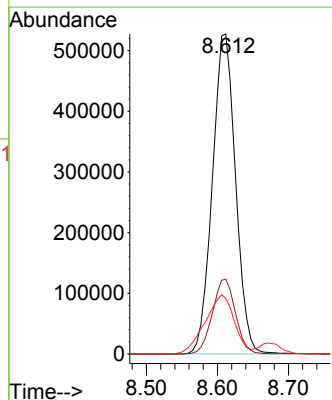
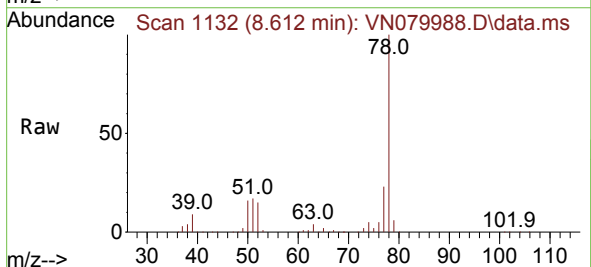
Instrument :
MSVOA_N
ClientSampleId :

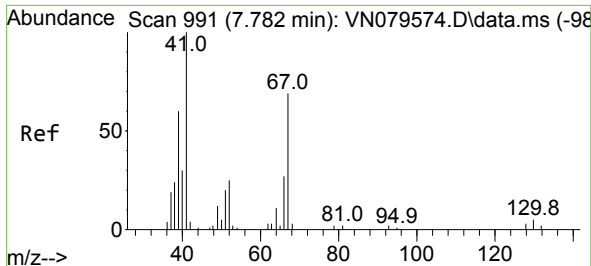
Tgt Ion:117 Resp: 404456
Ion Ratio Lower Upper
117 100
119 96.9 75.0 112.6
121 30.6 24.3 36.5



#34
Benzene
Concen: 50.856 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 78 Resp: 1193561
Ion Ratio Lower Upper
78 100
77 23.3 19.7 29.5
51 16.9 15.8 23.6



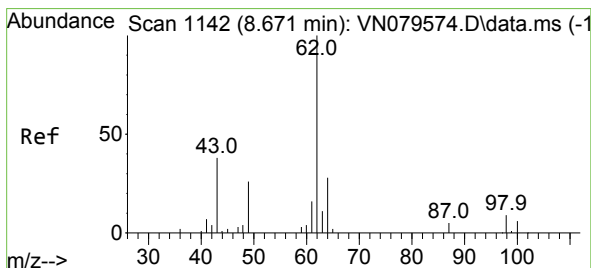
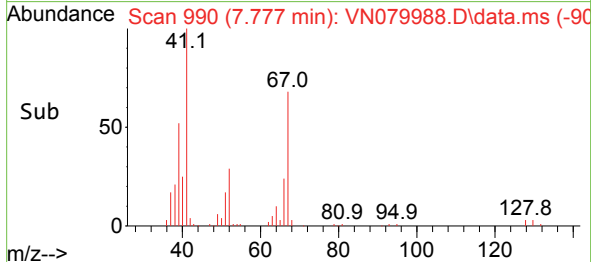
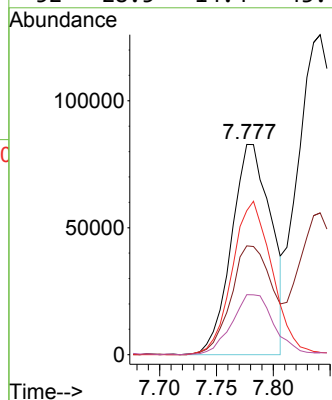
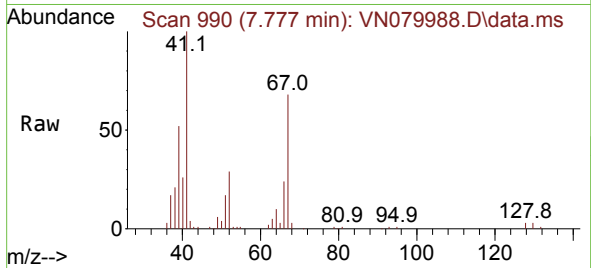


#35
Methacrylonitrile
Concen: 50.801 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 200958

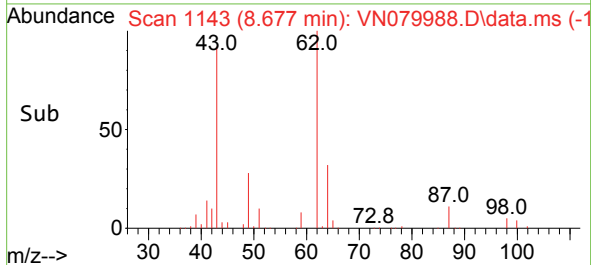
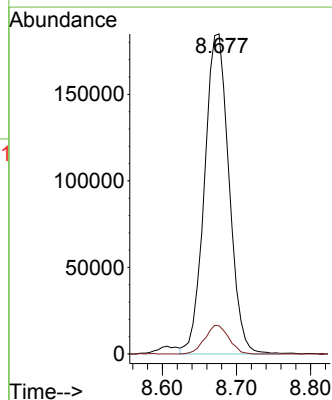
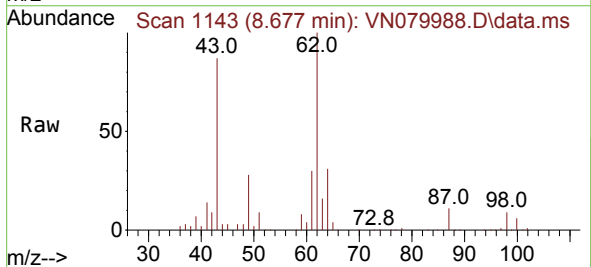
Ion	Ratio	Lower	Upper
41	100		
39	51.8	26.3	78.8
67	68.5	37.5	112.3
52	28.5	14.4	43.4

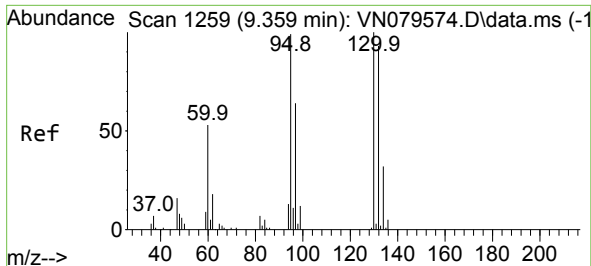


#36
1,2-Dichloroethane
Concen: 50.051 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 62 Resp: 425118

Ion	Ratio	Lower	Upper
62	100		
98	8.7	7.2	10.8





#37

Trichloroethene

Concen: 50.630 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

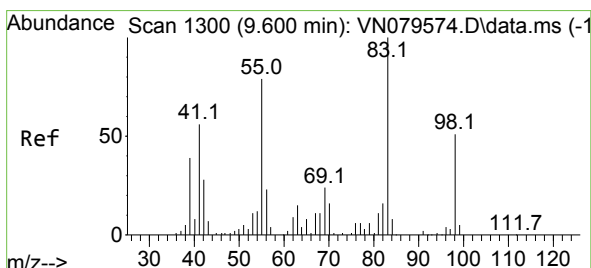
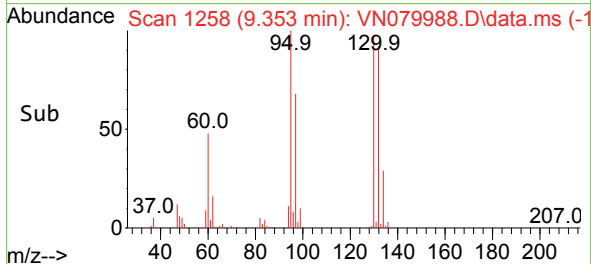
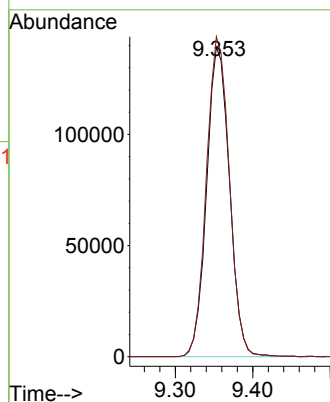
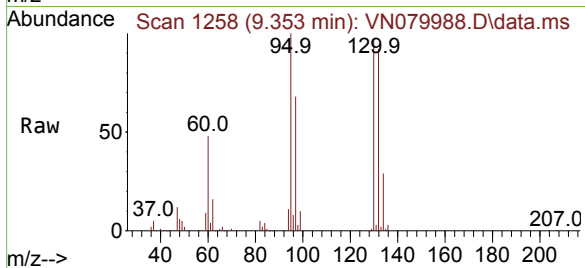
ClientSampleId :

Tgt Ion:130 Resp: 285762

Ion Ratio Lower Upper

130 100

95 103.2 81.2 121.8



#38

Methylcyclohexane

Concen: 54.850 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

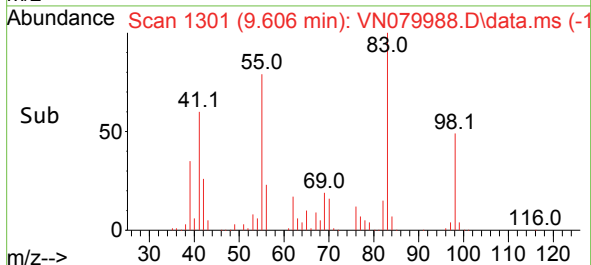
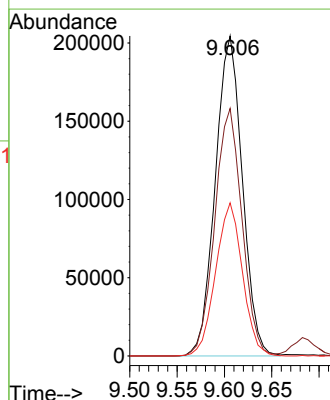
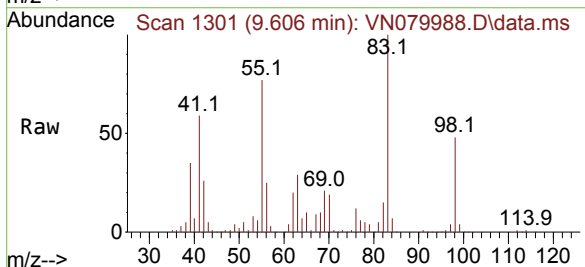
Tgt Ion: 83 Resp: 406891

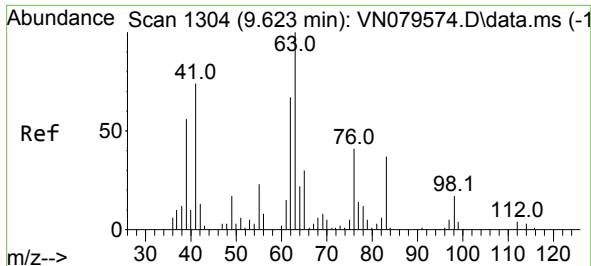
Ion Ratio Lower Upper

83 100

55 77.9 39.7 119.1

98 47.5 24.4 73.2





#39

1,2-Dichloropropane

Concen: 50.447 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

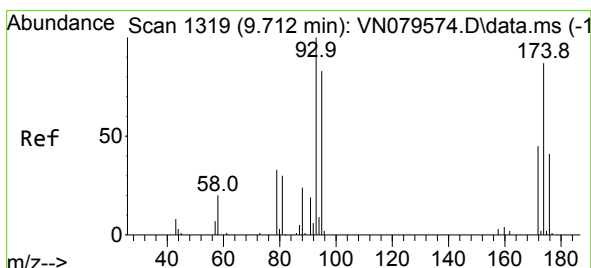
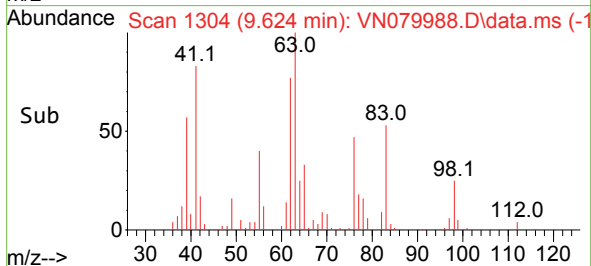
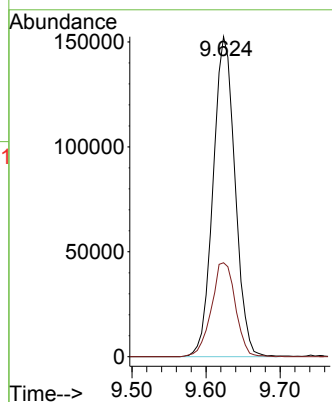
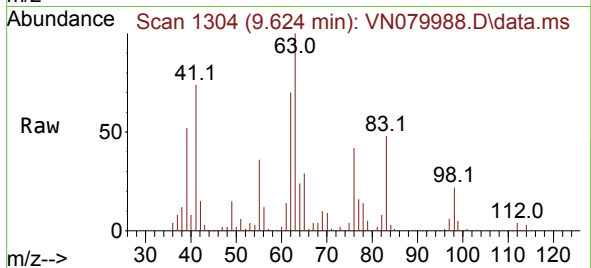
ClientSampleId :

Tgt Ion: 63 Resp: 313372

Ion Ratio Lower Upper

63 100

65 29.3 25.3 37.9



#40

Dibromomethane

Concen: 50.959 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

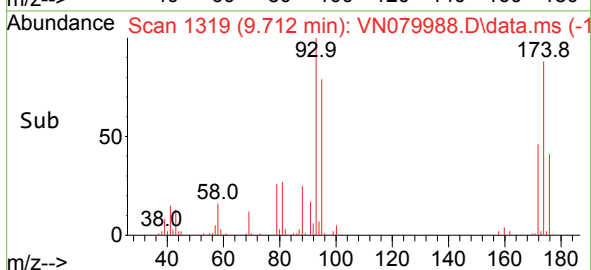
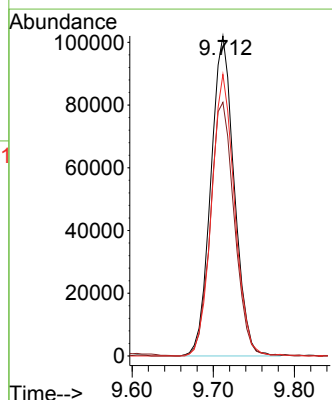
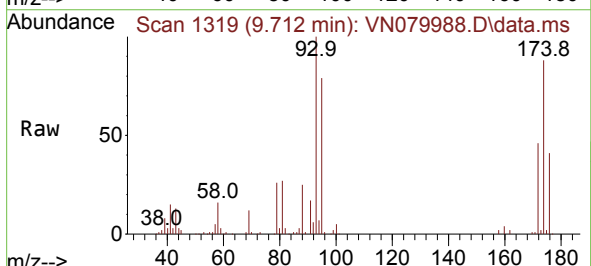
Tgt Ion: 93 Resp: 204618

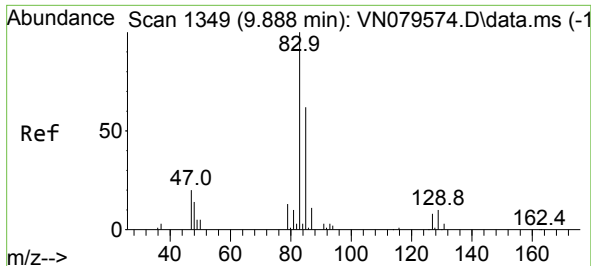
Ion Ratio Lower Upper

93 100

95 81.1 0.0 166.6

174 86.3 0.0 171.0

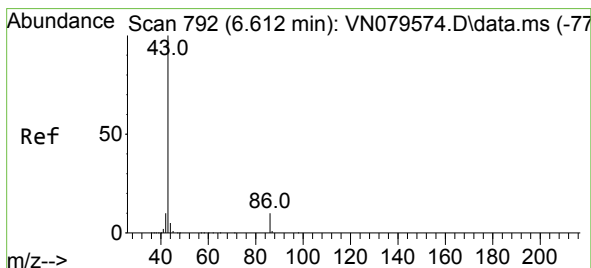
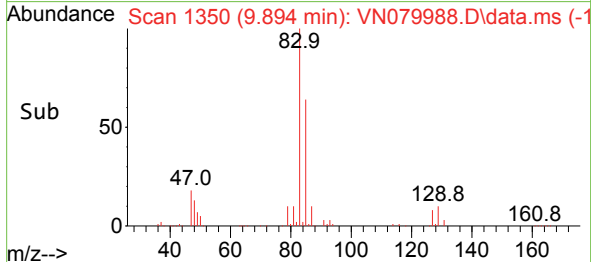
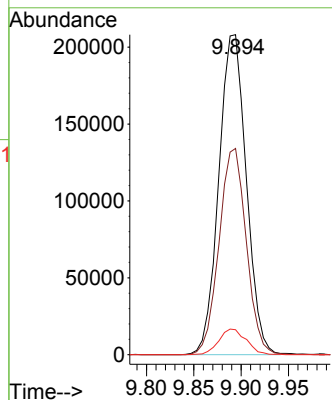
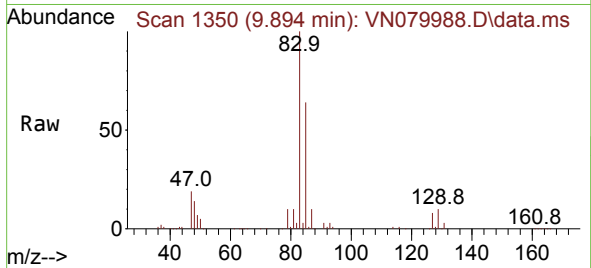




#41
Bromodichloromethane
Concen: 50.598 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

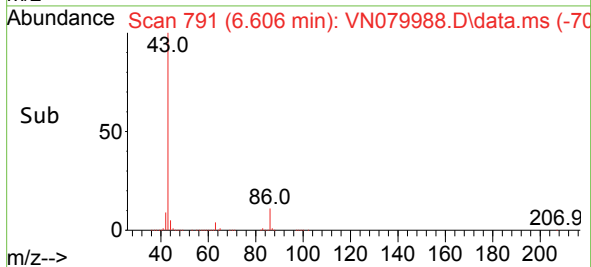
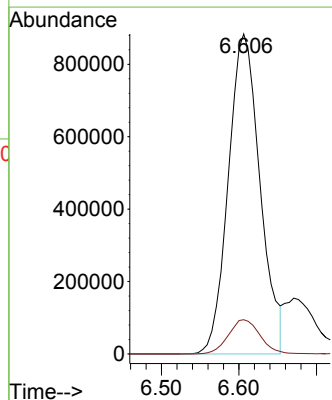
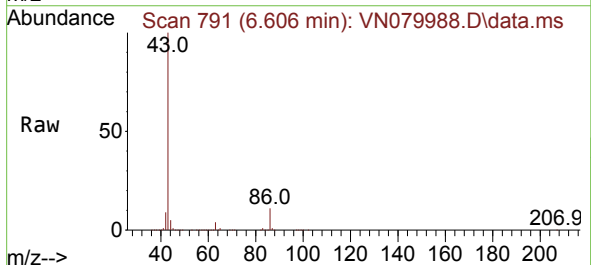
Instrument :
MSVOA_N
ClientSampleId :

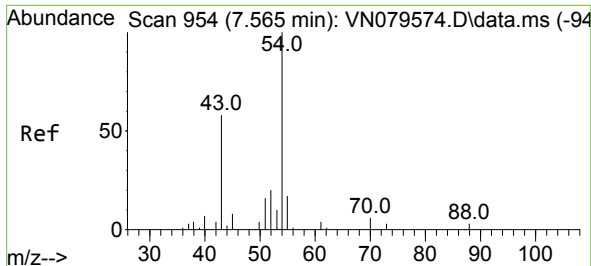
Tgt Ion: 83 Resp: 420789
Ion Ratio Lower Upper
83 100
85 64.5 50.3 75.5
127 7.8 6.8 10.2



#42
Vinyl Acetate
Concen: 268.662 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 43 Resp: 2517895
Ion Ratio Lower Upper
43 100
86 10.7 8.2 12.2

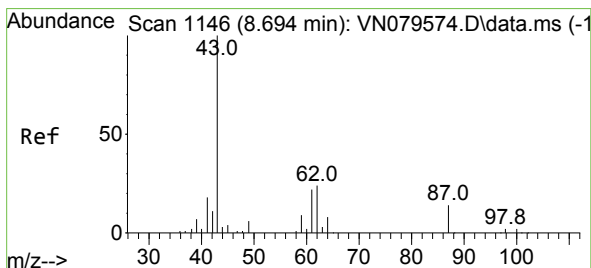
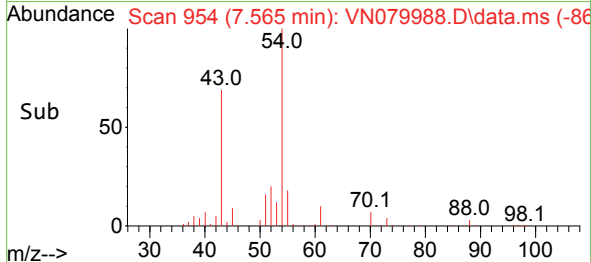
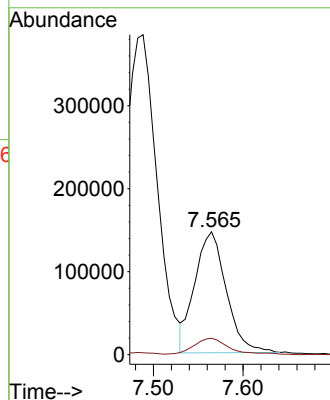
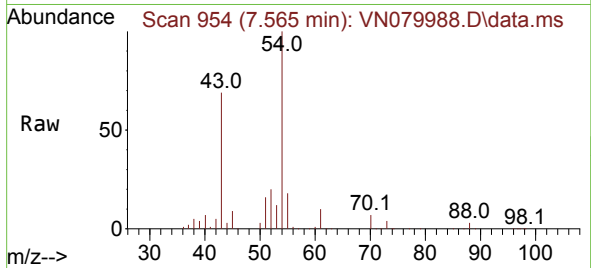




#43
Ethyl Acetate
Concen: 50.126 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

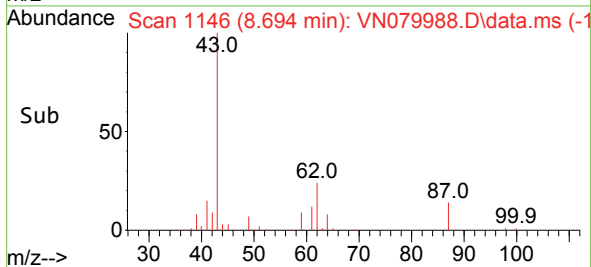
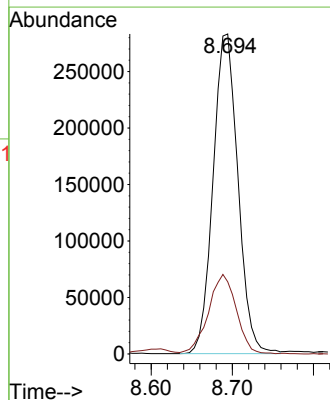
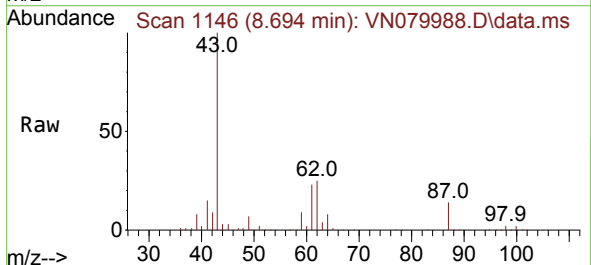
Instrument :
MSVOA_N
ClientSampleId :

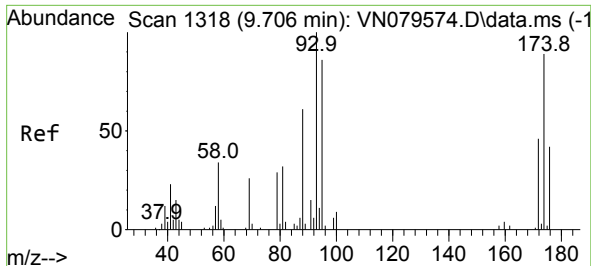
Tgt Ion: 43 Resp: 355290
Ion Ratio Lower Upper
43 100
45 13.5 11.8 17.8



#44
Isopropyl Acetate
Concen: 52.202 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

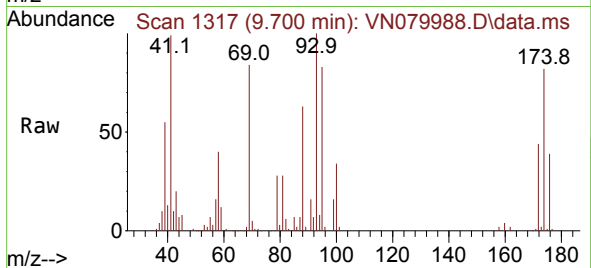
Tgt Ion: 43 Resp: 602896
Ion Ratio Lower Upper
43 100
61 28.0 20.3 30.5



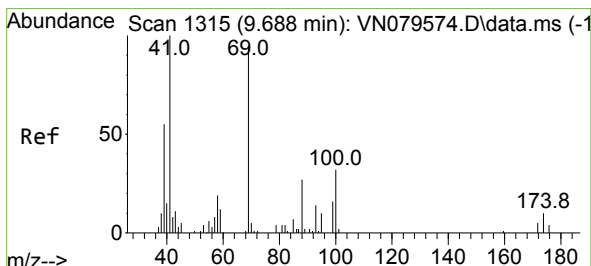
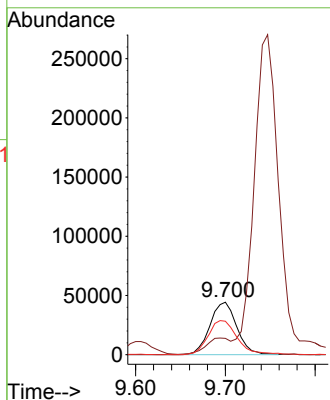
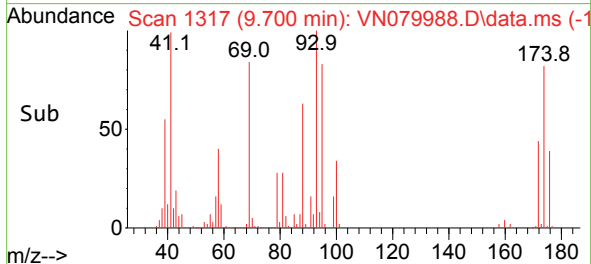


#45
1,4-Dioxane
Concen: 1034.159 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

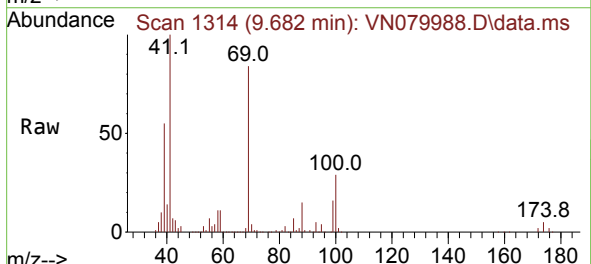
Instrument :
MSVOA_N
ClientSampleId :



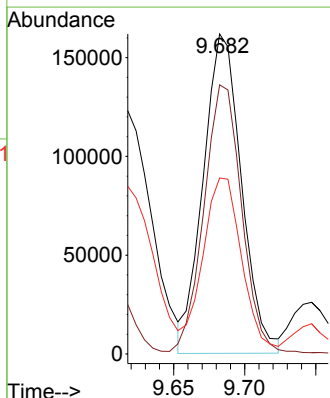
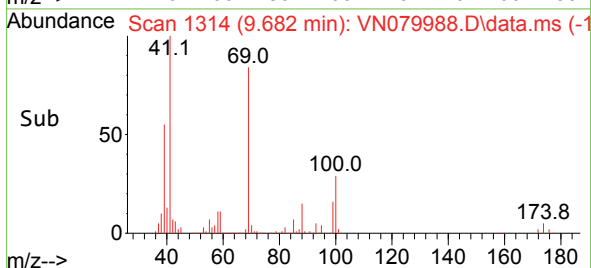
Tgt Ion: 88 Resp: 92044
Ion Ratio Lower Upper
88 100
43 28.4 28.7 43.1#
58 71.3 56.9 85.3

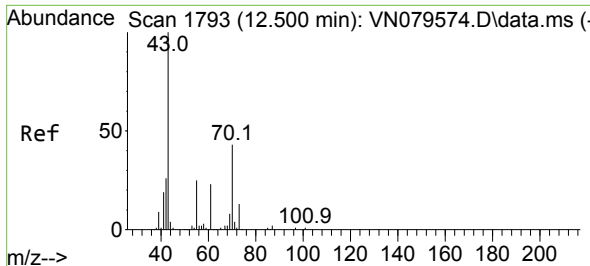


#46
Methyl methacrylate
Concen: 54.562 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09



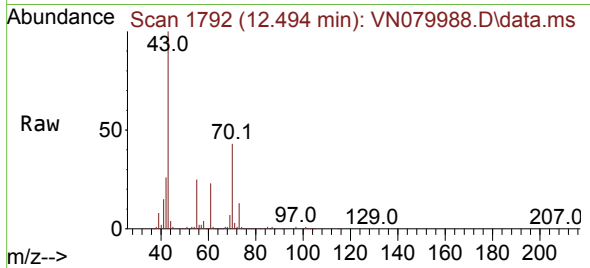
Tgt Ion: 41 Resp: 302916
Ion Ratio Lower Upper
41 100
69 86.8 40.0 119.9
39 55.3 31.1 93.3



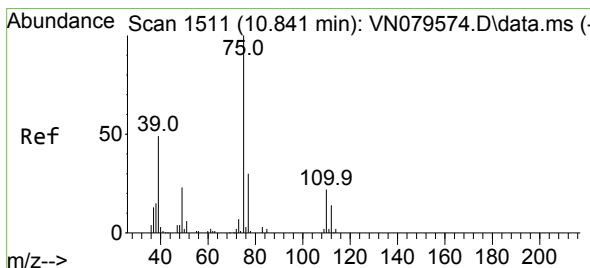
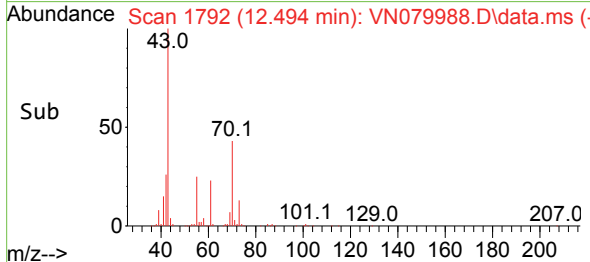
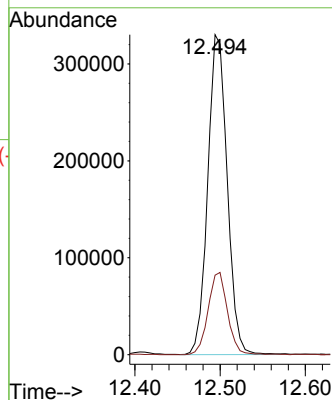


#47
n-amy1 Acetate
Concen: 56.395 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :

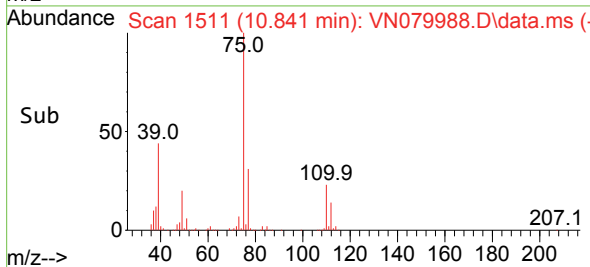
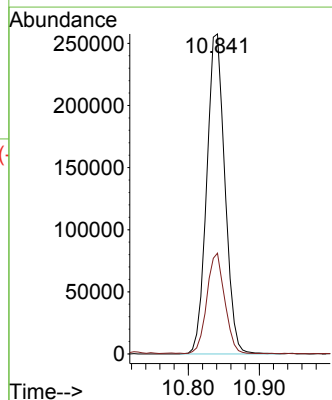
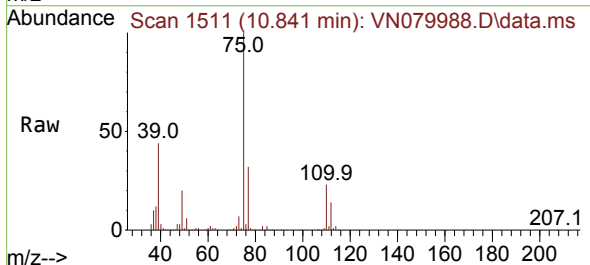


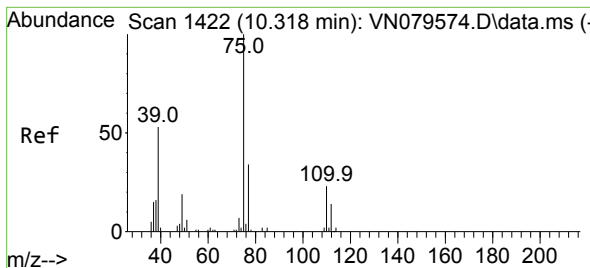
Tgt Ion: 43 Resp: 523170
Ion Ratio Lower Upper
43 100
55 25.6 20.7 31.1



#48
t-1,3-Dichloropropene
Concen: 53.912 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 75 Resp: 457885
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 52.414 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

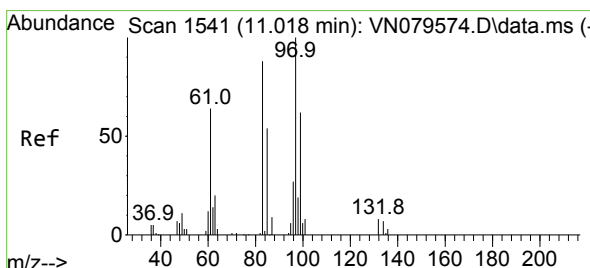
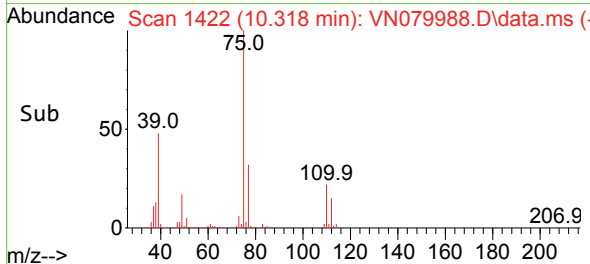
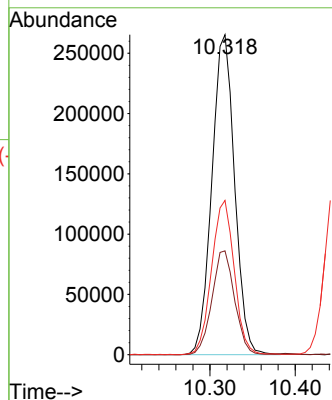
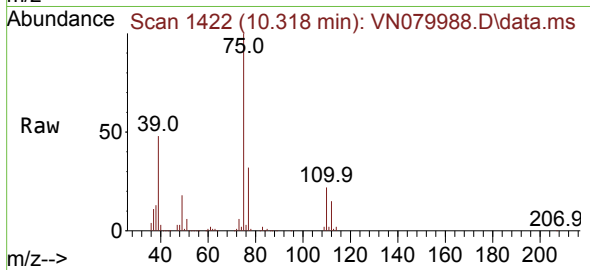
Tgt Ion: 75 Resp: 492117

Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6

39 48.2 42.4 63.6



#50

1,1,2-Trichloroethane

Concen: 50.377 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Tgt Ion: 97 Resp: 275931

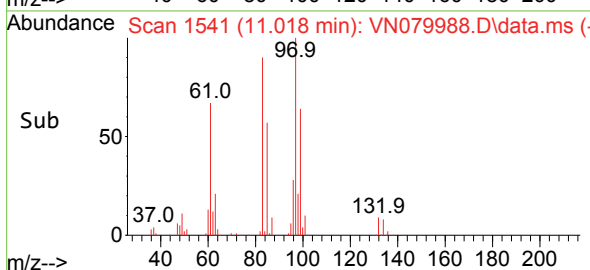
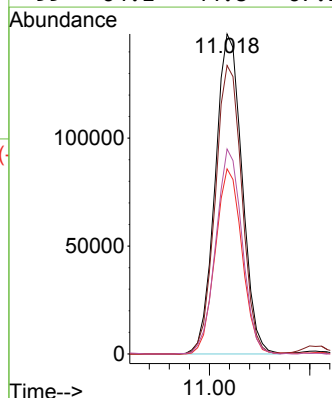
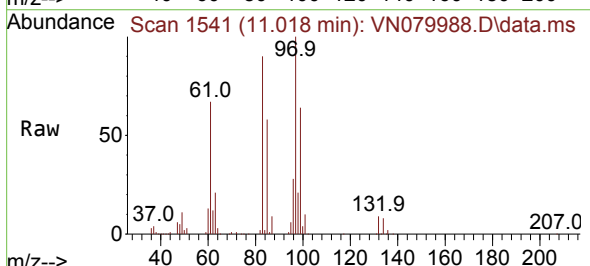
Ion Ratio Lower Upper

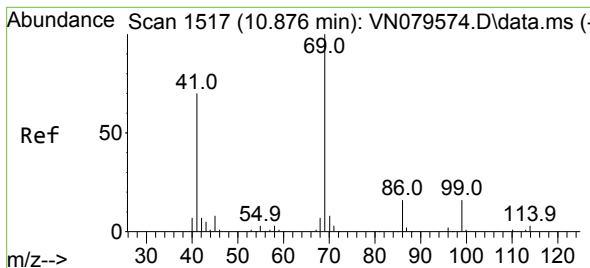
97 100

83 90.2 68.2 102.4

85 57.8 42.9 64.3

99 64.1 44.8 67.2





#51

Ethyl methacrylate

Concen: 54.827 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

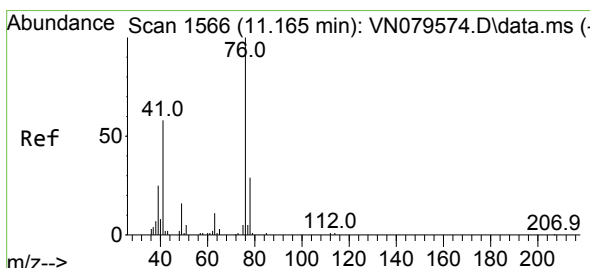
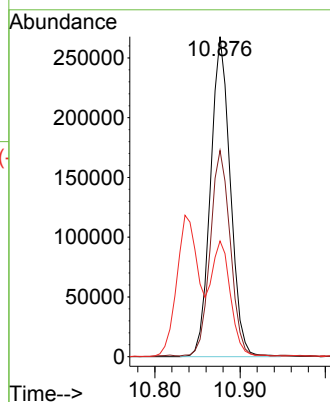
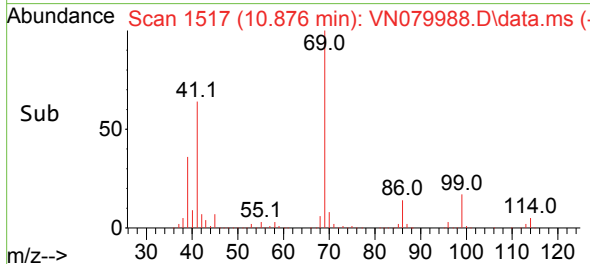
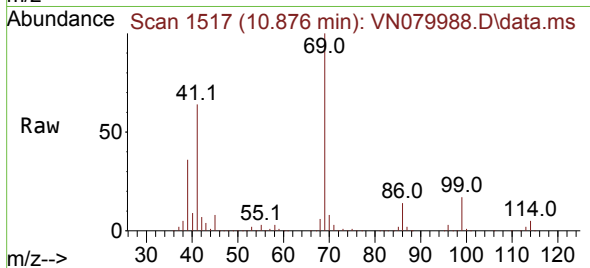
Tgt Ion: 69 Resp: 431640

Ion Ratio Lower Upper

69 100

41 64.2 33.8 101.3

39 35.9 21.3 63.9



#52

1,3-Dichloropropane

Concen: 51.122 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079988.D

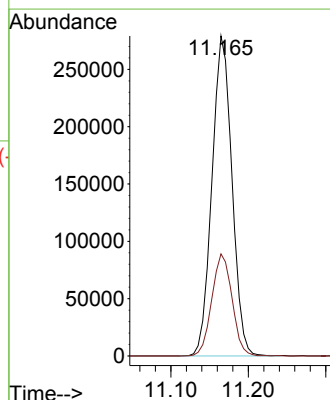
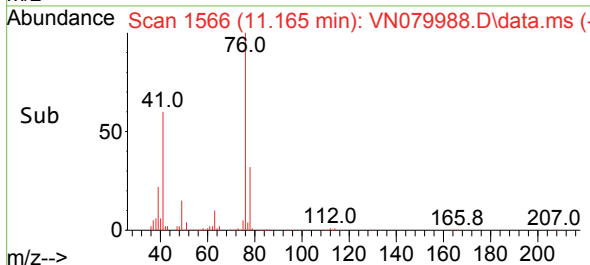
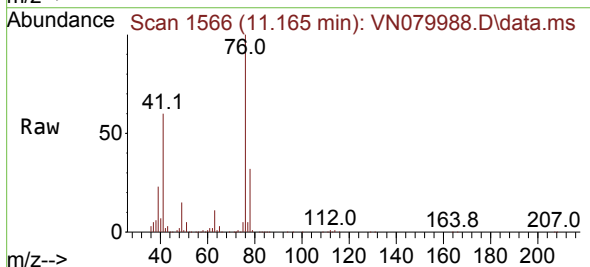
Acq: 08 Nov 2023 13:09

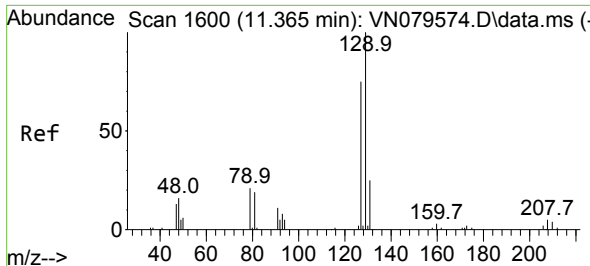
Tgt Ion: 76 Resp: 500610

Ion Ratio Lower Upper

76 100

78 32.2 0.0 64.0

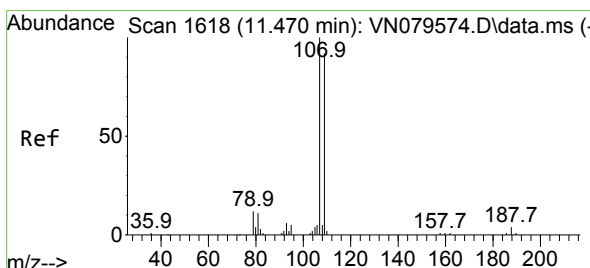
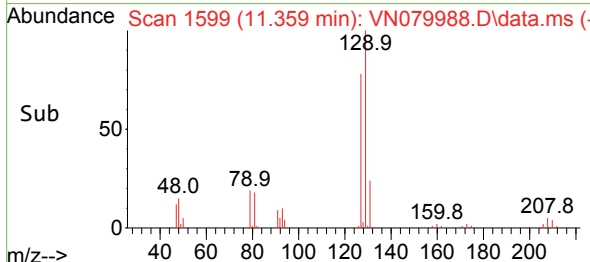
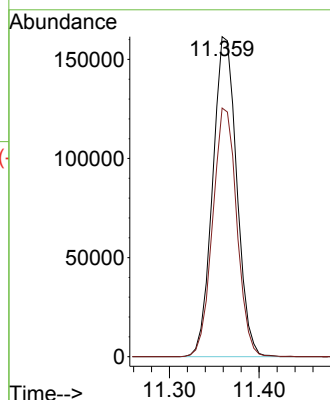
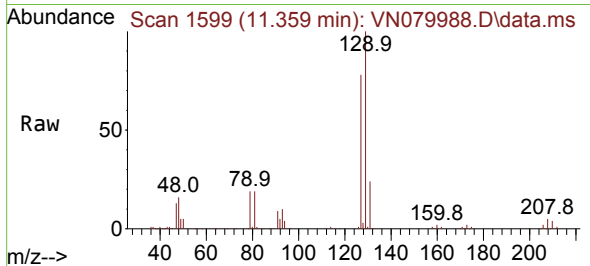




#53
Dibromochloromethane
Concen: 51.361 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

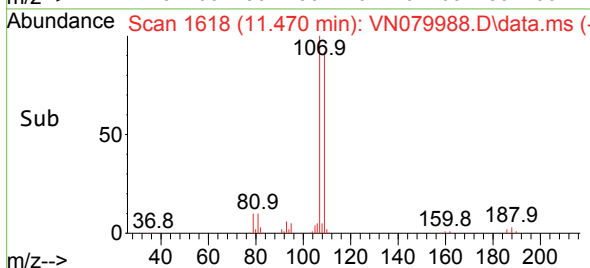
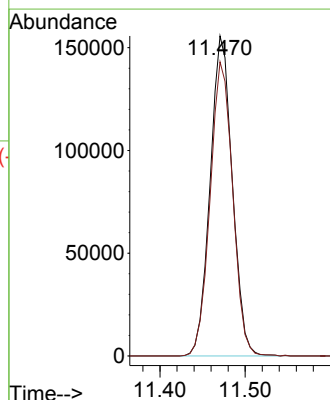
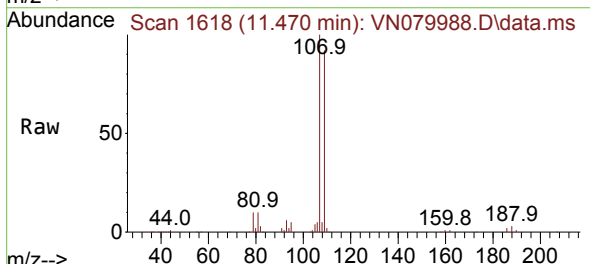
Instrument :
MSVOA_N
ClientSampleId :

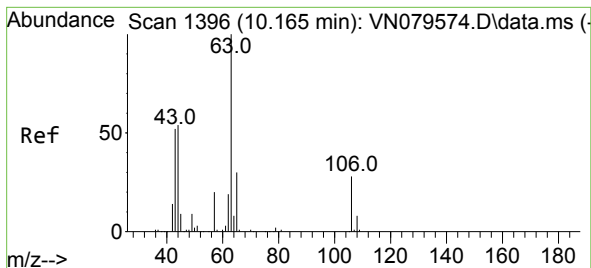
Tgt Ion:129 Resp: 300956
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.3



#54
1,2-Dibromoethane
Concen: 51.339 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion:107 Resp: 282365
Ion Ratio Lower Upper
107 100
109 93.3 73.2 109.8

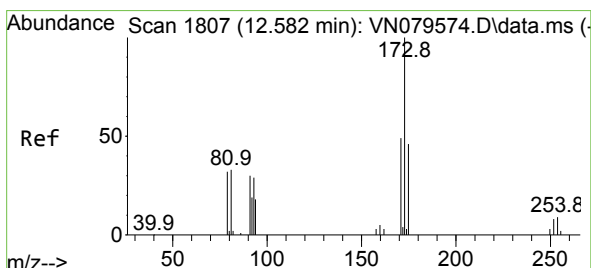
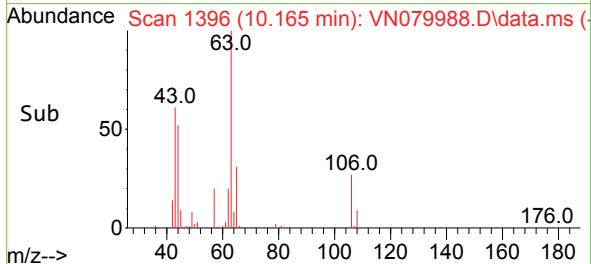
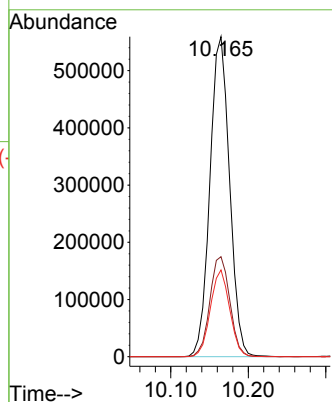
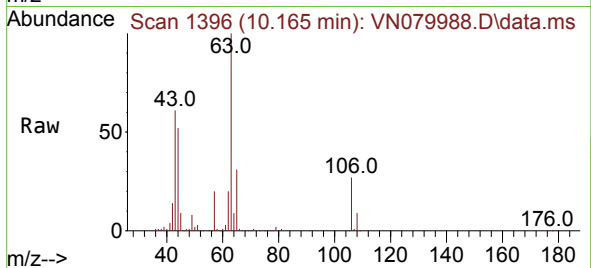




#55
2-Chloroethyl vinyl ether
Concen: 272.019 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

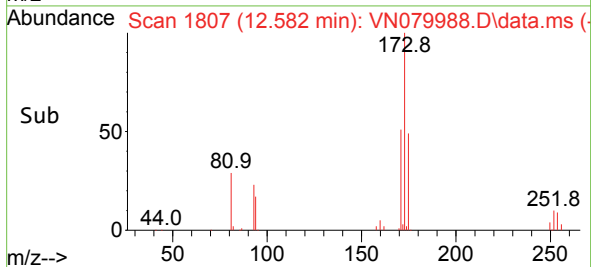
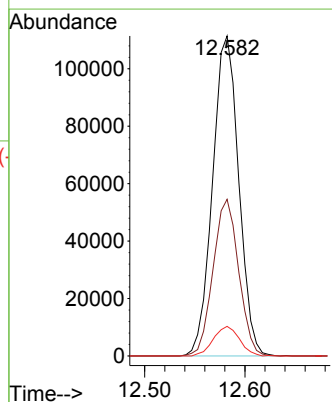
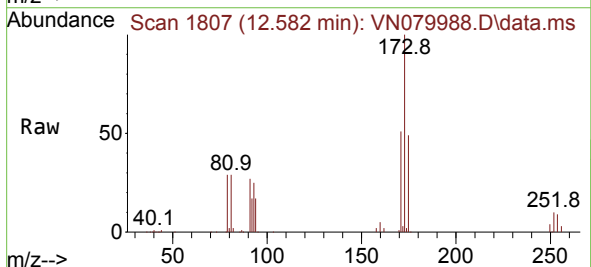
Instrument :
MSVOA_N
ClientSampleId :

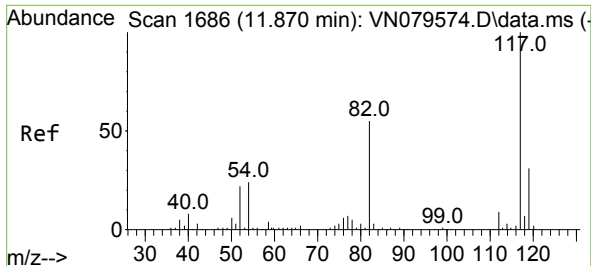
Tgt Ion: 63 Resp: 984960
Ion Ratio Lower Upper
63 100
65 31.8 25.9 38.9
106 26.6 20.6 30.8



#56
Bromoform
Concen: 52.493 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion:173 Resp: 201559
Ion Ratio Lower Upper
173 100
175 47.9 37.9 56.9
254 9.2 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: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

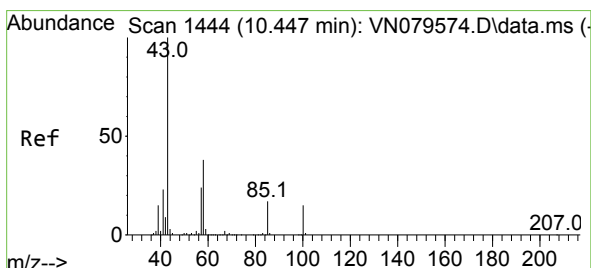
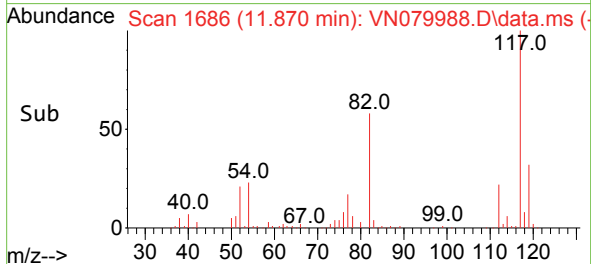
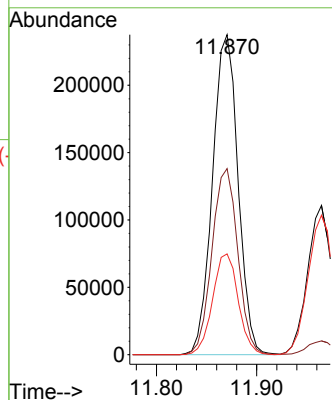
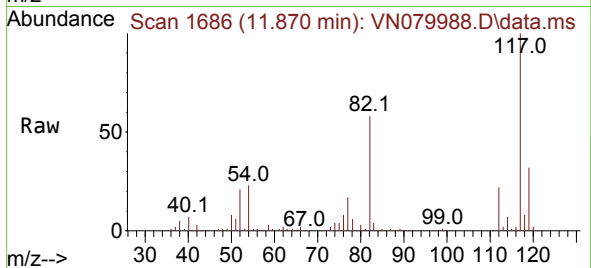
Tgt Ion:117 Resp: 420437

Ion Ratio Lower Upper

117 100

82 58.8 46.2 69.2

119 31.6 25.2 37.8



#58

4-Methyl-2-Pentanone

Concen: 265.106 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

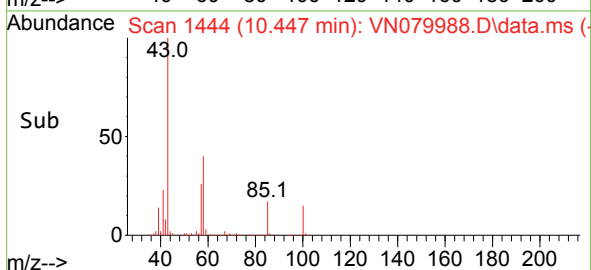
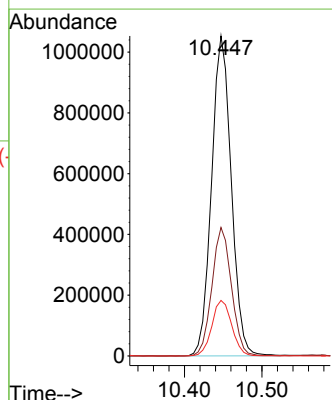
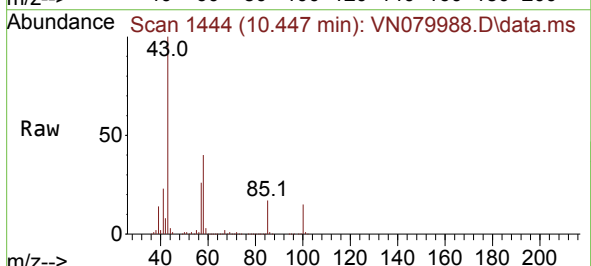
Tgt Ion: 43 Resp: 1862121

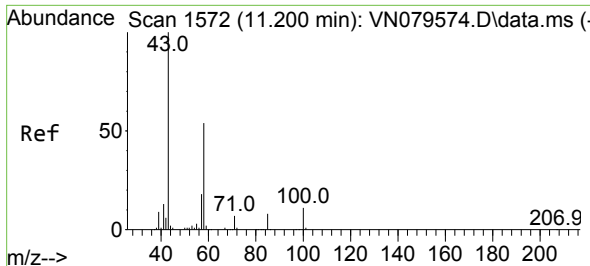
Ion Ratio Lower Upper

43 100

58 39.8 30.4 45.6

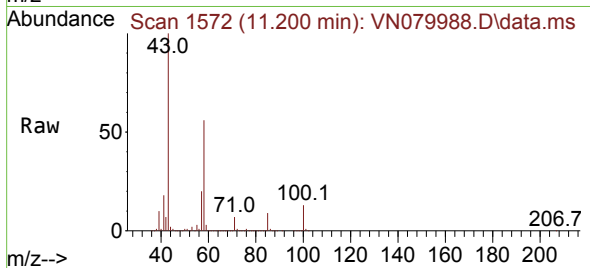
85 17.6 13.2 19.8



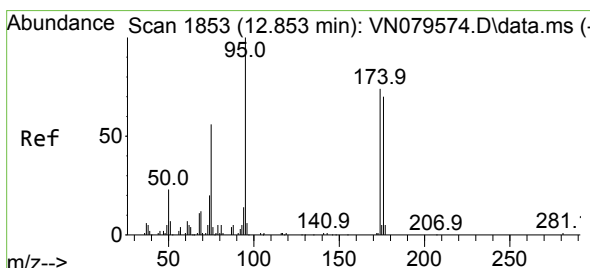
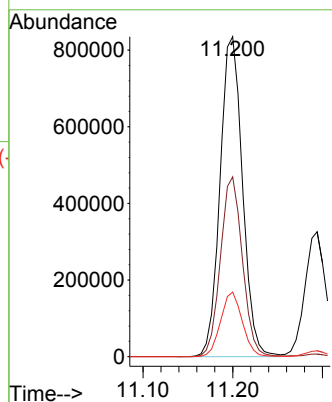
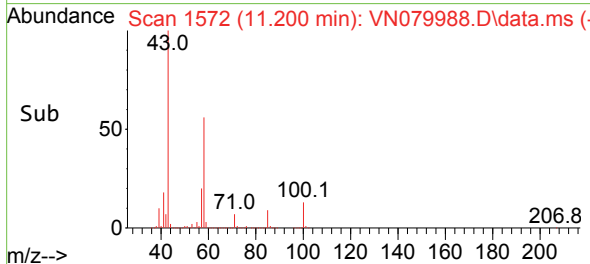


#59
2-Hexanone
Concen: 270.823 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :

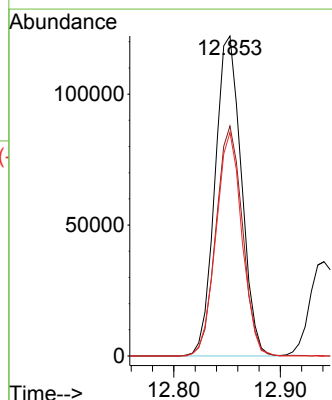
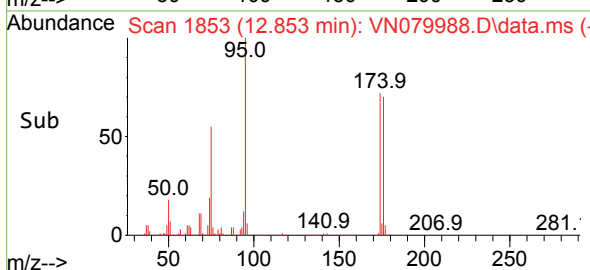
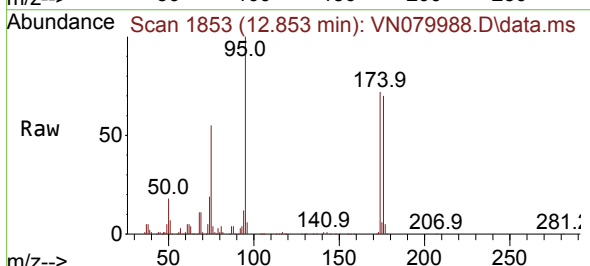


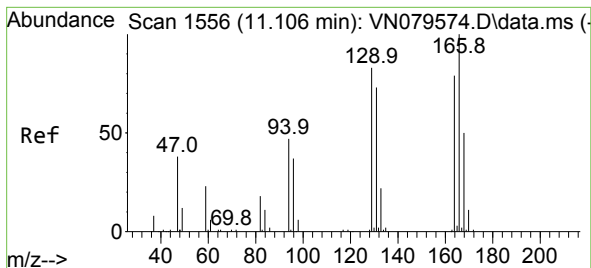
Tgt Ion: 43 Resp: 1449104
Ion Ratio Lower Upper
43 100
58 55.1 42.3 63.5
57 19.6 13.9 20.9



#60
4-Bromofluorobenzene
Concen: 31.251 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 95 Resp: 210117
Ion Ratio Lower Upper
95 100
174 71.9 60.5 90.7
176 68.7 57.2 85.8





#61

Tetrachloroethene

Concen: 50.046 ug/l

RT: 11.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:164 Resp: 246687

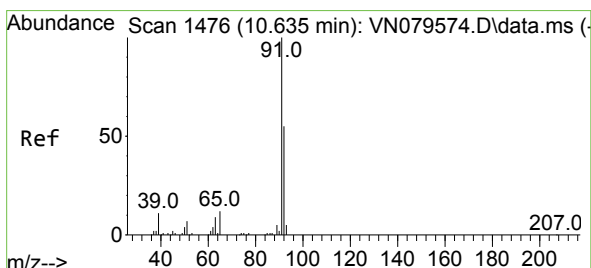
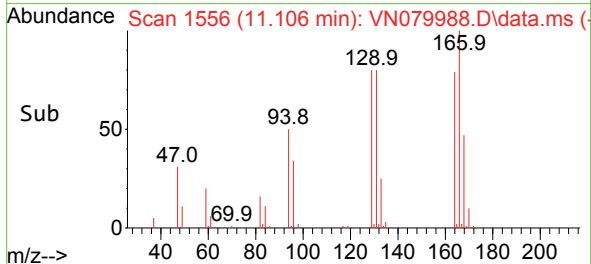
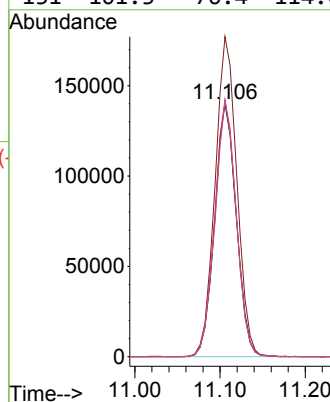
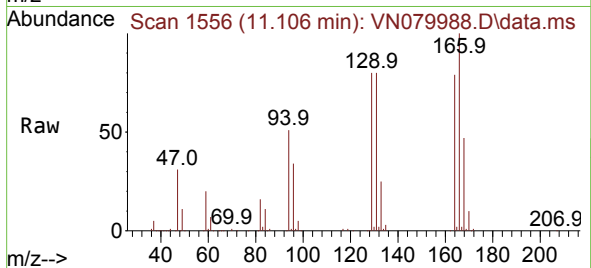
Ion Ratio Lower Upper

164 100

166 126.5 98.2 147.4

129 101.6 75.0 112.4

131 101.3 76.4 114.6



#62

Toluene

Concen: 51.844 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079988.D

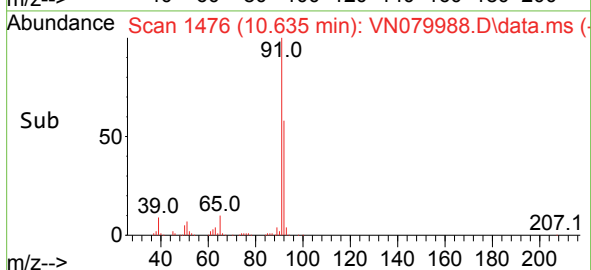
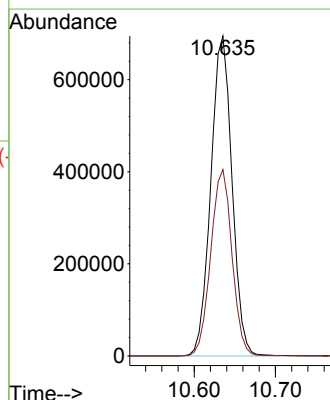
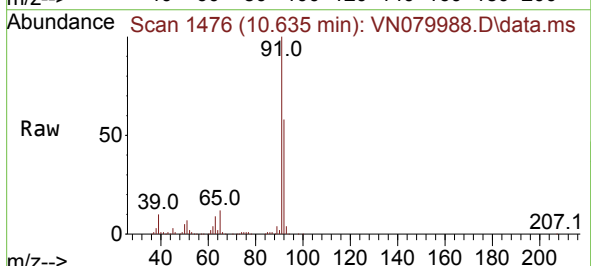
Acq: 08 Nov 2023 13:09

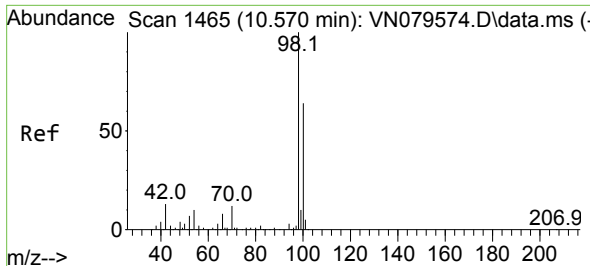
Tgt Ion: 91 Resp: 1260681

Ion Ratio Lower Upper

91 100

92 58.4 45.3 67.9

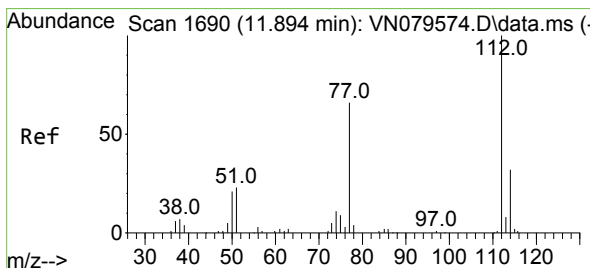
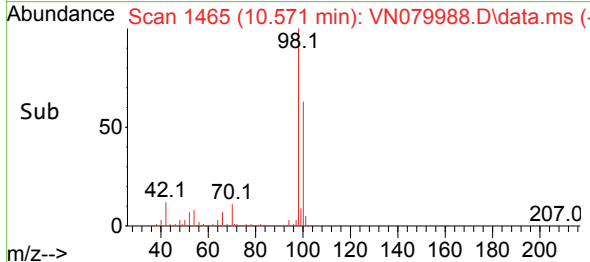
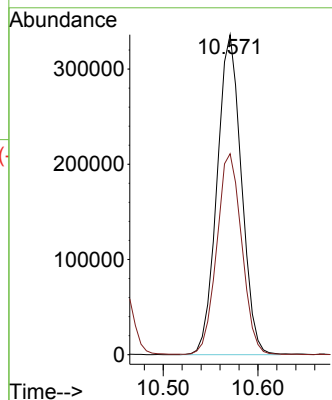
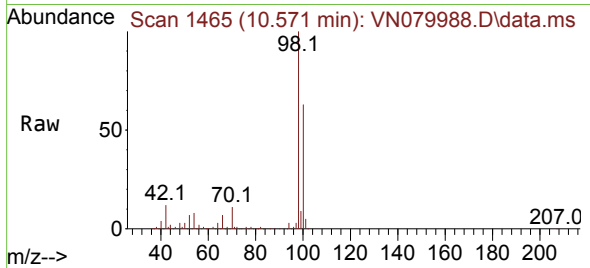




#63
Toluene-d8
Concen: 30.149 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

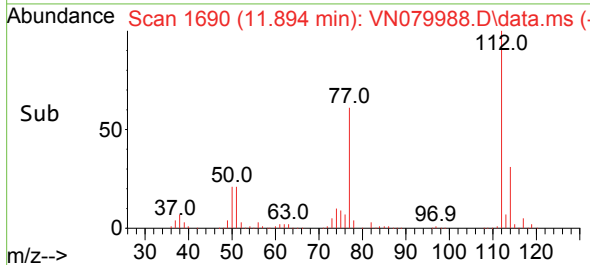
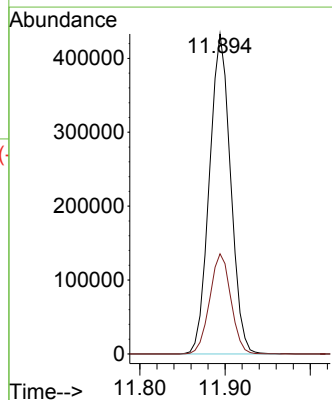
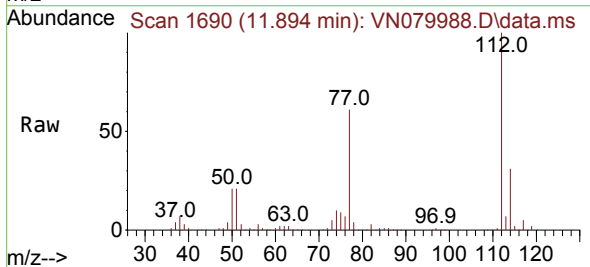
Instrument :
MSVOA_N
ClientSampleId :

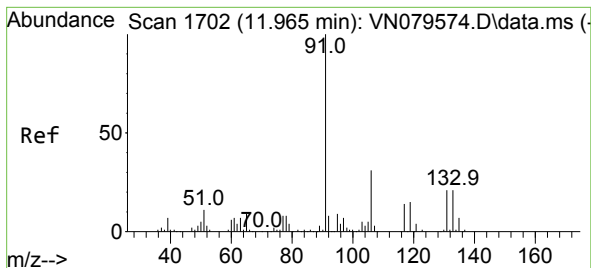
Tgt Ion: 98 Resp: 600602
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#64
Chlorobenzene
Concen: 51.512 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 112 Resp: 747509
Ion Ratio Lower Upper
112 100
114 31.3 28.1 42.1

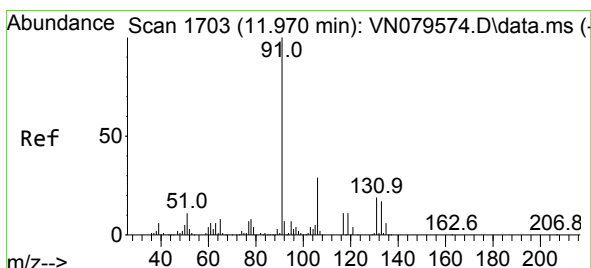
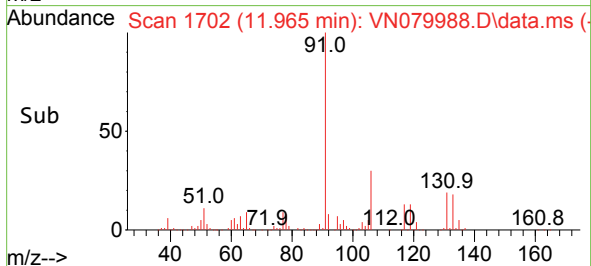
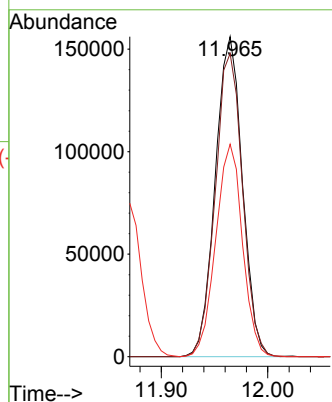
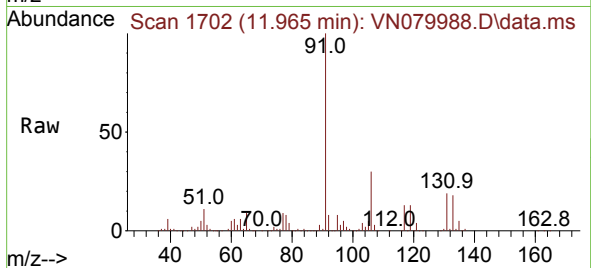




#65
1,1,1,2-Tetrachloroethane
Concen: 51.865 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

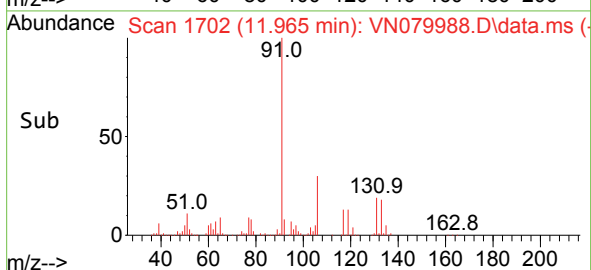
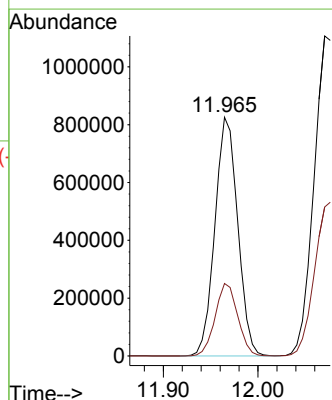
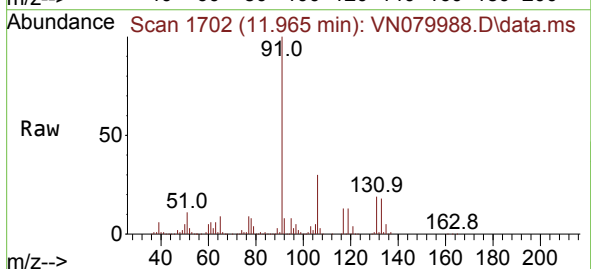
Instrument :
MSVOA_N
ClientSampleId :

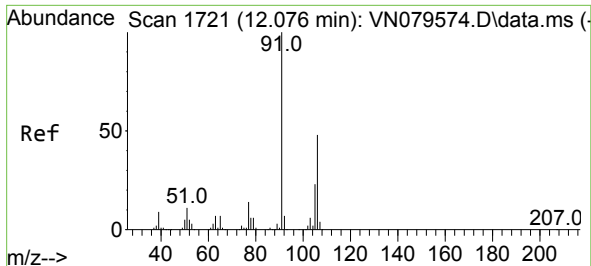
Tgt Ion:131 Resp: 276086
Ion Ratio Lower Upper
131 100
133 95.3 0.0 196.0
119 65.5 0.0 135.6



#66
Ethyl Benzene
Concen: 54.100 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 91 Resp: 1382397
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.8

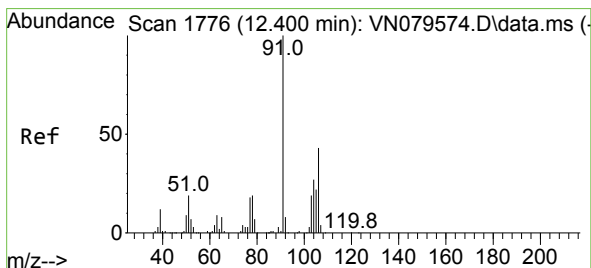
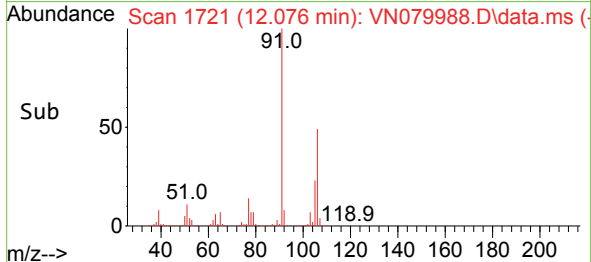
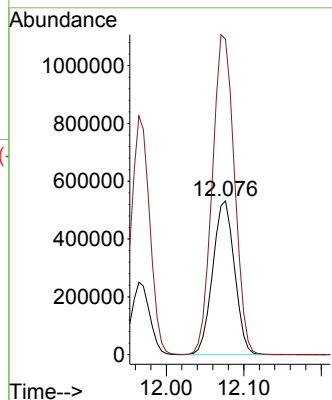
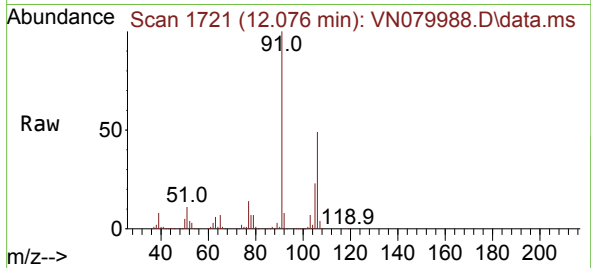




#67
m/p-Xylenes
Concen: 109.278 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

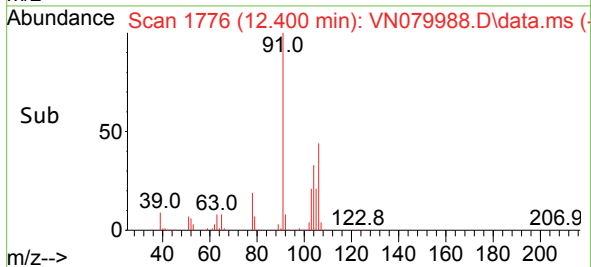
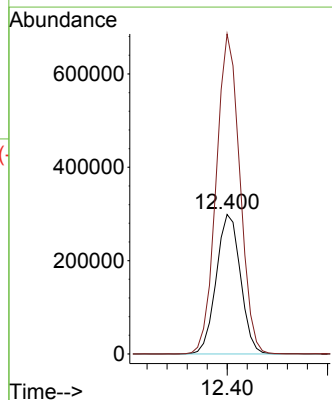
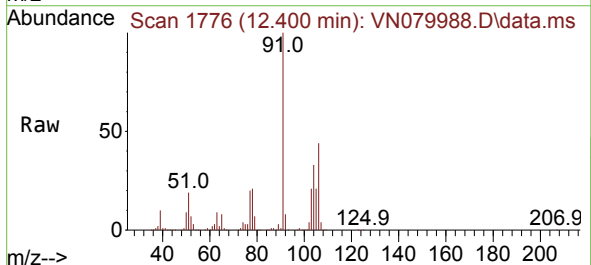
Instrument :
MSVOA_N
ClientSampleId :

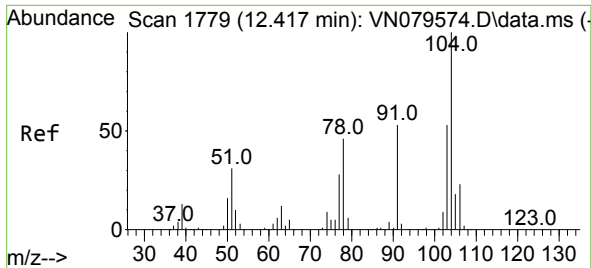
Tgt Ion:106 Resp: 1039594
Ion Ratio Lower Upper
106 100
91 211.3 161.8 242.6



#68
o-Xylene
Concen: 55.019 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion:106 Resp: 501695
Ion Ratio Lower Upper
106 100
91 223.9 109.9 329.7

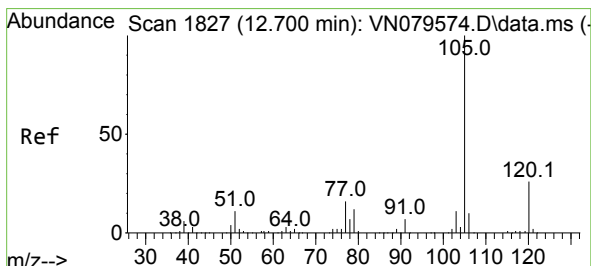
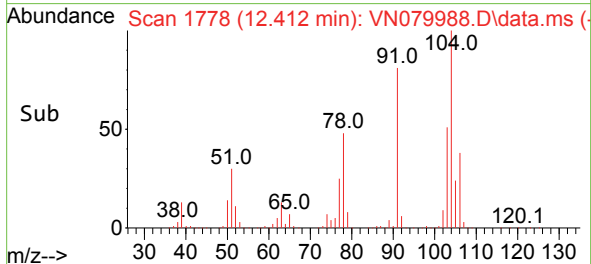
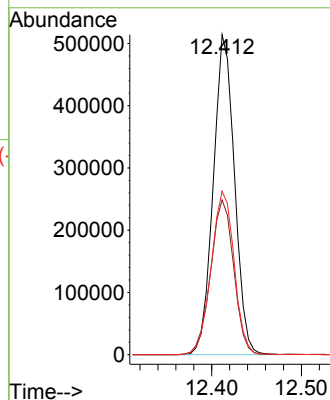
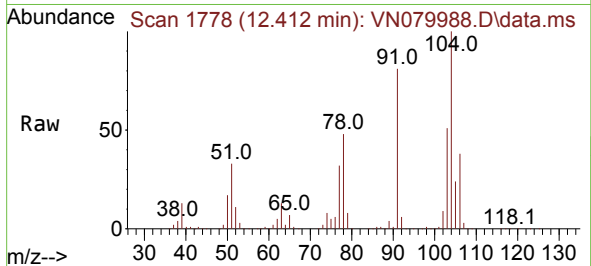




#69
Styrene
Concen: 55.985 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

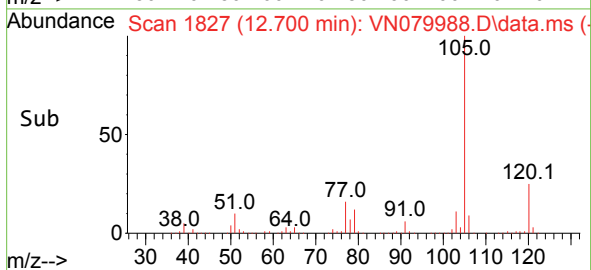
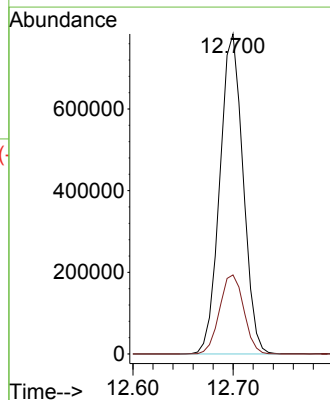
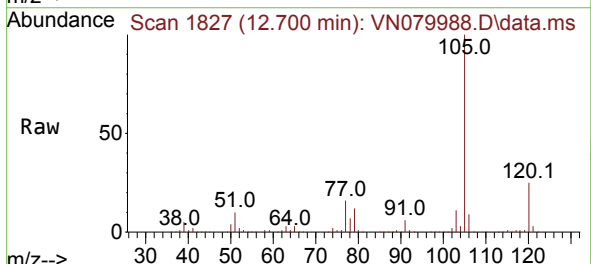
Instrument :
MSVOA_N
ClientSampleId :

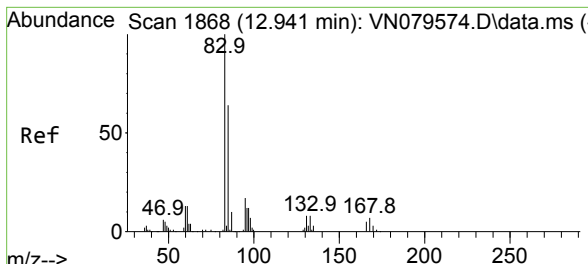
Tgt Ion:104 Resp: 845081
Ion Ratio Lower Upper
104 100
78 52.5 41.2 61.8
103 55.2 43.1 64.7



#70
Isopropylbenzene
Concen: 55.503 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion:105 Resp: 1262419
Ion Ratio Lower Upper
105 100
120 25.7 18.1 33.5

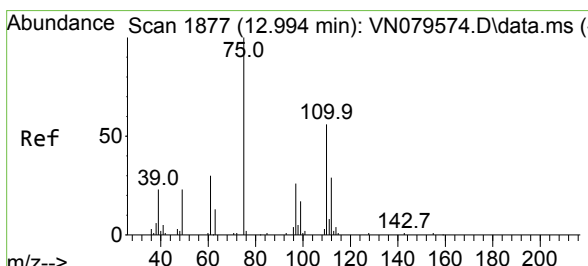
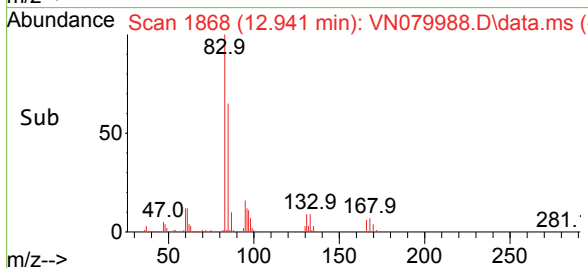
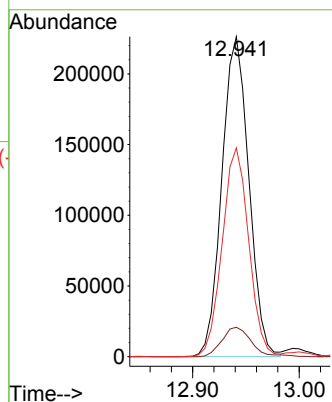
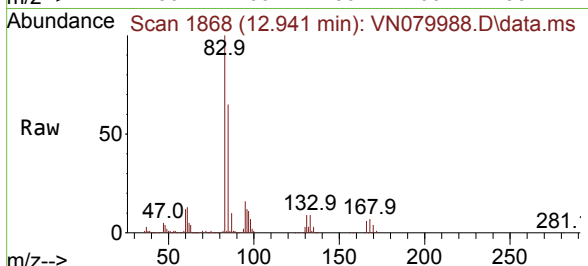




#71
 1,1,2,2-Tetrachloroethane
 Concen: 51.342 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079988.D
 Acq: 08 Nov 2023 13:09

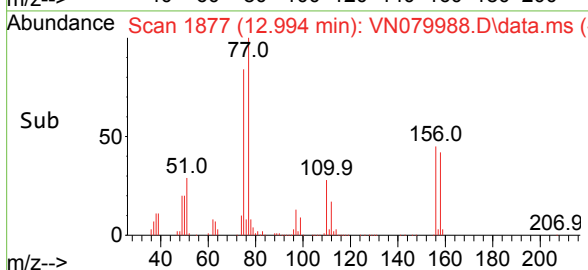
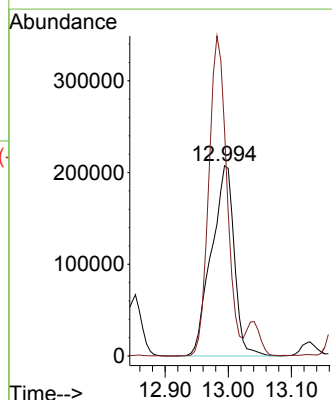
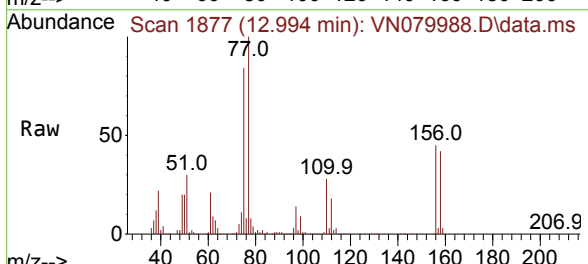
Instrument :
 MSVOA_N
 ClientSampleId :

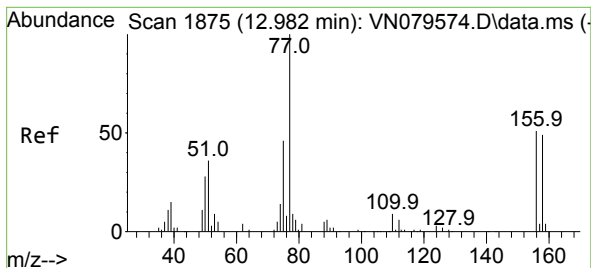
Tgt Ion: 83 Resp: 397748
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.5 13.4
 85 64.2 32.1 96.3



#72
 1,2,3-Trichloropropane
 Concen: 52.527 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN079988.D
 Acq: 08 Nov 2023 13:09

Tgt Ion: 75 Resp: 521256
 Ion Ratio Lower Upper
 75 100
 77 132.9 0.0 338.2





#73

Bromobenzene

Concen: 53.560 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

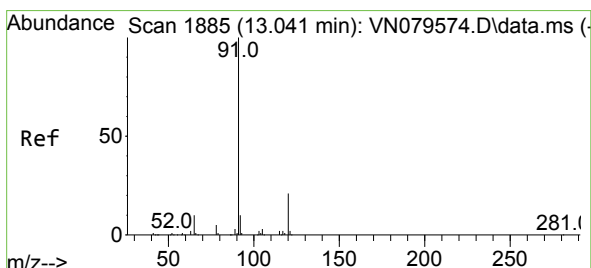
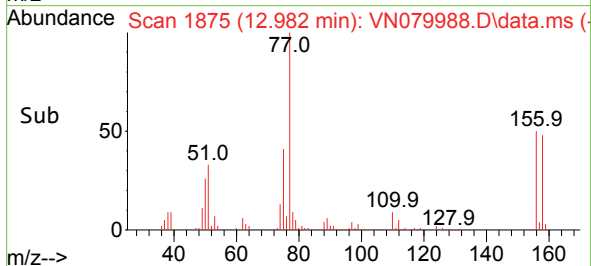
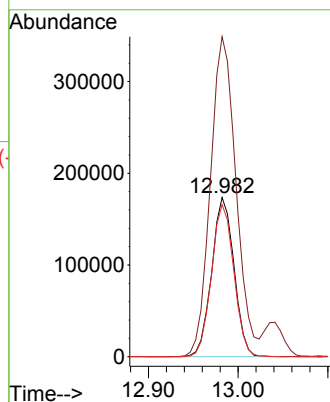
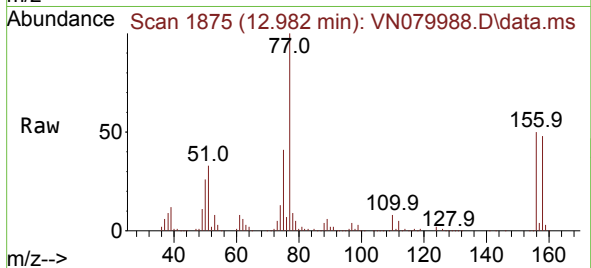
Tgt Ion:156 Resp: 299493

Ion Ratio Lower Upper

156 100

77 231.4 0.0 448.2

158 95.6 0.0 194.8



#74

n-propylbenzene

Concen: 55.769 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079988.D

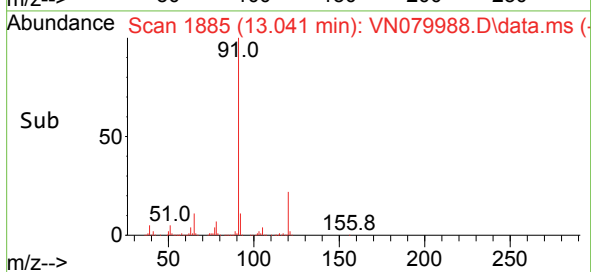
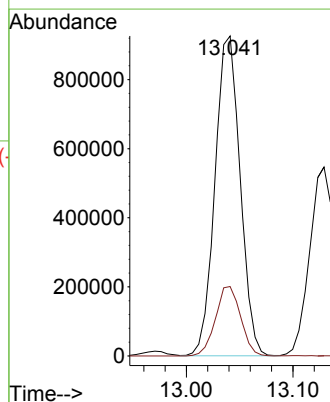
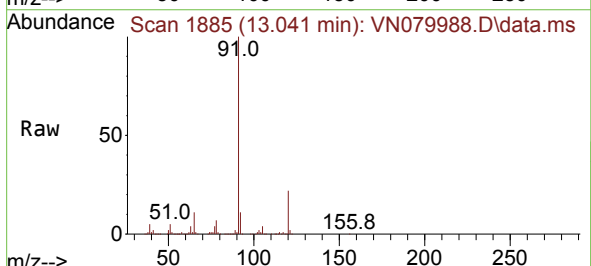
Acq: 08 Nov 2023 13:09

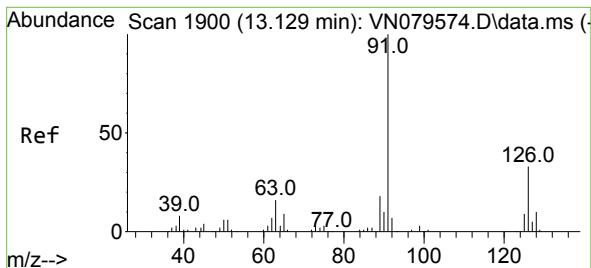
Tgt Ion: 91 Resp: 1517460

Ion Ratio Lower Upper

91 100

120 21.7 0.0 42.0

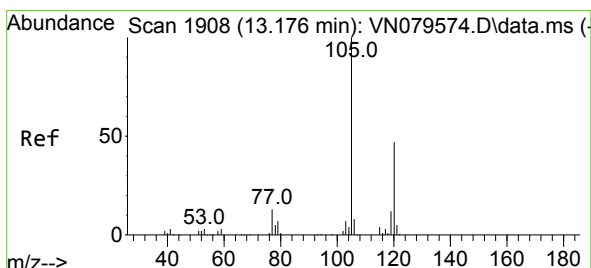
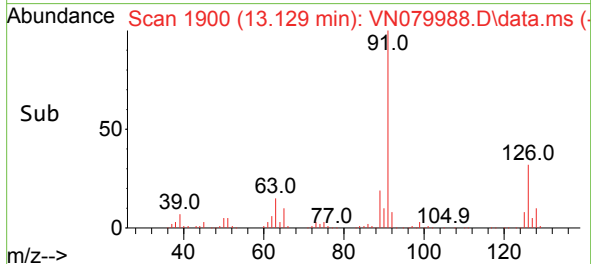
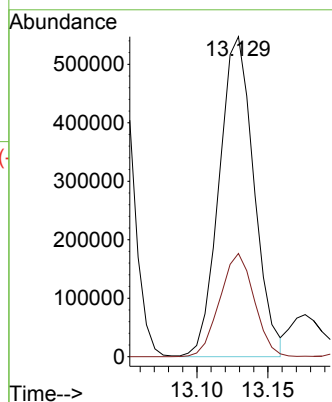
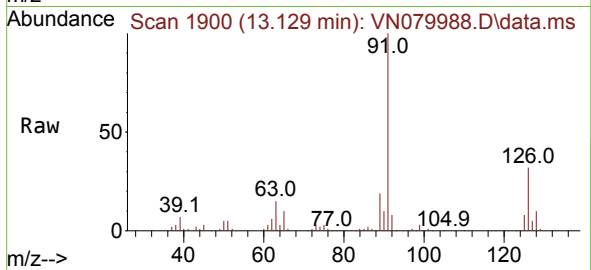




#75
2-Chlorotoluene
Concen: 53.938 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

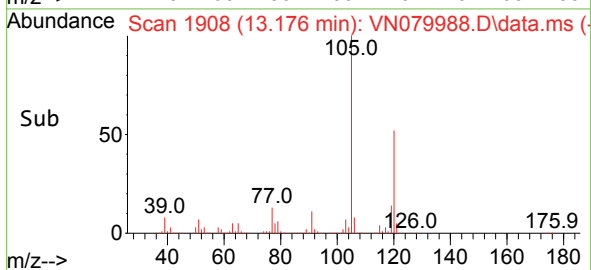
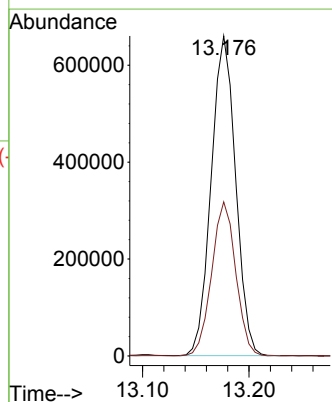
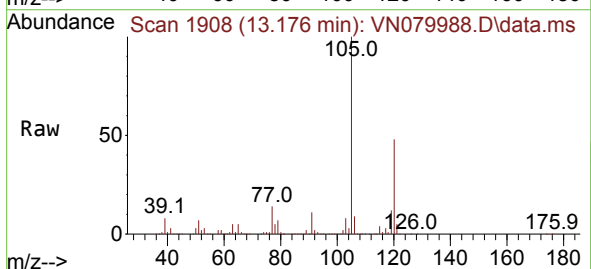
Instrument :
MSVOA_N
ClientSampleId :

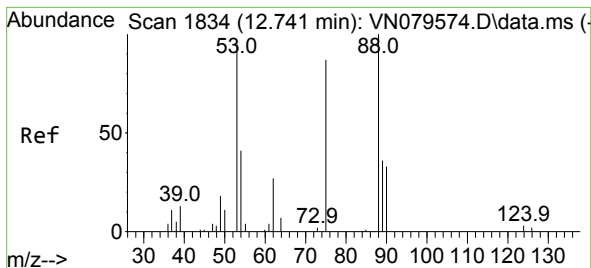
Tgt Ion: 91 Resp: 932871
Ion Ratio Lower Upper
91 100
126 31.9 0.0 64.6



#76
1,3,5-Trimethylbenzene
Concen: 55.787 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion:105 Resp: 1049498
Ion Ratio Lower Upper
105 100
120 47.5 0.0 93.2

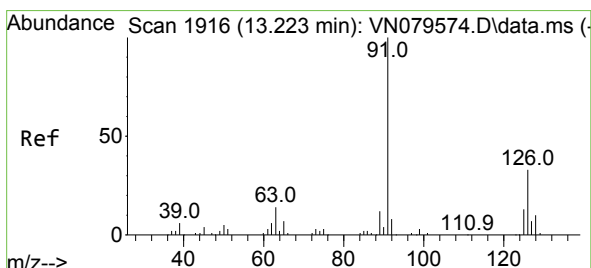
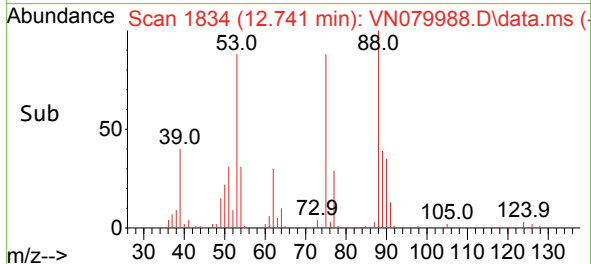
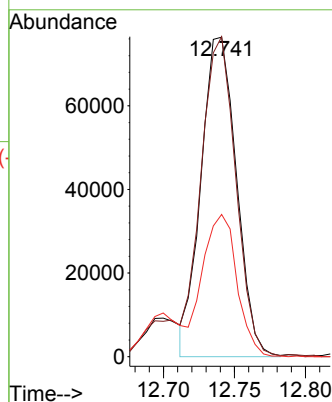
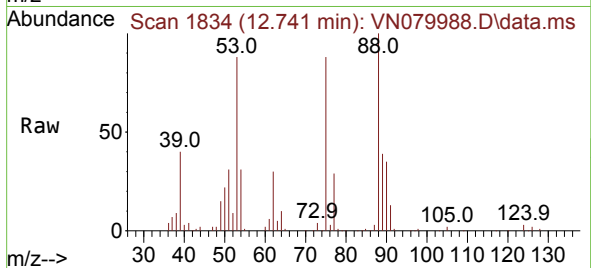




#77
t-1,4-Dichloro-2-butene
Concen: 56.247 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

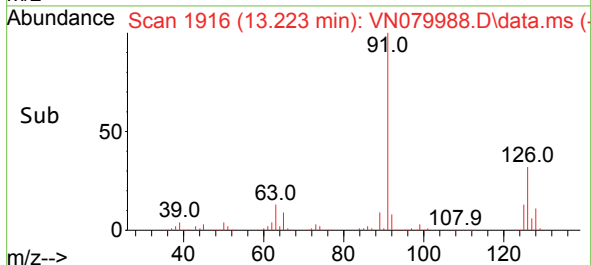
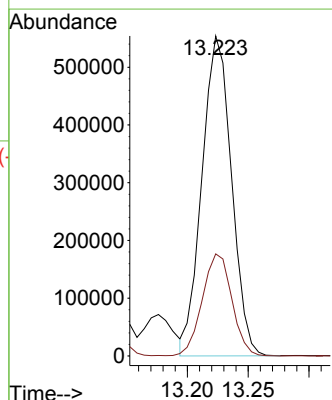
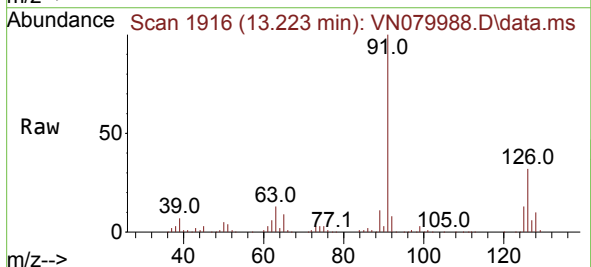
Instrument :
MSVOA_N
ClientSampleId :

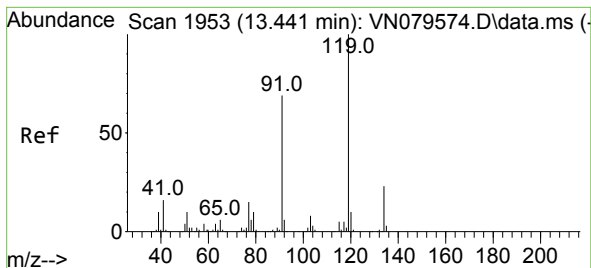
Tgt Ion: 75 Resp: 132572
Ion Ratio Lower Upper
75 100
53 100.3 53.0 159.1
89 44.5 22.6 67.7



#78
4-Chlorotoluene
Concen: 54.485 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079988.D
Acq: 08 Nov 2023 13:09

Tgt Ion: 91 Resp: 935892
Ion Ratio Lower Upper
91 100
126 32.0 0.0 65.4





#79

tert-butylbenzene

Concen: 56.043 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

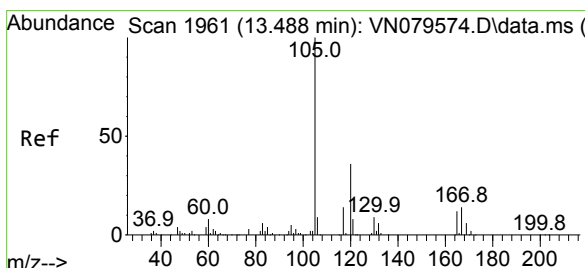
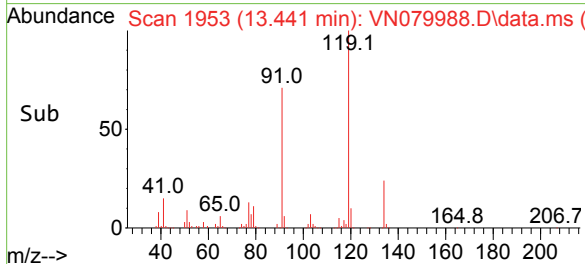
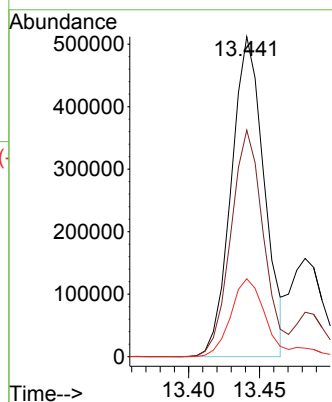
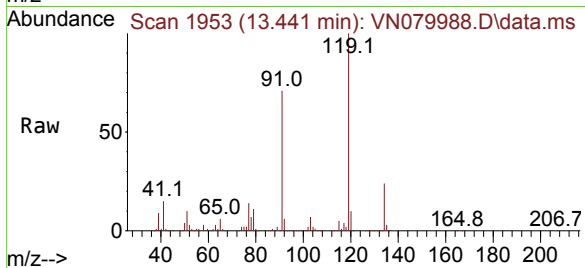
Tgt Ion:119 Resp: 825685

Ion Ratio Lower Upper

119 100

91 70.8 0.0 140.6

134 24.9 0.0 49.8



#80

1,2,4-Trimethylbenzene

Concen: 56.365 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.006 min

Lab File: VN079988.D

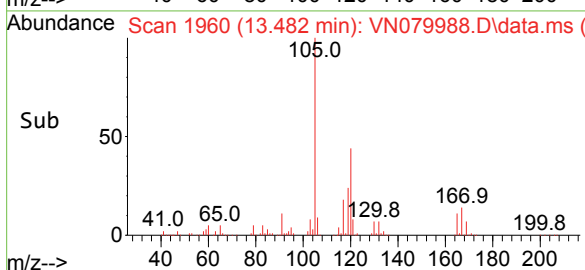
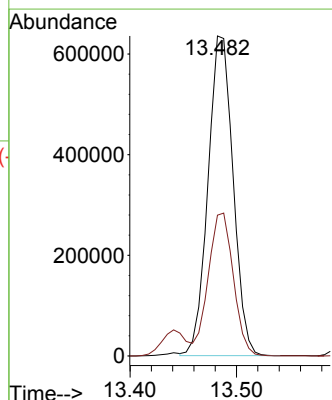
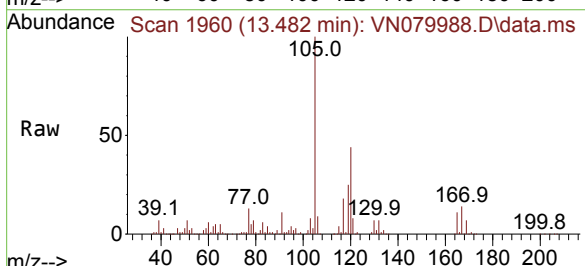
Acq: 08 Nov 2023 13:09

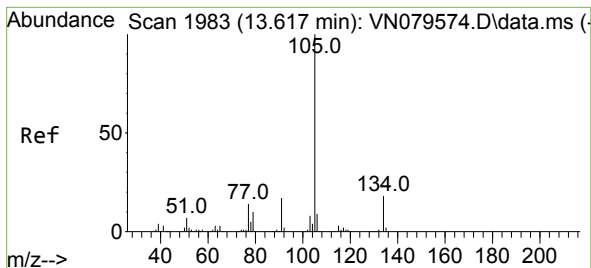
Tgt Ion:105 Resp: 1039776

Ion Ratio Lower Upper

105 100

120 44.5 0.0 88.6





#81

sec-Butylbenzene

Concen: 56.182 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

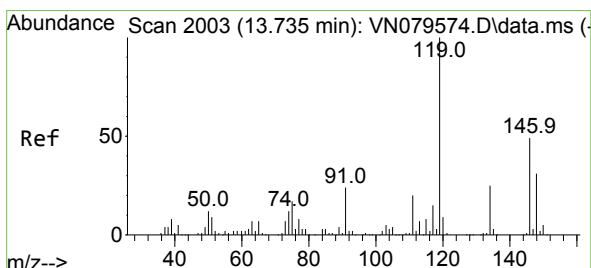
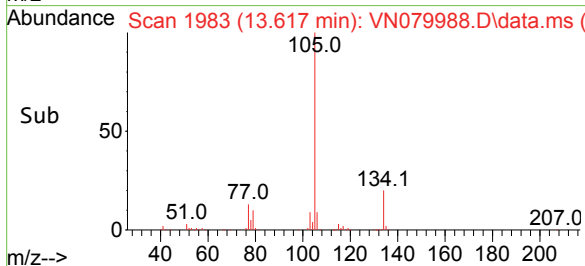
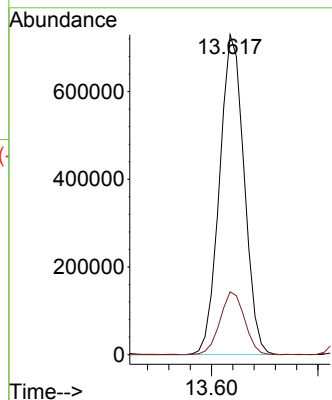
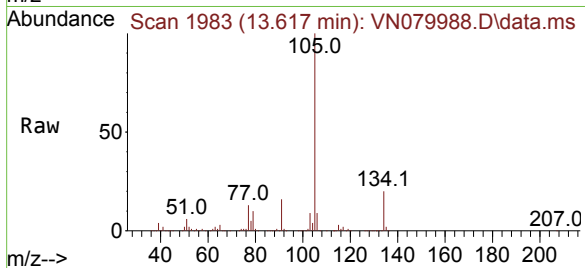
ClientSampleId :

Tgt Ion:105 Resp: 1168417

Ion Ratio Lower Upper

105 100

134 19.7 0.0 38.2



#82

p-Isopropyltoluene

Concen: 57.733 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

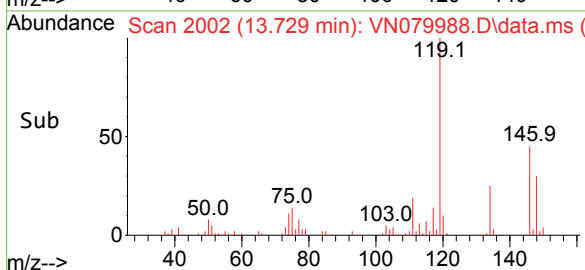
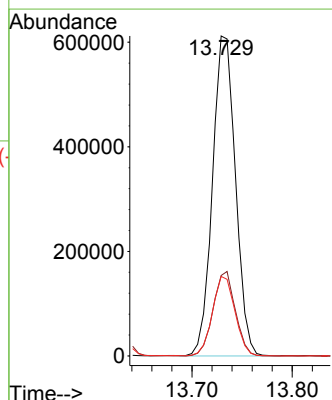
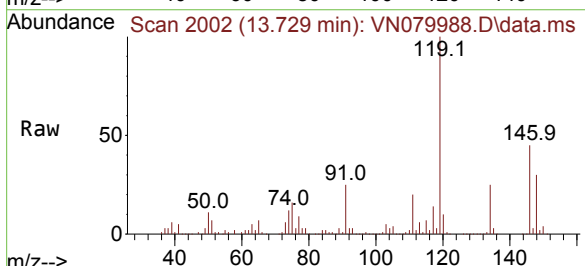
Tgt Ion:119 Resp: 975111

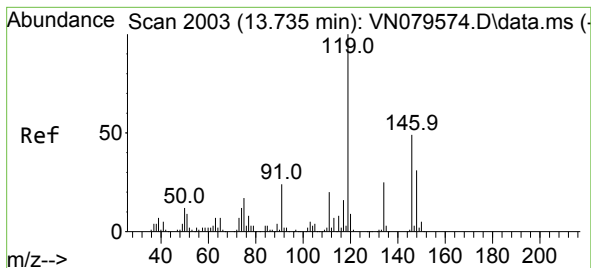
Ion Ratio Lower Upper

119 100

134 25.5 0.0 52.2

91 24.4 0.0 50.0





#83

1,3-Dichlorobenzene

Concen: 53.207 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

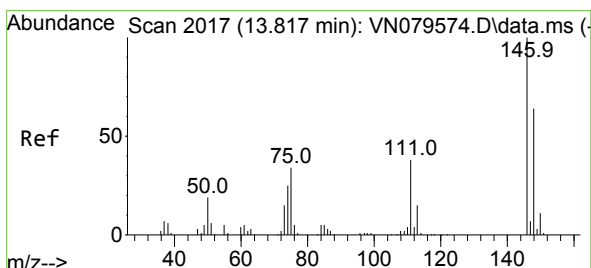
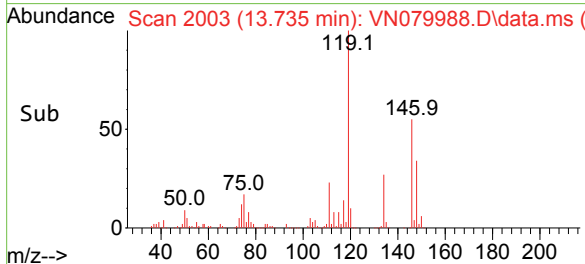
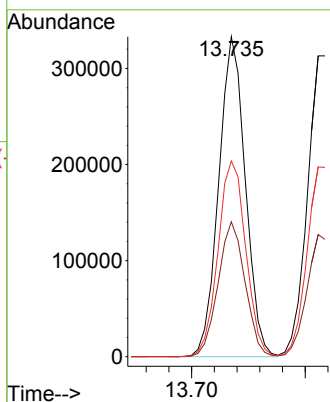
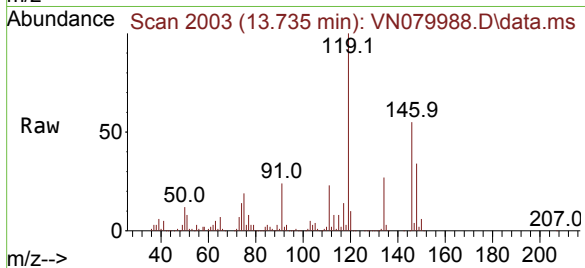
Tgt Ion:146 Resp: 542135

Ion Ratio Lower Upper

146 100

111 42.7 21.0 63.0

148 63.8 32.4 97.0



#84

1,4-Dichlorobenzene

Concen: 53.258 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

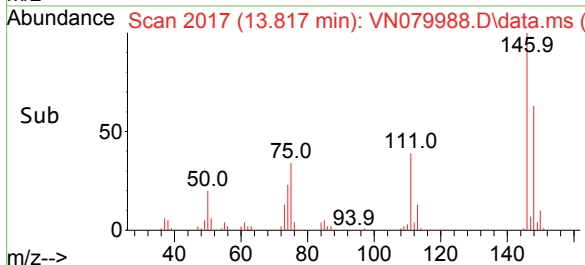
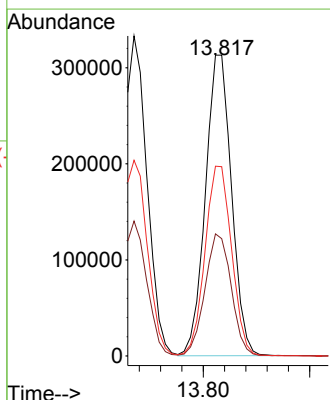
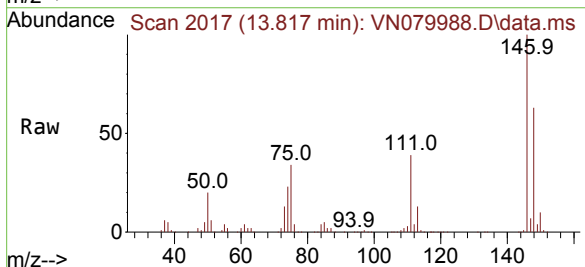
Tgt Ion:146 Resp: 532634

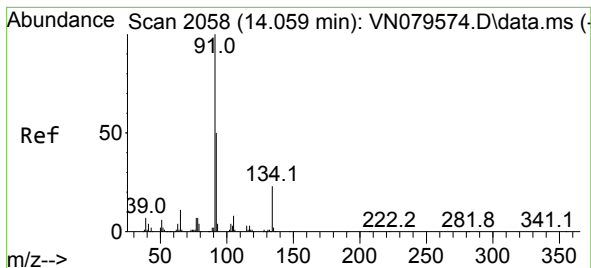
Ion Ratio Lower Upper

146 100

111 41.0 19.9 59.7

148 64.4 32.6 97.7





#85

n-Butylbenzene

Concen: 59.000 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

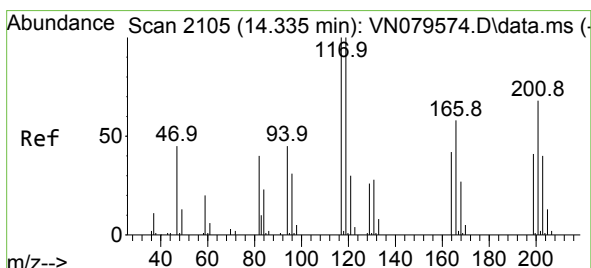
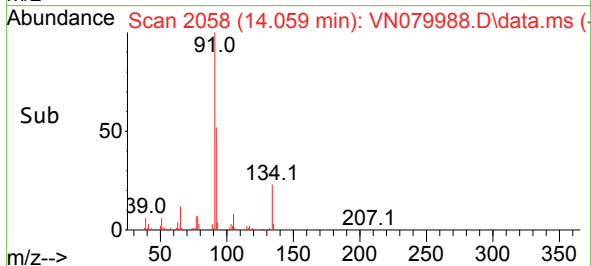
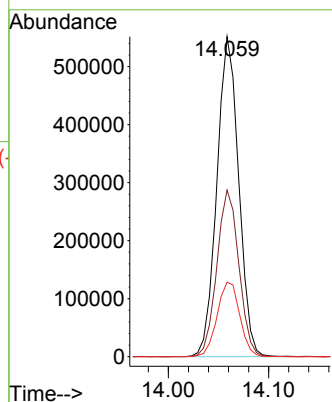
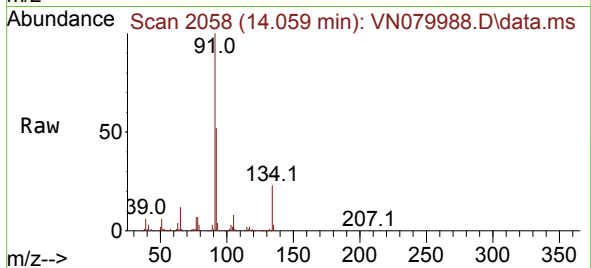
Tgt Ion: 91 Resp: 833442

Ion Ratio Lower Upper

91 100

92 52.6 0.0 99.6

134 24.2 0.0 46.2



#86

Hexachloroethane

Concen: 53.382 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079988.D

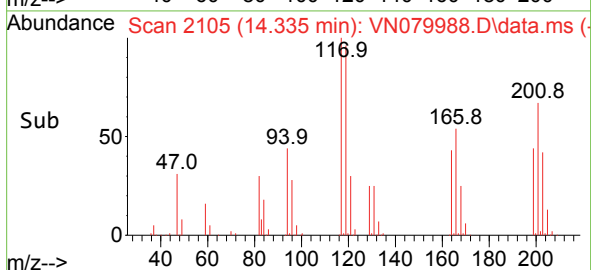
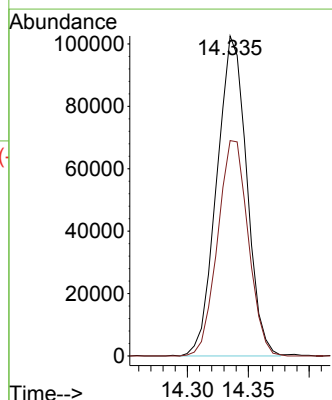
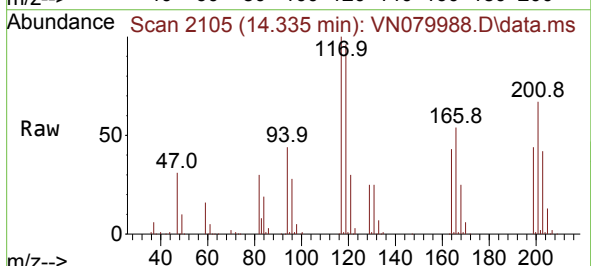
Acq: 08 Nov 2023 13:09

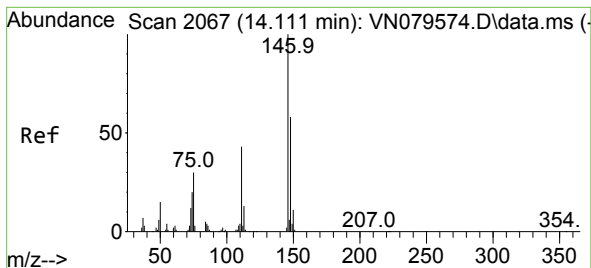
Tgt Ion: 117 Resp: 175324

Ion Ratio Lower Upper

117 100

201 68.9 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 53.394 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

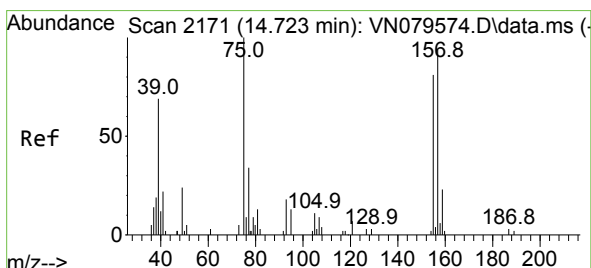
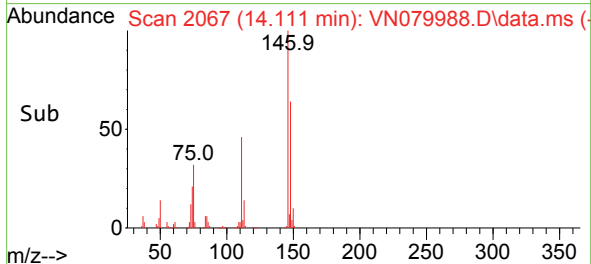
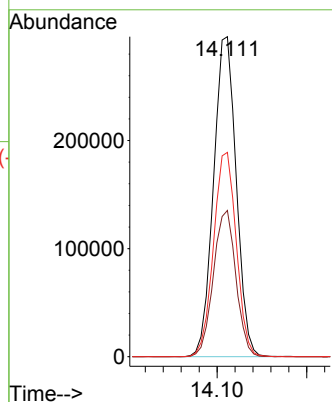
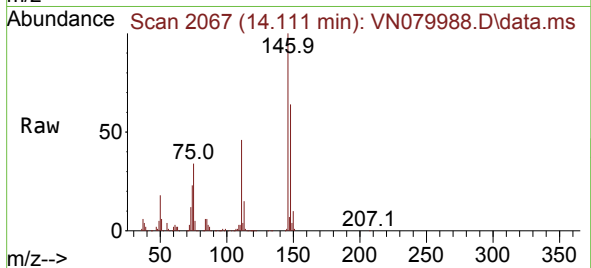
Tgt Ion:146 Resp: 519759

Ion Ratio Lower Upper

146 100

111 45.4 22.0 66.0

148 64.1 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 53.601 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

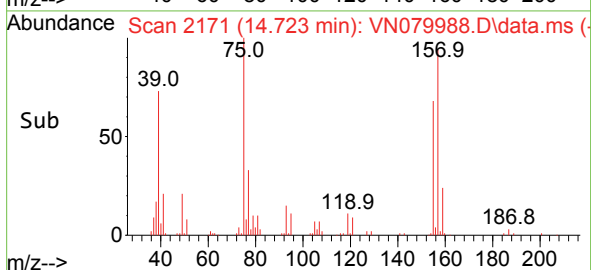
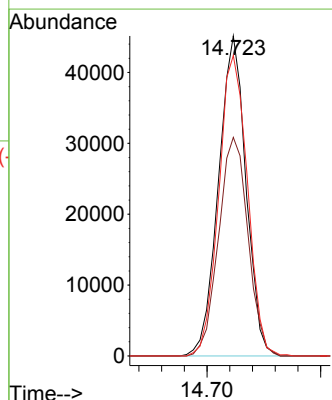
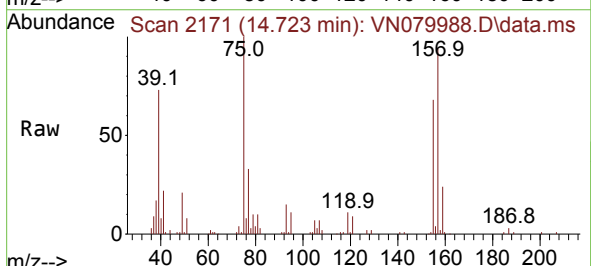
Tgt Ion: 75 Resp: 75937

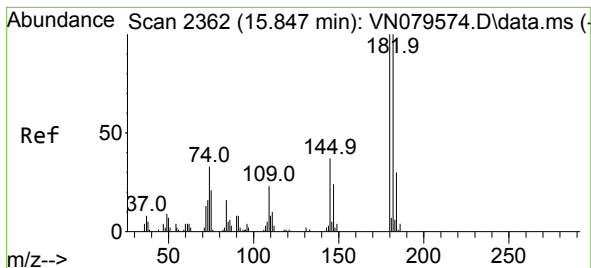
Ion Ratio Lower Upper

75 100

155 72.9 60.7 91.1

157 97.7 76.8 115.2





#89

1,2,4-Trichlorobenzene

Concen: 55.654 ug/l

RT: 15.841 min Scan# 2362

Delta R.T. -0.006 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

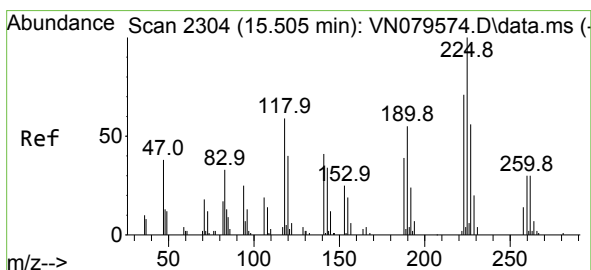
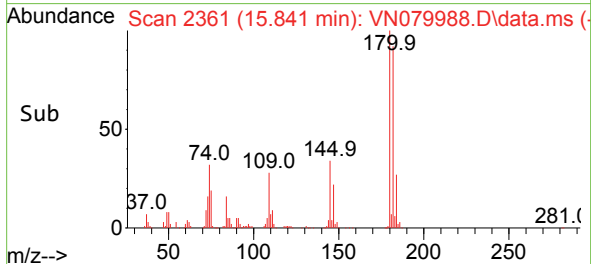
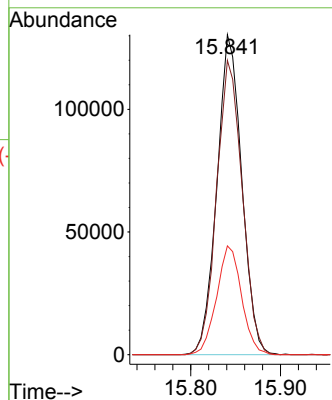
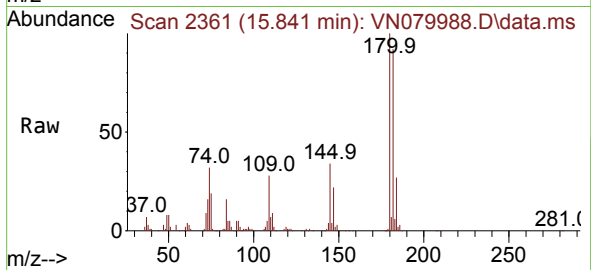
Tgt Ion:180 Resp: 250981

Ion Ratio Lower Upper

180 100

182 94.5 74.2 111.4

145 34.2 25.4 38.2



#90

Hexachlorobutadiene

Concen: 53.655 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

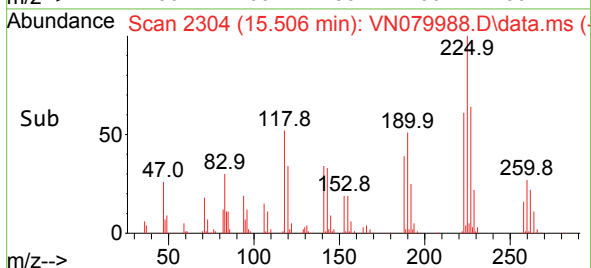
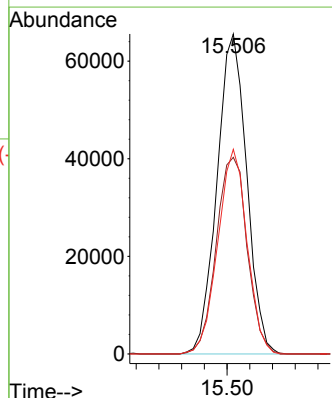
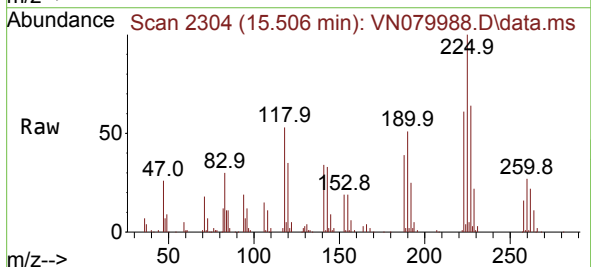
Tgt Ion:225 Resp: 119250

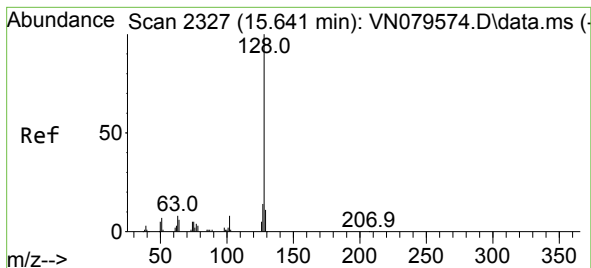
Ion Ratio Lower Upper

225 100

223 64.0 0.0 126.0

227 62.9 0.0 127.0





#91

Naphthalene

Concen: 58.205 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

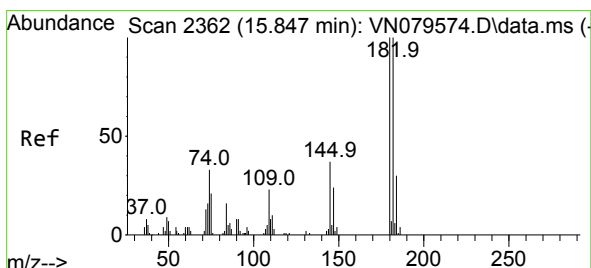
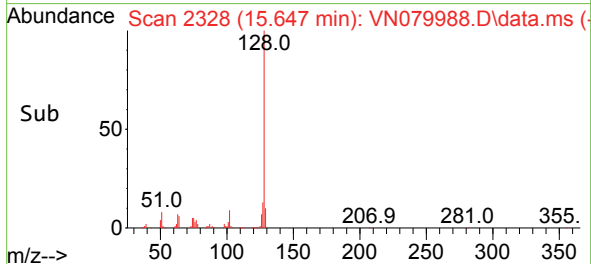
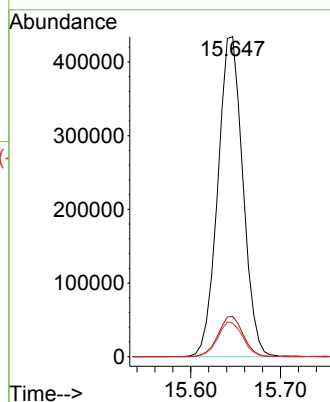
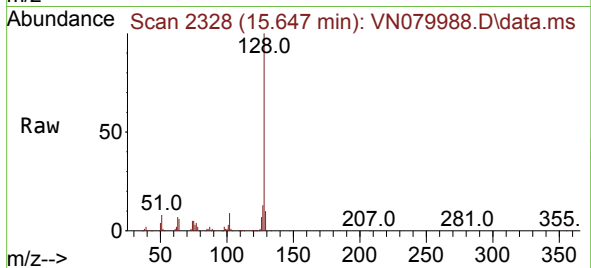
Tgt Ion:128 Resp: 842348

Ion Ratio Lower Upper

128 100

127 12.6 10.9 16.3

129 10.9 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 55.654 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN079988.D

Acq: 08 Nov 2023 13:09

Tgt Ion:180 Resp: 250981

Ion Ratio Lower Upper

180 100

182 94.5 0.0 185.6

145 34.2 0.0 63.6

