

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079079.D
 Acq On : 28 Aug 2023 20:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 29 04:54:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	188610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	316694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	294440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136198	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147145	50.136	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.280%	
35) Dibromofluoromethane	8.171	113	118822	55.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.480%	
50) Toluene-d8	10.570	98	414629	52.381	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.760%	
62) 4-Bromofluorobenzene	12.853	95	152690	59.015	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.040%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	125472	47.944	ug/l	99
3) Chloromethane	2.365	50	127864	34.994	ug/l	97
4) Vinyl Chloride	2.512	62	136677	42.652	ug/l	100
5) Bromomethane	2.942	94	79410	43.162	ug/l	99
6) Chloroethane	3.112	64	94432	42.154	ug/l	97
7) Trichlorofluoromethane	3.489	101	198652	50.898	ug/l	99
8) Diethyl Ether	3.971	74	75966	51.341	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	106528	51.247	ug/l	95
10) Methyl Iodide	4.594	142	133124	57.239	ug/l	98
11) Tert butyl alcohol	5.530	59	124916	253.644	ug/l	99
12) 1,1-Dichloroethene	4.341	96	99845	49.309	ug/l	82
13) Acrolein	4.189	56	54288	194.207	ug/l	96
14) Allyl chloride	5.024	41	173068	42.944	ug/l #	87
15) Acrylonitrile	5.724	53	350565	262.758	ug/l	99
16) Acetone	4.436	43	299521	247.334	ug/l	92
17) Carbon Disulfide	4.712	76	234605	41.391	ug/l	100
18) Methyl Acetate	5.036	43	258619	50.553	ug/l #	81
19) Methyl tert-butyl Ether	5.806	73	391393	53.659	ug/l	96
20) Methylene Chloride	5.283	84	125382	48.584	ug/l #	78
21) trans-1,2-Dichloroethene	5.788	96	112298	49.457	ug/l #	82
22) Diisopropyl ether	6.677	45	452054	53.022	ug/l #	90
23) Vinyl Acetate	6.612	43	1421516	253.223	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	235977	50.665	ug/l	96
25) 2-Butanone	7.488	43	489220	251.973	ug/l #	77
26) 2,2-Dichloropropane	7.494	77	163938	43.545	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	140616	50.951	ug/l	87
28) Bromochloromethane	7.812	49	119107	48.208	ug/l #	75
29) Tetrahydrofuran	7.841	42	328623	255.716	ug/l #	71
30) Chloroform	7.971	83	243284	52.284	ug/l	92
31) Cyclohexane	8.259	56	176955	48.254	ug/l	85
32) 1,1,1-Trichloroethane	8.177	97	211746	53.369	ug/l	95
36) 1,1-Dichloropropene	8.376	75	171066	53.345	ug/l	95
37) Ethyl Acetate	7.565	43	200140	55.781	ug/l #	90
38) Carbon Tetrachloride	8.371	117	180894	56.298	ug/l	99
39) Methylcyclohexane	9.606	83	161000	54.589	ug/l #	86
40) Benzene	8.612	78	517288	54.575	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	113560	58.113	ug/l #	80
42) 1,2-Dichloroethane	8.676	62	195869	55.312	ug/l	97
43) Isopropyl Acetate	8.694	43	351446	55.418	ug/l #	86
44) Trichloroethene	9.359	130	123788	54.963	ug/l	97
45) 1,2-Dichloropropane	9.629	63	140872	55.822	ug/l	99
46) Dibromomethane	9.712	93	94214	54.430	ug/l	92
47) Bromodichloromethane	9.894	83	195531	57.207	ug/l	95
48) Methyl methacrylate	9.688	41	160766	55.944	ug/l #	76
49) 1,4-Dioxane	9.700	88	53065	1084.107	ug/l #	78
51) 4-Methyl-2-Pentanone	10.453	43	1067767	283.885	ug/l #	85
52) Toluene	10.635	92	325938	56.008	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	202370	55.210	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	217390	54.456	ug/l #	84
55) 1,1,2-Trichloroethane	11.023	97	133103	57.043	ug/l	94
56) Ethyl methacrylate	10.882	69	211044	58.346	ug/l #	72
57) 1,3-Dichloropropane	11.170	76	233574	55.965	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	397490	228.931	ug/l	90
59) 2-Hexanone	11.200	43	774983	284.472	ug/l	83
60) Dibromochloromethane	11.365	129	144348	58.787	ug/l	99
61) 1,2-Dibromoethane	11.476	107	131753	55.563	ug/l	100
64) Tetrachloroethene	11.106	164	101684	55.069	ug/l	92
65) Chlorobenzene	11.894	112	347767	55.487	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	132643	56.001	ug/l	94
67) Ethyl Benzene	11.970	91	615580	54.009	ug/l	96
68) m/p-Xylenes	12.076	106	465510	109.239	ug/l	98
69) o-Xylene	12.400	106	227681	54.924	ug/l	96
70) Styrene	12.417	104	379229	54.864	ug/l	98
71) Bromoform	12.582	173	104560	60.721	ug/l #	99
73) Isopropylbenzene	12.700	105	583091	51.344	ug/l	100
74) N-amyl acetate	12.500	43	294257	51.333	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	207654	50.641	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	251997	76.788	ug/l	65
77) Bromobenzene	12.988	156	139396	51.066	ug/l	97
78) n-propylbenzene	13.041	91	680368	51.665	ug/l	99
79) 2-Chlorotoluene	13.129	91	417901	51.158	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	483384	53.712	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	60744	47.285	ug/l #	73
82) 4-Chlorotoluene	13.229	91	403897	50.531	ug/l	98
83) tert-Butylbenzene	13.441	119	421862	55.791	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	483970	54.310	ug/l	98
85) sec-Butylbenzene	13.623	105	570577	54.831	ug/l	98
86) p-Isopropyltoluene	13.735	119	476048	57.259	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	253342	53.934	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	245778	52.277	ug/l	97
89) n-Butylbenzene	14.058	91	376980	55.098	ug/l	100
90) Hexachloroethane	14.341	117	92382	55.432	ug/l	85
91) 1,2-Dichlorobenzene	14.111	146	249116	53.330	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38637	57.641	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	104925	63.362	ug/l	97
94) Hexachlorobutadiene	15.505	225	56565	70.486	ug/l	100
95) Naphthalene	15.647	128	302119	48.232	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	109115	60.162	ug/l	98

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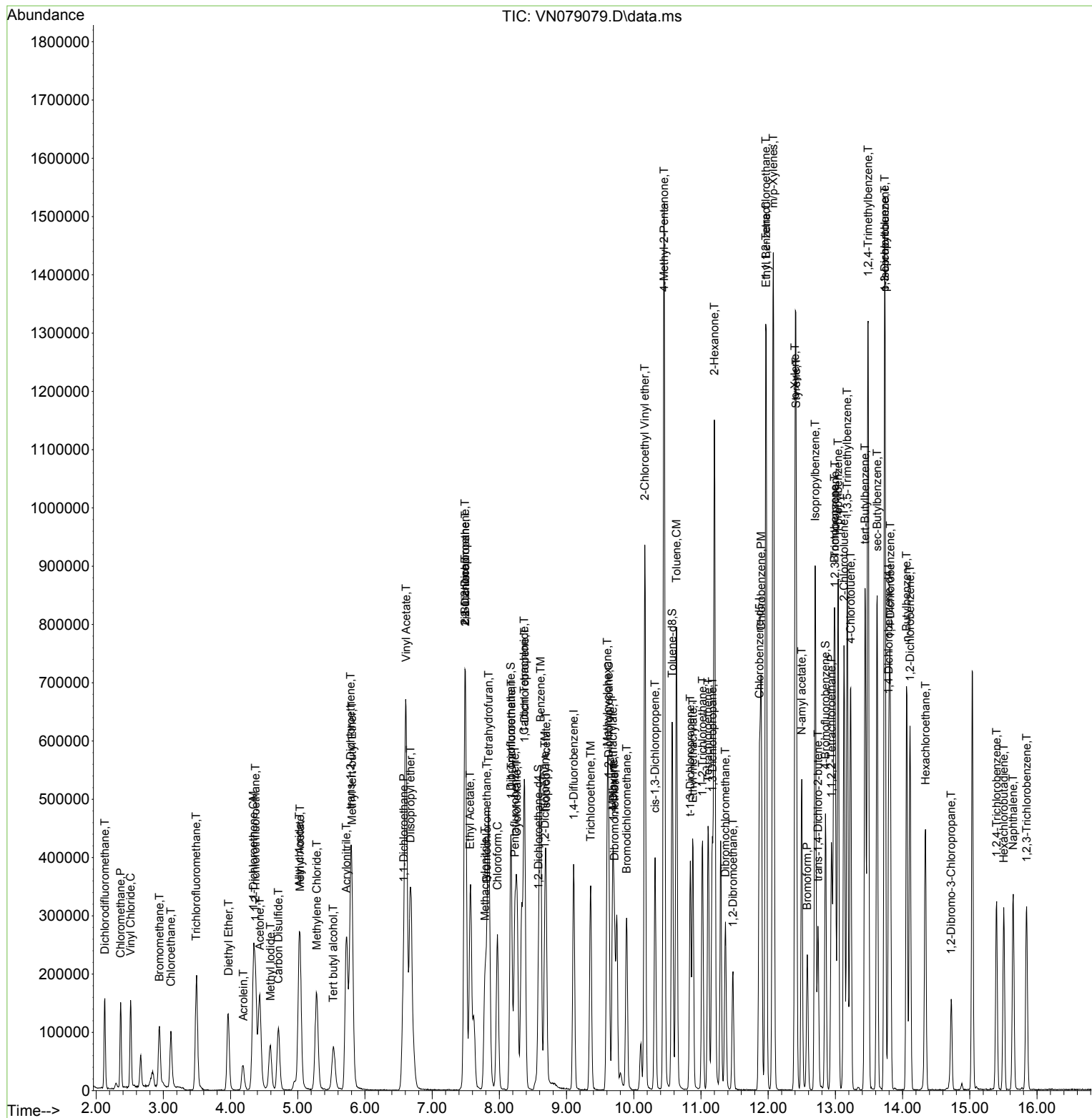
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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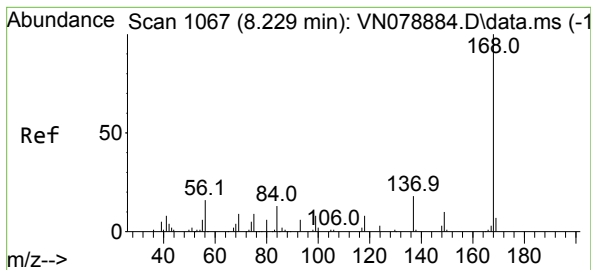
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. -0.001 min

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MSVOA_N

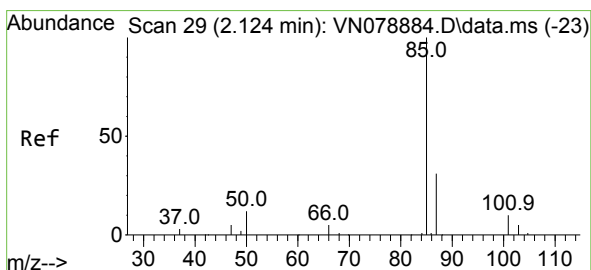
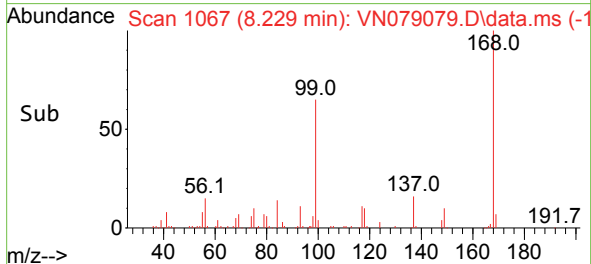
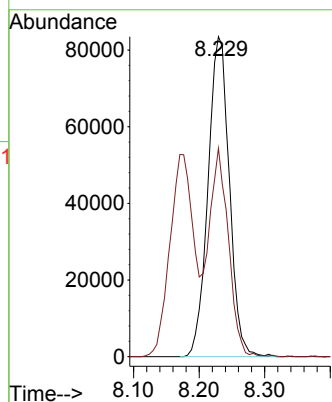
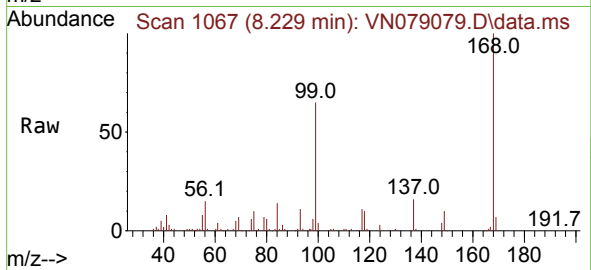
ClientSampleId :

Tgt Ion:168 Resp: 188610

Ion Ratio Lower Upper

168 100

99 65.2 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 47.944 ug/l

RT: 2.130 min Scan# 30

Delta R.T. -0.006 min

Lab File: VN079079.D

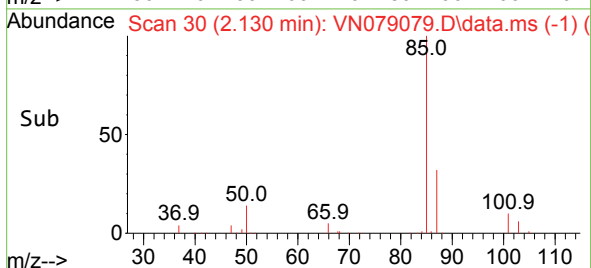
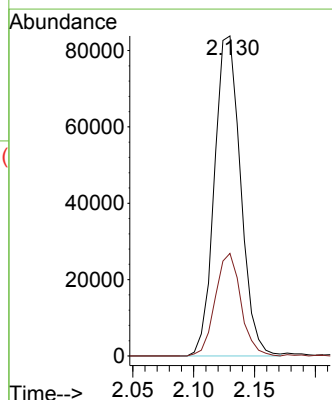
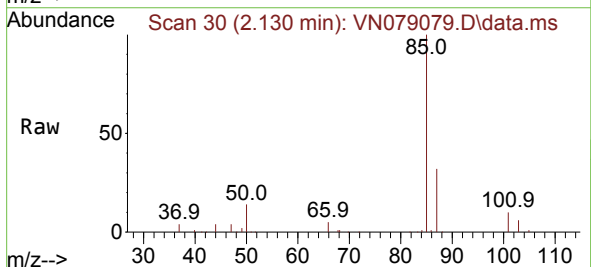
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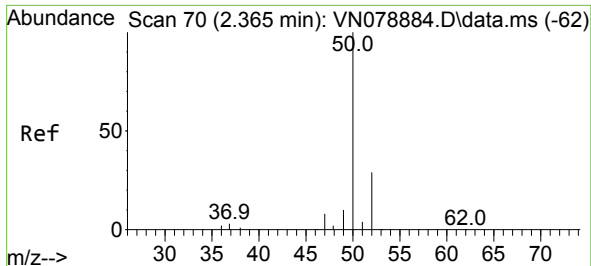
Tgt Ion: 85 Resp: 125472

Ion Ratio Lower Upper

85 100

87 32.0 15.8 47.4





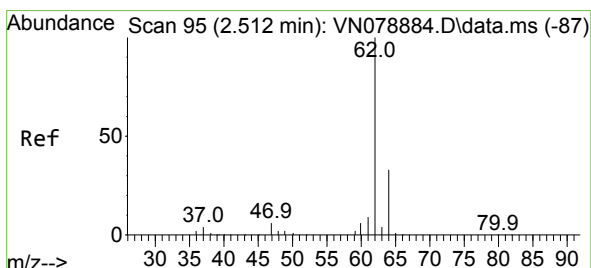
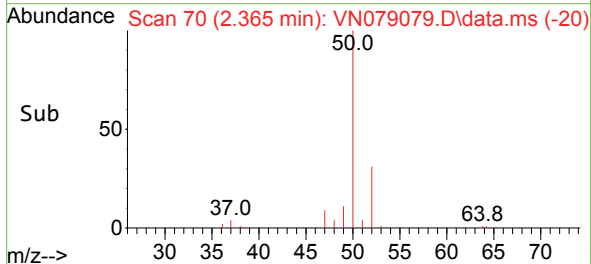
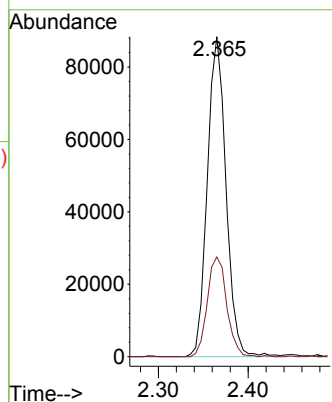
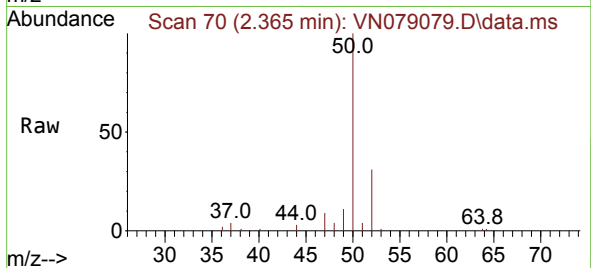
#3
 Chloromethane
 Concen: 34.994 ug/l
 RT: 2.365 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VN079079.D
 Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

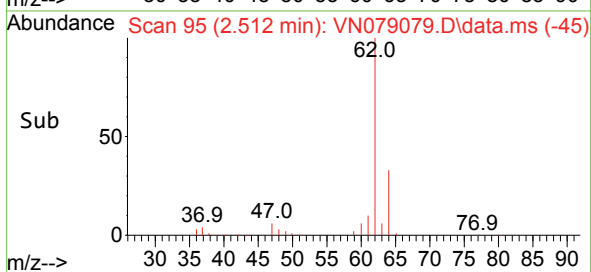
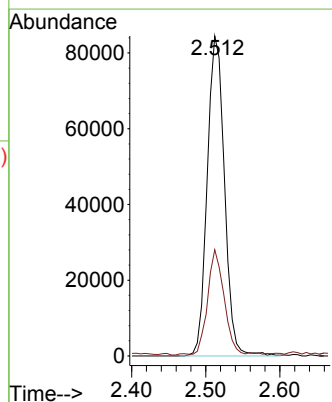
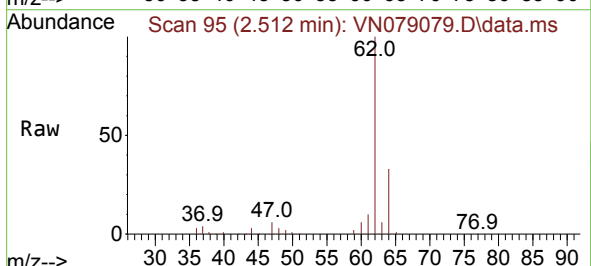
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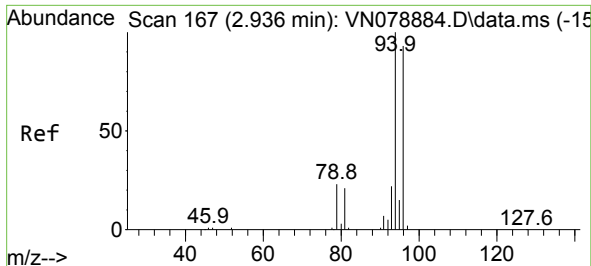
Tgt Ion: 50 Resp: 127864
 Ion Ratio Lower Upper
 50 100
 52 31.2 26.5 39.7



#4
 Vinyl Chloride
 Concen: 42.652 ug/l
 RT: 2.512 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VN079079.D
 Acq: 28 Aug 2023 20:08

Tgt Ion: 62 Resp: 136677
 Ion Ratio Lower Upper
 62 100
 64 32.5 26.2 39.2

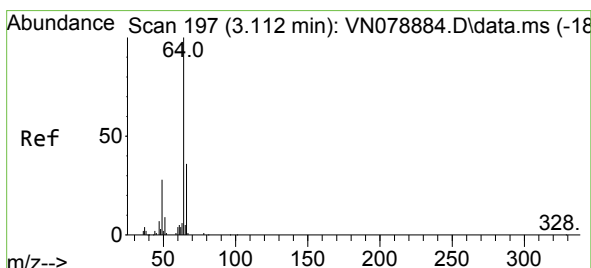
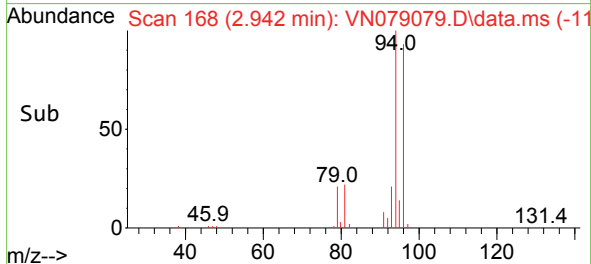
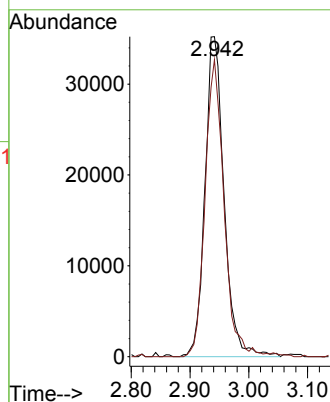
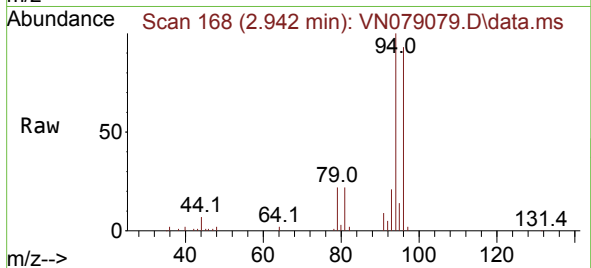




#5
Bromomethane
Concen: 43.162 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079079.D
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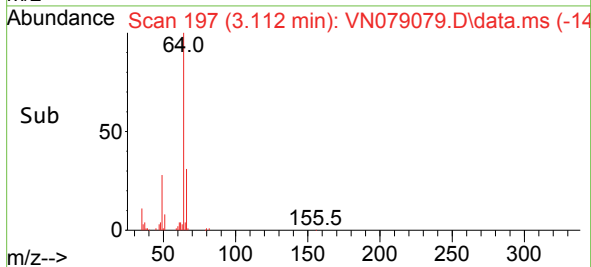
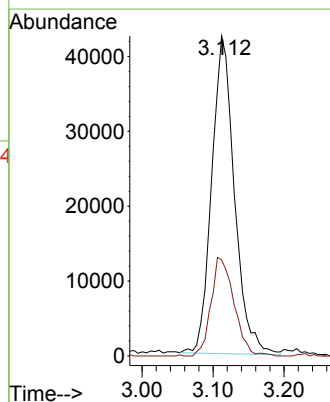
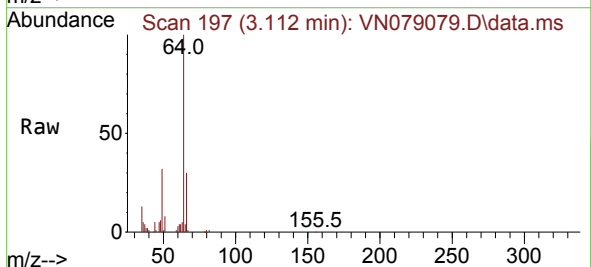
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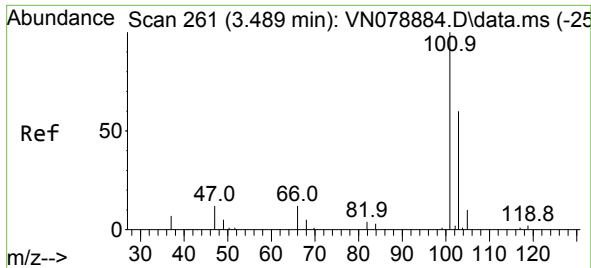
Tgt Ion: 94 Resp: 79410
Ion Ratio Lower Upper
94 100
96 92.8 73.1 109.7



#6
Chloroethane
Concen: 42.154 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
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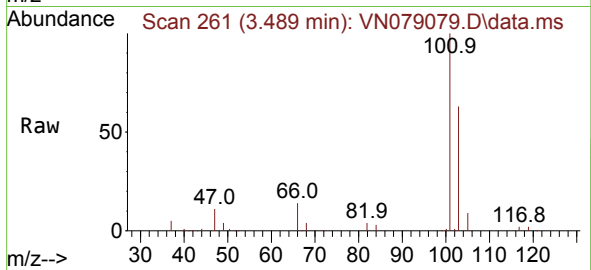
Tgt Ion: 64 Resp: 94432
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2



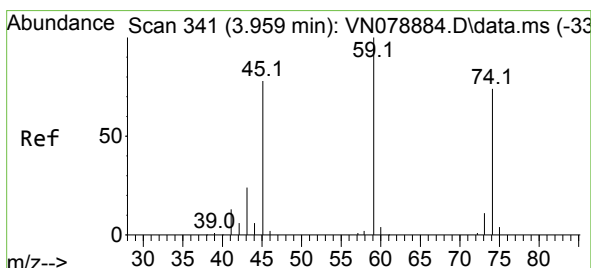
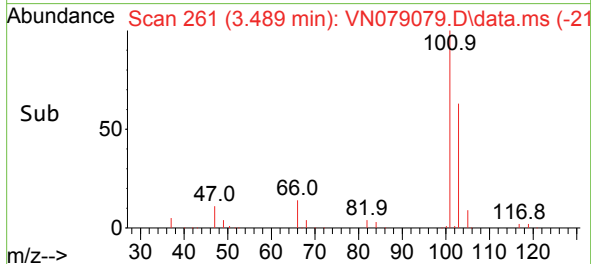
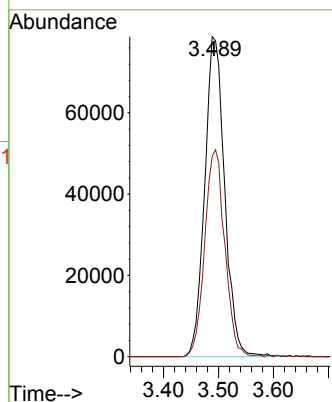


#7
 Trichlorofluoromethane
 Concen: 50.898 ug/l
 RT: 3.489 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN079079.D
 Acq: 28 Aug 2023 20:08

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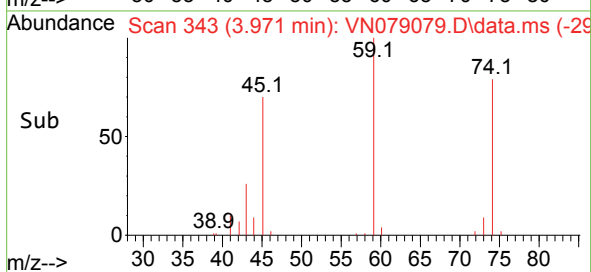
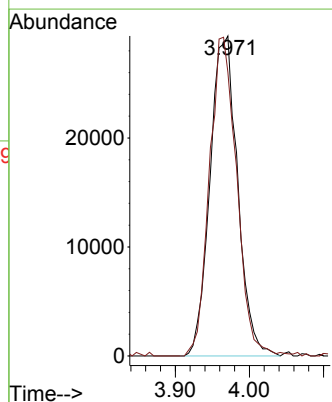
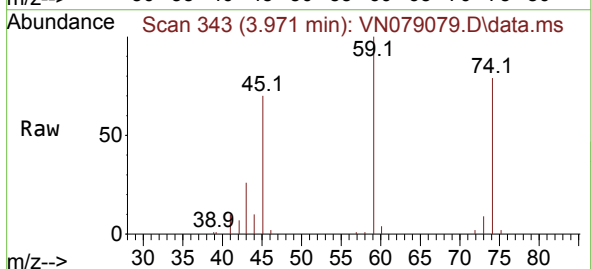


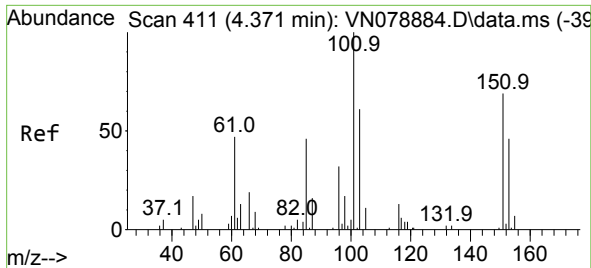
Tgt Ion:101 Resp: 198652
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.7 76.1



#8
 Diethyl Ether
 Concen: 51.341 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 75966
 Ion Ratio Lower Upper
 74 100
 45 98.5 34.4 103.3

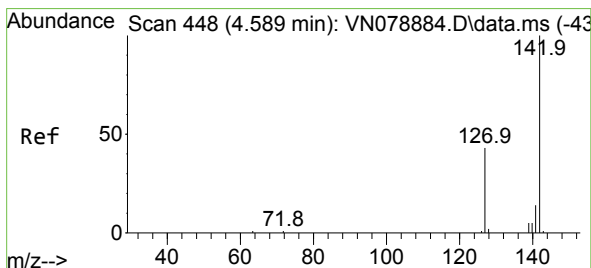
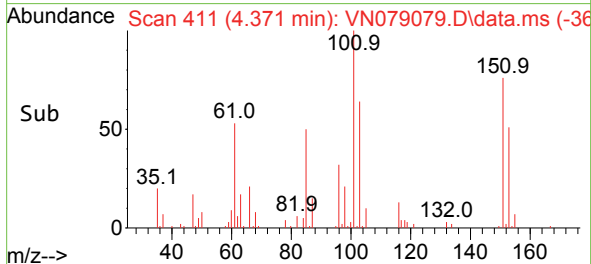
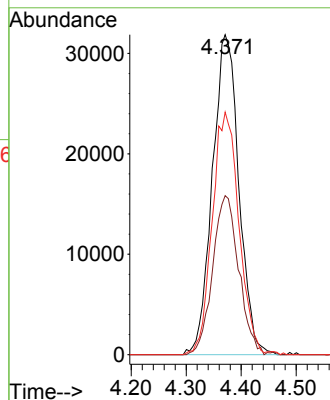
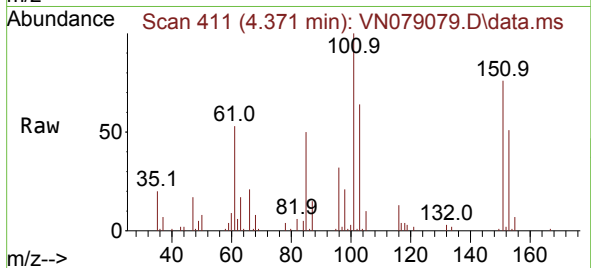




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.247 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

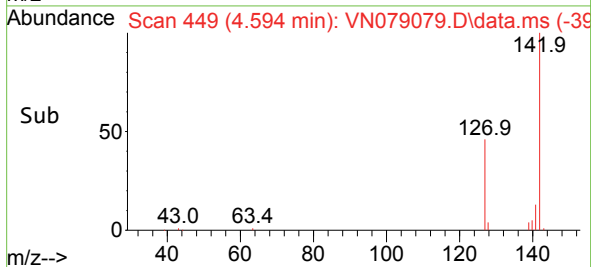
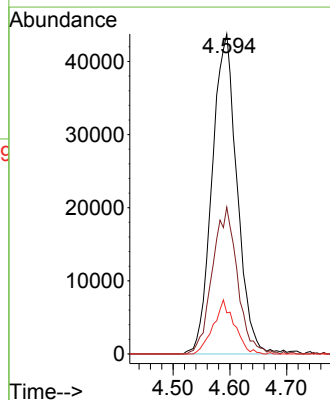
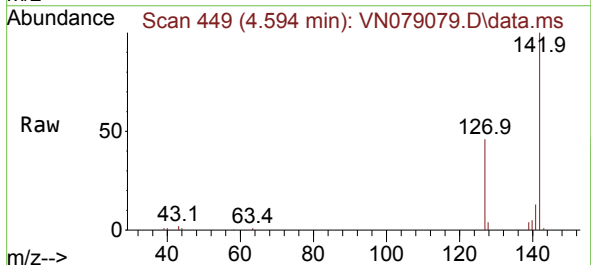
Instrument :
MSVOA_N
ClientSampleId :

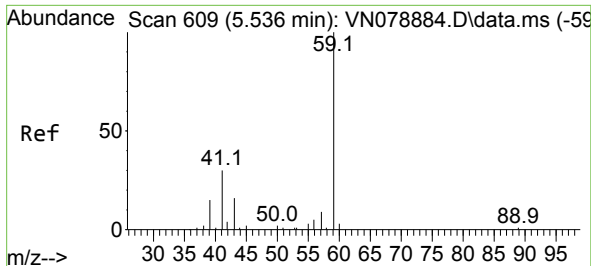
Tgt Ion:101 Resp: 106528
Ion Ratio Lower Upper
101 100
85 49.0 36.6 55.0
151 76.3 57.6 86.4



#10
Methyl Iodide
Concen: 57.239 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion:142 Resp: 133124
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 12.9 11.4 17.0

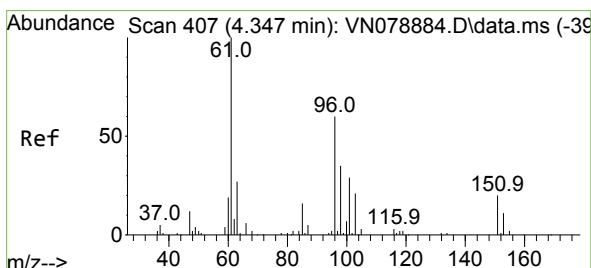
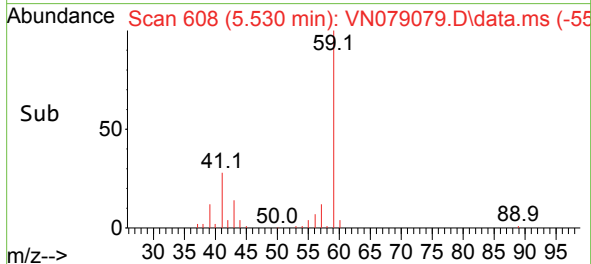
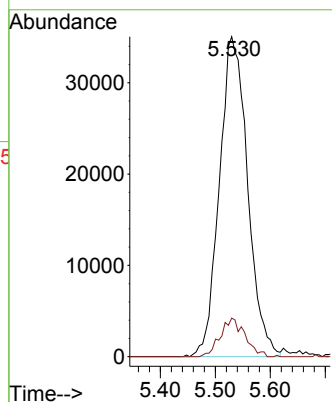
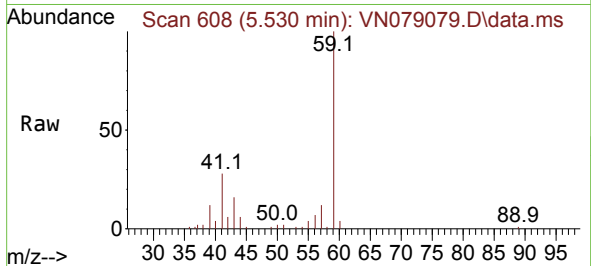




#11
Tert butyl alcohol
Concen: 253.644 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

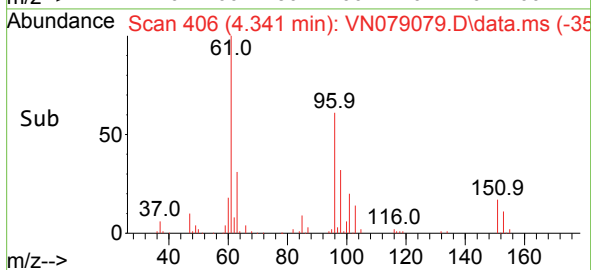
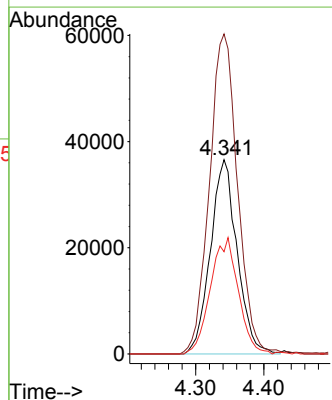
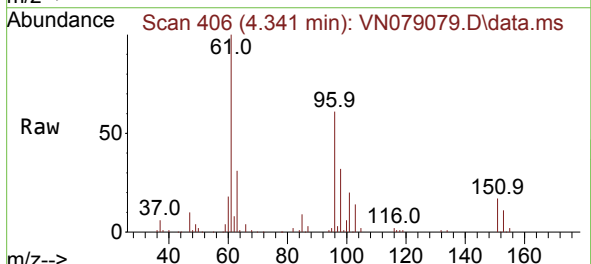
Instrument :
MSVOA_N
ClientSampleId :

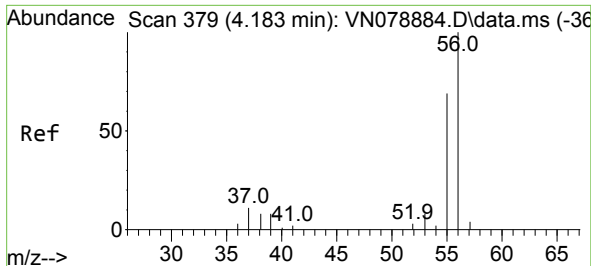
Tgt Ion: 59 Resp: 124916
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.309 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.007 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion: 96 Resp: 99845
Ion Ratio Lower Upper
96 100
61 164.7 112.7 169.1
98 52.6 51.2 76.8

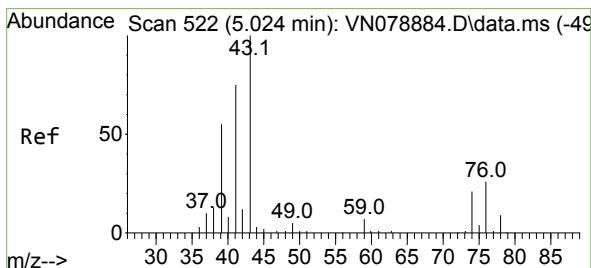
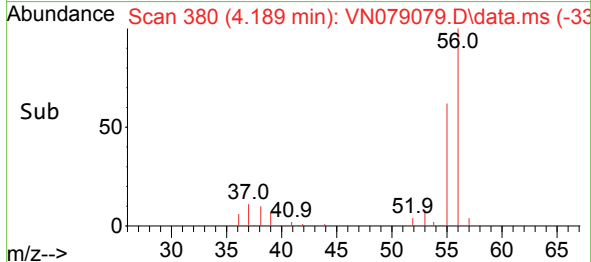
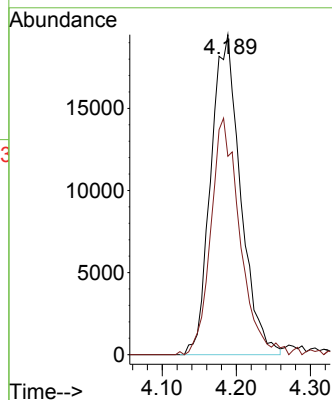
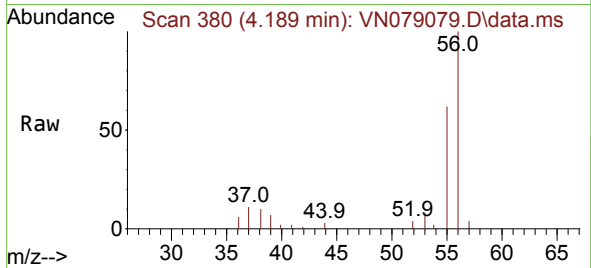




#13
Acrolein
Concen: 194.207 ug/l
RT: 4.189 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

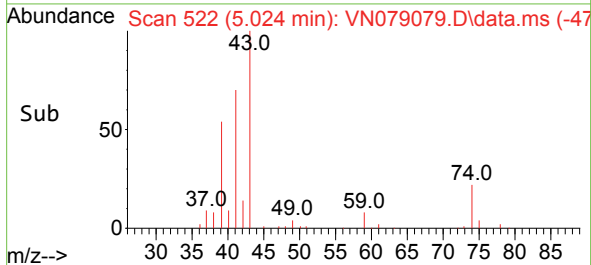
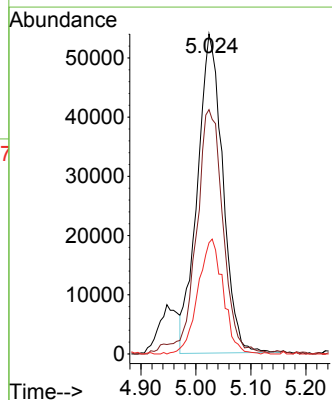
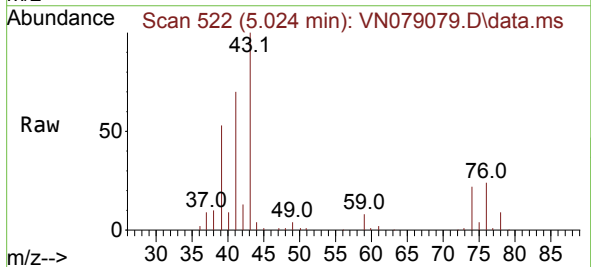
Instrument :
MSVOA_N
ClientSampleId :

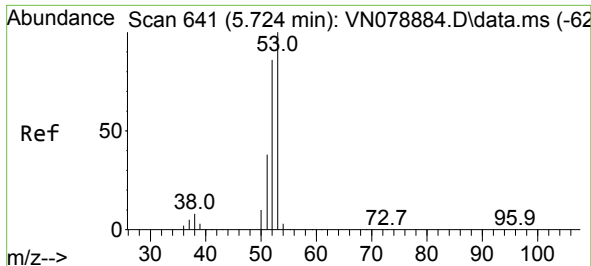
Tgt Ion: 56 Resp: 54288
Ion Ratio Lower Upper
56 100
55 70.9 54.5 81.7



#14
Allyl chloride
Concen: 42.944 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

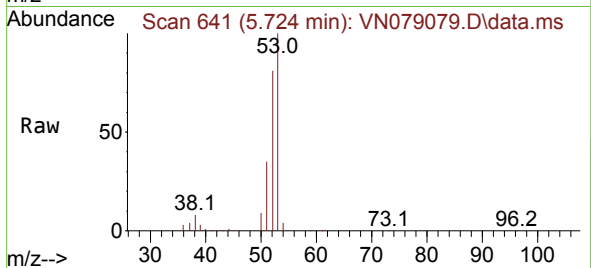
Tgt Ion: 41 Resp: 173068
Ion Ratio Lower Upper
41 100
39 80.8 58.8 88.2
76 35.8 39.1 58.7#



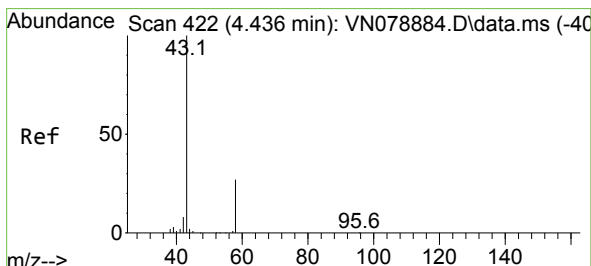
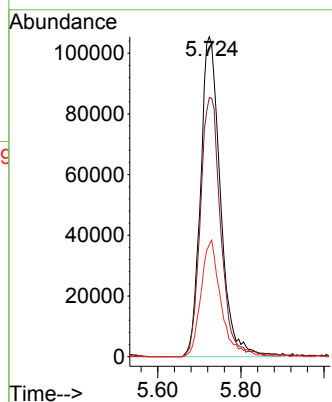
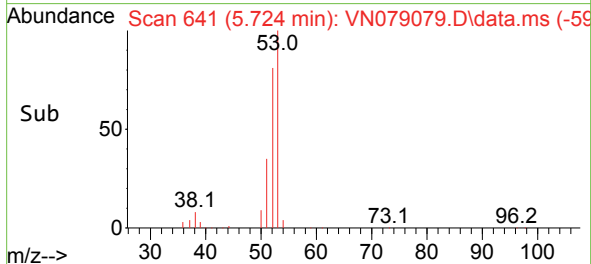


#15
Acrylonitrile
Concen: 262.758 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :

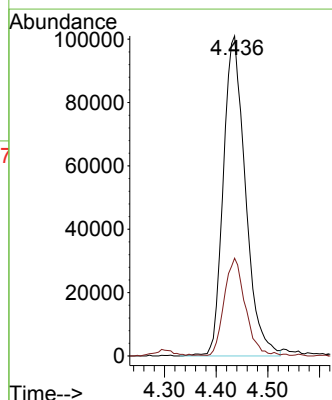
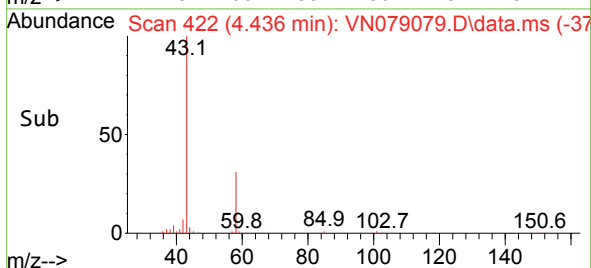
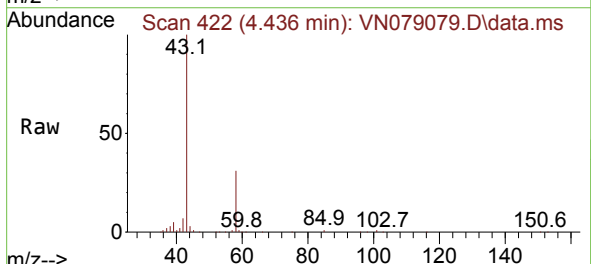


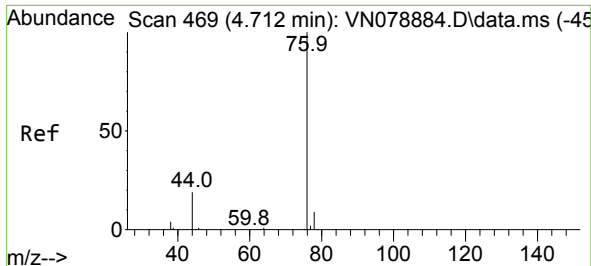
Tgt Ion: 53 Resp: 350565
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 36.8 28.9 43.3



#16
Acetone
Concen: 247.334 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion: 43 Resp: 299521
Ion Ratio Lower Upper
43 100
58 30.2 28.0 42.0

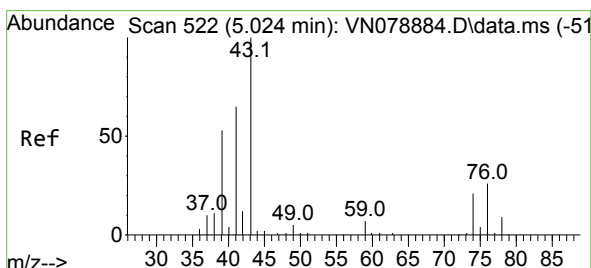
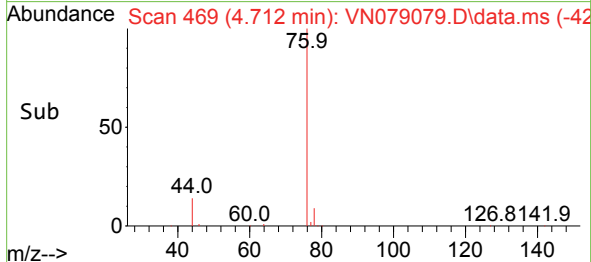
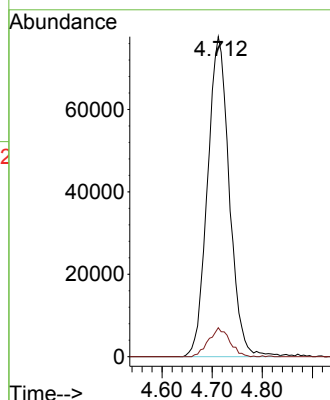
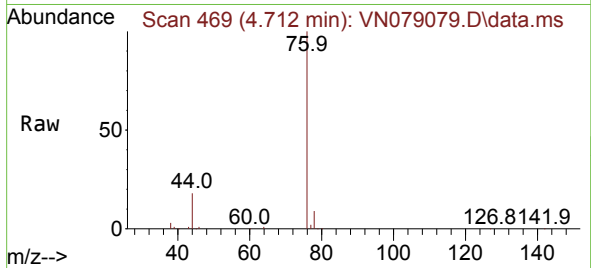




#17
Carbon Disulfide
Concen: 41.391 ug/l
RT: 4.712 min Scan# 413
Delta R.T. -0.012 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

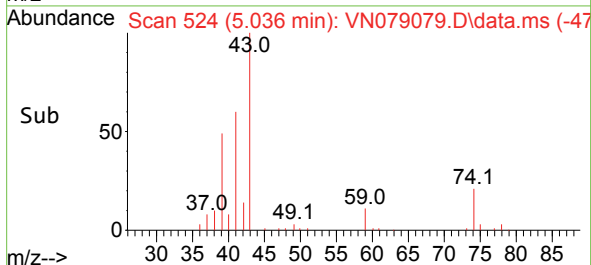
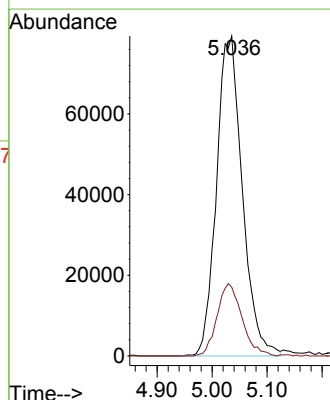
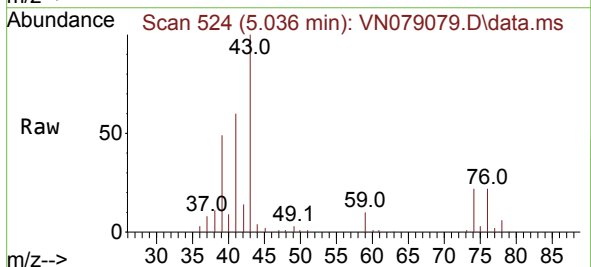
Instrument :
MSVOA_N
ClientSampleId :

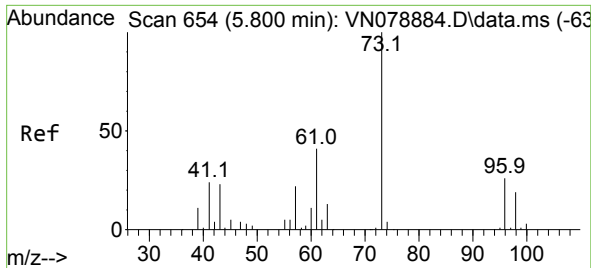
Tgt Ion: 76 Resp: 234605
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 50.553 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion: 43 Resp: 258619
Ion Ratio Lower Upper
43 100
74 21.8 26.2 39.4#

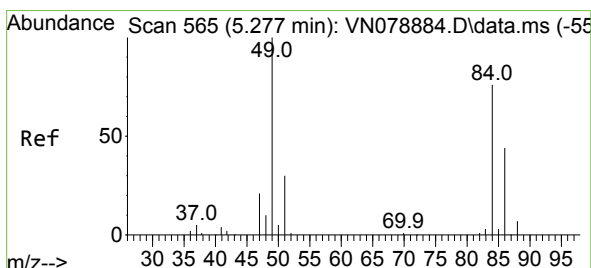
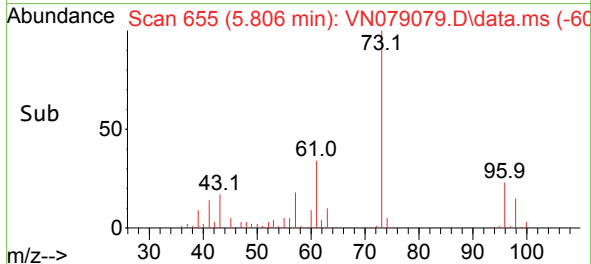
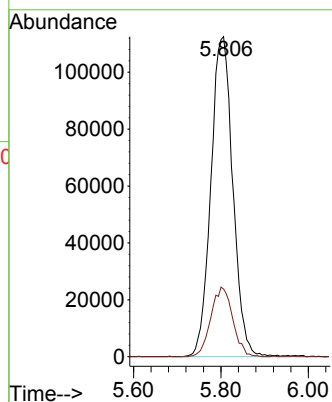
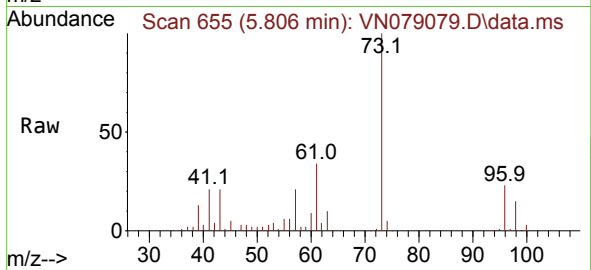




#19
Methyl tert-butyl Ether
Concen: 53.659 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

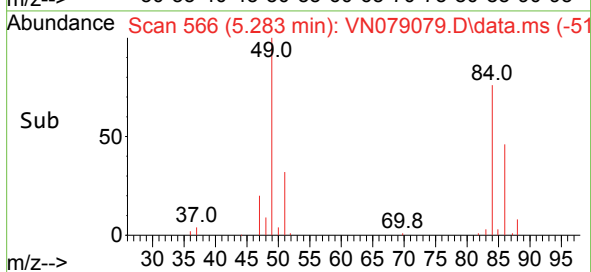
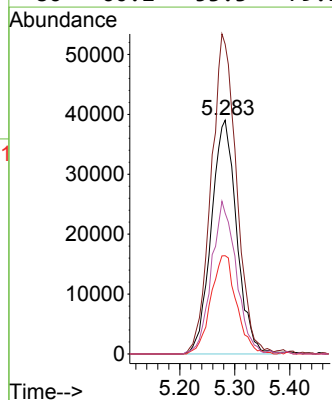
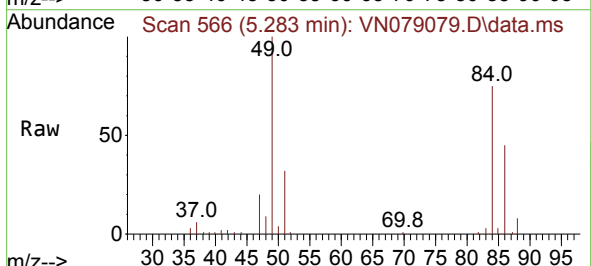
Instrument :
MSVOA_N
ClientSampleId :

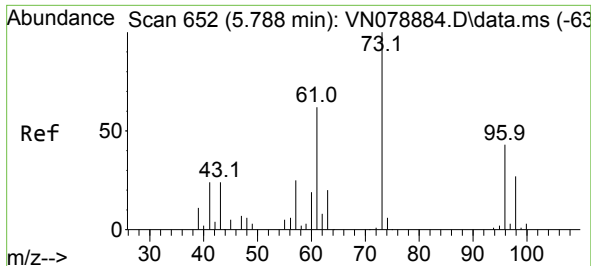
Tgt Ion: 73 Resp: 391393
Ion Ratio Lower Upper
73 100
57 21.2 15.6 23.4



#20
Methylene Chloride
Concen: 48.584 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

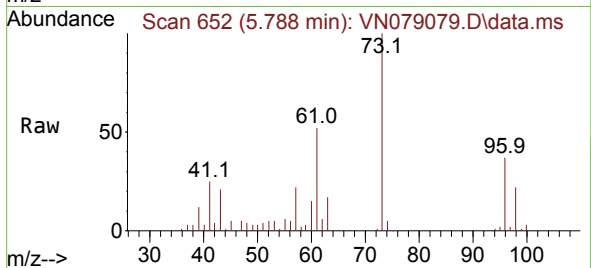
Tgt Ion: 84 Resp: 125382
Ion Ratio Lower Upper
84 100
49 132.5 79.7 119.5#
51 42.0 25.2 37.8#
86 60.2 53.3 79.9



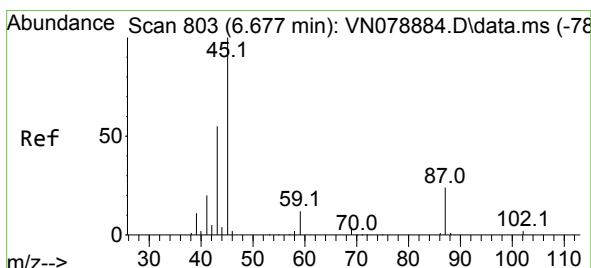
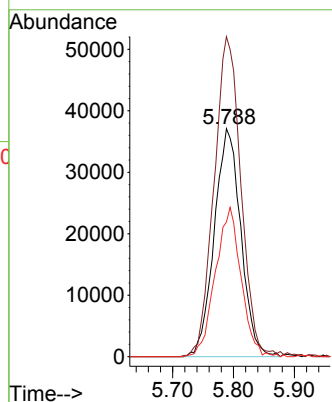
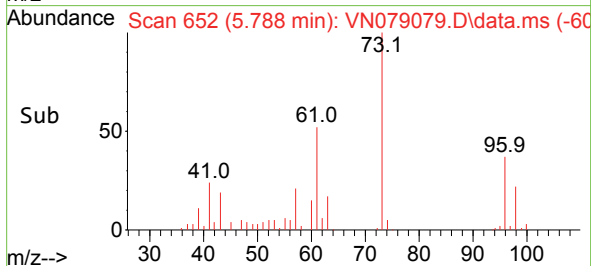


#21
trans-1,2-Dichloroethene
Concen: 49.457 ug/l
RT: 5.788 min Scan# 612
Delta R.T. -0.001 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

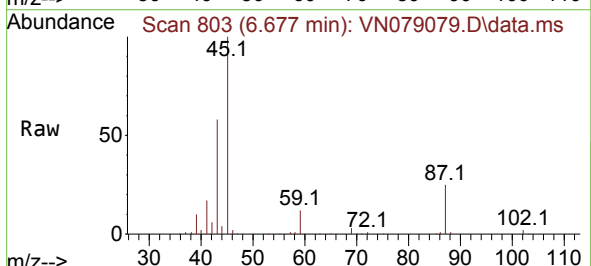
Instrument :
MSVOA_N
ClientSampleId :



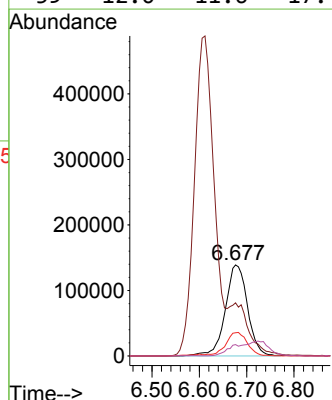
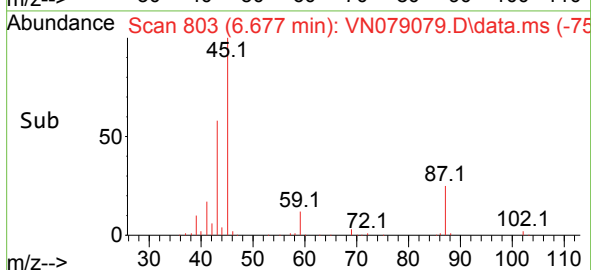
Tgt Ion: 96 Resp: 112298
Ion Ratio Lower Upper
96 100
61 140.4 90.1 135.1#
98 59.1 46.4 69.6

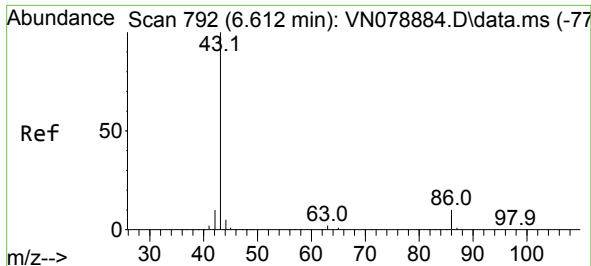


#22
Diisopropyl ether
Concen: 53.022 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08



Tgt Ion: 45 Resp: 452054
Ion Ratio Lower Upper
45 100
43 56.2 45.5 68.3
87 25.2 31.8 47.8#
59 12.0 11.6 17.4

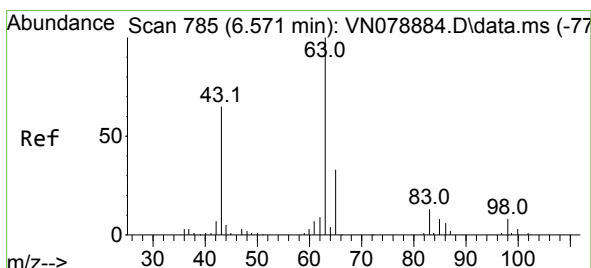
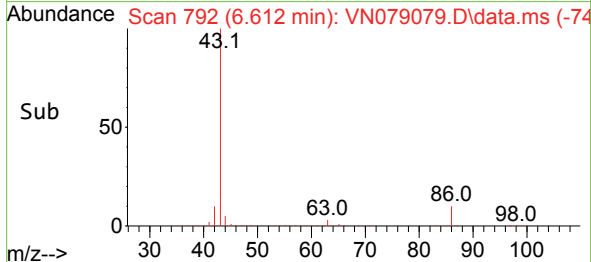
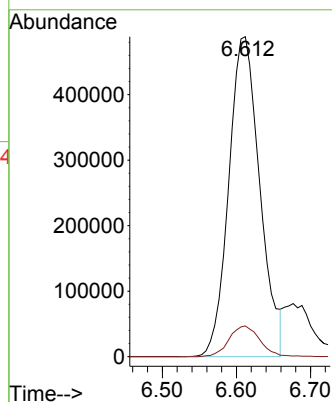
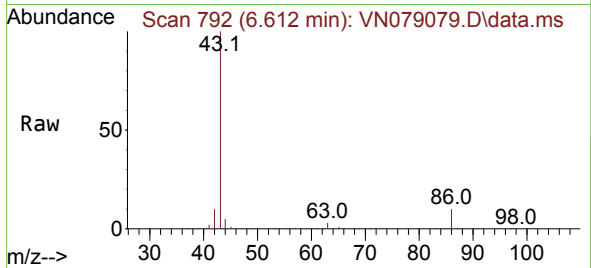




#23
 Vinyl Acetate
 Concen: 253.223 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN079079.D
 Acq: 28 Aug 2023 20:08

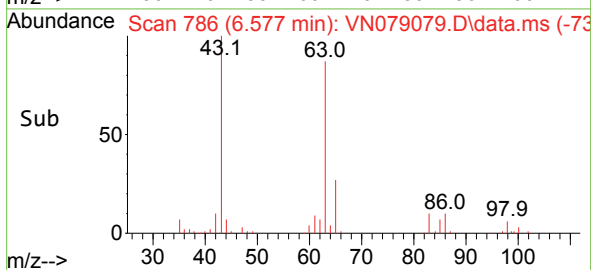
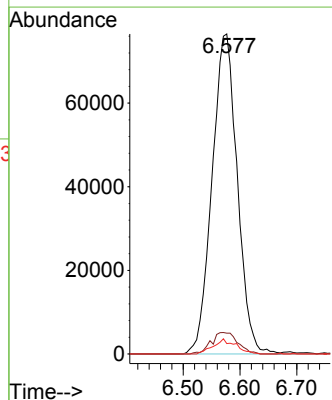
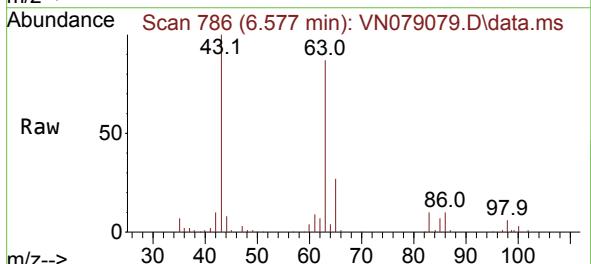
Instrument :
 MSVOA_N
 ClientSampleId :

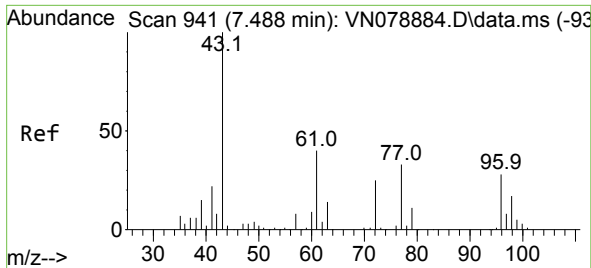
Tgt Ion: 43 Resp: 1421516
 Ion Ratio Lower Upper
 43 100
 86 9.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 50.665 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079079.D
 Acq: 28 Aug 2023 20:08

Tgt Ion: 63 Resp: 235977
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 3.2 2.5 7.4

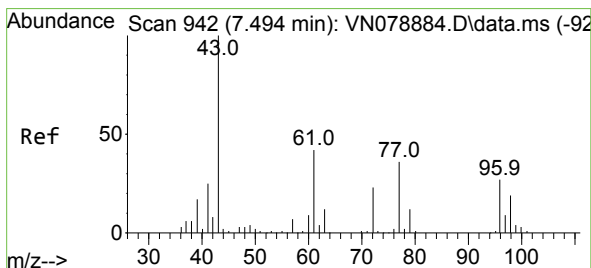
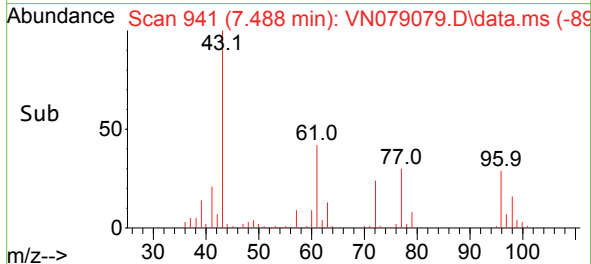
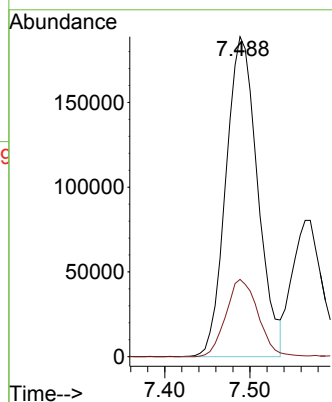
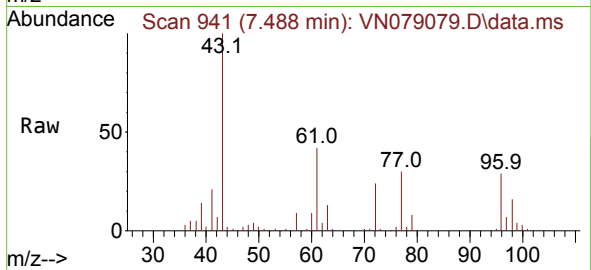




#25
2-Butanone
Concen: 251.973 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

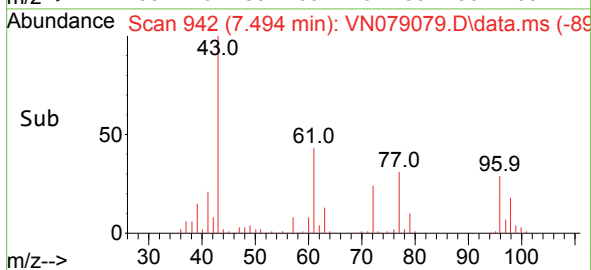
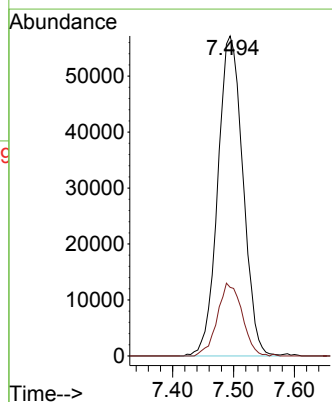
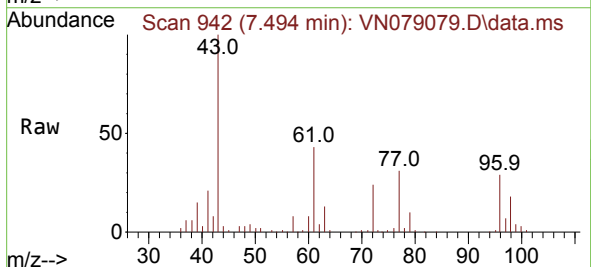
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 489220
Ion Ratio Lower Upper
43 100
72 24.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 43.545 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion: 77 Resp: 163938
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.951 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.012 min

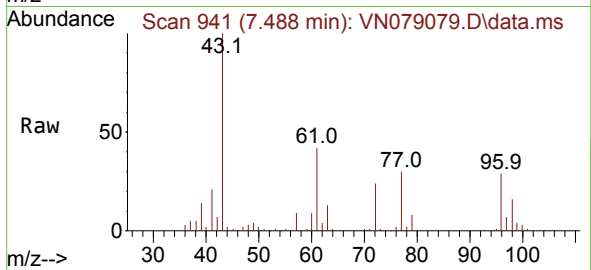
Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :



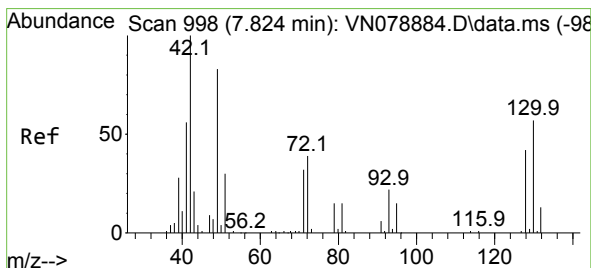
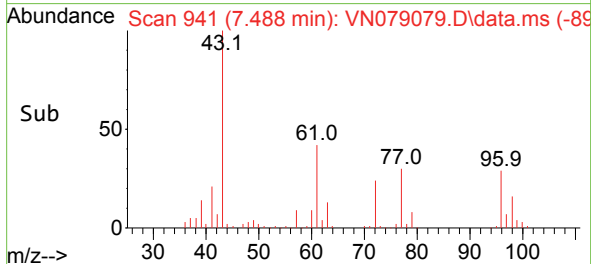
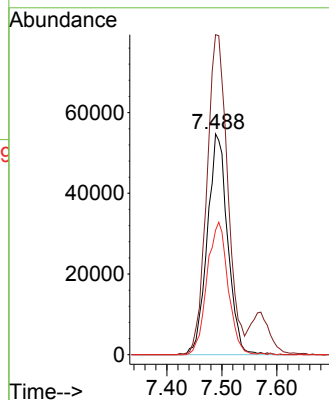
Tgt Ion: 96 Resp: 140616

Ion Ratio Lower Upper

96 100

61 148.3 0.0 255.2

98 62.0 0.0 128.8



#28

Bromochloromethane

Concen: 48.208 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.012 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

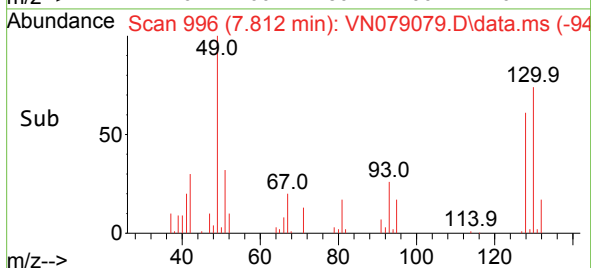
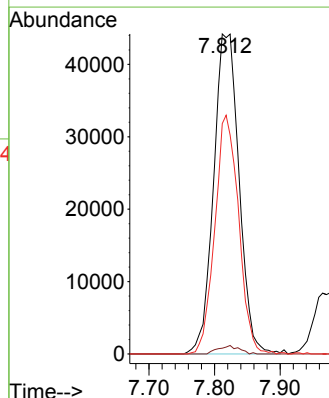
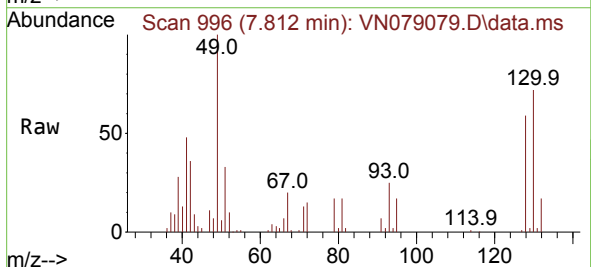
Tgt Ion: 49 Resp: 119107

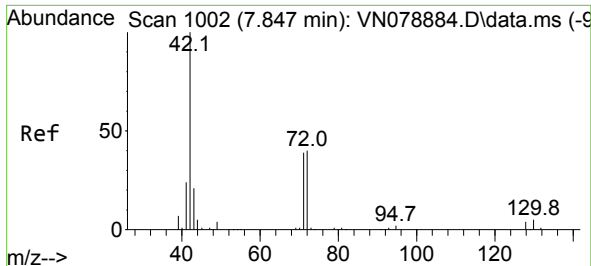
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

130 69.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 255.716 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

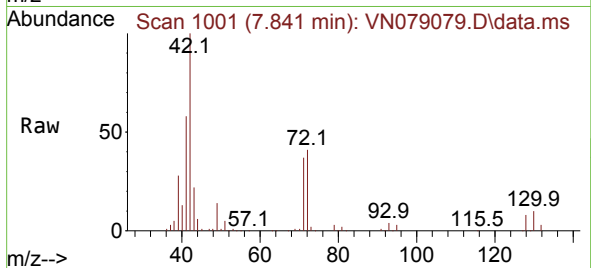
Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :



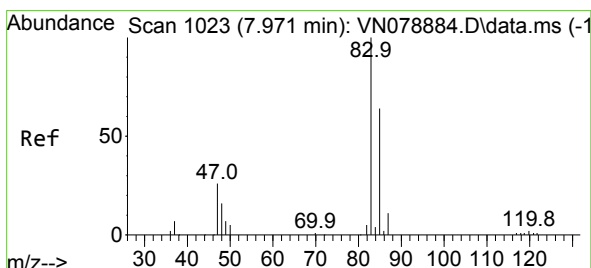
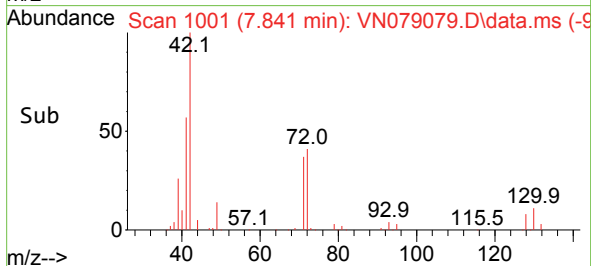
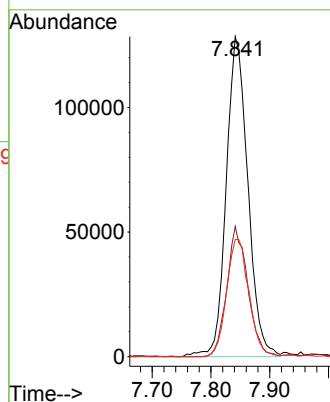
Tgt Ion: 42 Resp: 328623

Ion Ratio Lower Upper

42 100

72 39.4 49.8 74.6#

71 37.9 47.4 71.2#



#30

Chloroform

Concen: 52.284 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079079.D

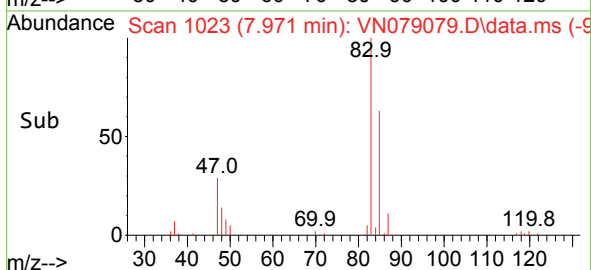
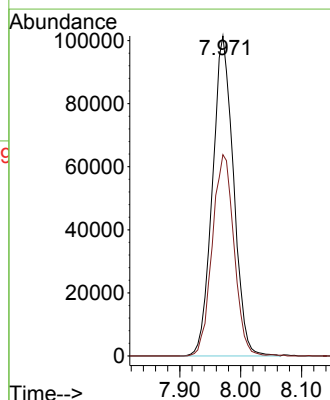
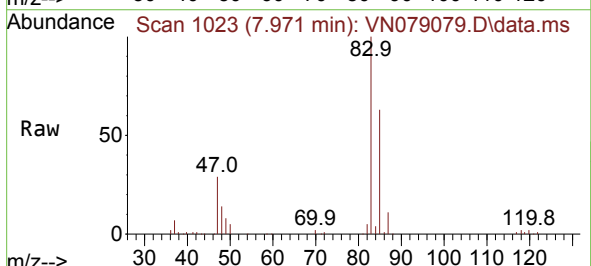
Acq: 28 Aug 2023 20:08

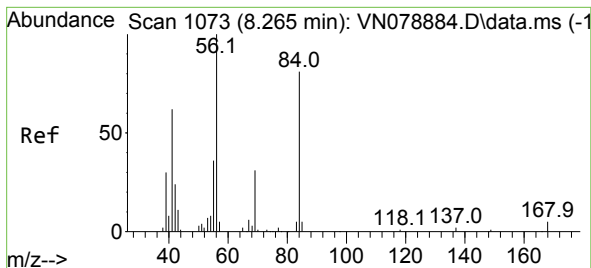
Tgt Ion: 83 Resp: 243284

Ion Ratio Lower Upper

83 100

85 62.9 55.4 83.0





#31

Cyclohexane

Concen: 48.254 ug/l

RT: 8.259 min Scan# 1073

Delta R.T. -0.006 min

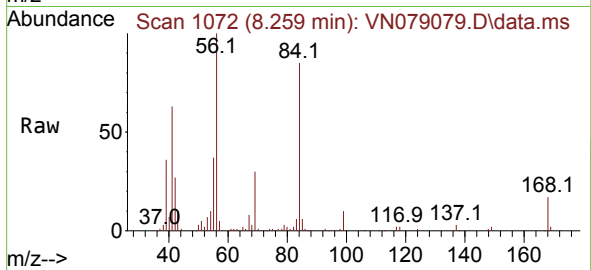
Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :



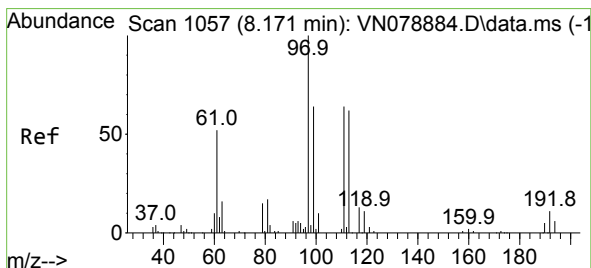
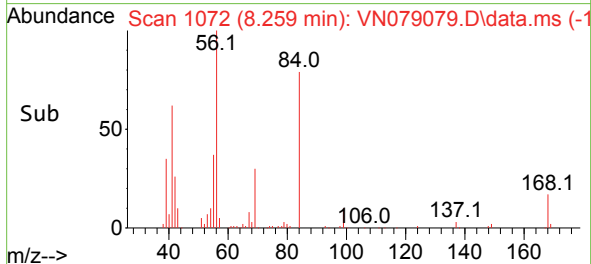
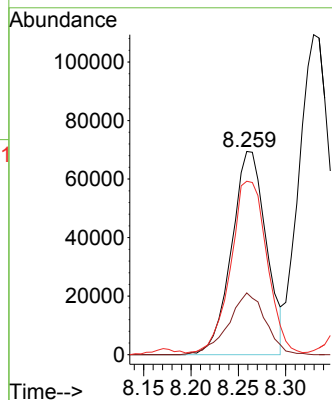
Tgt Ion: 56 Resp: 176955

Ion Ratio Lower Upper

56 100

69 30.4 26.8 40.2

84 83.5 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 53.369 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

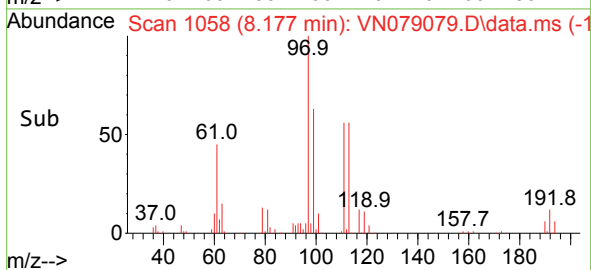
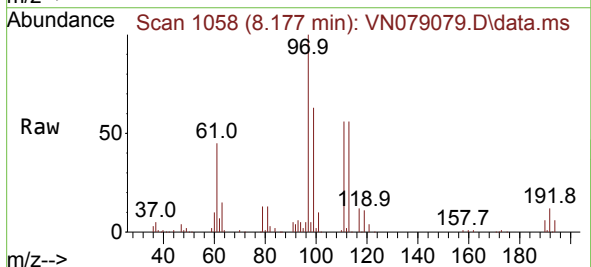
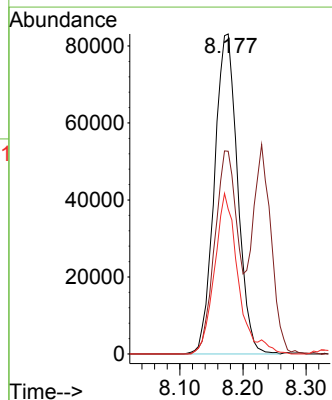
Tgt Ion: 97 Resp: 211746

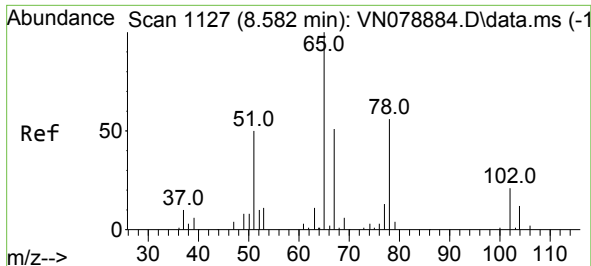
Ion Ratio Lower Upper

97 100

99 62.1 50.3 75.5

61 51.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.136 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

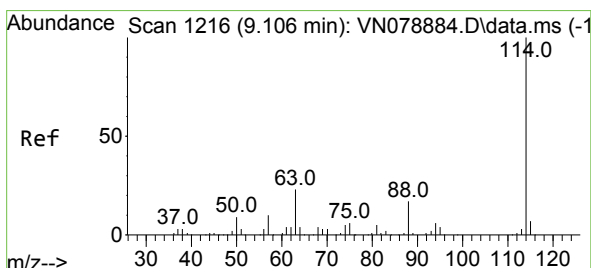
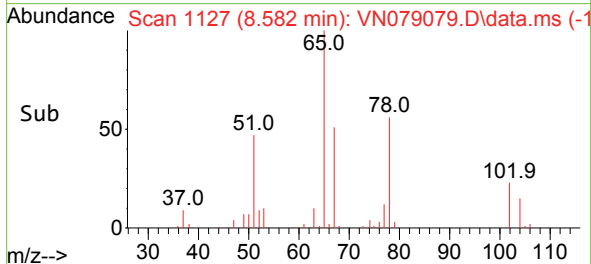
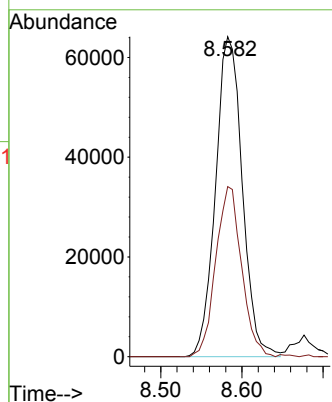
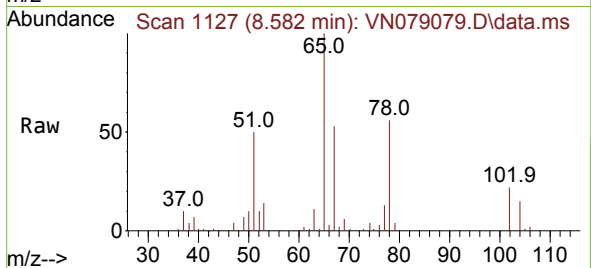
ClientSampleId :

Tgt Ion: 65 Resp: 147145

Ion Ratio Lower Upper

65 100

67 51.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

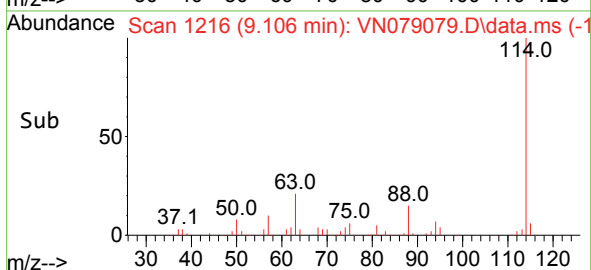
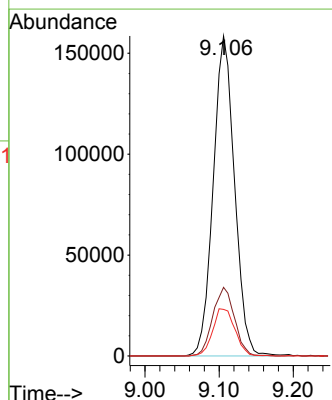
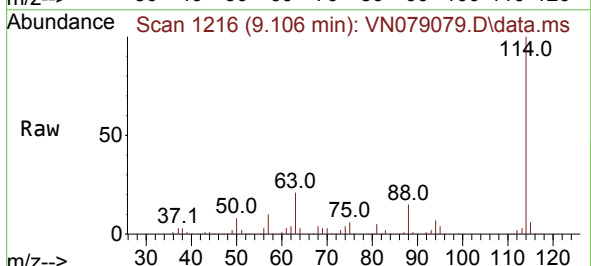
Tgt Ion:114 Resp: 316694

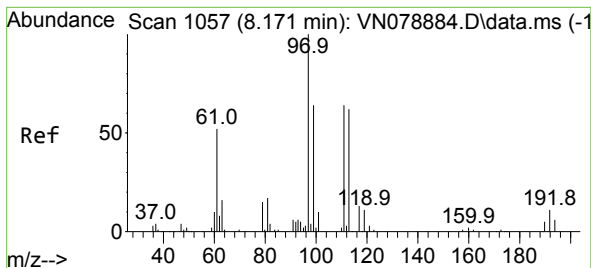
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 14.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.737 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

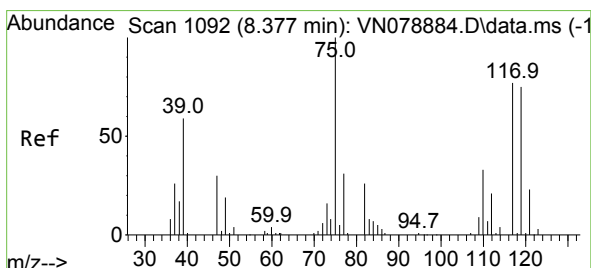
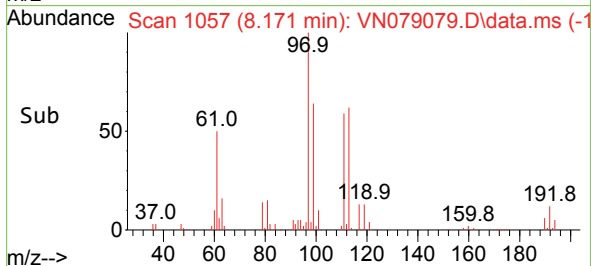
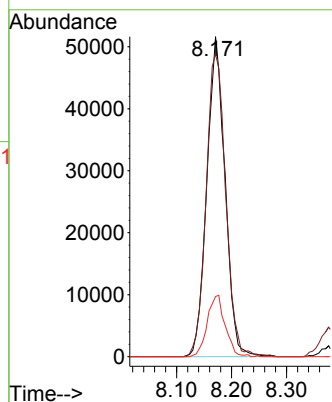
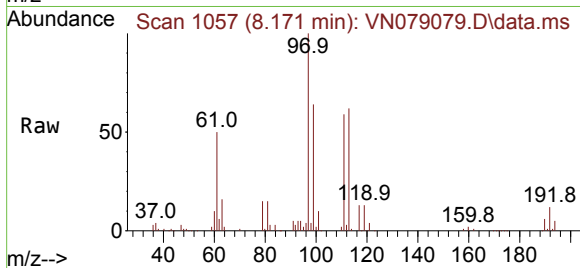
Tgt Ion:113 Resp: 118822

Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

192 18.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 53.345 ug/l

RT: 8.376 min Scan# 1092

Delta R.T. -0.001 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

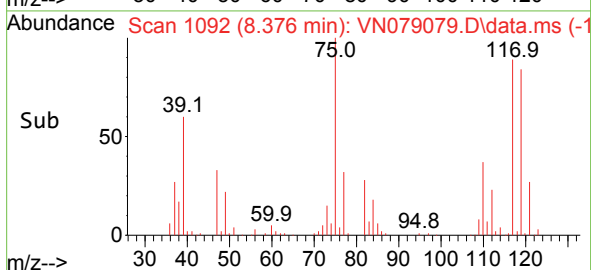
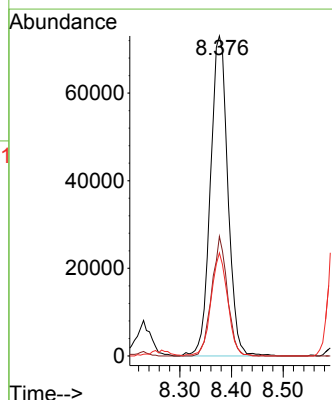
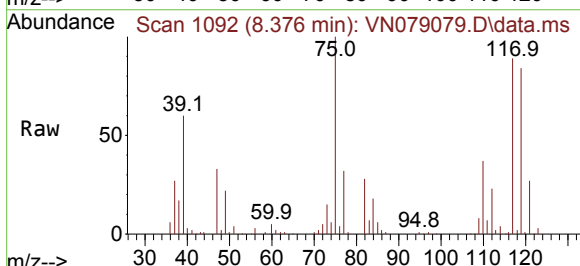
Tgt Ion: 75 Resp: 171066

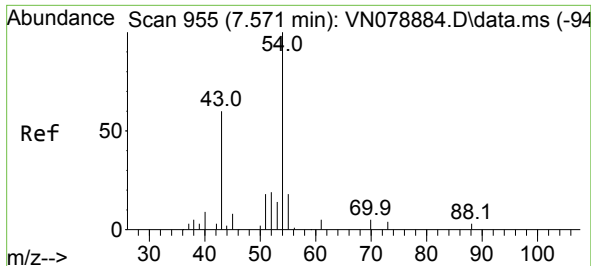
Ion Ratio Lower Upper

75 100

110 33.7 19.1 57.3

77 30.7 25.0 37.4

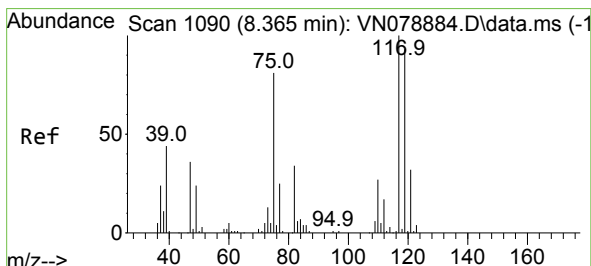
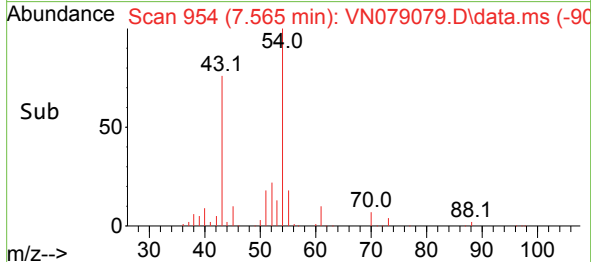
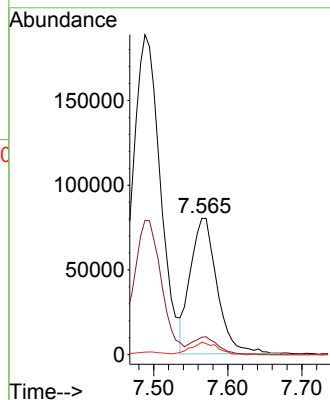
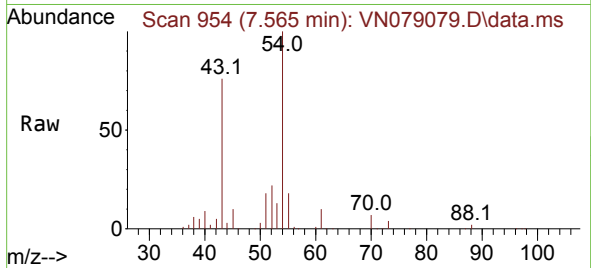




#37
Ethyl Acetate
Concen: 55.781 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

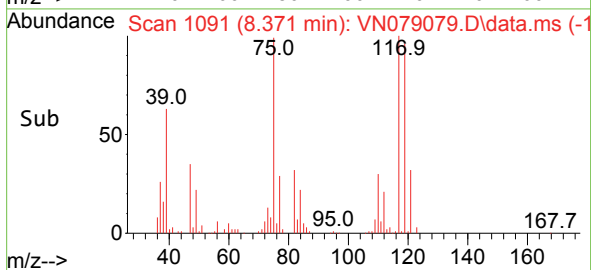
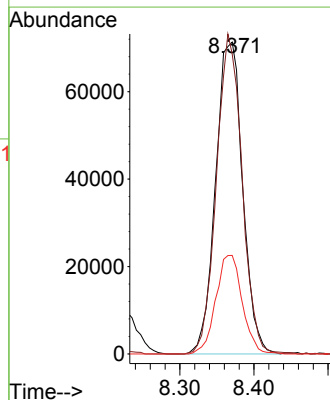
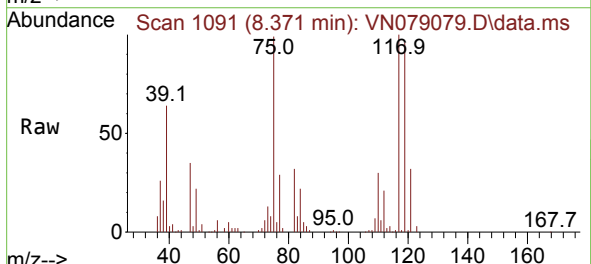
Instrument :
MSVOA_N
ClientSampleId :

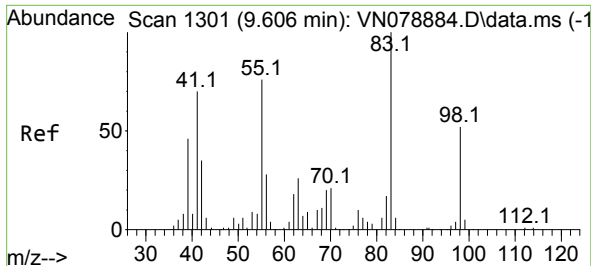
Tgt Ion: 43 Resp: 200140
Ion Ratio Lower Upper
43 100
61 13.1 13.2 19.8#
70 9.1 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 56.298 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion: 117 Resp: 180894
Ion Ratio Lower Upper
117 100
119 96.2 77.3 115.9
121 31.6 23.3 34.9





#39

Methylcyclohexane

Concen: 54.589 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

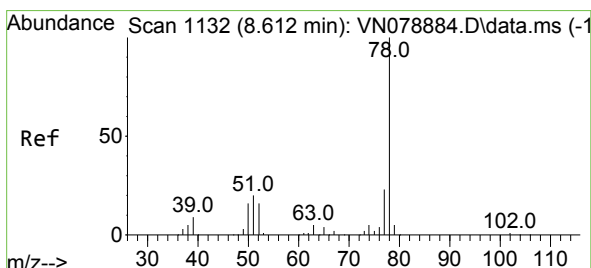
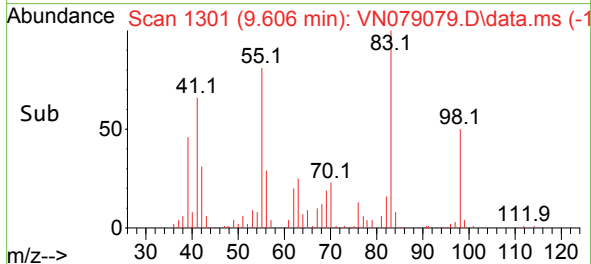
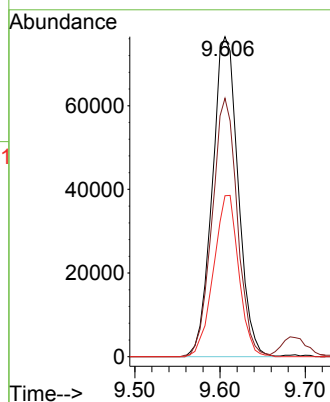
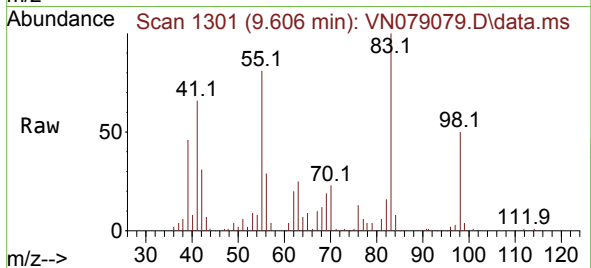
Tgt Ion: 83 Resp: 161000

Ion Ratio Lower Upper

83 100

55 80.8 49.1 73.7#

98 50.3 40.6 61.0



#40

Benzene

Concen: 54.575 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079079.D

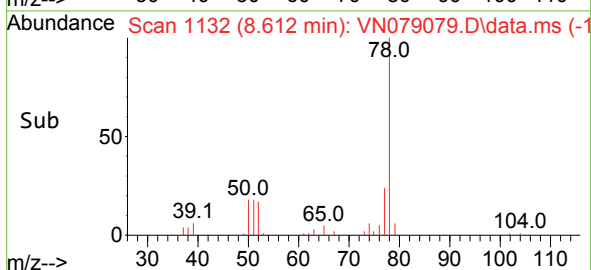
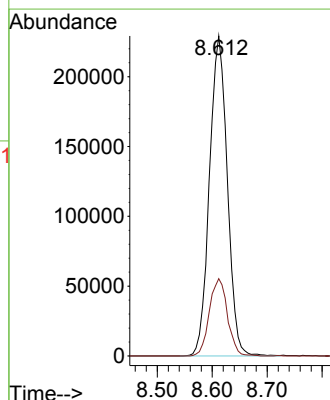
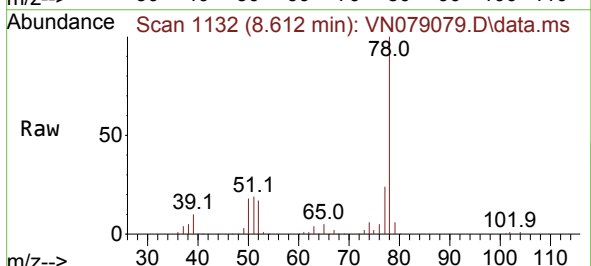
Acq: 28 Aug 2023 20:08

Tgt Ion: 78 Resp: 517288

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

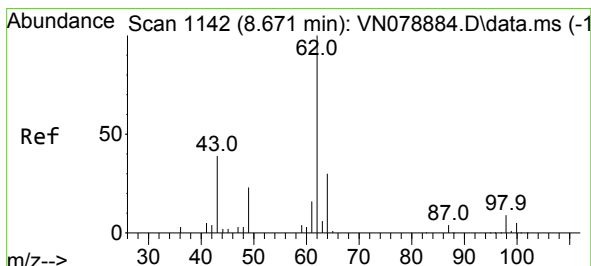
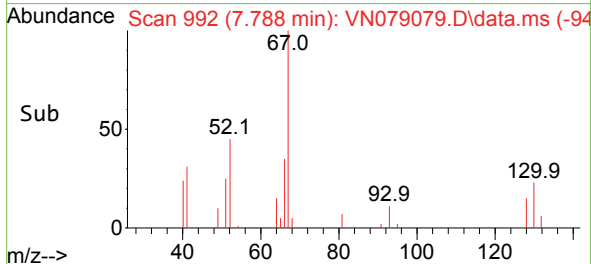
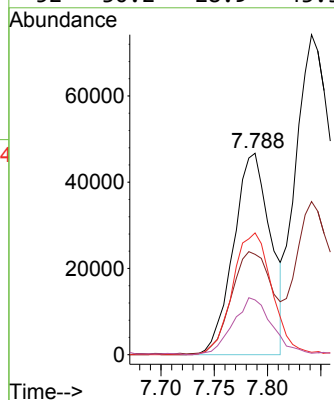
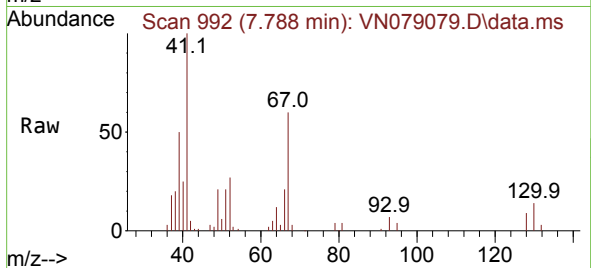




#41
Methacrylonitrile
Concen: 58.113 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.006 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

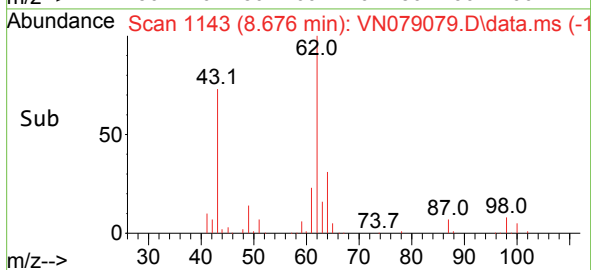
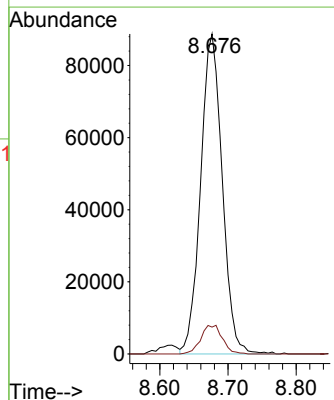
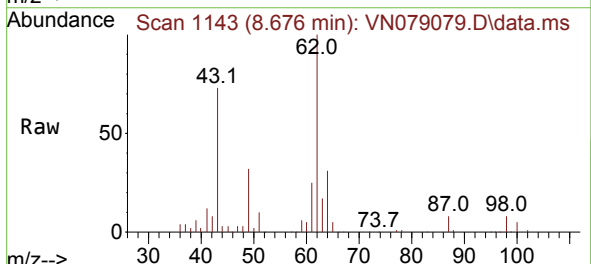
Instrument :
MSVOA_N
ClientSampleId :

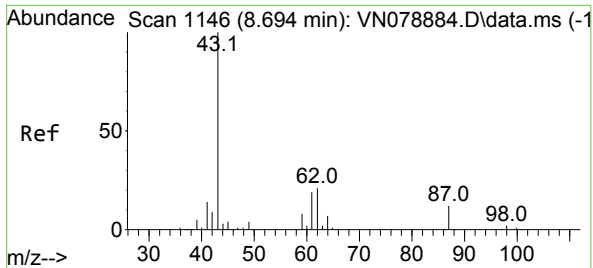
Tgt Ion:	41	Resp:	113560
Ion	Ratio	Lower	Upper
41	100		
39	55.5	42.6	64.0
67	64.6	77.5	116.3
52	30.2	28.9	43.3



#42
1,2-Dichloroethane
Concen: 55.312 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion:	62	Resp:	195869
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.8

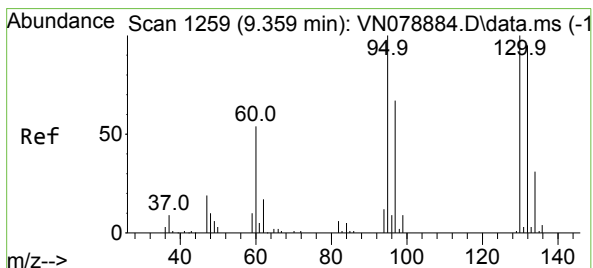
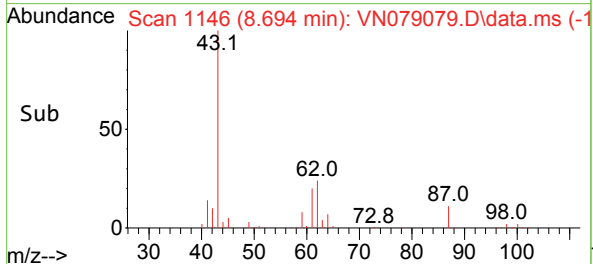
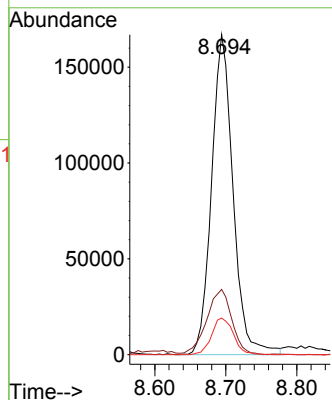
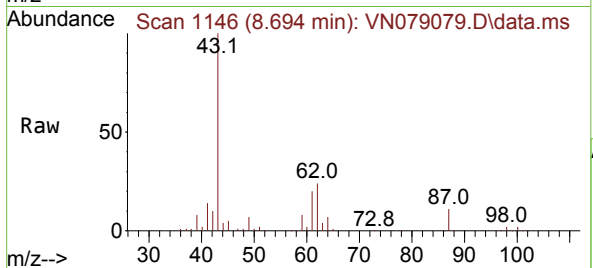




#43
Isopropyl Acetate
Concen: 55.418 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

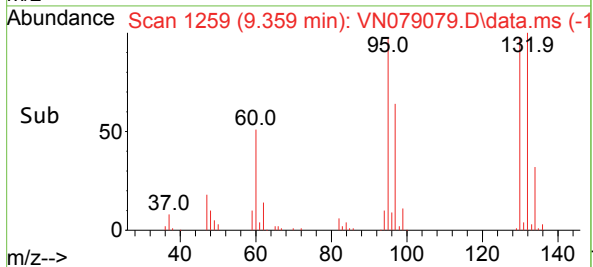
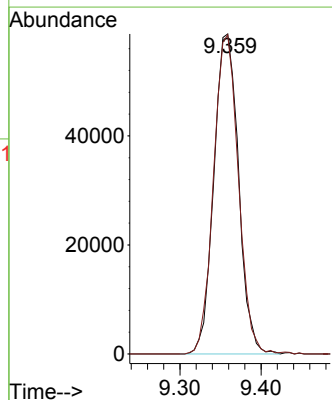
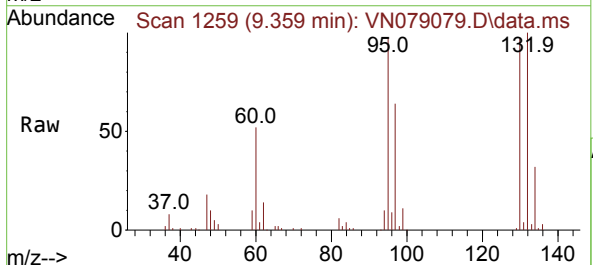
Instrument :
MSVOA_N
ClientSampleId :

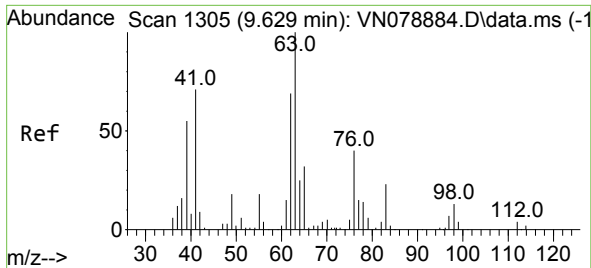
Tgt Ion: 43 Resp: 351446
Ion Ratio Lower Upper
43 100
61 23.9 24.7 37.1#
87 11.6 14.6 21.8#



#44
Trichloroethene
Concen: 54.963 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion:130 Resp: 123788
Ion Ratio Lower Upper
130 100
95 99.7 0.0 204.6

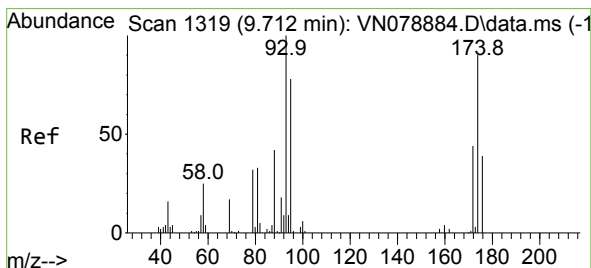
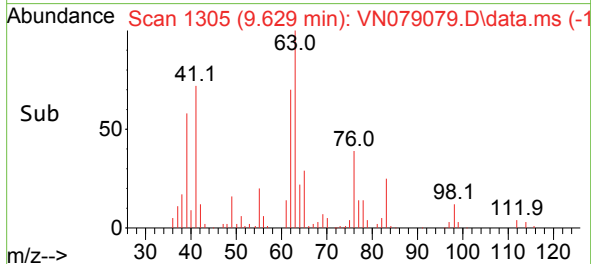
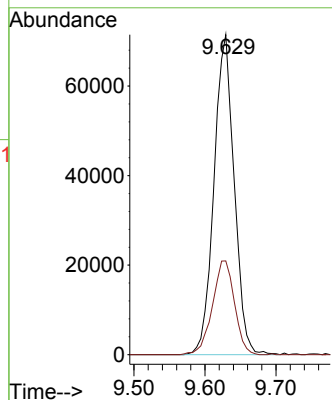
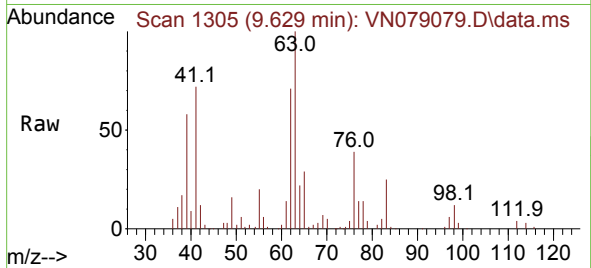




#45
1,2-Dichloropropane
Concen: 55.822 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.005 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

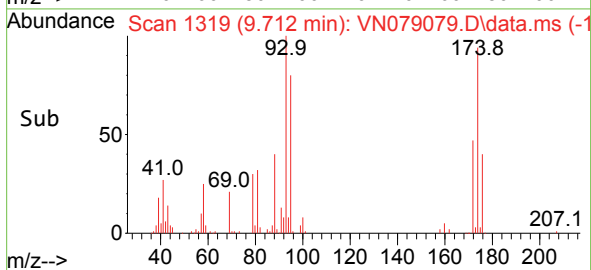
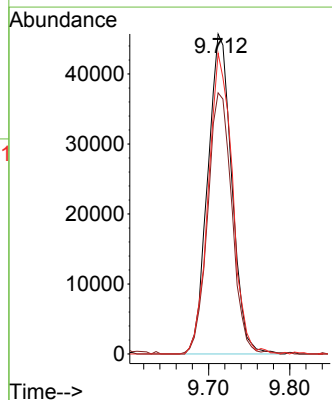
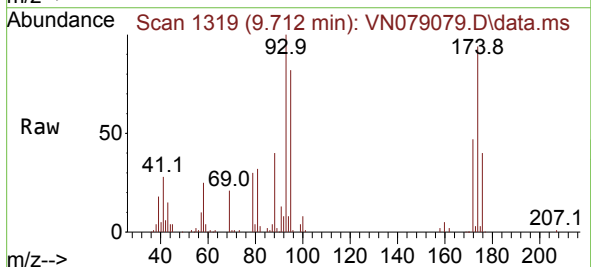
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 140872
Ion Ratio Lower Upper
63 100
65 29.3 23.9 35.9



#46
Dibromomethane
Concen: 54.430 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion: 93 Resp: 94214
Ion Ratio Lower Upper
93 100
95 82.4 63.8 95.8
174 93.8 65.6 98.4

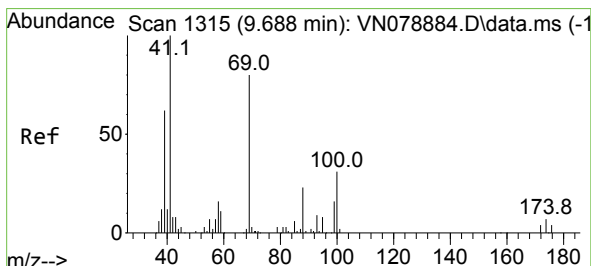
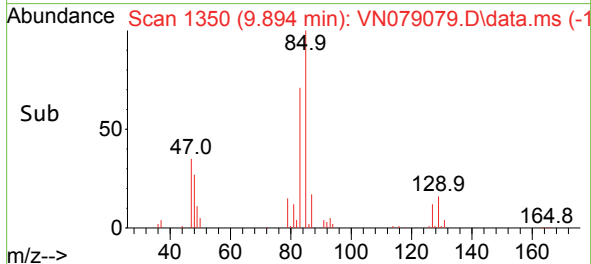
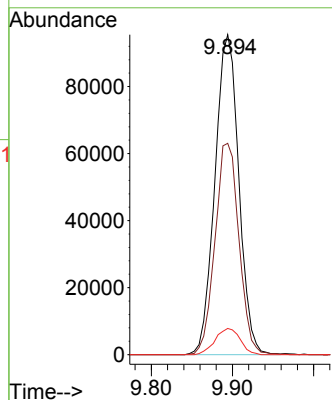
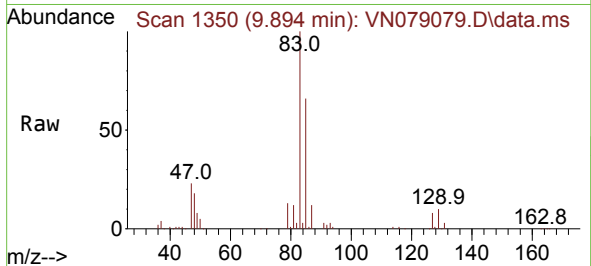




#47
Bromodichloromethane
Concen: 57.207 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

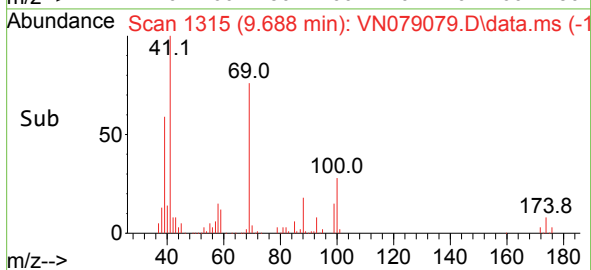
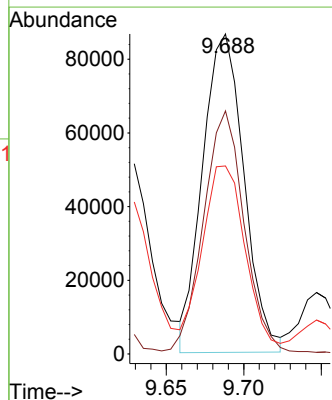
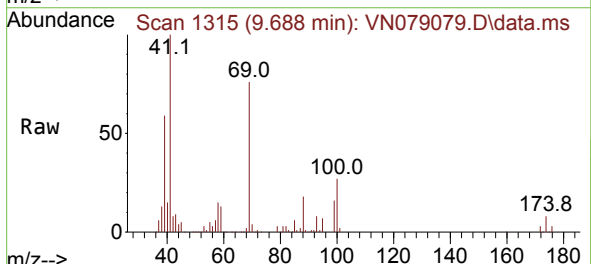
Instrument :
MSVOA_N
ClientSampleId :

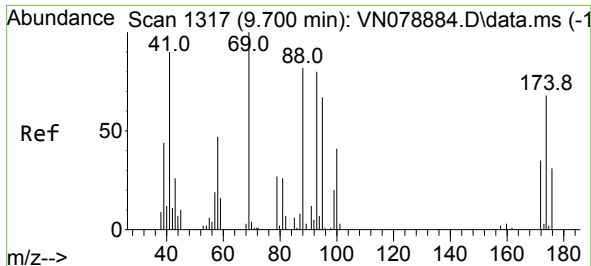
Tgt Ion: 83 Resp: 195531
Ion Ratio Lower Upper
83 100
85 66.1 49.6 74.4
127 8.2 7.0 10.6



#48
Methyl methacrylate
Concen: 55.944 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion: 41 Resp: 160766
Ion Ratio Lower Upper
41 100
69 76.4 90.4 135.6#
39 62.0 54.6 81.8





#49

1,4-Dioxane

Concen: 1084.107 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

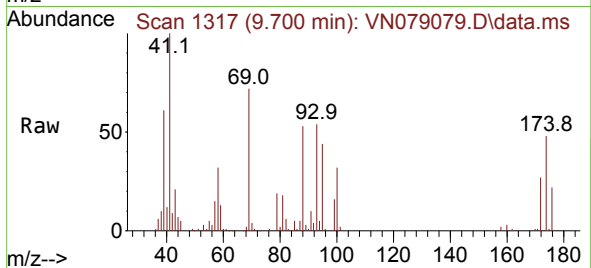
Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :



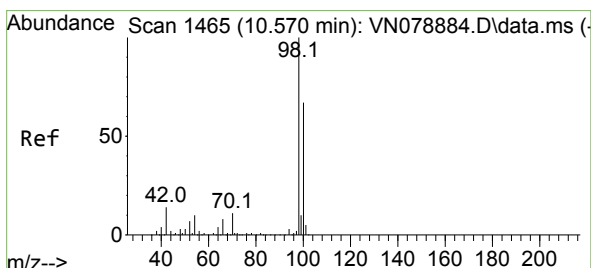
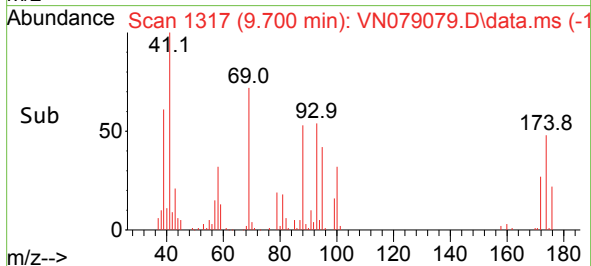
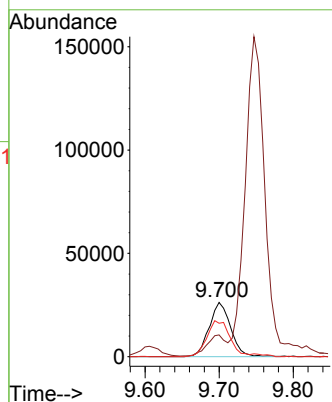
Tgt Ion: 88 Resp: 53065

Ion Ratio Lower Upper

88 100

43 34.1 17.0 25.6#

58 73.9 47.0 70.4#



#50

Toluene-d8

Concen: 52.381 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN079079.D

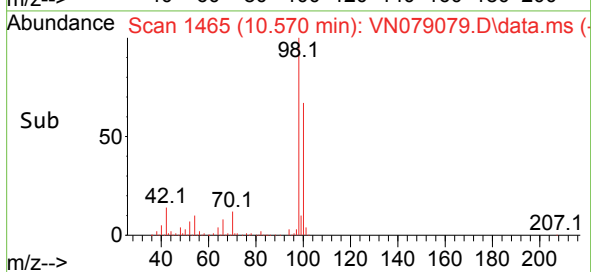
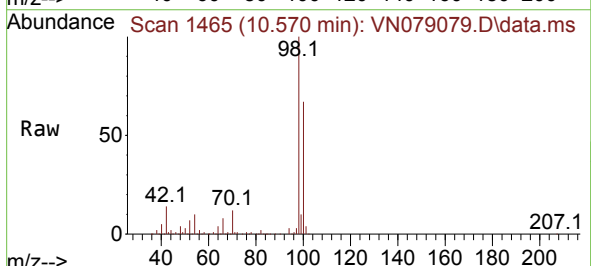
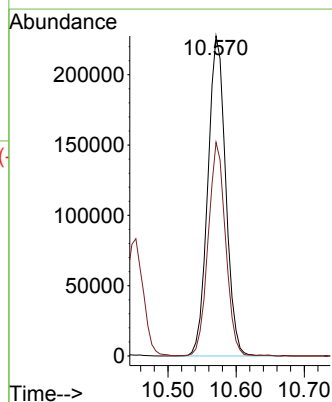
Acq: 28 Aug 2023 20:08

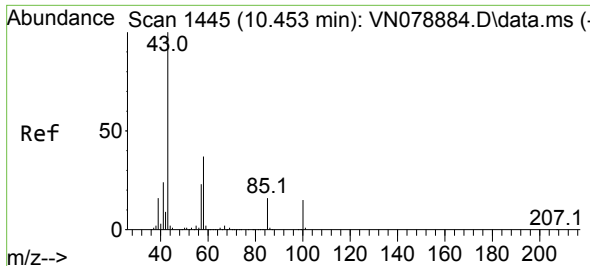
Tgt Ion: 98 Resp: 414629

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

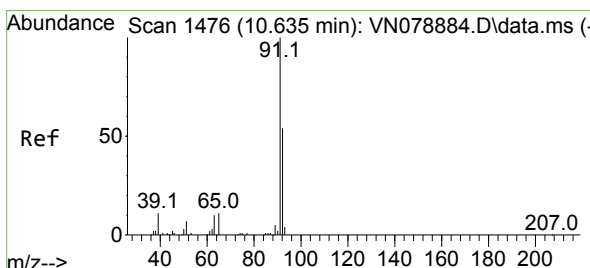
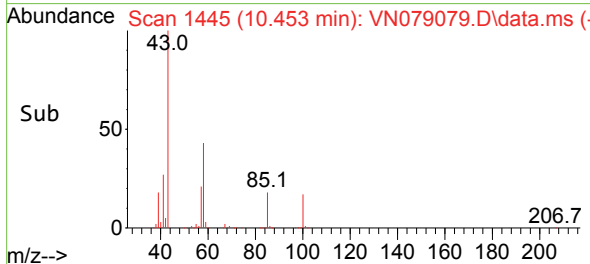
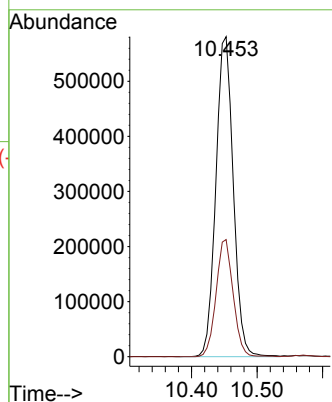
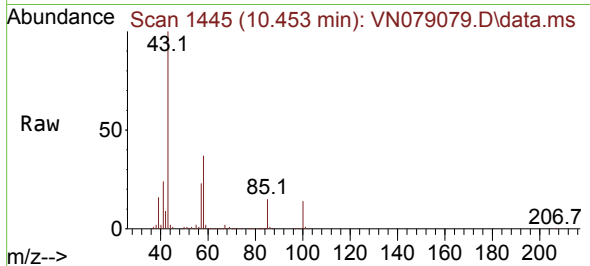




#51
4-Methyl-2-Pentanone
Concen: 283.885 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

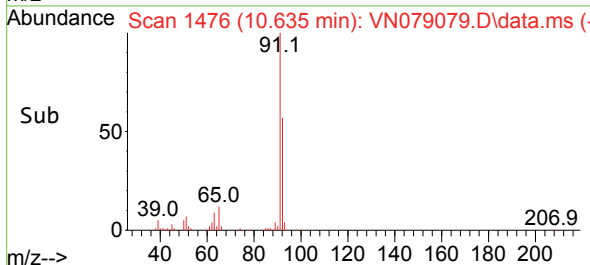
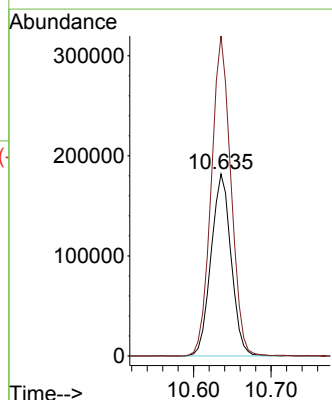
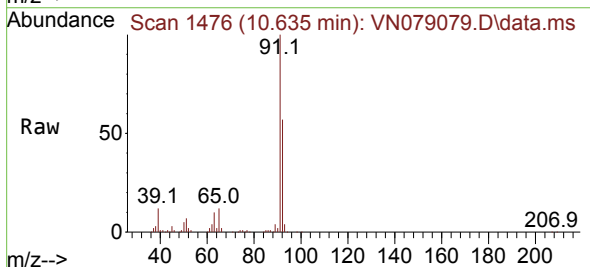
Instrument :
MSVOA_N
ClientSampleId :

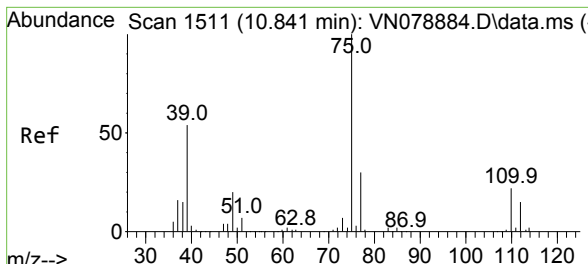
Tgt Ion: 43 Resp: 1067767
Ion Ratio Lower Upper
43 100
58 35.9 36.6 54.8#



#52
Toluene
Concen: 56.008 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion: 92 Resp: 325938
Ion Ratio Lower Upper
92 100
91 173.0 137.4 206.0

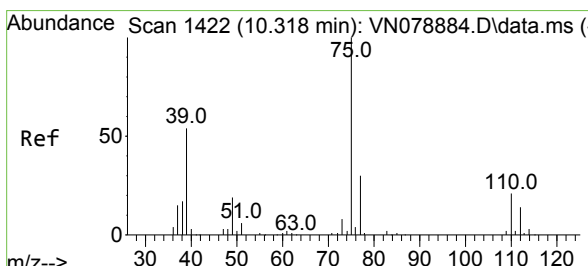
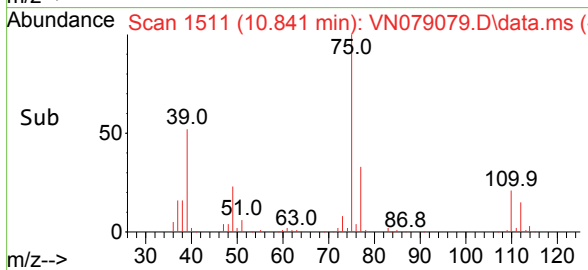
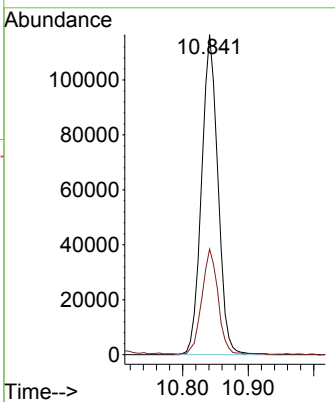
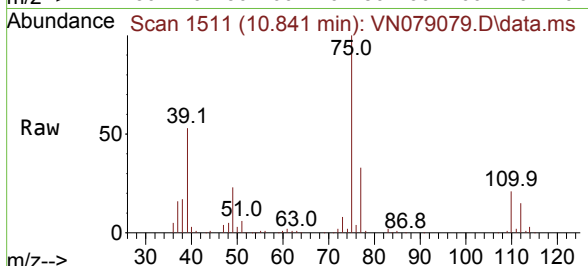




#53
 t-1,3-Dichloropropene
 Concen: 55.210 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079079.D
 Acq: 28 Aug 2023 20:08

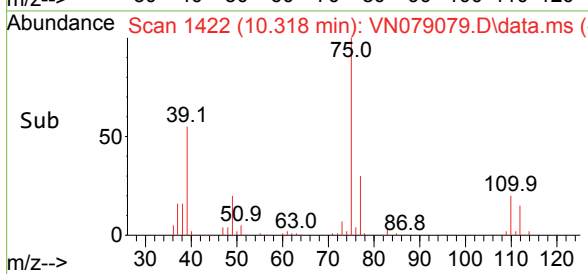
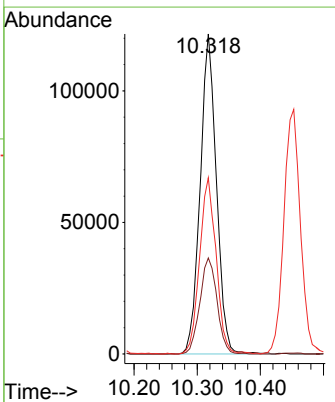
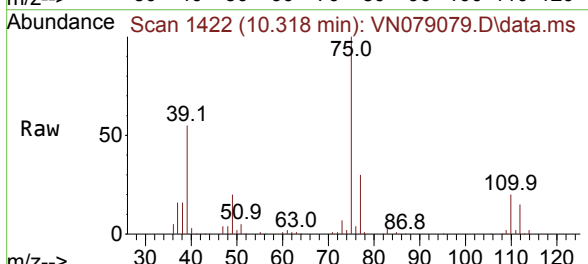
Instrument :
 MSVOA_N
 ClientSampleId :

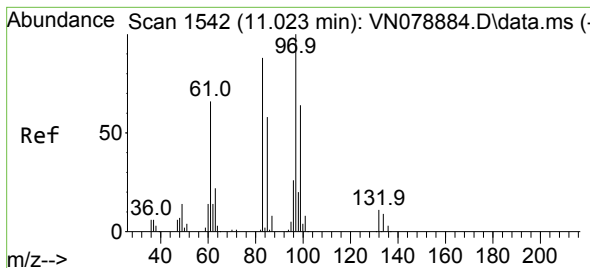
Tgt Ion:	75	Resp:	202370
Ion Ratio	Lower	Upper	
75	100		
77	32.8	25.4	38.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.456 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079079.D
 Acq: 28 Aug 2023 20:08

Tgt Ion:	75	Resp:	217390
Ion Ratio	Lower	Upper	
75	100		
77	30.0	26.1	39.1
39	55.0	31.6	47.4#





#55

1,1,2-Trichloroethane

Concen: 57.043 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. -0.001 min

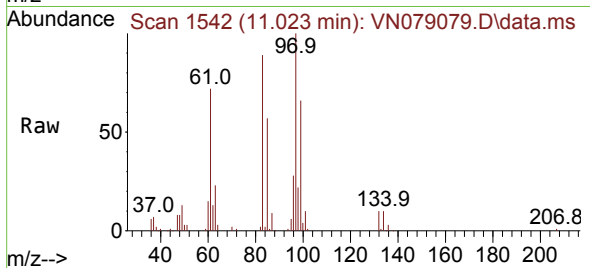
Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 133103

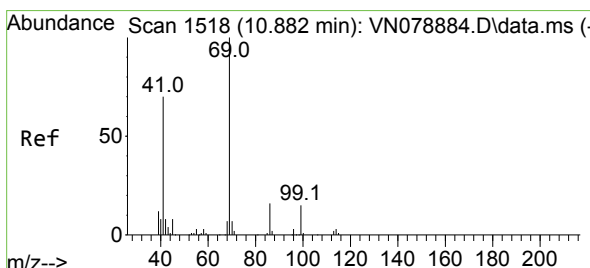
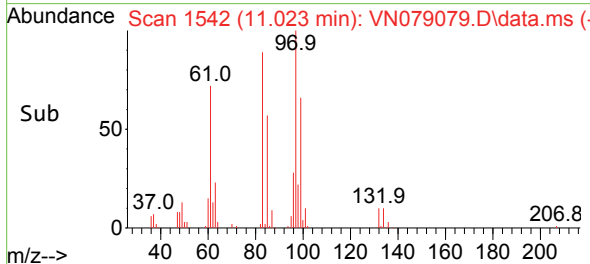
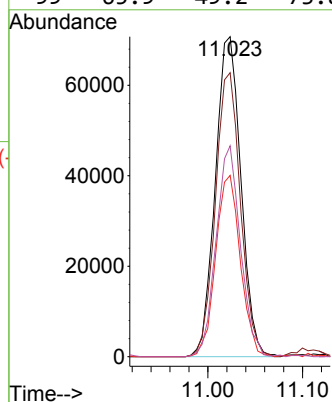
Ion Ratio Lower Upper

97 100

83 88.8 65.1 97.7

85 56.6 43.4 65.2

99 65.9 49.2 73.8



#56

Ethyl methacrylate

Concen: 58.346 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.005 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

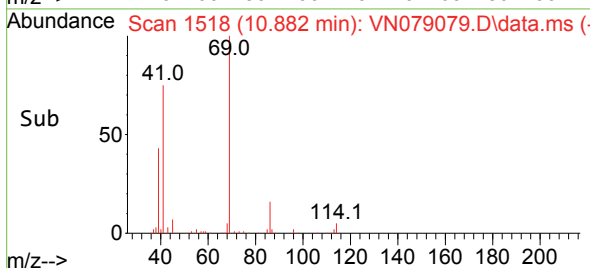
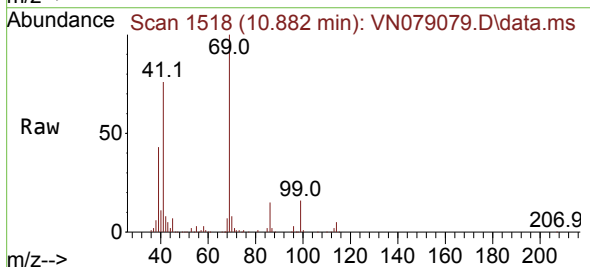
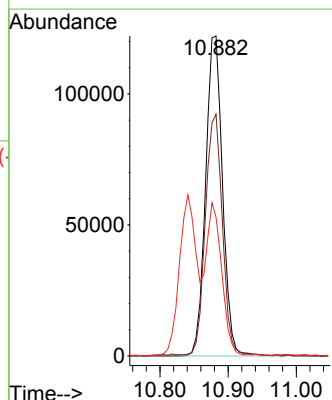
Tgt Ion: 69 Resp: 211044

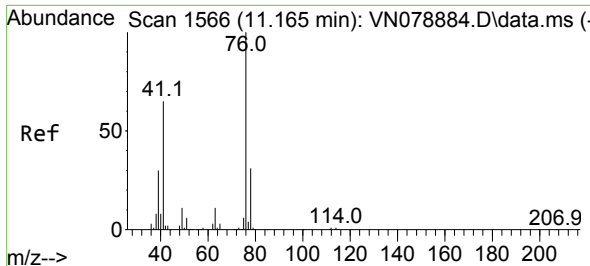
Ion Ratio Lower Upper

69 100

41 75.8 39.6 59.4#

39 44.4 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 55.965 ug/l

RT: 11.170 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

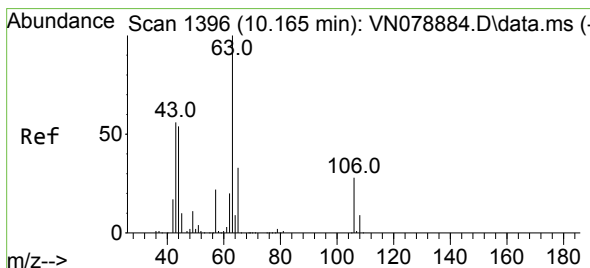
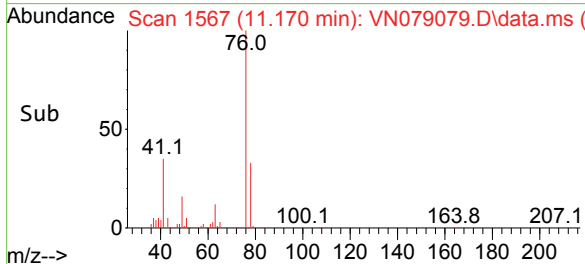
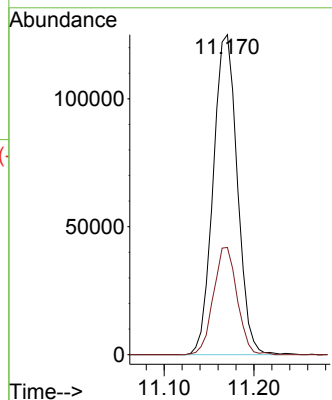
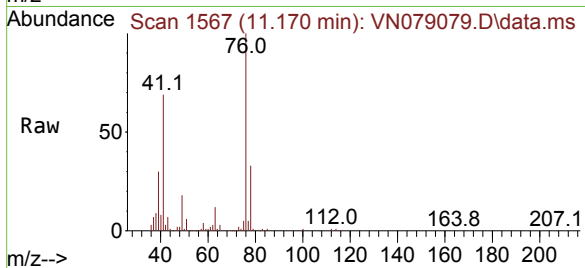
ClientSampleId :

Tgt Ion: 76 Resp: 233574

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 228.931 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079079.D

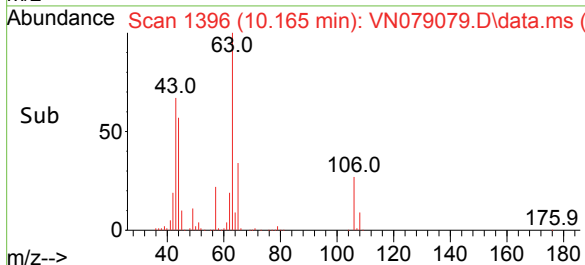
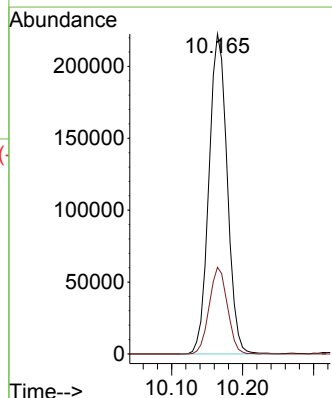
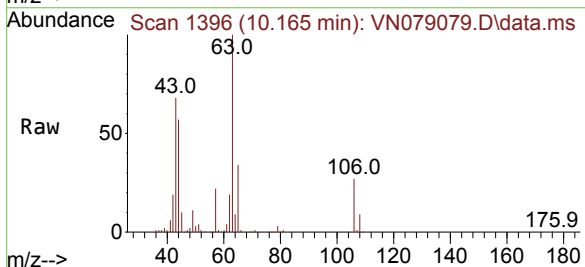
Acq: 28 Aug 2023 20:08

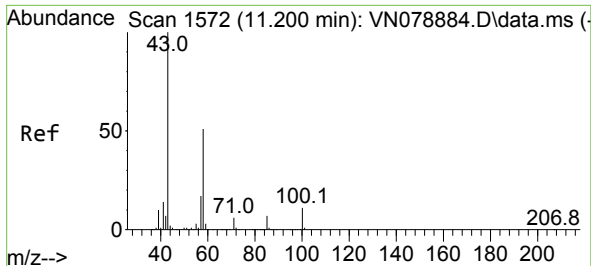
Tgt Ion: 63 Resp: 397490

Ion Ratio Lower Upper

63 100

106 26.9 26.2 39.4

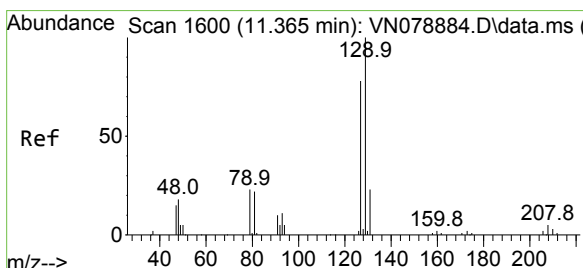
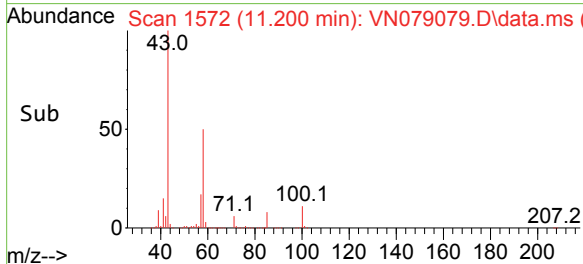
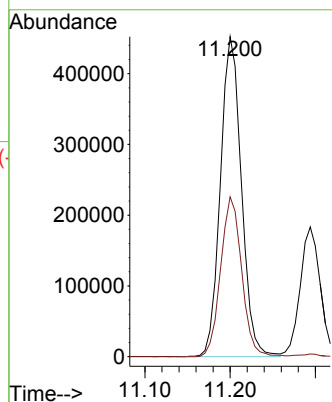
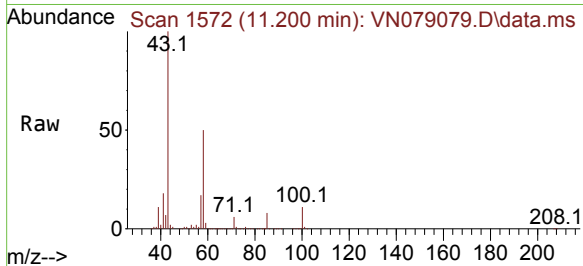




#59
2-Hexanone
Concen: 284.472 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

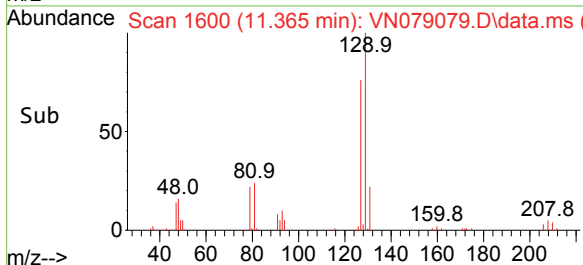
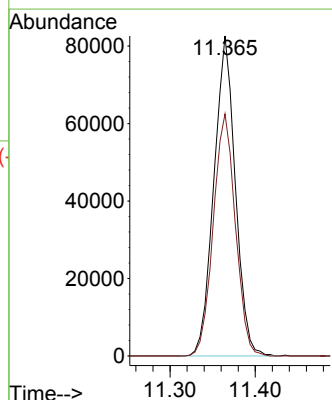
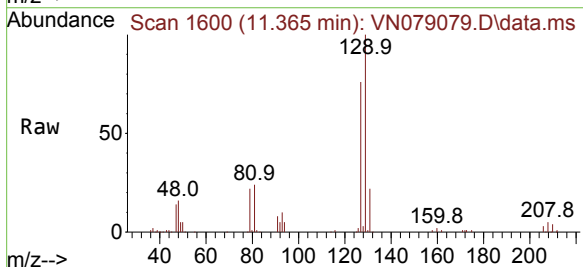
Instrument :
MSVOA_N
ClientSampleId :

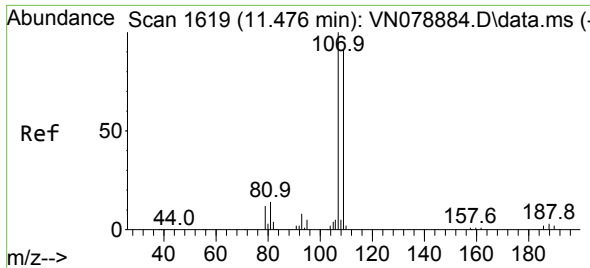
Tgt Ion: 43 Resp: 774983
Ion Ratio Lower Upper
43 100
58 50.0 31.7 95.1



#60
Dibromochloromethane
Concen: 58.787 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion: 129 Resp: 144348
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0

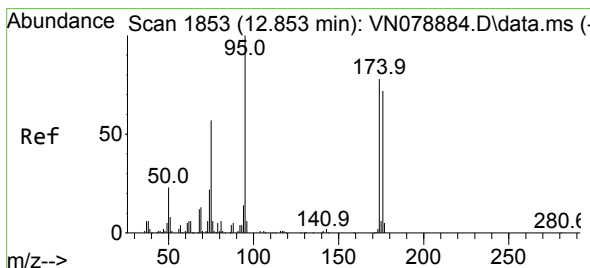
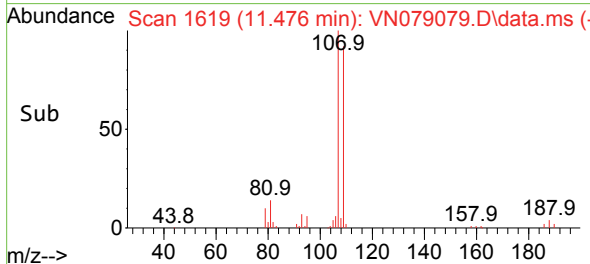
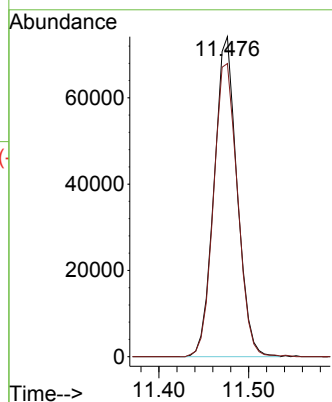
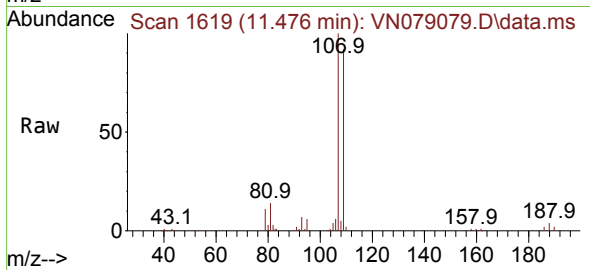




#61
1,2-Dibromoethane
Concen: 55.563 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

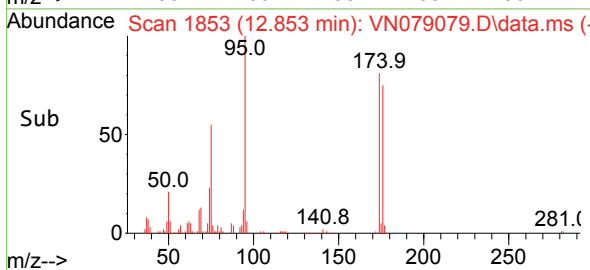
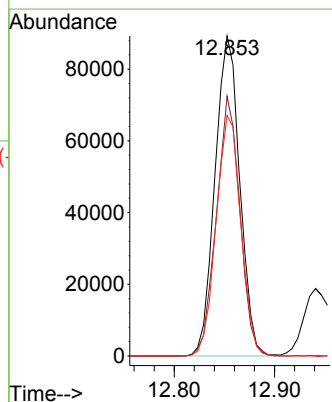
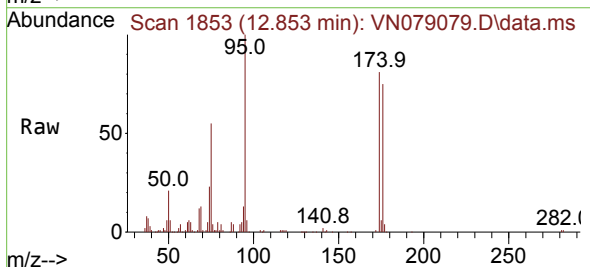
Instrument :
MSVOA_N
ClientSampleId :

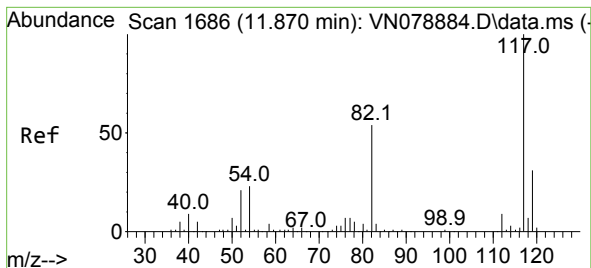
Tgt Ion:107 Resp: 131753
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 59.015 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion: 95 Resp: 152690
Ion Ratio Lower Upper
95 100
174 77.3 0.0 143.8
176 74.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

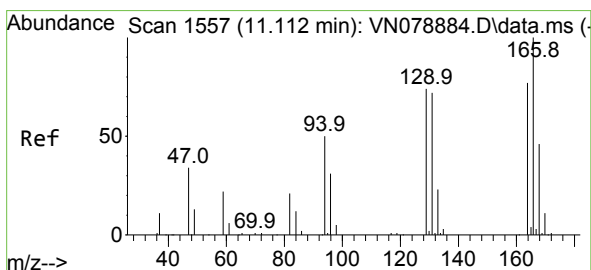
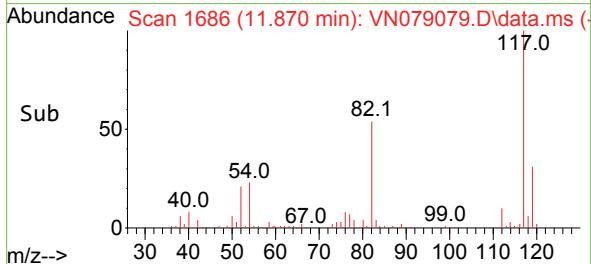
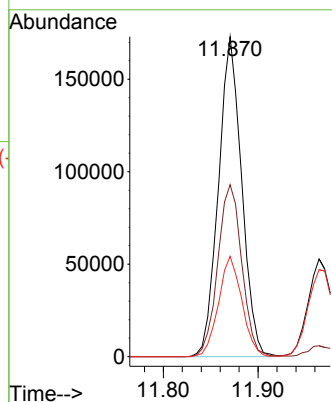
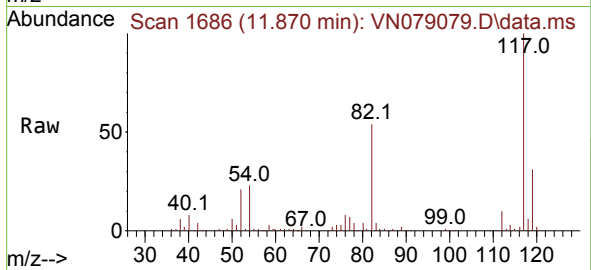
Tgt Ion:117 Resp: 294440

Ion Ratio Lower Upper

117 100

82 53.8 44.0 66.0

119 31.4 25.6 38.4



#64

Tetrachloroethene

Concen: 55.069 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Tgt Ion:164 Resp: 101684

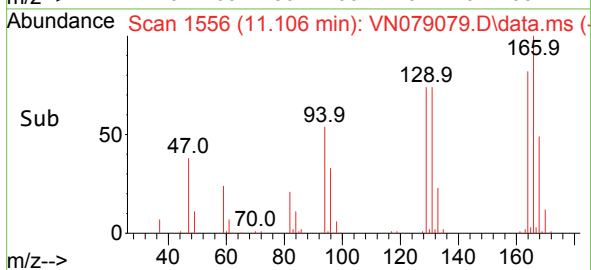
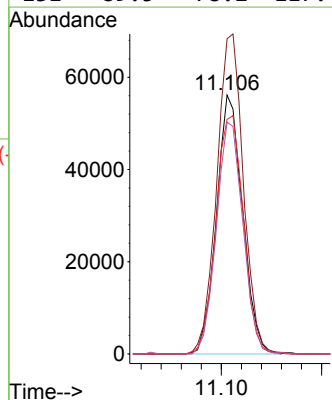
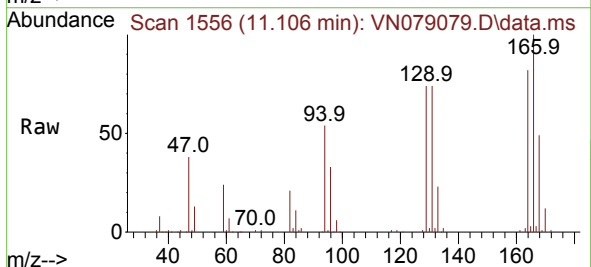
Ion Ratio Lower Upper

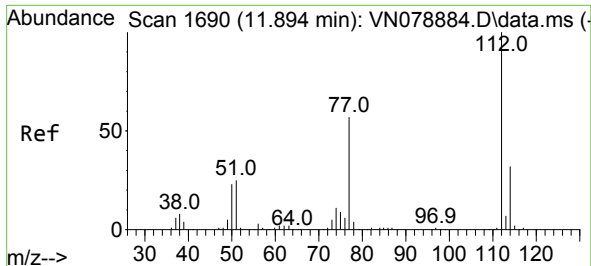
164 100

166 121.7 101.4 152.0

129 90.6 82.4 123.6

131 89.5 78.2 117.4

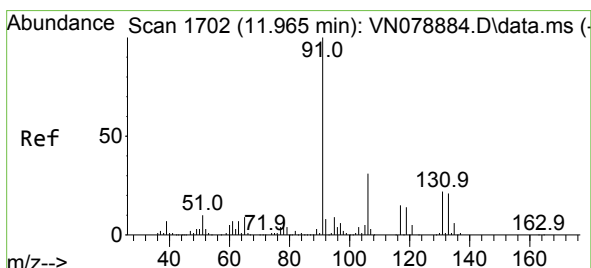
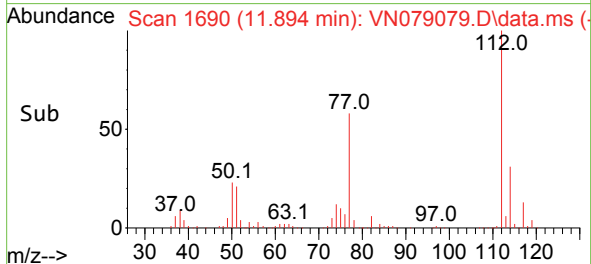
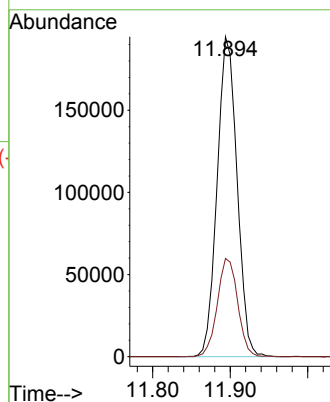
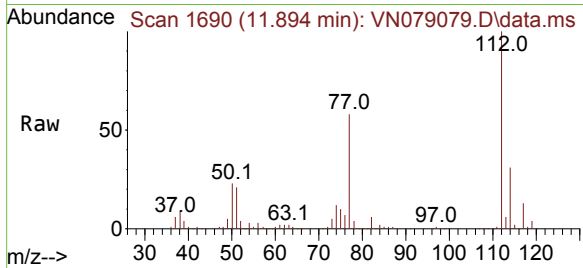




#65
Chlorobenzene
Concen: 55.487 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

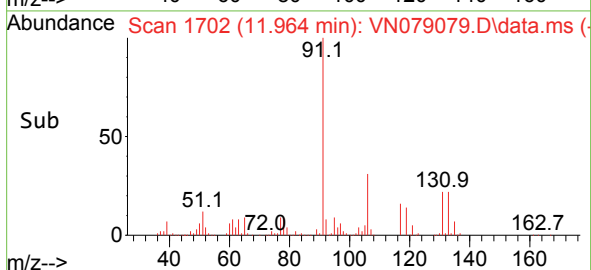
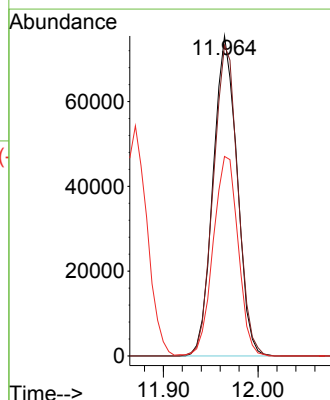
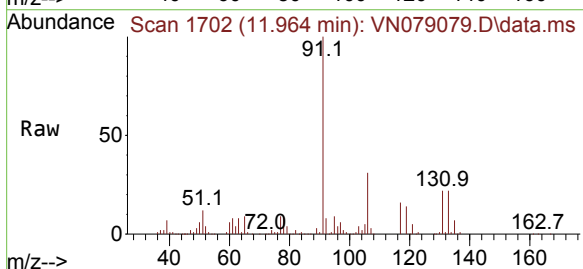
Instrument :
MSVOA_N
ClientSampleId :

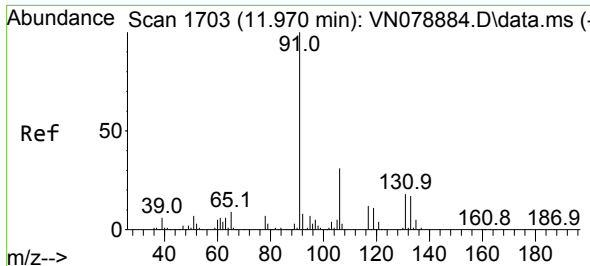
Tgt Ion:112 Resp: 347767
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 56.001 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion:131 Resp: 132643
Ion Ratio Lower Upper
131 100
133 99.6 46.4 139.1
119 65.0 34.1 102.2

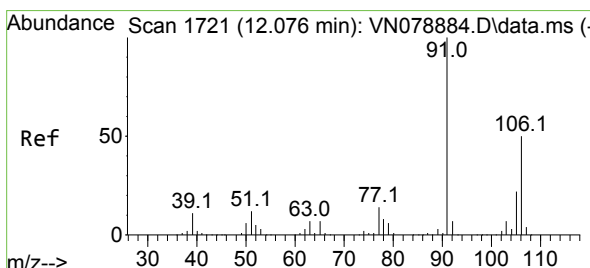
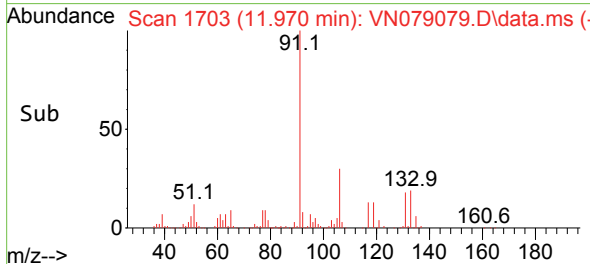
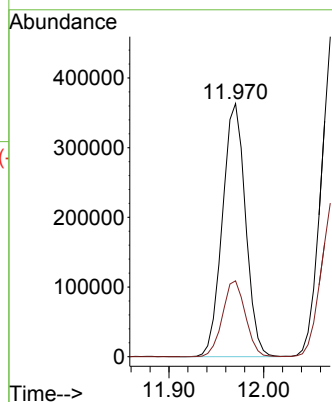
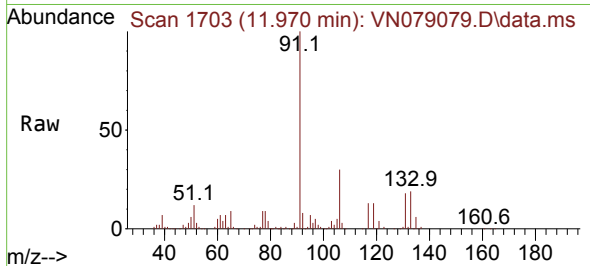




#67
Ethyl Benzene
Concen: 54.009 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

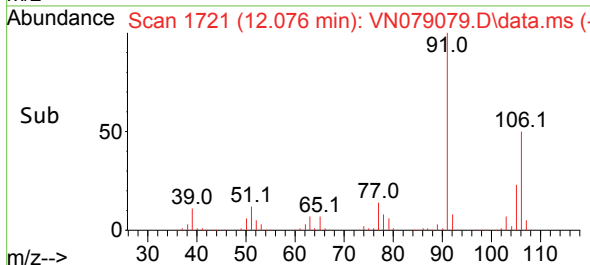
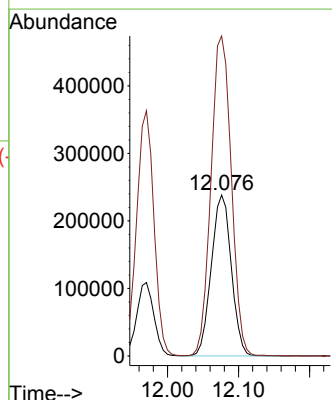
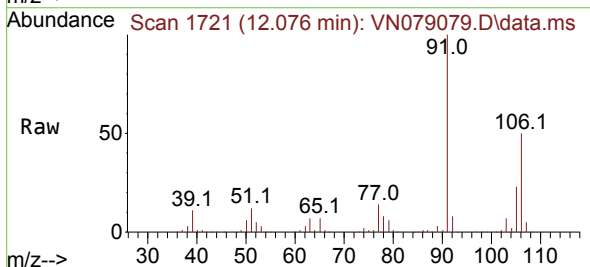
Instrument :
MSVOA_N
ClientSampleId :

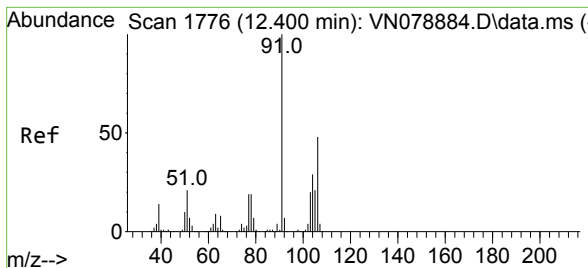
Tgt Ion: 91 Resp: 615580
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4



#68
m/p-Xylenes
Concen: 109.239 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion:106 Resp: 465510
Ion Ratio Lower Upper
106 100
91 202.3 159.6 239.4





#69

o-Xylene

Concen: 54.924 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

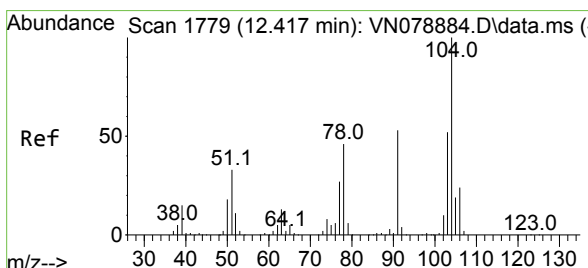
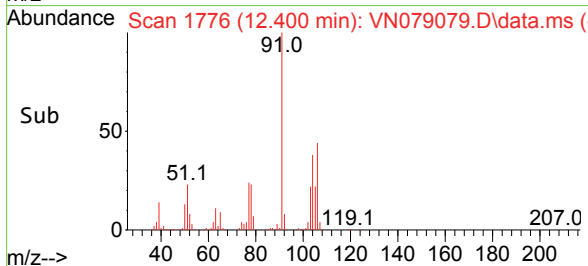
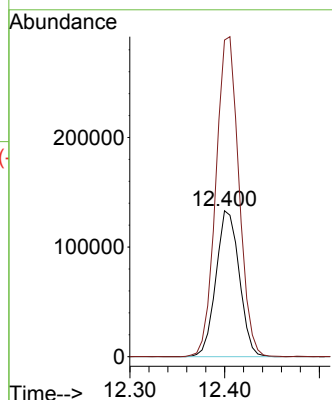
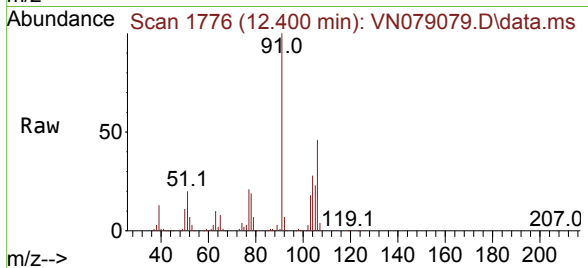
ClientSampleId :

Tgt Ion:106 Resp: 227681

Ion Ratio Lower Upper

106 100

91 217.1 105.2 315.5



#70

Styrene

Concen: 54.864 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. -0.001 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

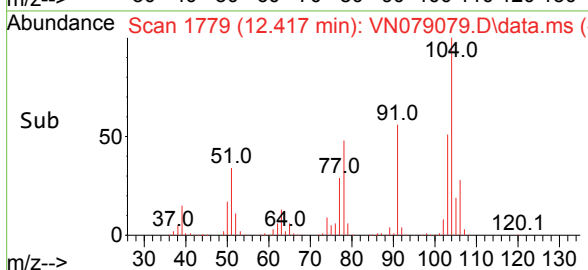
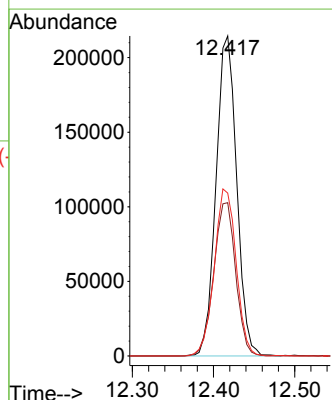
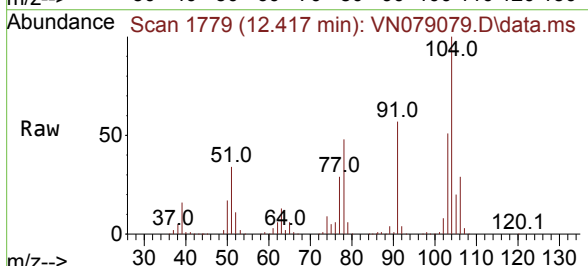
Tgt Ion:104 Resp: 379229

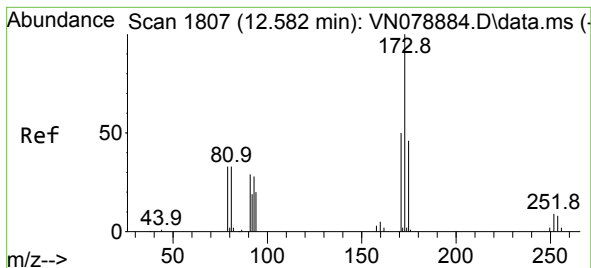
Ion Ratio Lower Upper

104 100

78 51.0 39.5 59.3

103 55.3 43.2 64.8





#71

Bromoform

Concen: 60.721 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

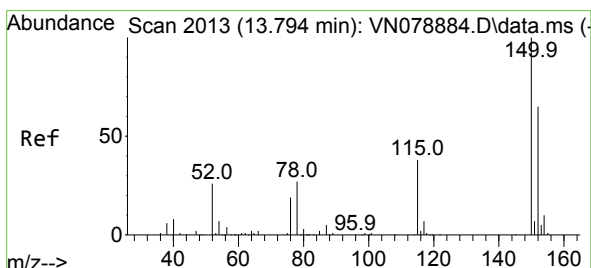
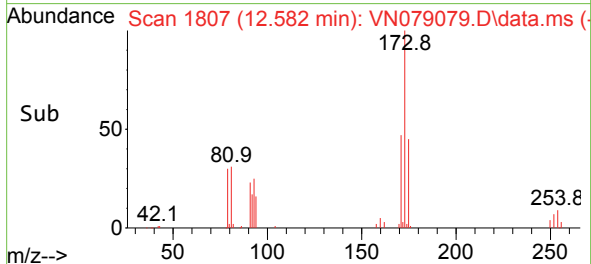
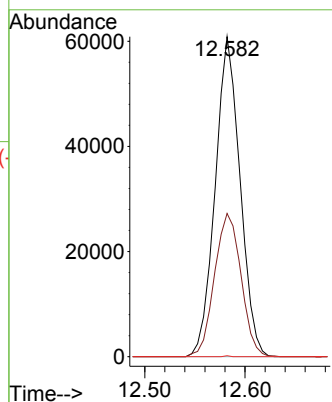
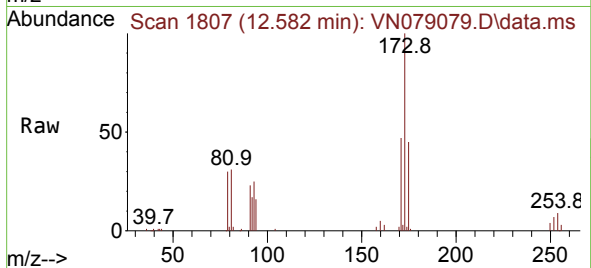
Tgt Ion:173 Resp: 104560

Ion Ratio Lower Upper

173 100

175 47.8 24.3 73.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

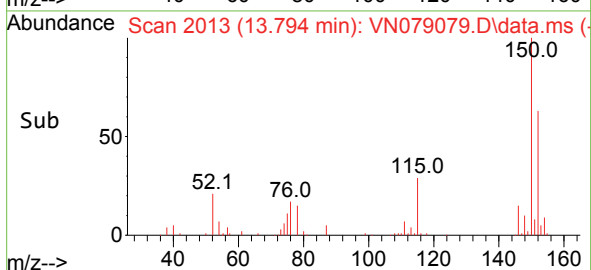
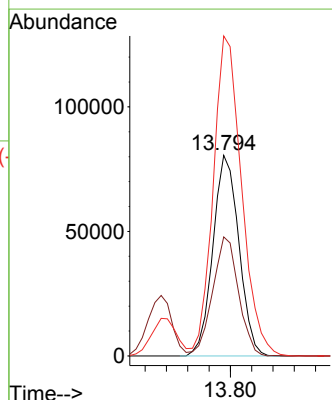
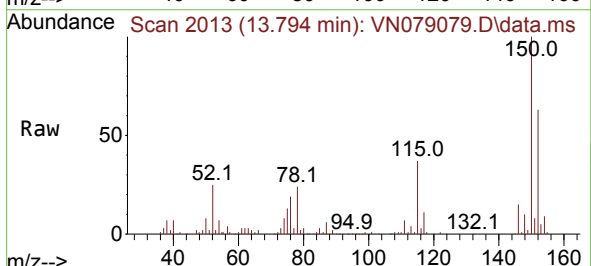
Tgt Ion:152 Resp: 136198

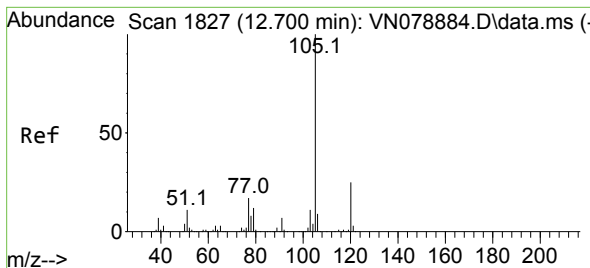
Ion Ratio Lower Upper

152 100

115 59.3 32.3 96.8

150 174.4 0.0 355.8





#73

Isopropylbenzene

Concen: 51.344 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

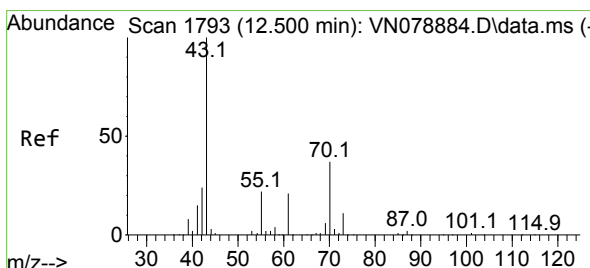
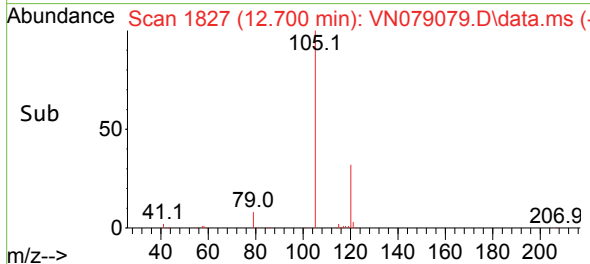
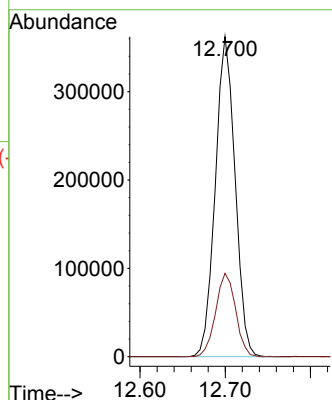
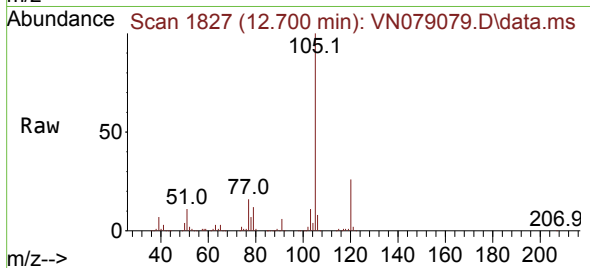
ClientSampleId :

Tgt Ion:105 Resp: 583091

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1



#74

N-ethyl acetate

Concen: 51.333 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Tgt Ion: 43 Resp: 294257

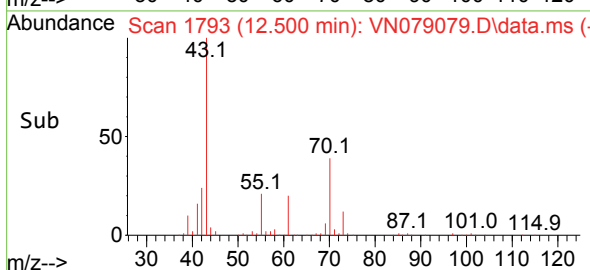
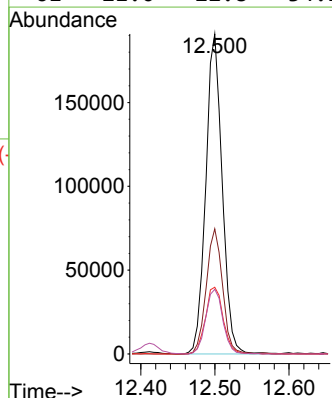
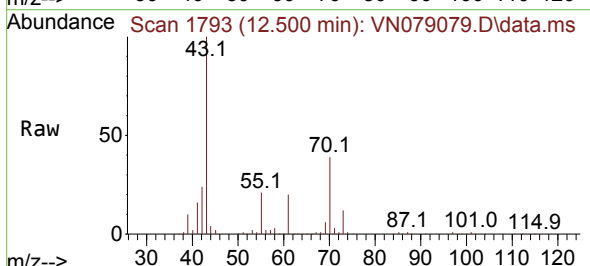
Ion Ratio Lower Upper

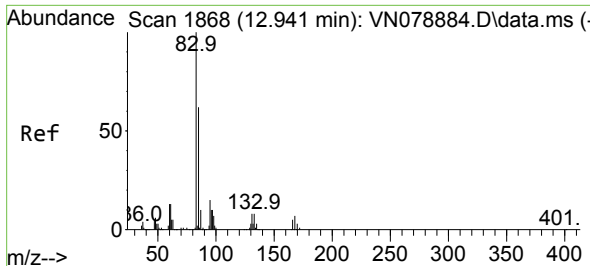
43 100

70 38.6 43.4 65.2#

55 22.7 21.4 32.0

61 21.0 22.8 34.2#

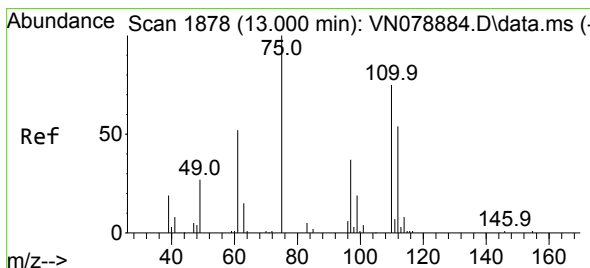
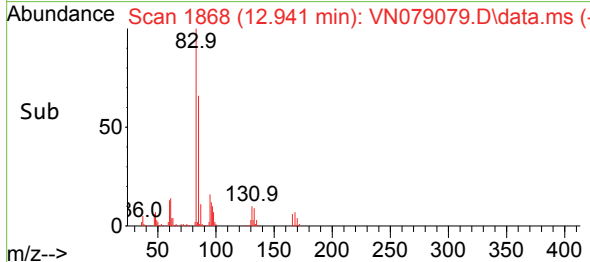
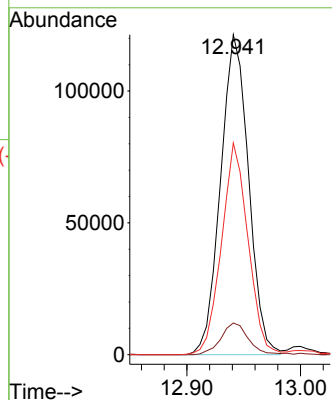
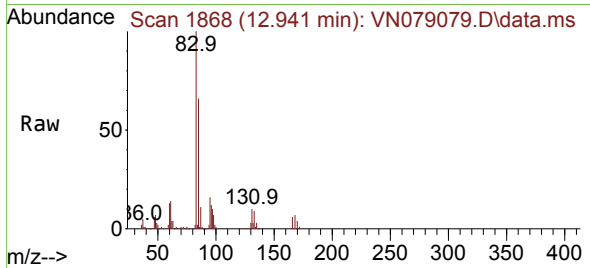




#75
1,1,2,2-Tetrachloroethane
Concen: 50.641 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

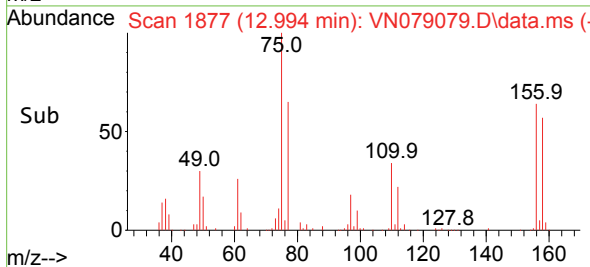
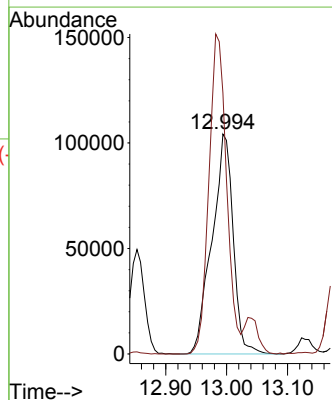
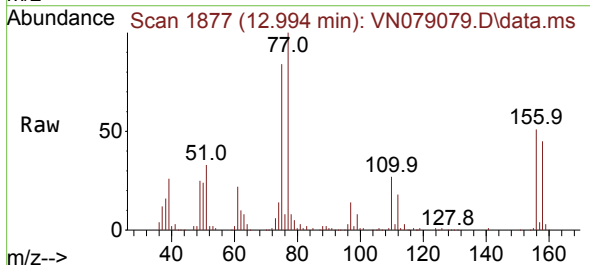
Instrument :
MSVOA_N
ClientSampleId :

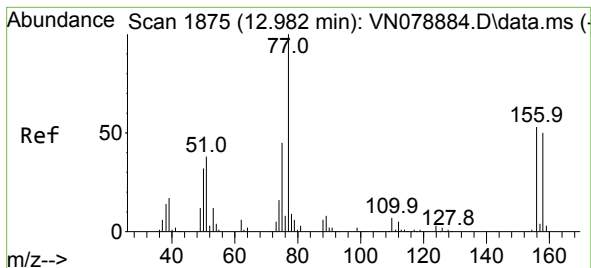
Tgt Ion: 83 Resp: 207654
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 62.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 76.788 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion: 75 Resp: 251997
Ion Ratio Lower Upper
75 100
77 121.3 84.5 253.5





#77

Bromobenzene

Concen: 51.066 ug/l

RT: 12.988 min Scan# 1875

Delta R.T. 0.006 min

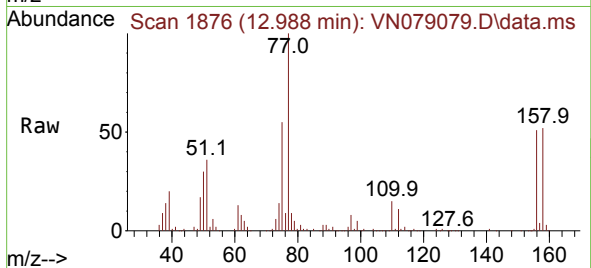
Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :



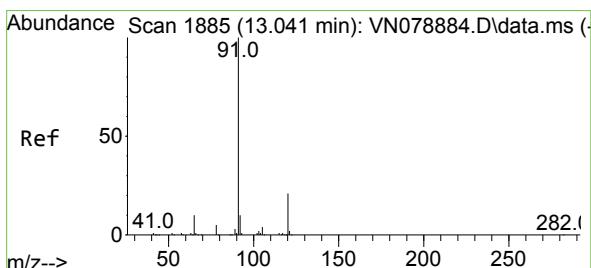
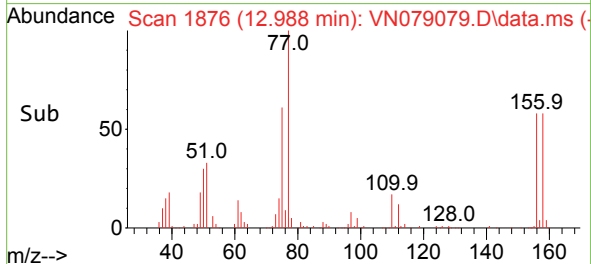
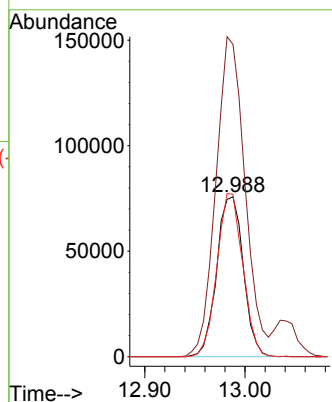
Tgt Ion:156 Resp: 139396

Ion Ratio Lower Upper

156 100

77 219.4 107.7 323.3

158 99.5 48.4 145.3



#78

n-propylbenzene

Concen: 51.665 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079079.D

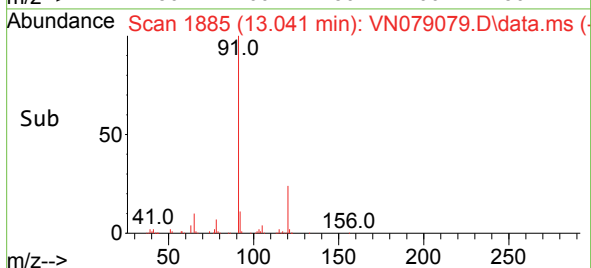
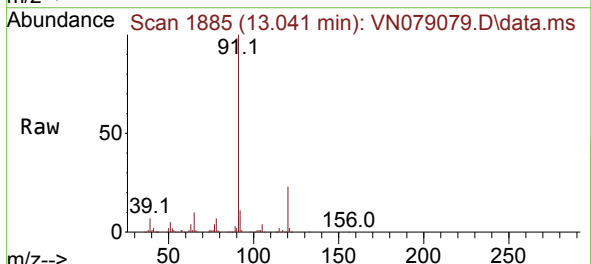
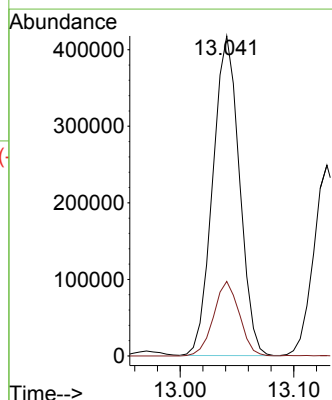
Acq: 28 Aug 2023 20:08

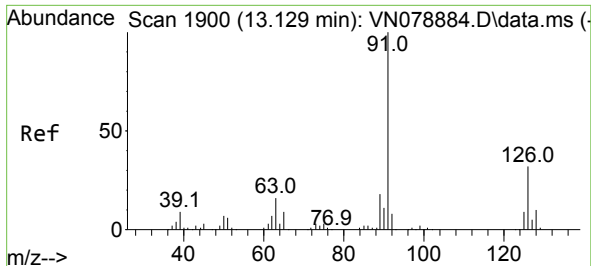
Tgt Ion: 91 Resp: 680368

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

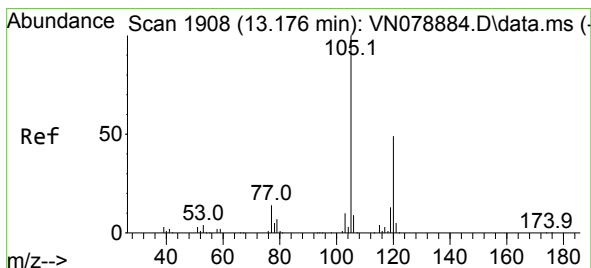
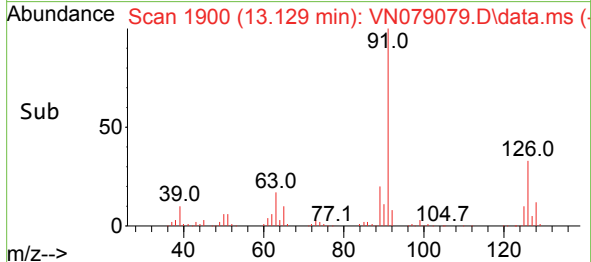
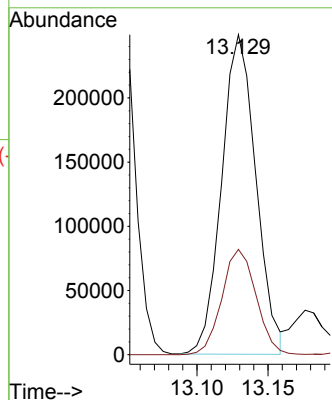
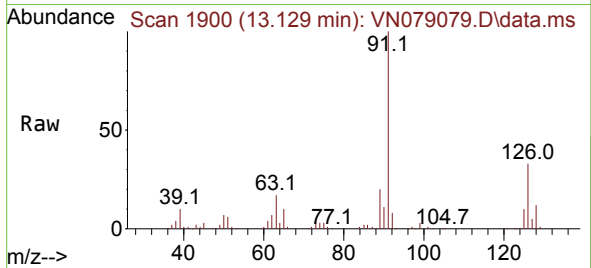




#79
2-Chlorotoluene
Concen: 51.158 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

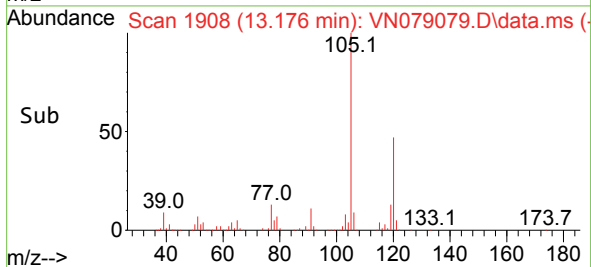
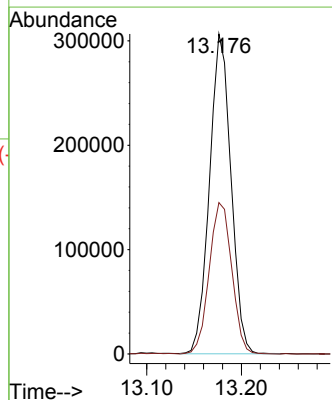
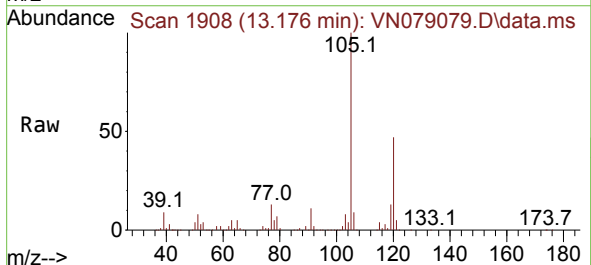
Instrument :
MSVOA_N
ClientSampleId :

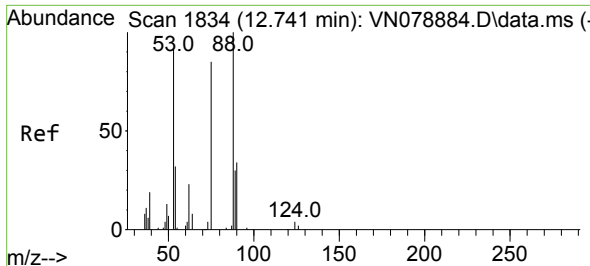
Tgt Ion: 91 Resp: 417901
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 53.712 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

Tgt Ion: 105 Resp: 483384
Ion Ratio Lower Upper
105 100
120 49.7 24.1 72.3

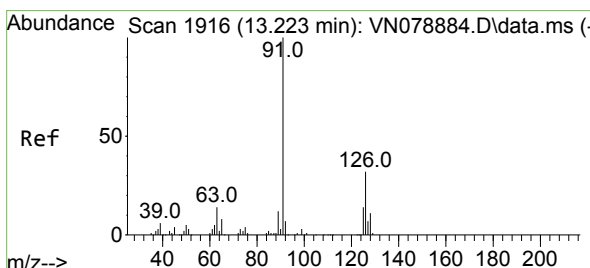
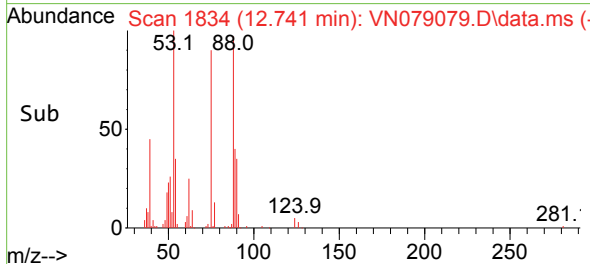
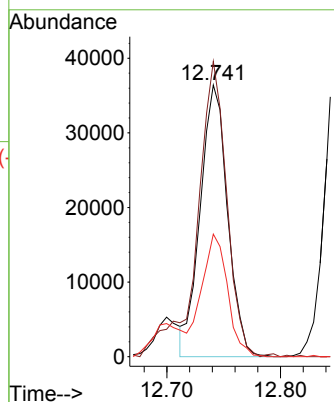
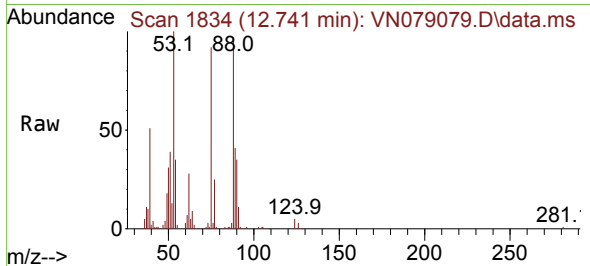




#81
trans-1,4-Dichloro-2-butene
Concen: 47.285 ug/l
RT: 12.741 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

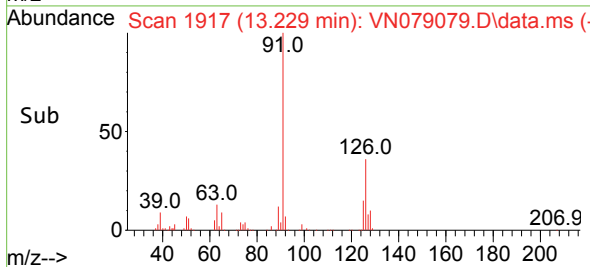
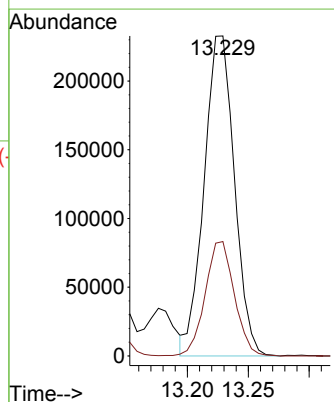
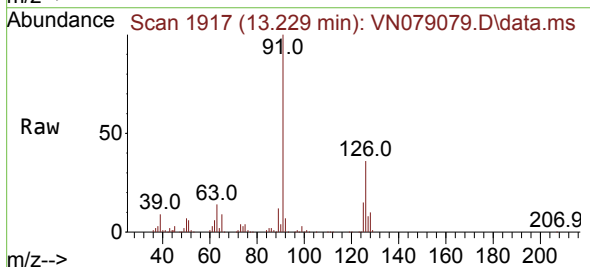
Instrument :
MSVOA_N
ClientSampleId :

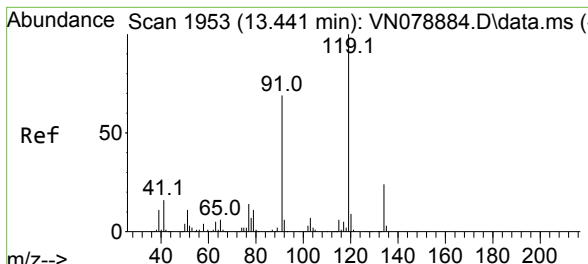
Tgt Ion: 75 Resp: 60744
Ion Ratio Lower Upper
75 100
53 118.2 67.4 101.2#
89 42.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 50.531 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079079.D
Acq: 28 Aug 2023 20:08

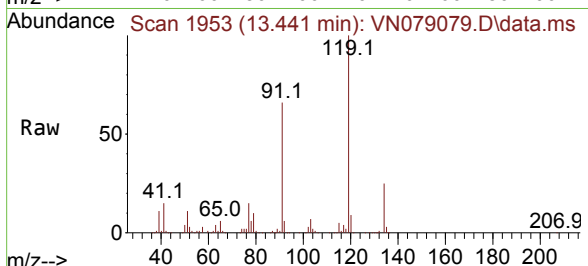
Tgt Ion: 91 Resp: 403897
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0



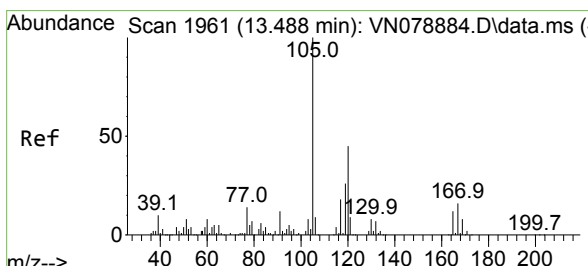
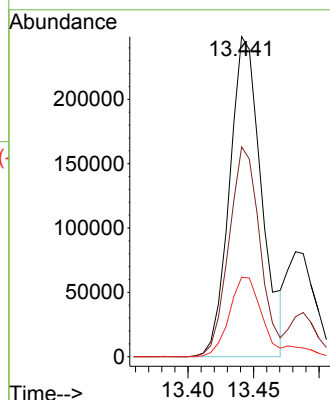
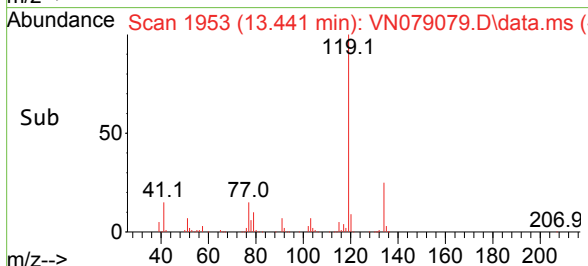


#83
 tert-Butylbenzene
 Concen: 55.791 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN079079.D
 Acq: 28 Aug 2023 20:08

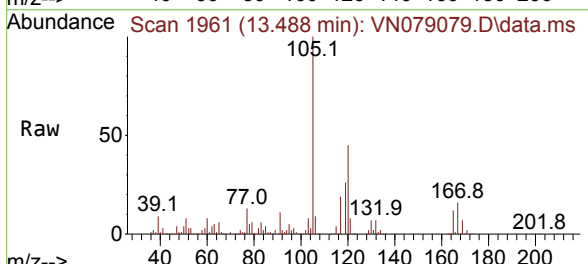
Instrument :
 MSVOA_N
 ClientSampleId :



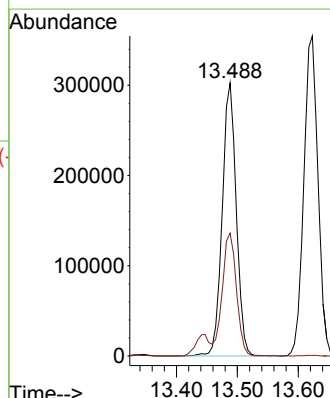
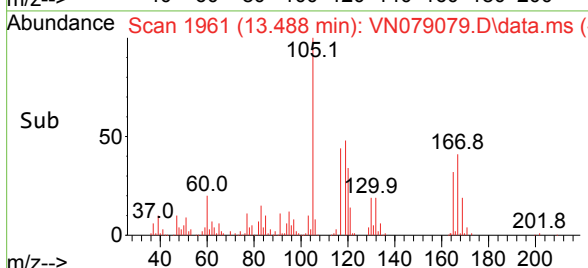
Tgt Ion:119 Resp: 421862
 Ion Ratio Lower Upper
 119 100
 91 63.7 33.9 101.7
 134 27.4 13.2 39.6

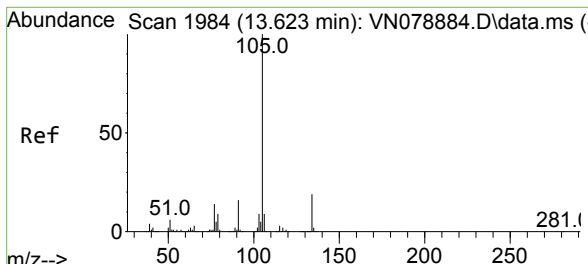


#84
 1,2,4-Trimethylbenzene
 Concen: 54.310 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN079079.D
 Acq: 28 Aug 2023 20:08



Tgt Ion:105 Resp: 483970
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.0 66.0

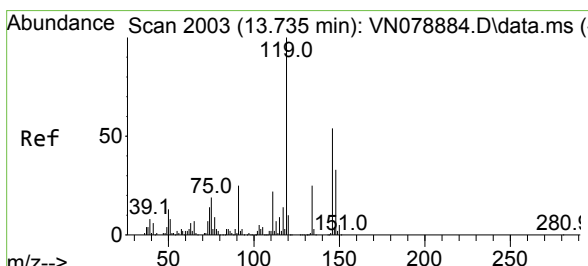
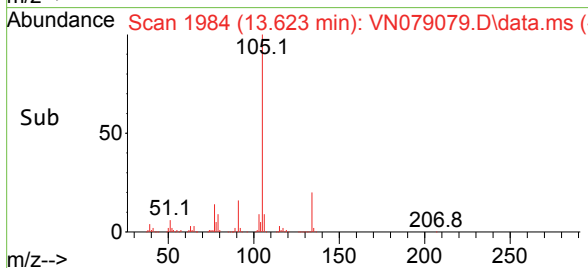
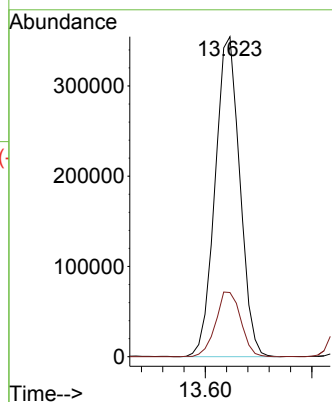
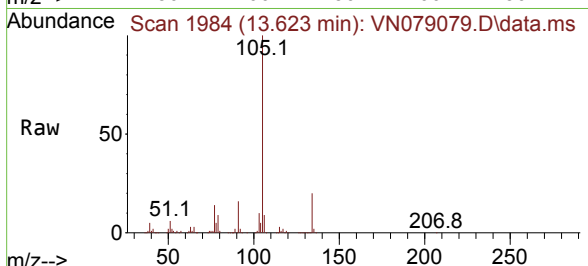




#85
 sec-Butylbenzene
 Concen: 54.831 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079079.D
 Acq: 28 Aug 2023 20:08

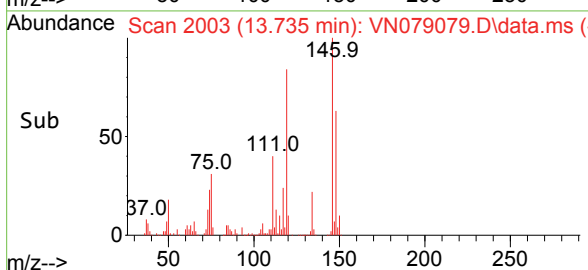
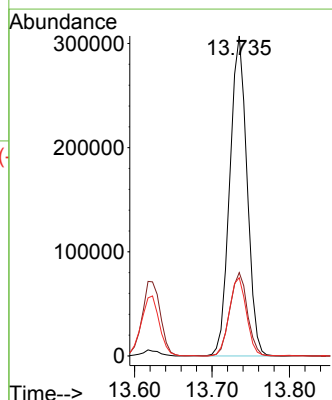
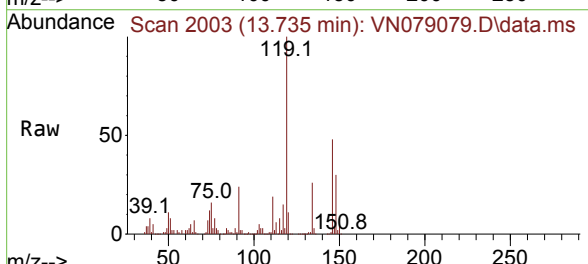
Instrument :
 MSVOA_N
 ClientSampleId :

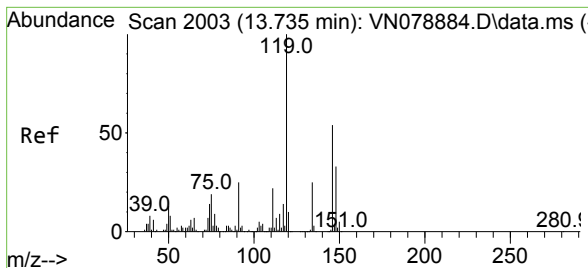
Tgt Ion:105 Resp: 570577
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 57.259 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079079.D
 Acq: 28 Aug 2023 20:08

Tgt Ion:119 Resp: 476048
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 24.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 53.934 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

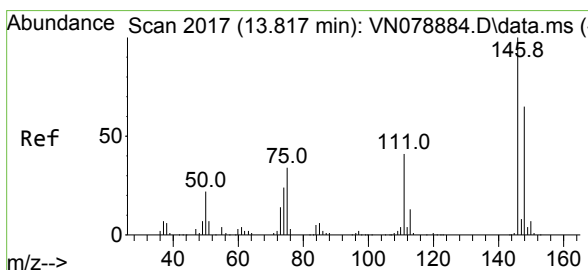
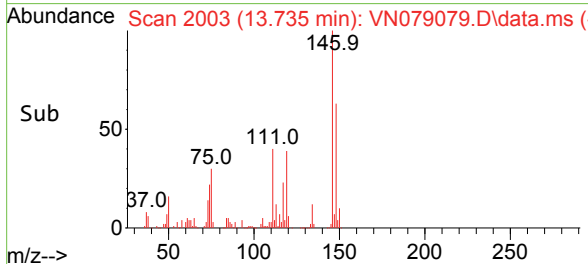
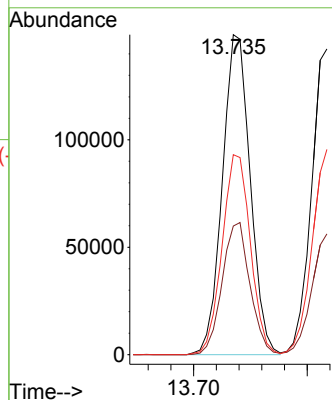
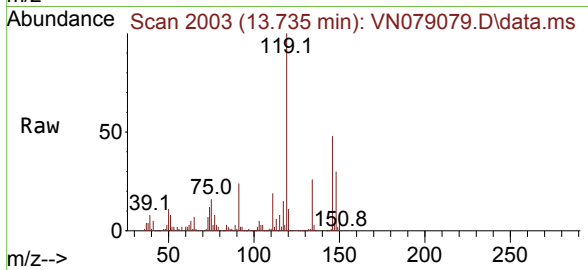
Tgt Ion:146 Resp: 253342

Ion Ratio Lower Upper

146 100

111 41.3 22.1 66.3

148 63.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 52.277 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

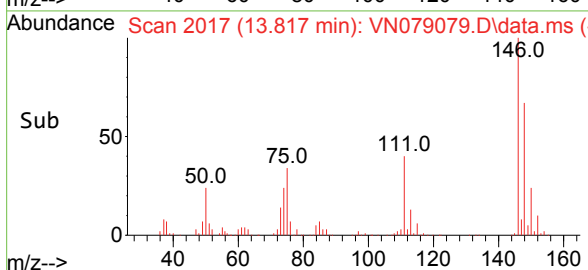
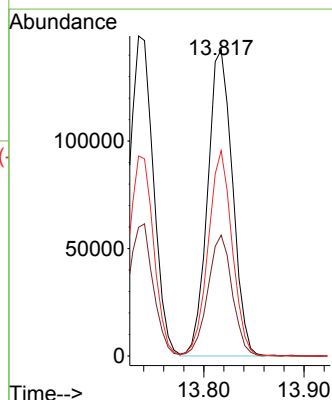
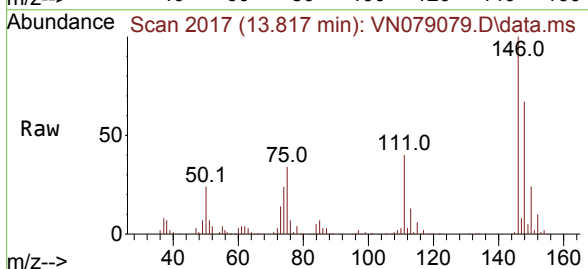
Tgt Ion:146 Resp: 245778

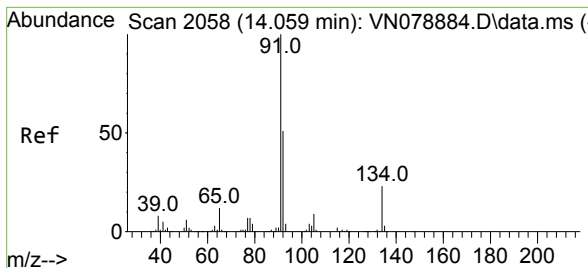
Ion Ratio Lower Upper

146 100

111 38.8 20.6 61.8

148 64.6 31.6 94.8





#89

n-Butylbenzene

Concen: 55.098 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.001 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

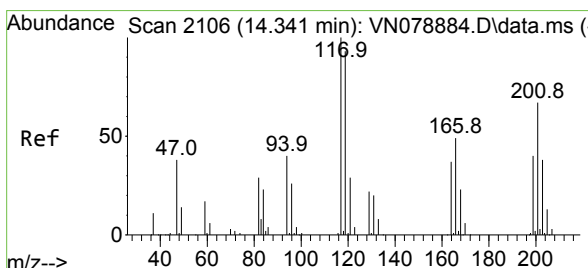
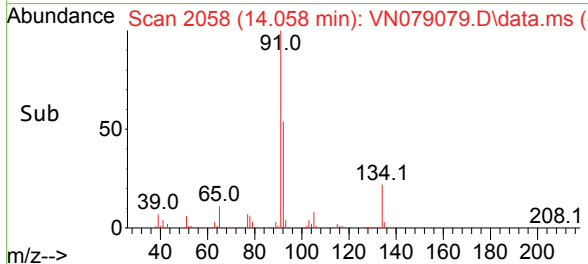
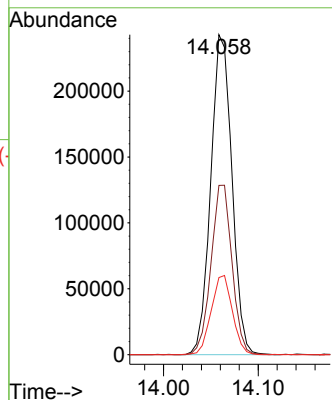
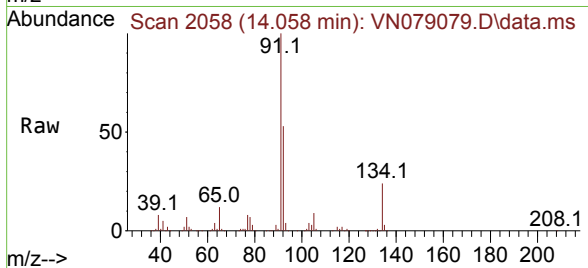
Tgt Ion: 91 Resp: 376980

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.0

134 24.8 12.6 37.6



#90

Hexachloroethane

Concen: 55.432 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN079079.D

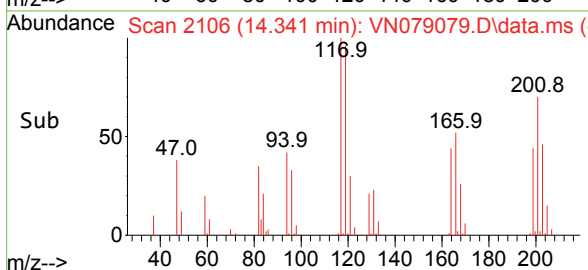
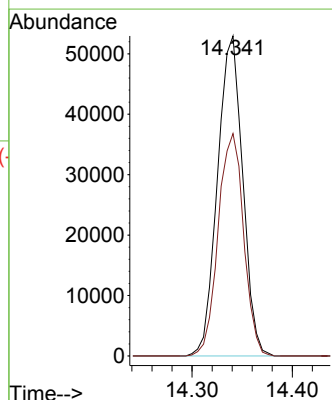
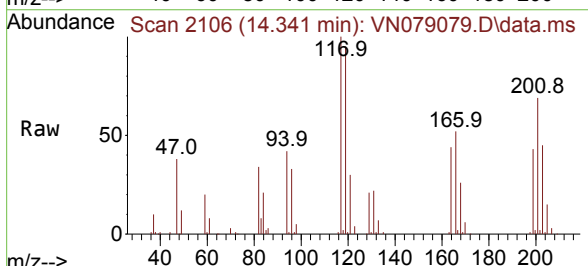
Acq: 28 Aug 2023 20:08

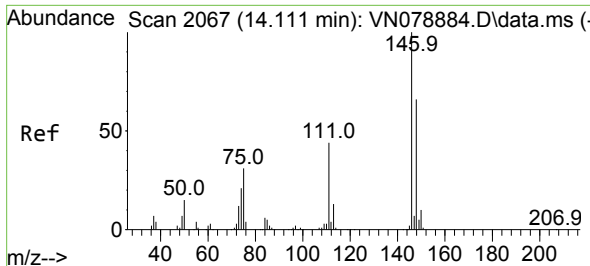
Tgt Ion: 117 Resp: 92382

Ion Ratio Lower Upper

117 100

201 70.1 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 53.330 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

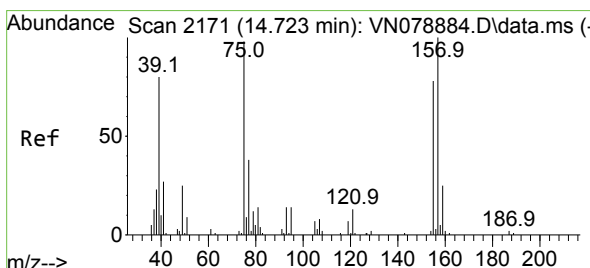
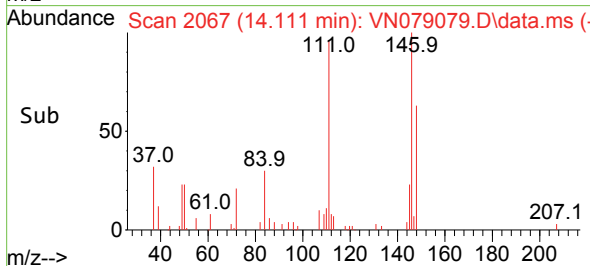
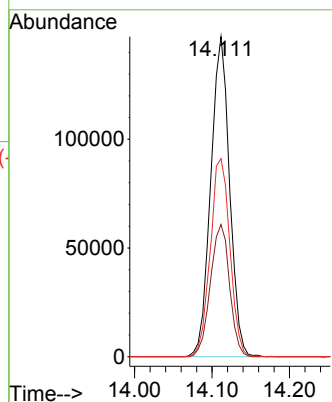
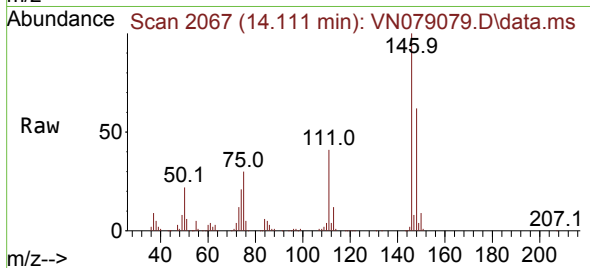
Tgt Ion:146 Resp: 249116

Ion Ratio Lower Upper

146 100

111 42.0 22.0 66.0

148 64.4 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.641 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

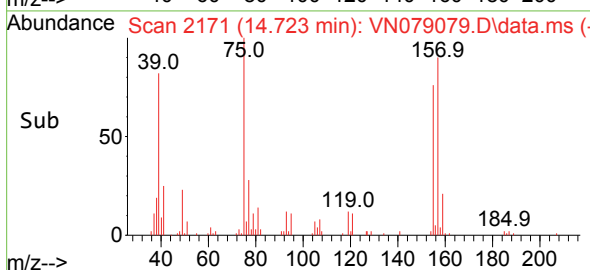
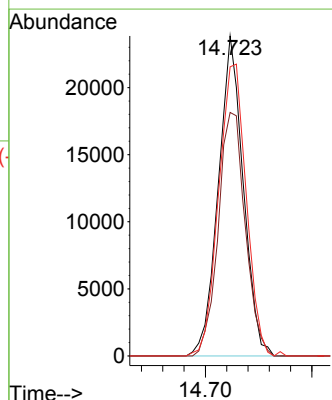
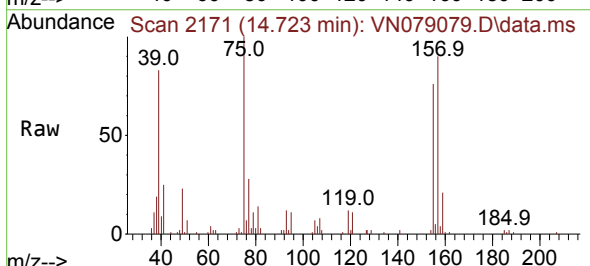
Tgt Ion: 75 Resp: 38637

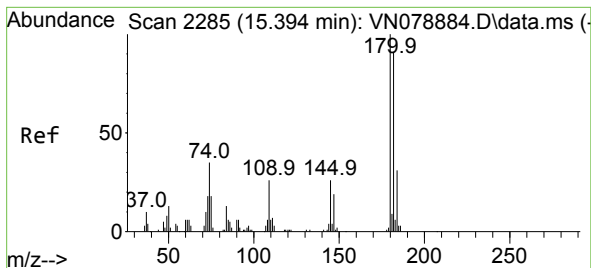
Ion Ratio Lower Upper

75 100

155 82.5 39.1 117.2

157 101.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 63.362 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

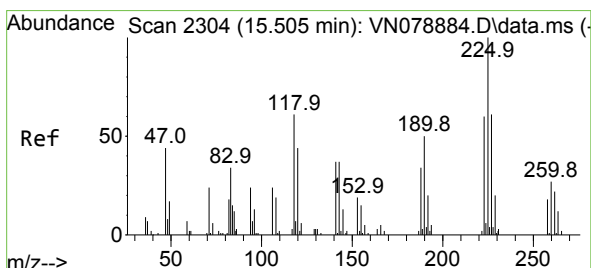
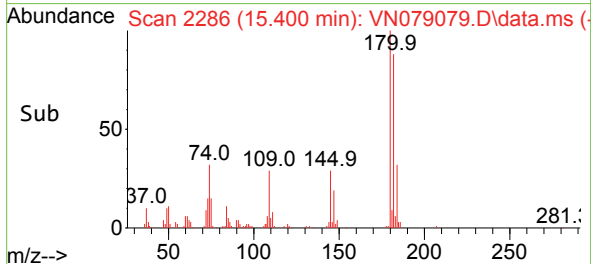
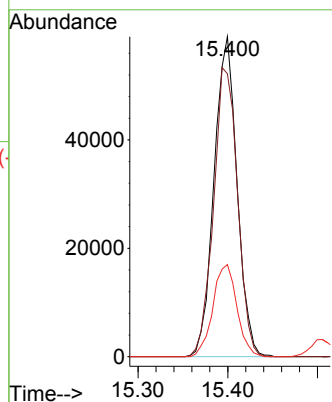
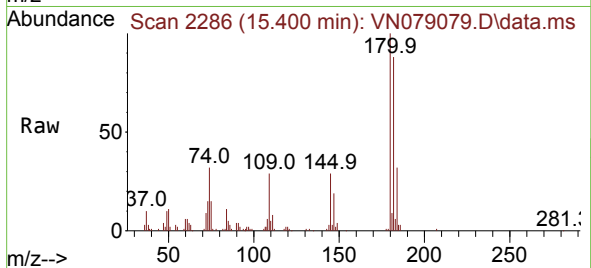
Tgt Ion:180 Resp: 104925

Ion Ratio Lower Upper

180 100

182 94.4 46.1 138.2

145 30.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 70.486 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

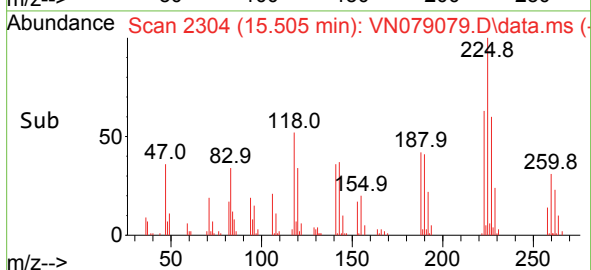
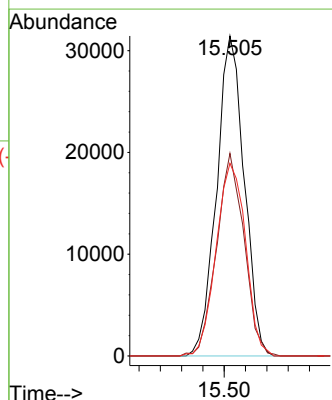
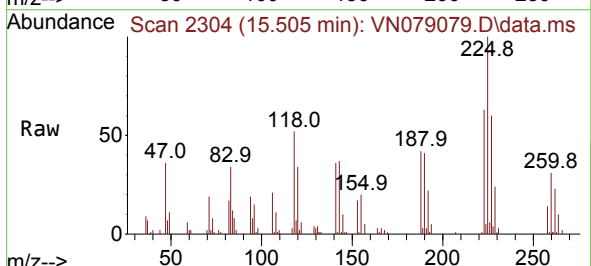
Tgt Ion:225 Resp: 56565

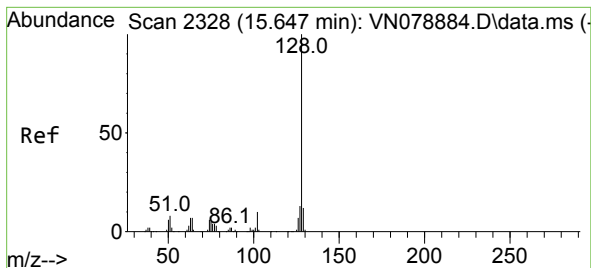
Ion Ratio Lower Upper

225 100

223 63.0 31.3 93.8

227 64.1 31.9 95.9





#95

Naphthalene

Concen: 48.232 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

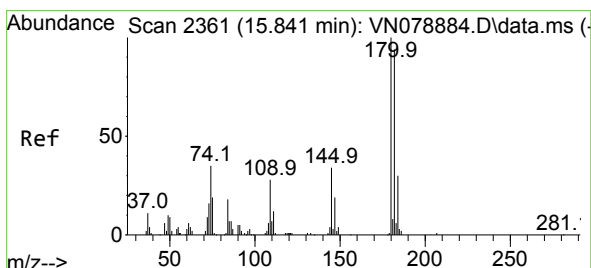
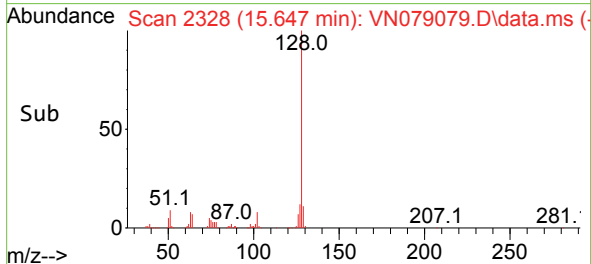
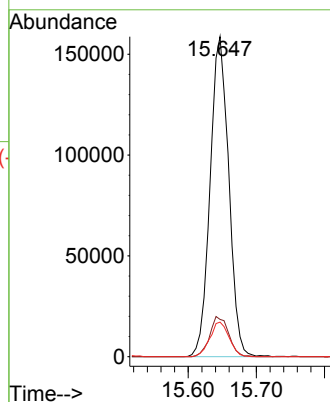
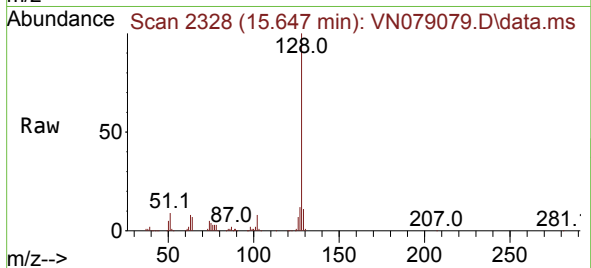
Tgt Ion:128 Resp: 302119

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 60.162 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079079.D

Acq: 28 Aug 2023 20:08

Tgt Ion:180 Resp: 109115

Ion Ratio Lower Upper

180 100

182 93.6 46.2 138.6

145 32.3 17.5 52.6

