

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071223\
 Data File : VN078485.D
 Acq On : 12 Jul 2023 18:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 13 02:05:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	311917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	608192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	521286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	293002	70.070	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 140.140%#	
35) Dibromofluoromethane	8.177	113	246560	59.720	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 119.440%	
50) Toluene-d8	10.571	98	727930	46.672	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.340%	
62) 4-Bromofluorobenzene	12.853	95	229485	47.769	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	123735	32.355	ug/l	98
3) Chloromethane	2.371	50	236891	56.991	ug/l	99
4) Vinyl Chloride	2.518	62	258145	48.009	ug/l	100
5) Bromomethane	2.942	94	217883	65.617	ug/l	94
6) Chloroethane	3.118	64	192229	59.463	ug/l	98
7) Trichlorofluoromethane	3.495	101	245346	38.170	ug/l	98
8) Diethyl Ether	3.971	74	149556	69.836	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.389	101	125053	36.753	ug/l	96
10) Methyl Iodide	4.601	142	291751	62.399	ug/l	100
11) Tert butyl alcohol	5.542	59	246368	382.077	ug/l	99
12) 1,1-Dichloroethene	4.348	96	154437	46.923	ug/l	95
13) Acrolein	4.189	56	212187	334.465	ug/l	97
14) Allyl chloride	5.036	41	243984	54.251	ug/l	96
15) Acrylonitrile	5.730	53	626160	384.337	ug/l	99
16) Acetone	4.442	43	485085	372.408	ug/l	99
17) Carbon Disulfide	4.718	76	402682	42.311	ug/l	99
18) Methyl Acetate	5.036	43	415401	75.336	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	787525	72.622	ug/l	97
20) Methylene Chloride	5.289	84	260567	70.235	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	192277	51.842	ug/l	87
22) Diisopropyl ether	6.683	45	705630	70.071	ug/l	94
23) Vinyl Acetate	6.618	43	2378609	371.541	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	413776	60.978	ug/l	98
25) 2-Butanone	7.494	43	802649	391.458	ug/l	88
26) 2,2-Dichloropropane	7.500	77	200874	36.194	ug/l	94
27) cis-1,2-Dichloroethene	7.494	96	266728	62.166	ug/l	98
28) Bromochloromethane	7.824	49	219295	68.614	ug/l	94
29) Tetrahydrofuran	7.847	42	526090	391.025	ug/l	87
30) Chloroform	7.977	83	453155	64.145	ug/l	99
31) Cyclohexane	8.265	56	195993	34.682	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	323952	51.146	ug/l	97
36) 1,1-Dichloropropene	8.377	75	222120	37.260	ug/l	99
37) Ethyl Acetate	7.571	43	348997	70.229	ug/l	95
38) Carbon Tetrachloride	8.371	117	258541	39.904	ug/l	96
39) Methylcyclohexane	9.612	83	173753	31.931	ug/l	91
40) Benzene	8.612	78	918421	52.003	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	178297	70.380	ug/l	92
42) 1,2-Dichloroethane	8.677	62	375717	62.545	ug/l	97
43) Isopropyl Acetate	8.694	43	557130	68.095	ug/l	94
44) Trichloroethene	9.359	130	201244	42.279	ug/l	94
45) 1,2-Dichloropropane	9.630	63	257404	57.546	ug/l	98
46) Dibromomethane	9.718	93	198485	63.046	ug/l	92
47) Bromodichloromethane	9.894	83	367896	58.295	ug/l	95
48) Methyl methacrylate	9.688	41	256170	67.583	ug/l	87
49) 1,4-Dioxane	9.700	88	114858	1389.481	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1744233	358.416	ug/l	94
52) Toluene	10.635	92	500740	45.747	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	364485	56.376	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	383223	55.607	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	272205	63.119	ug/l	97
56) Ethyl methacrylate	10.882	69	401953	66.675	ug/l	93
57) 1,3-Dichloropropane	11.171	76	446471	60.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	739509	344.213	ug/l	93
59) 2-Hexanone	11.200	43	1261856	364.838	ug/l	92
60) Dibromochloromethane	11.365	129	293626	61.673	ug/l	100
61) 1,2-Dibromoethane	11.477	107	278819	62.761	ug/l	96
64) Tetrachloroethene	11.112	164	161005	41.081	ug/l	96
65) Chlorobenzene	11.900	112	540698	46.404	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	237372	52.955	ug/l	98
67) Ethyl Benzene	11.971	91	842994	42.801	ug/l	98
68) m/p-Xylenes	12.077	106	643329	88.344	ug/l	99
69) o-Xylene	12.406	106	329018	44.732	ug/l	95
70) Styrene	12.418	104	566236	49.208	ug/l	99
71) Bromoform	12.582	173	201047	66.225	ug/l #	99
73) Isopropylbenzene	12.700	105	722306	39.425	ug/l	99
74) N-amyl acetate	12.500	43	401837	63.644	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	387065	77.334	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	447056	94.858	ug/l	55
77) Bromobenzene	12.988	156	215633	54.253	ug/l	96
78) n-propylbenzene	13.041	91	779693	39.794	ug/l	100
79) 2-Chlorotoluene	13.129	91	540142	42.087	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	597309	41.262	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	113154	63.093	ug/l	93
82) 4-Chlorotoluene	13.224	91	502965	42.011	ug/l	97
83) tert-Butylbenzene	13.447	119	489495	39.828	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	615024	43.740	ug/l	99
85) sec-Butylbenzene	13.623	105	591594	38.082	ug/l	100
86) p-Isopropyltoluene	13.735	119	484709	38.858	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	320881	45.623	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	301653	42.580	ug/l	97
89) n-Butylbenzene	14.059	91	354835	39.757	ug/l	97
90) Hexachloroethane	14.335	117	96134	41.797	ug/l	80
91) 1,2-Dichlorobenzene	14.112	146	334000	47.718	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	66452	76.793	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	93056	41.656	ug/l	93
94) Hexachlorobutadiene	15.506	225	47578	40.374	ug/l	98
95) Naphthalene	15.647	128	376085	49.245	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	110387	42.975	ug/l	93

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QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

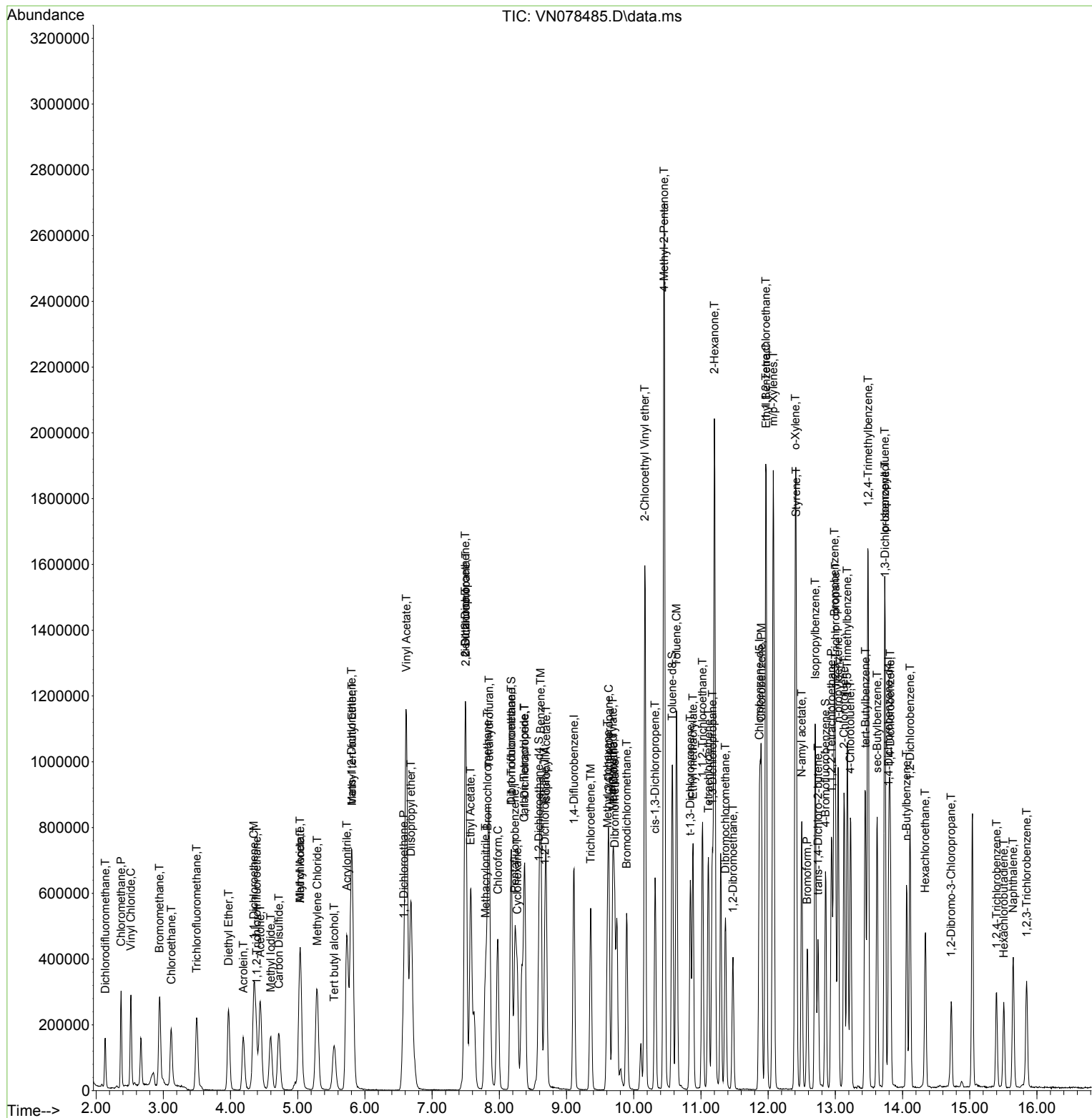
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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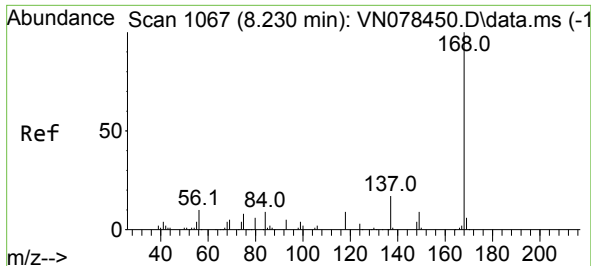
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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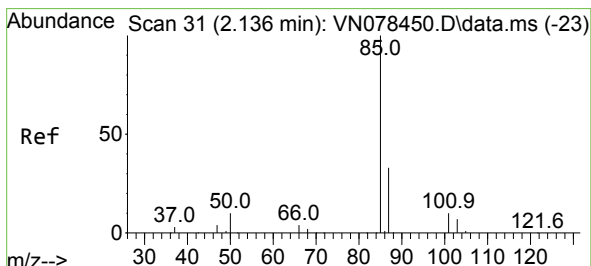
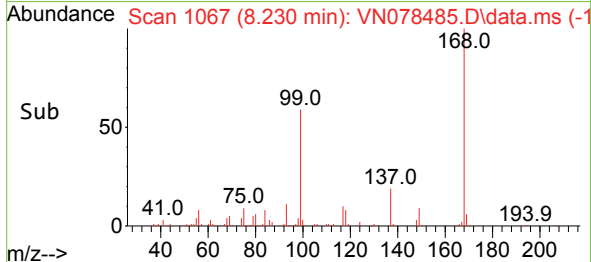
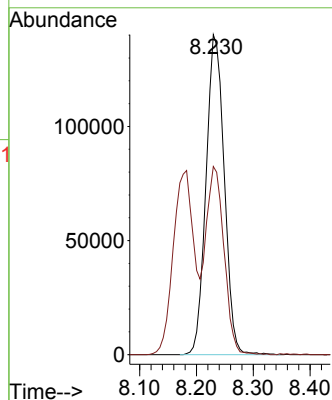
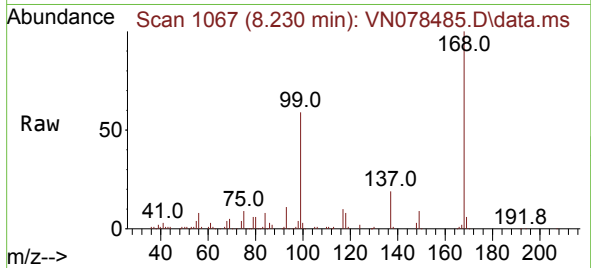




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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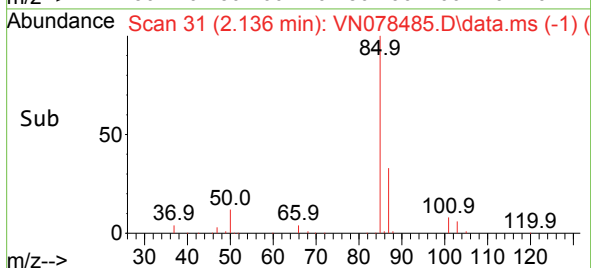
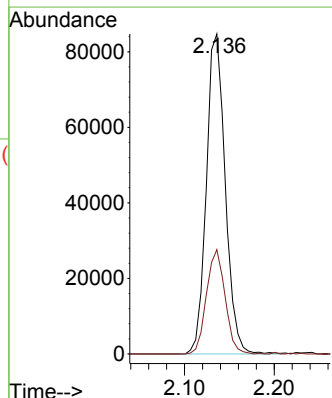
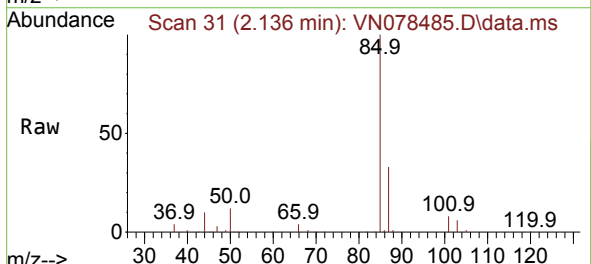
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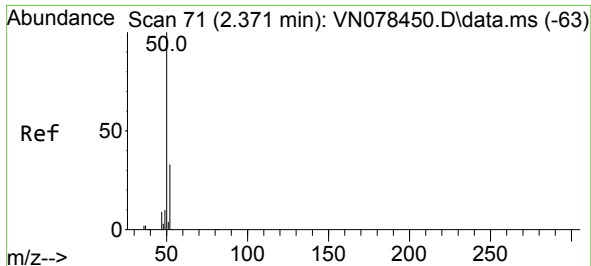
Tgt Ion:168 Resp: 311917
Ion Ratio Lower Upper
168 100
99 58.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 32.355 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 85 Resp: 123735
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4

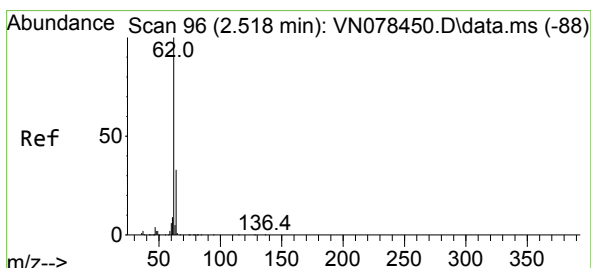
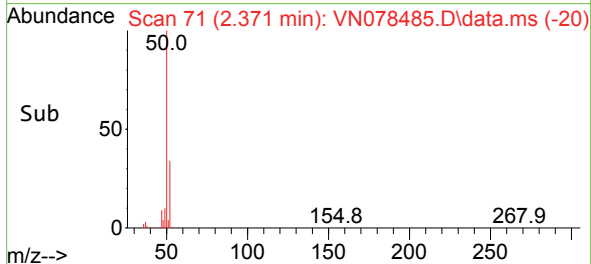
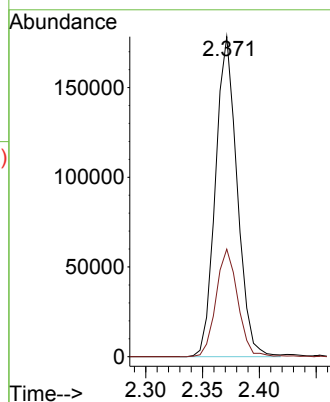
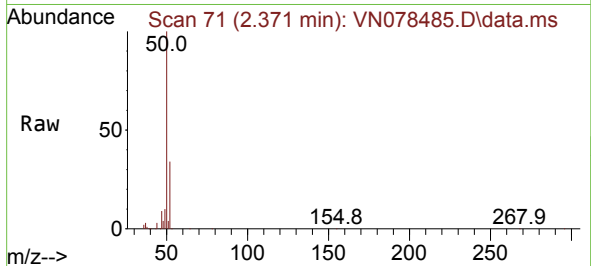




#3
Chloromethane
Concen: 56.991 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078485.D
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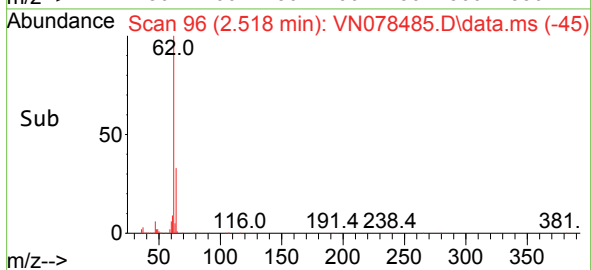
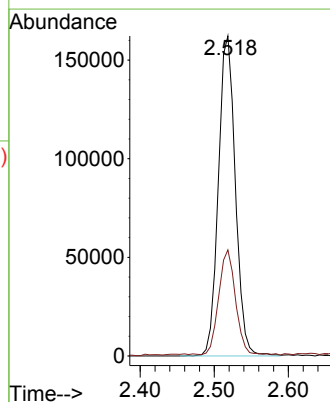
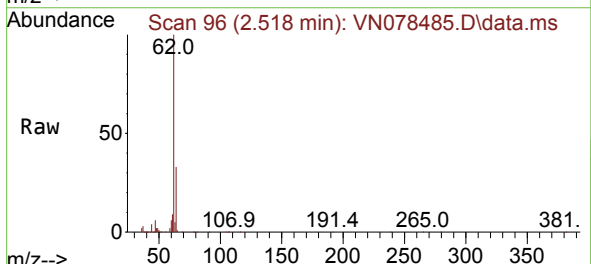
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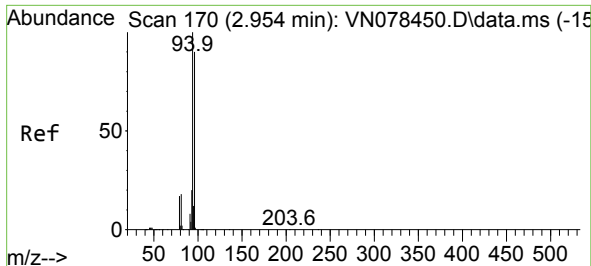
Tgt Ion: 50 Resp: 236891
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7



#4
Vinyl Chloride
Concen: 48.009 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 62 Resp: 258145
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2

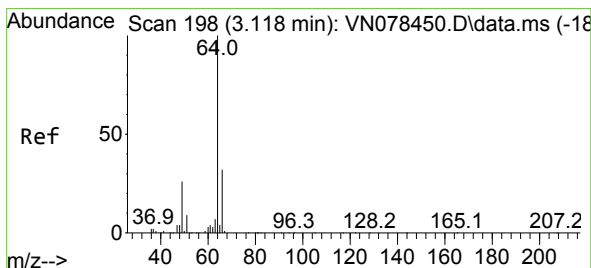
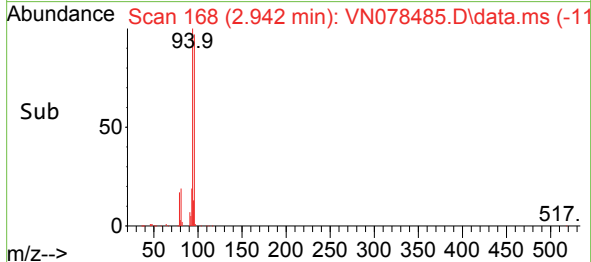
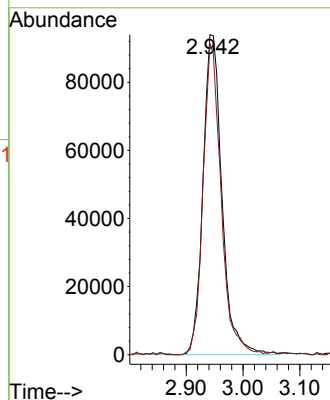
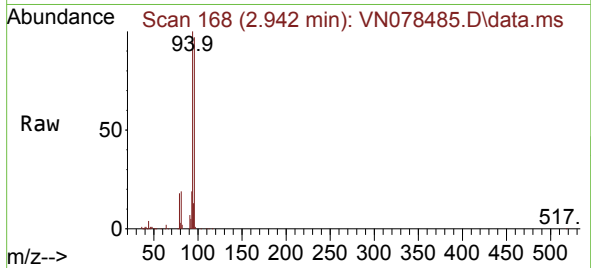




#5
Bromomethane
Concen: 65.617 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN078485.D
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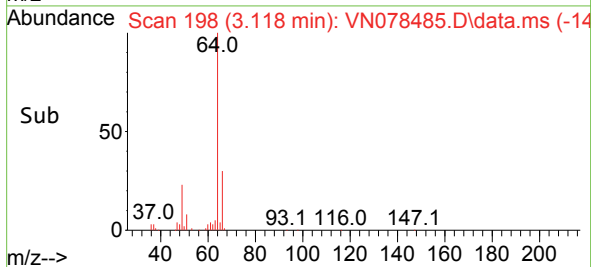
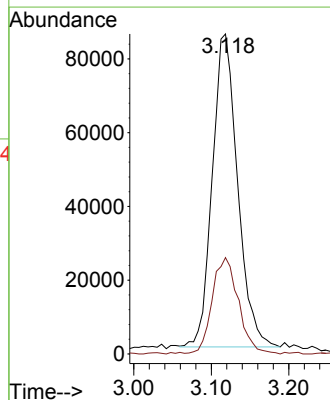
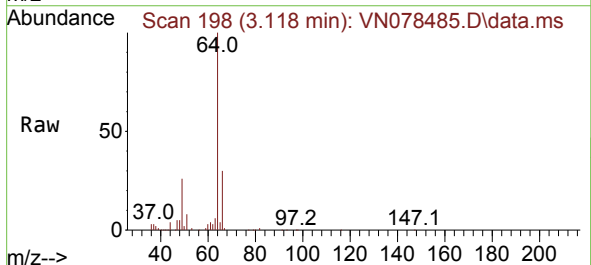
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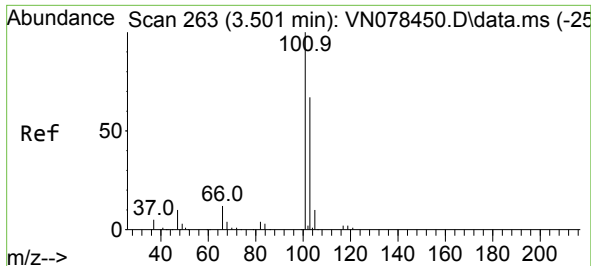
Tgt Ion: 94 Resp: 217883
Ion Ratio Lower Upper
94 100
96 97.2 73.1 109.7



#6
Chloroethane
Concen: 59.463 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078485.D
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Tgt Ion: 64 Resp: 192229
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.2

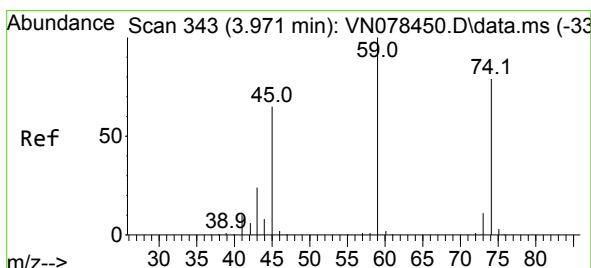
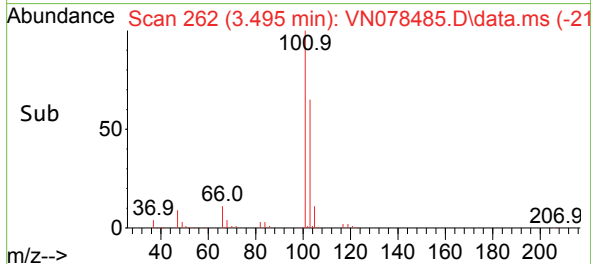
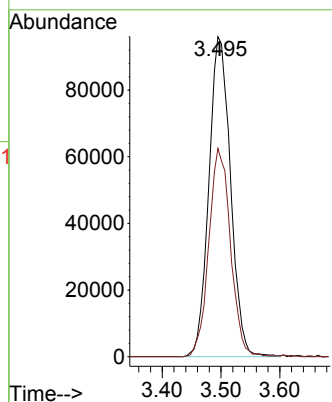
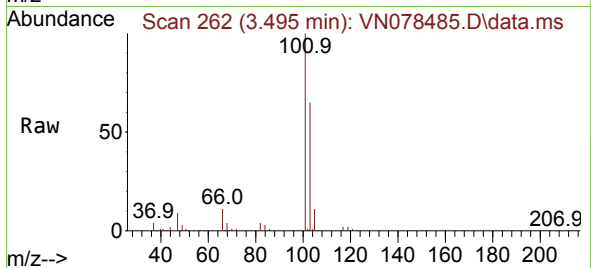




#7
Trichlorofluoromethane
Concen: 38.170 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

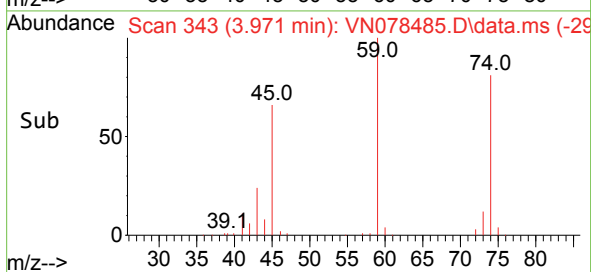
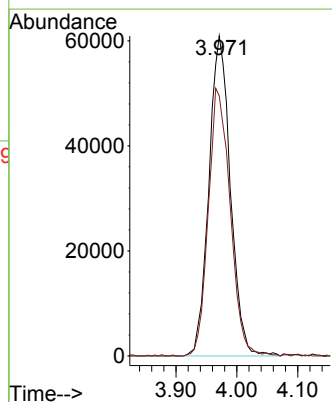
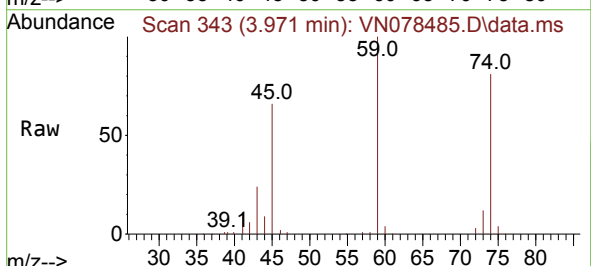
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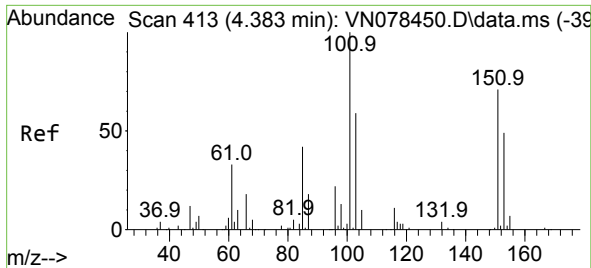
Tgt Ion:101 Resp: 245346
Ion Ratio Lower Upper
101 100
103 65.0 50.7 76.1



#8
Diethyl Ether
Concen: 69.836 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 149556
Ion Ratio Lower Upper
74 100
45 84.9 34.4 103.3

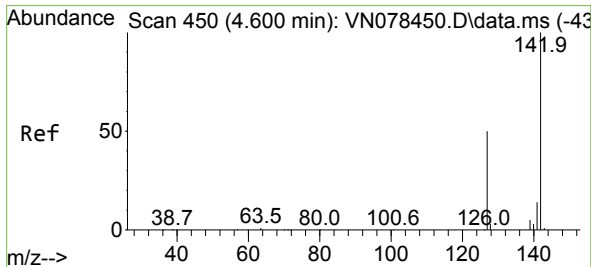
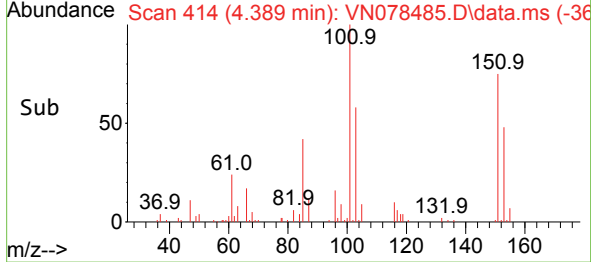
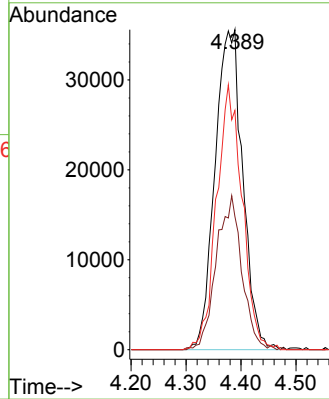
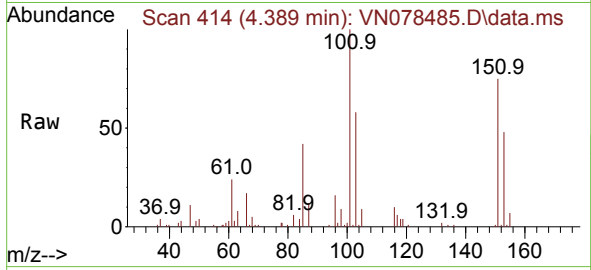




#9
1,1,2-Trichlorotrifluoroethane
Concen: 36.753 ug/l
RT: 4.389 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

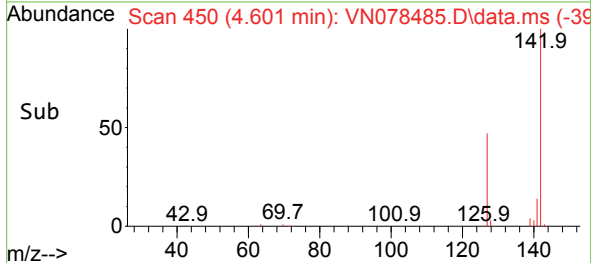
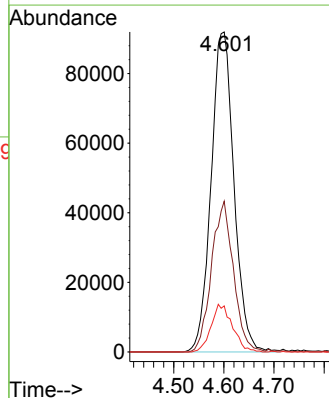
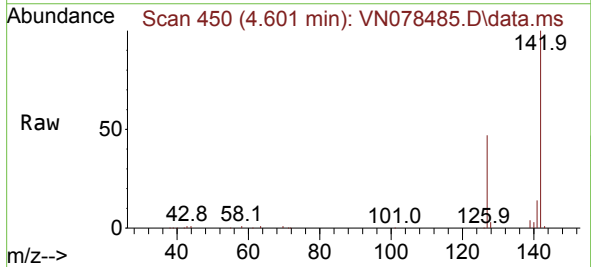
Instrument :
MSVOA_N
ClientSampleId :
IBLK

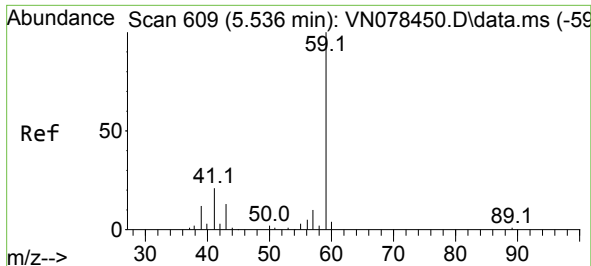
Tgt Ion:101 Resp: 125053
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 76.3 57.6 86.4



#10
Methyl Iodide
Concen: 62.399 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.001 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion:142 Resp: 291751
Ion Ratio Lower Upper
142 100
127 47.1 37.6 56.4
141 14.4 11.4 17.0

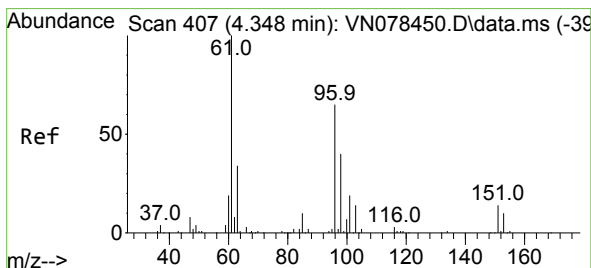
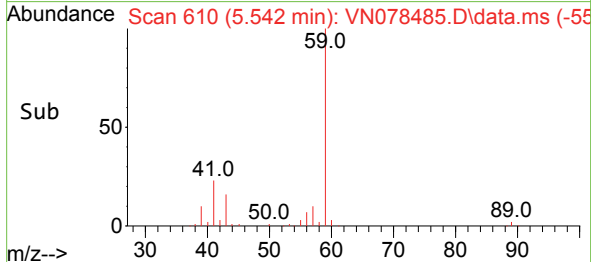
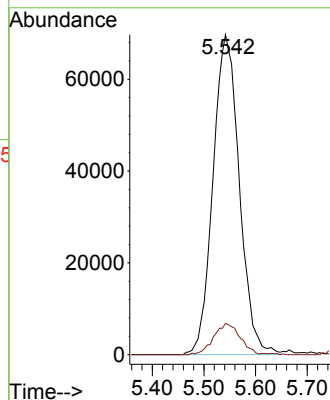
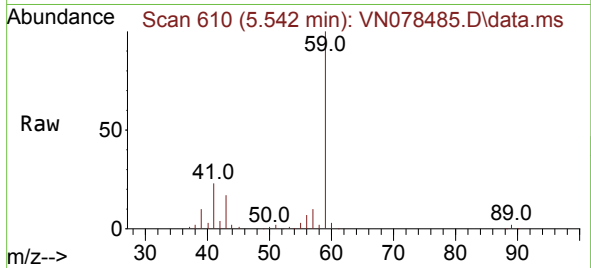




#11
Tert butyl alcohol
Concen: 382.077 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

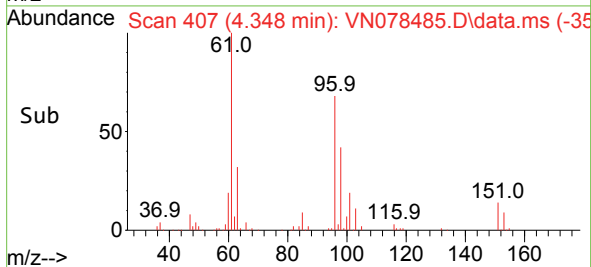
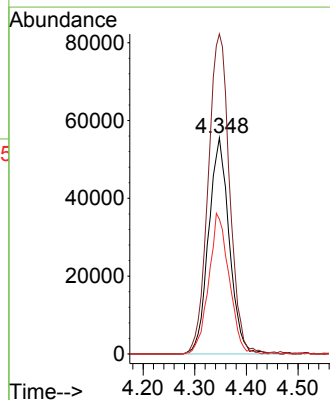
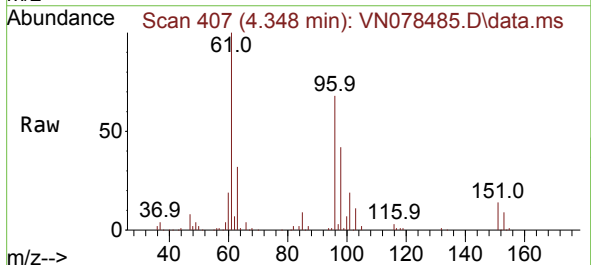
Instrument :
MSVOA_N
ClientSampleId :
IBLK

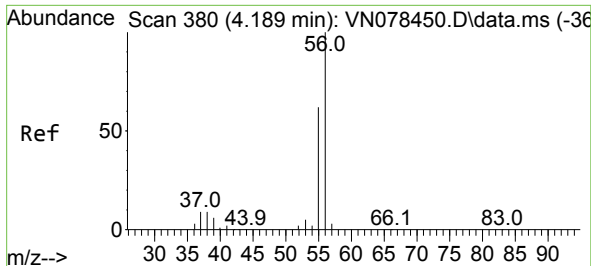
Tgt Ion: 59 Resp: 246368
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.923 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 96 Resp: 154437
Ion Ratio Lower Upper
96 100
61 148.0 112.7 169.1
98 62.3 51.2 76.8

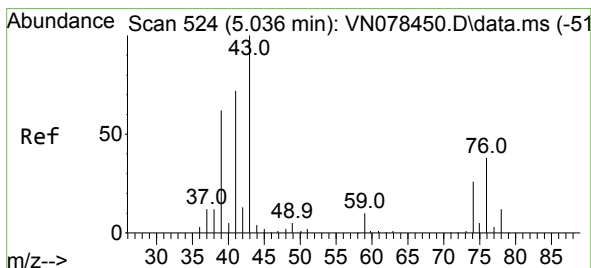
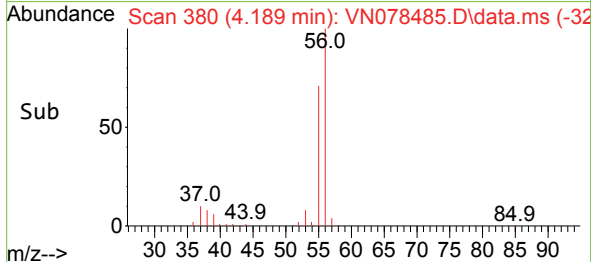
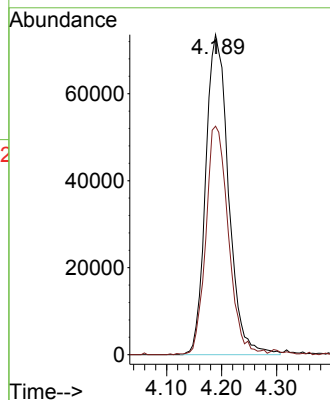
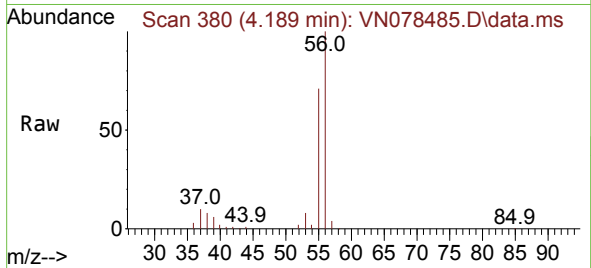




#13
Acrolein
Concen: 334.465 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

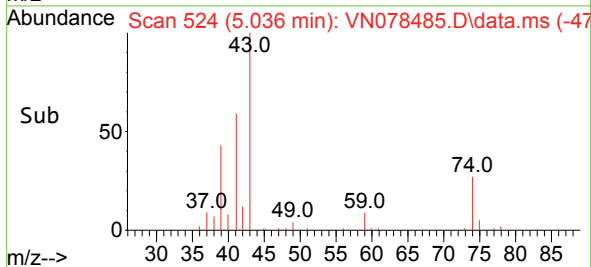
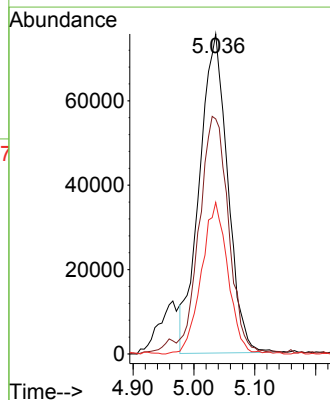
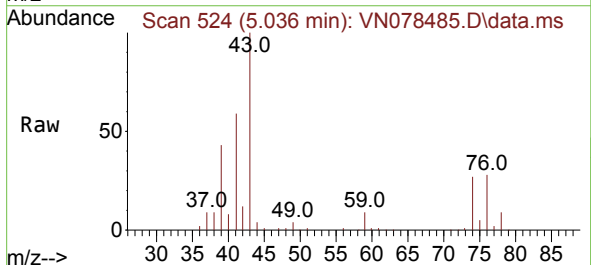
Instrument :
MSVOA_N
ClientSampleId :
IBLK

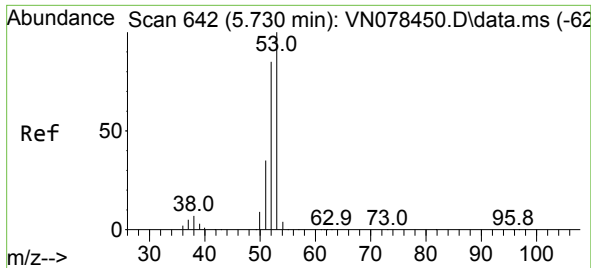
Tgt Ion: 56 Resp: 212187
Ion Ratio Lower Upper
56 100
55 70.6 54.5 81.7



#14
Allyl chloride
Concen: 54.251 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 41 Resp: 243984
Ion Ratio Lower Upper
41 100
39 75.3 58.8 88.2
76 44.6 39.1 58.7

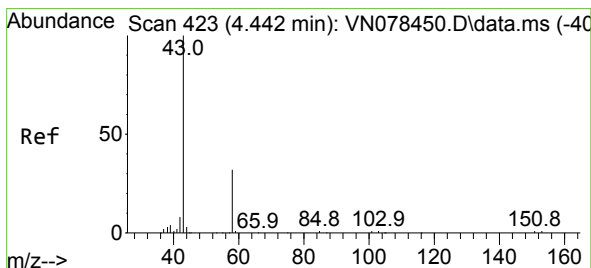
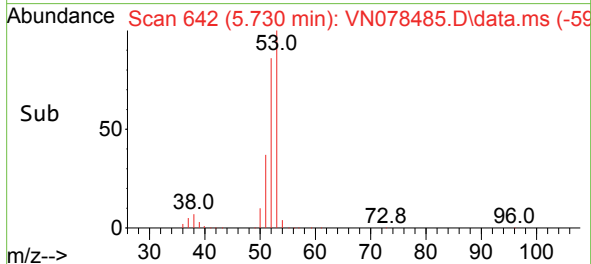
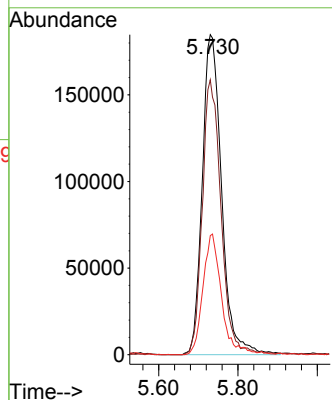
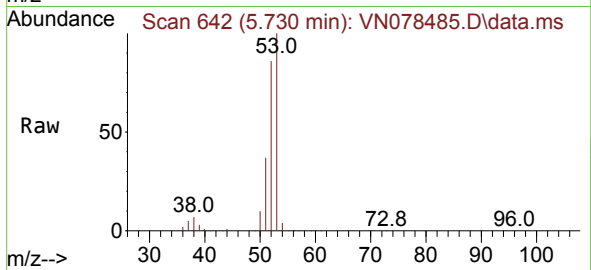




#15
Acrylonitrile
Concen: 384.337 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

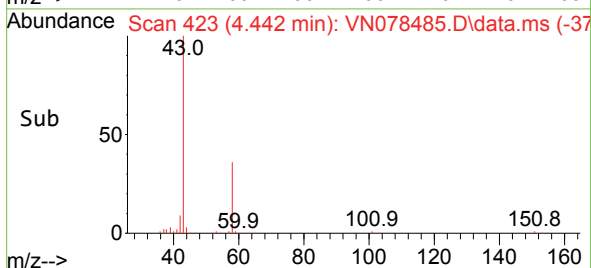
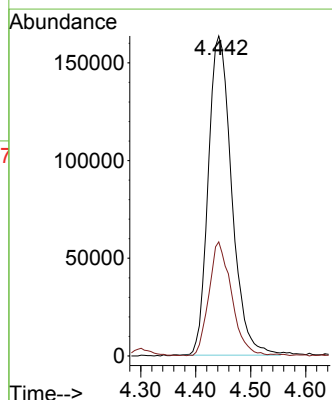
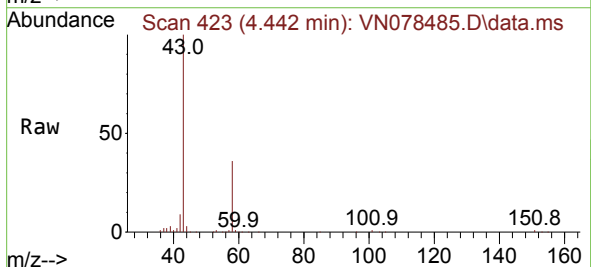
Instrument :
MSVOA_N
ClientSampleId :
IBLK

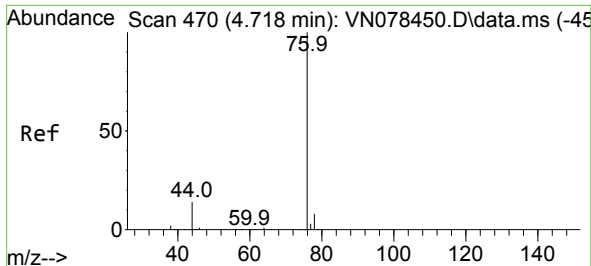
Tgt Ion: 53 Resp: 626160
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 36.0 28.9 43.3



#16
Acetone
Concen: 372.408 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 43 Resp: 485085
Ion Ratio Lower Upper
43 100
58 35.5 28.0 42.0

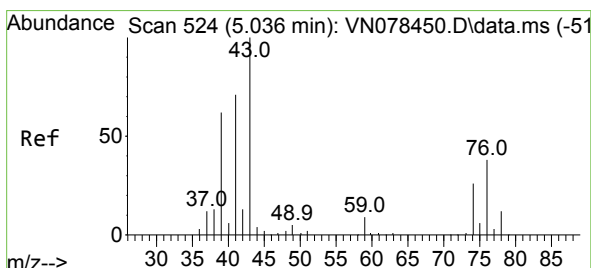
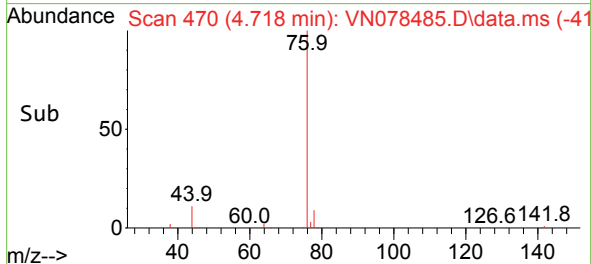
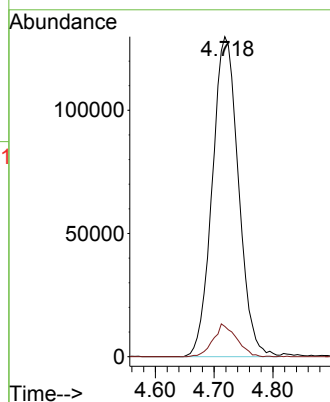
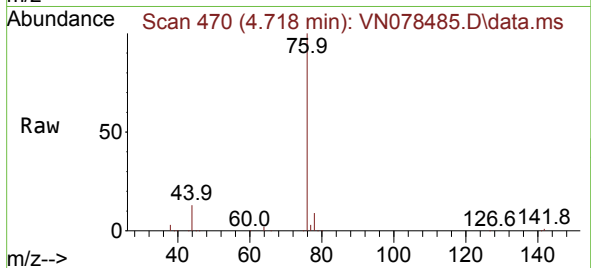




#17
Carbon Disulfide
Concen: 42.311 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

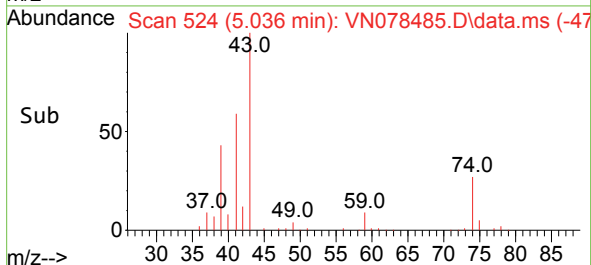
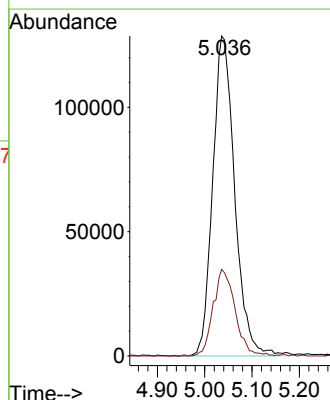
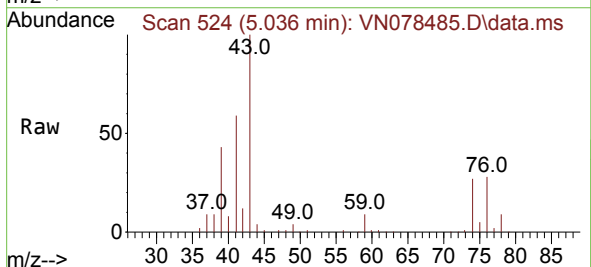
Instrument :
MSVOA_N
ClientSampleId :
IBLK

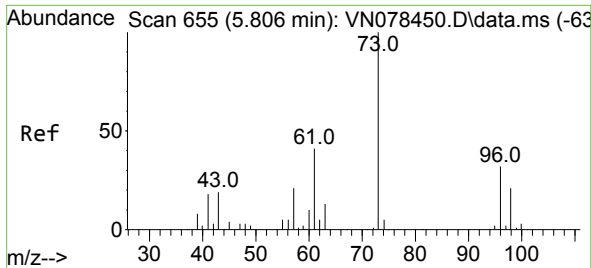
Tgt Ion: 76 Resp: 402682
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 75.336 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 43 Resp: 415401
Ion Ratio Lower Upper
43 100
74 26.9 26.2 39.4

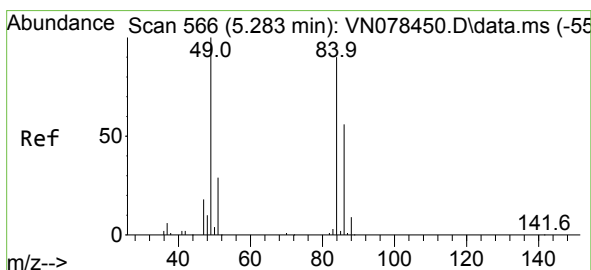
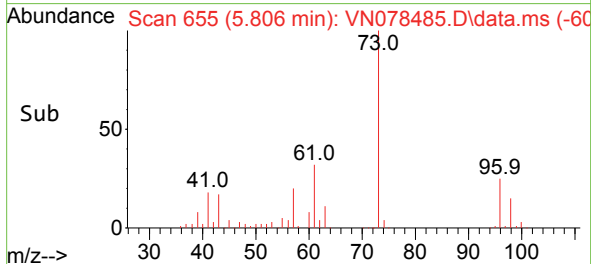
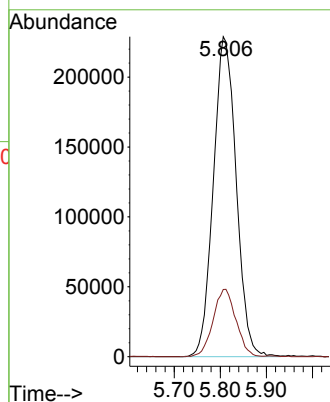
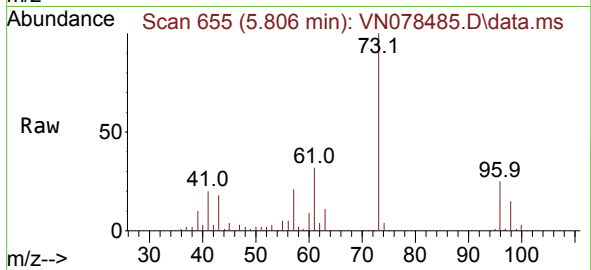




#19
Methyl tert-butyl Ether
Concen: 72.622 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

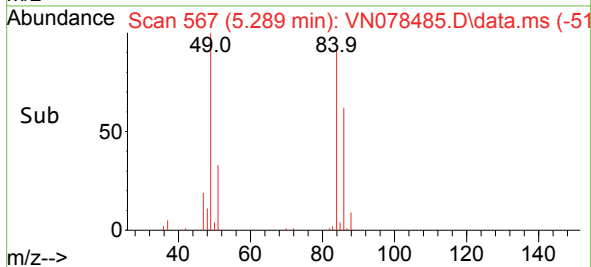
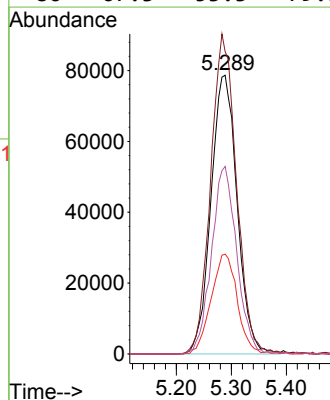
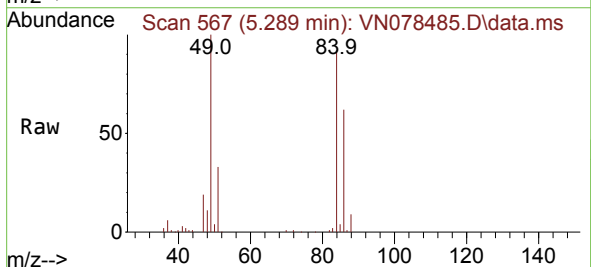
Instrument :
MSVOA_N
ClientSampleId :
IBLK

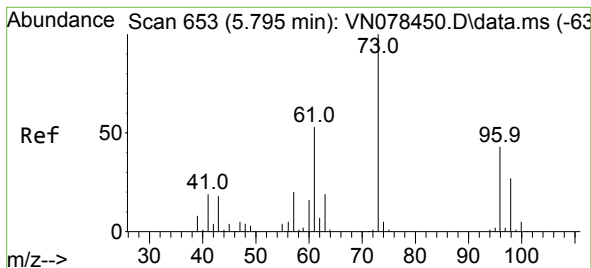
Tgt Ion: 73 Resp: 787525
Ion Ratio Lower Upper
73 100
57 21.0 15.6 23.4



#20
Methylene Chloride
Concen: 70.235 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 84 Resp: 260567
Ion Ratio Lower Upper
84 100
49 108.2 79.7 119.5
51 35.8 25.2 37.8
86 67.3 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 51.842 ug/l

RT: 5.800 min Scan# 61

Delta R.T. 0.005 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

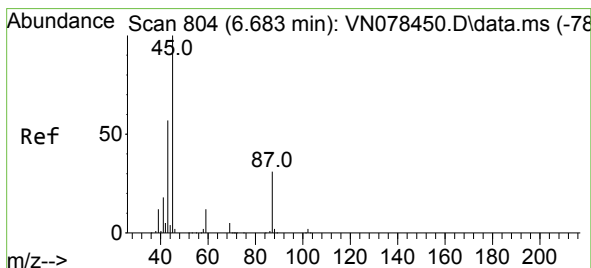
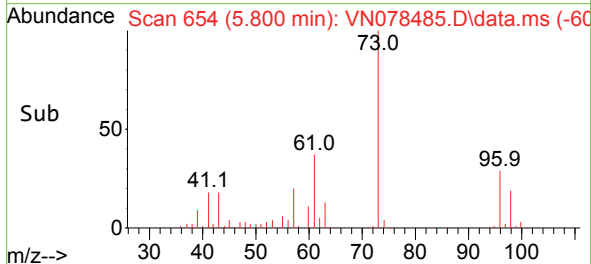
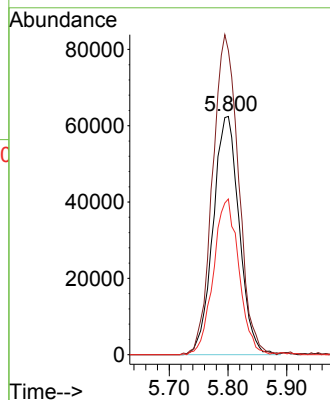
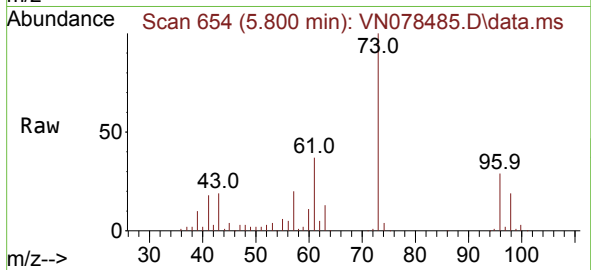
Tgt Ion: 96 Resp: 192277

Ion Ratio Lower Upper

96 100

61 127.7 90.1 135.1

98 65.3 46.4 69.6



#22

Diisopropyl ether

Concen: 70.071 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.000 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

Tgt Ion: 45 Resp: 705630

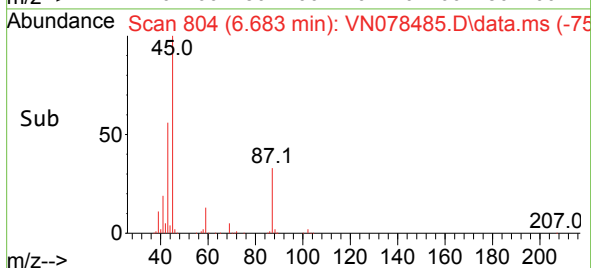
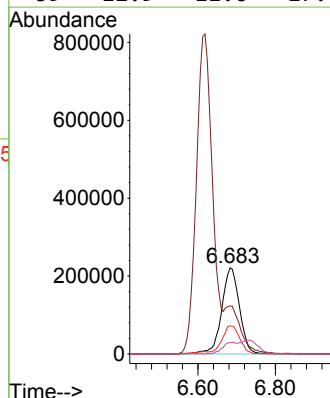
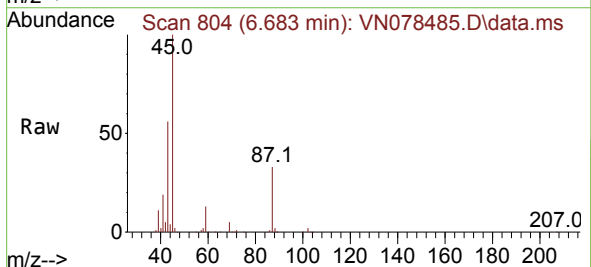
Ion Ratio Lower Upper

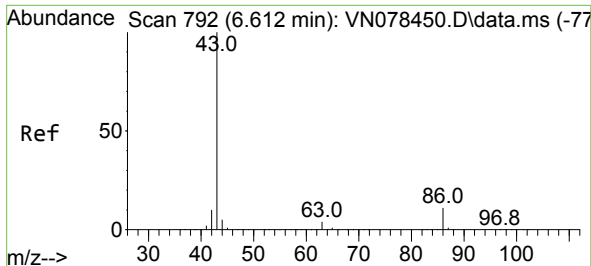
45 100

43 55.3 45.5 68.3

87 32.5 31.8 47.8

59 12.9 11.6 17.4

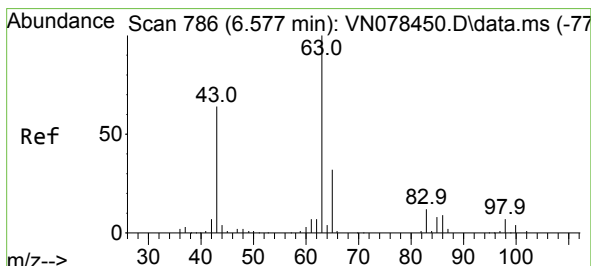
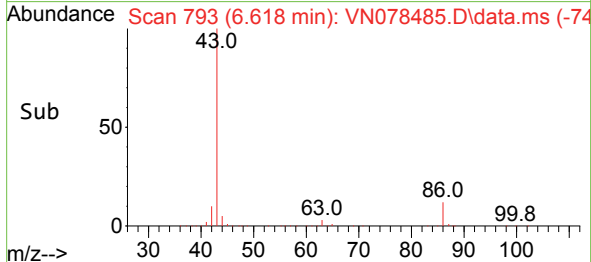
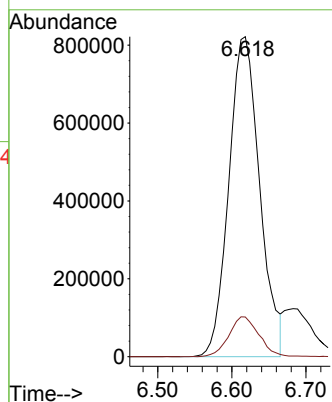
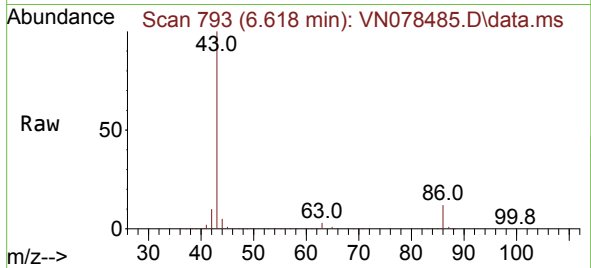




#23
 Vinyl Acetate
 Concen: 371.541 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078485.D
 Acq: 12 Jul 2023 18:22

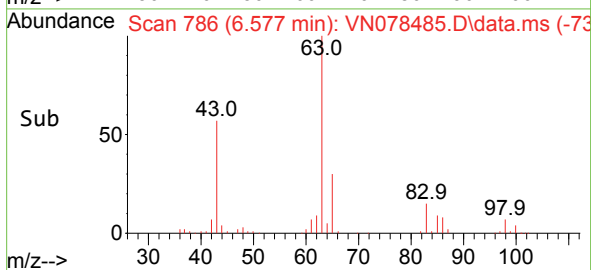
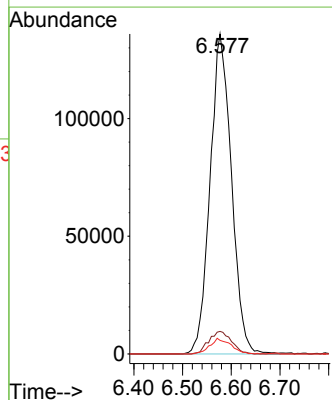
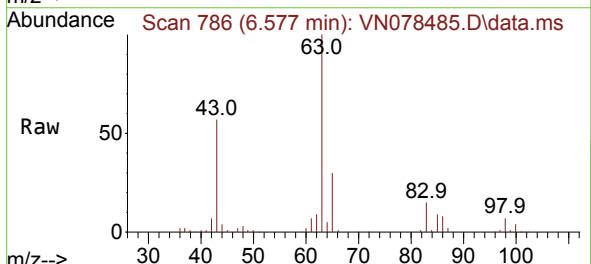
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

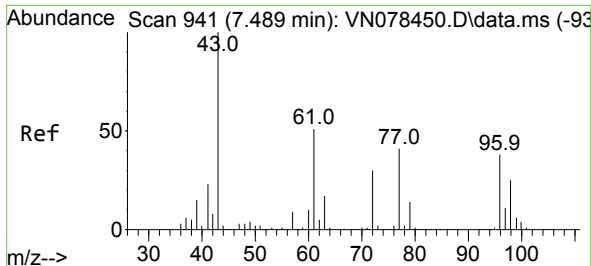
Tgt Ion: 43 Resp: 2378609
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 60.978 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078485.D
 Acq: 12 Jul 2023 18:22

Tgt Ion: 63 Resp: 413776
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.3 2.5 7.4

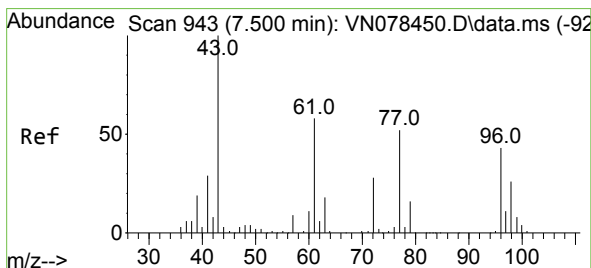
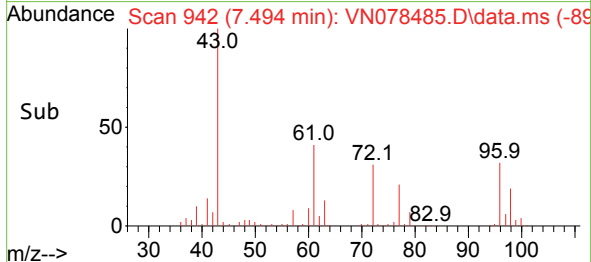
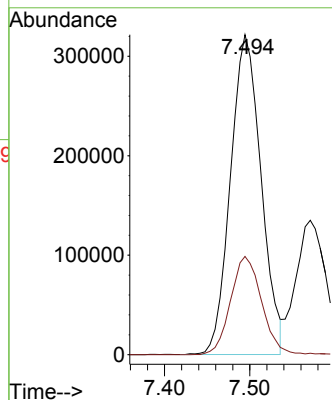
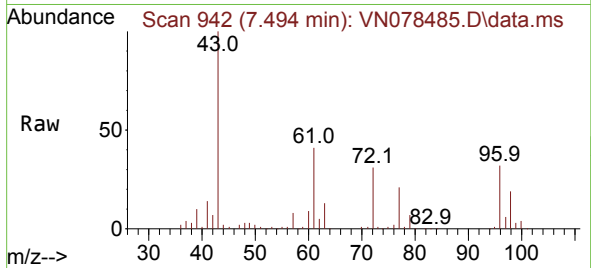




#25
2-Butanone
Concen: 391.458 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

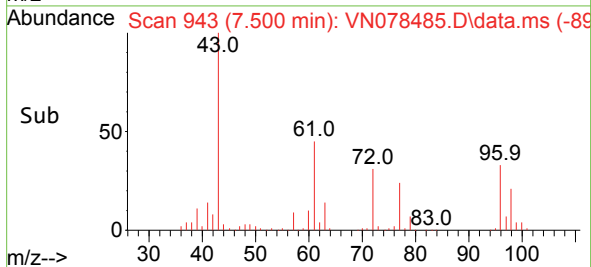
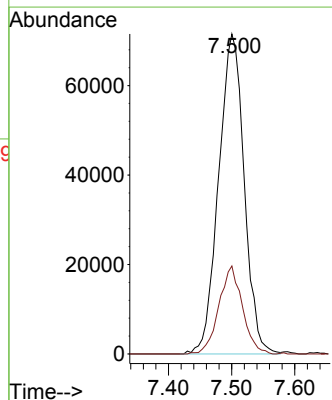
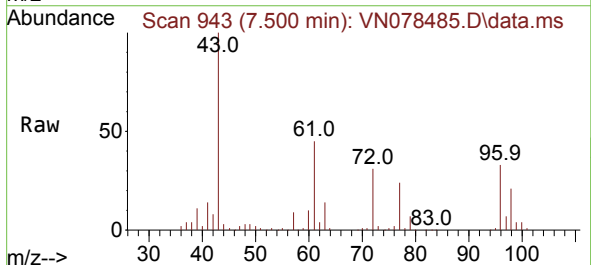
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MSVOA_N
ClientSampleId :
IBLK

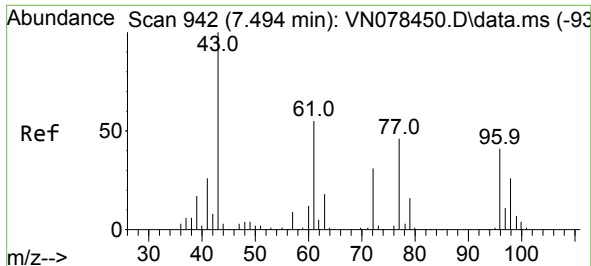
Tgt Ion: 43 Resp: 802649
Ion Ratio Lower Upper
43 100
72 30.7 30.2 45.2



#26
2,2-Dichloropropane
Concen: 36.194 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 77 Resp: 200874
Ion Ratio Lower Upper
77 100
97 25.3 11.2 33.6

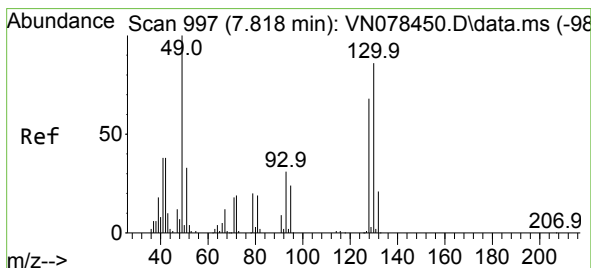
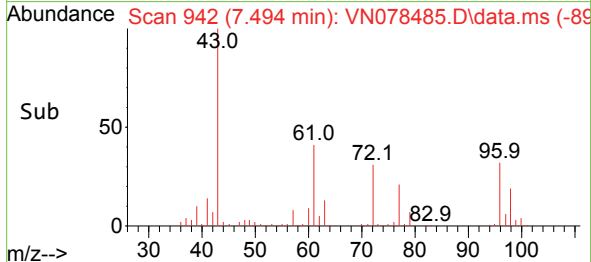
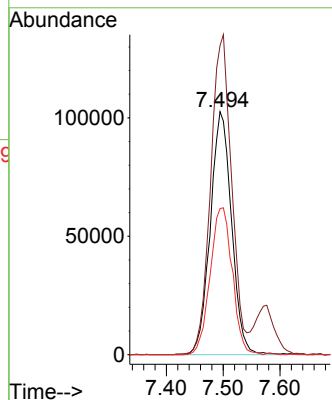
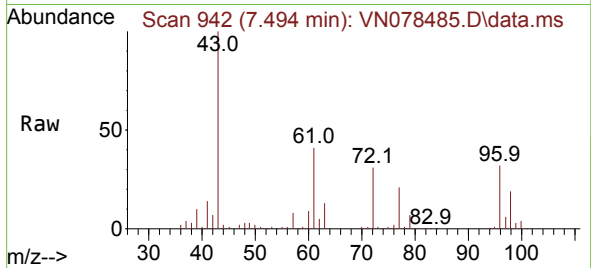




#27
 cis-1,2-Dichloroethene
 Concen: 62.166 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078485.D
 Acq: 12 Jul 2023 18:22

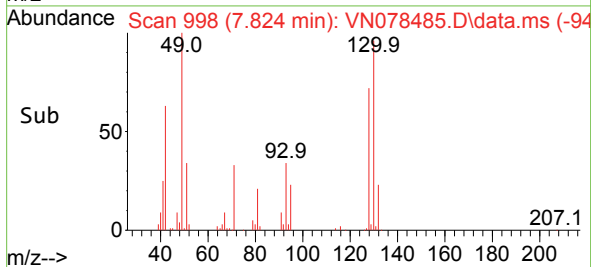
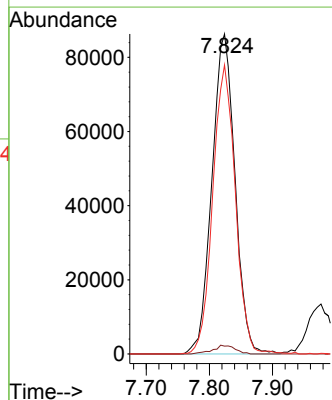
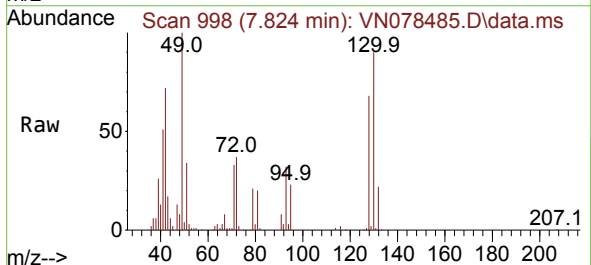
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

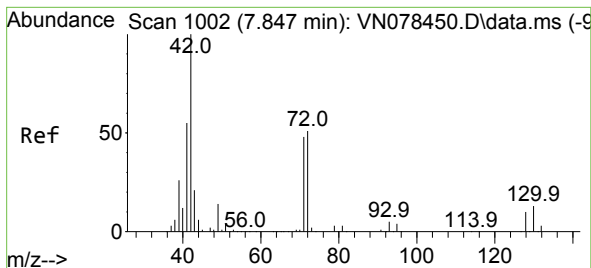
Tgt Ion: 96 Resp: 266728
 Ion Ratio Lower Upper
 96 100
 61 129.9 0.0 255.2
 98 62.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 68.614 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078485.D
 Acq: 12 Jul 2023 18:22

Tgt Ion: 49 Resp: 219295
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 88.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 391.025 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

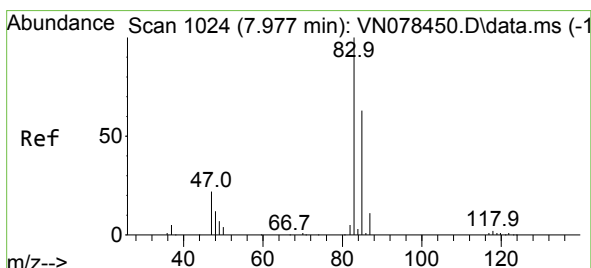
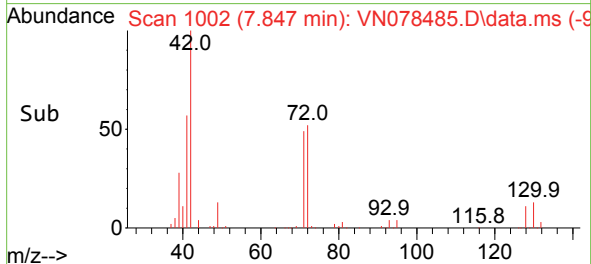
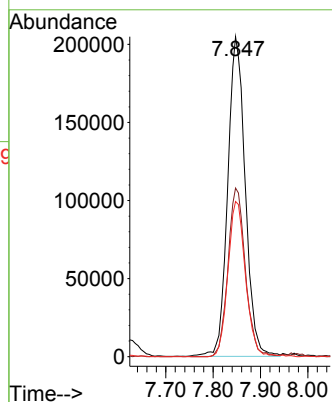
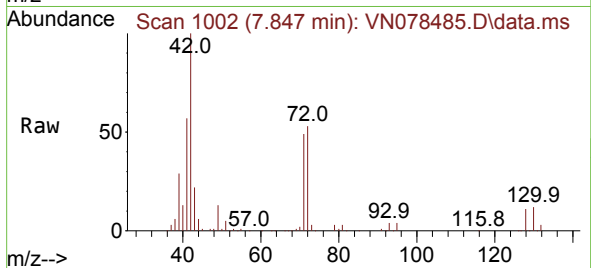
Tgt Ion: 42 Resp: 526090

Ion Ratio Lower Upper

42 100

72 52.3 49.8 74.6

71 48.8 47.4 71.2



#30

Chloroform

Concen: 64.145 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078485.D

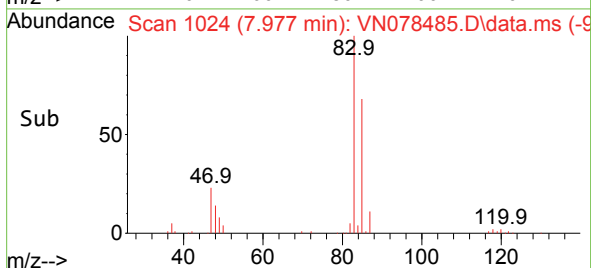
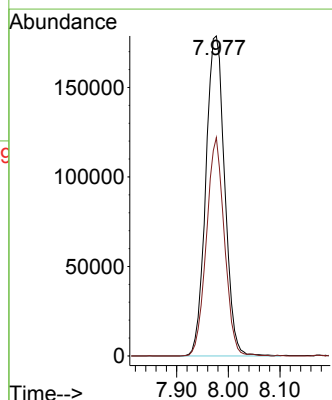
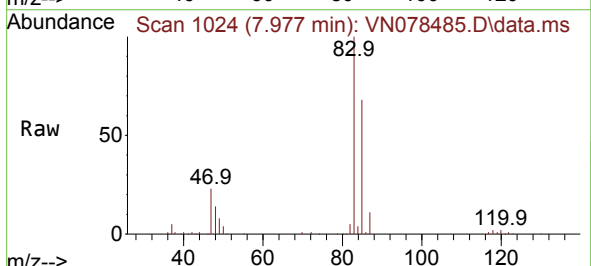
Acq: 12 Jul 2023 18:22

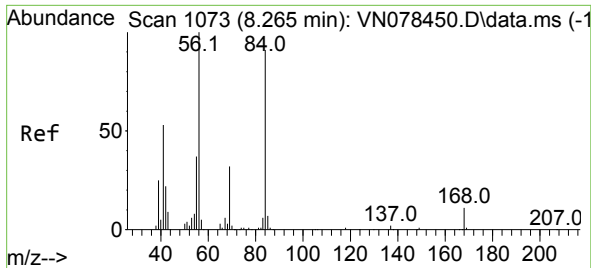
Tgt Ion: 83 Resp: 453155

Ion Ratio Lower Upper

83 100

85 68.3 55.4 83.0

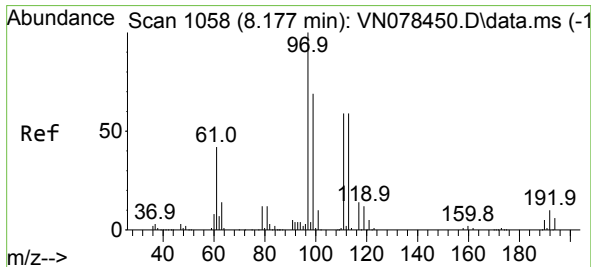
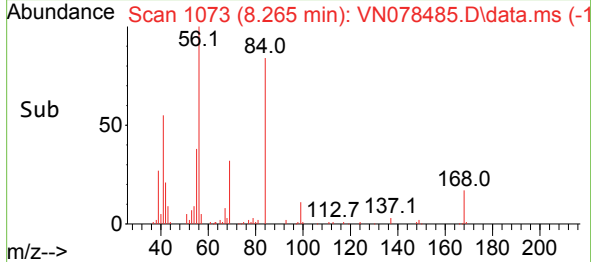
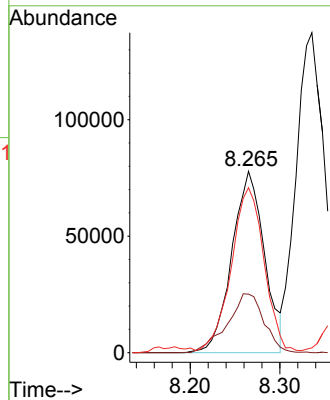
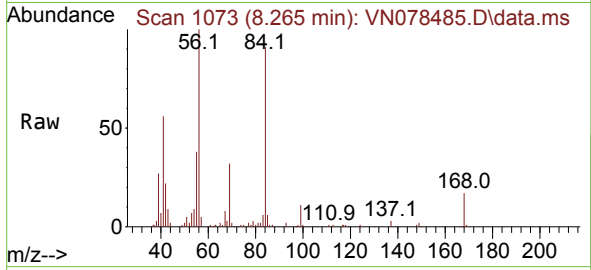




#31
Cyclohexane
Concen: 34.682 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

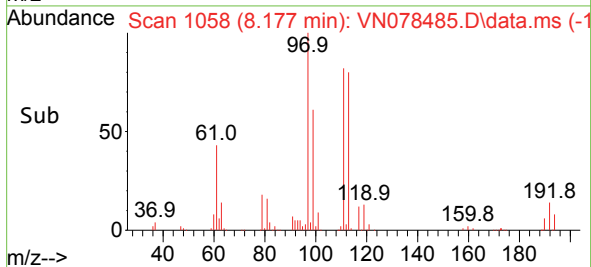
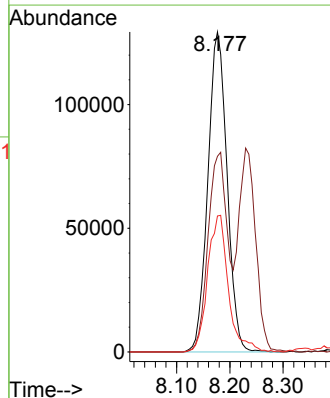
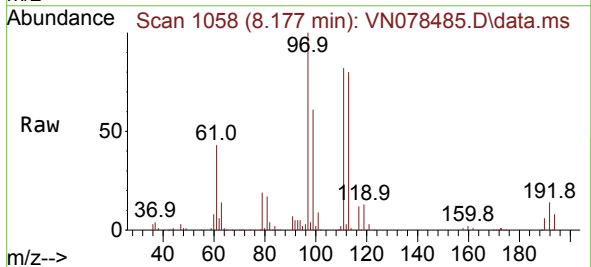
Instrument :
MSVOA_N
ClientSampleId :
IBLK

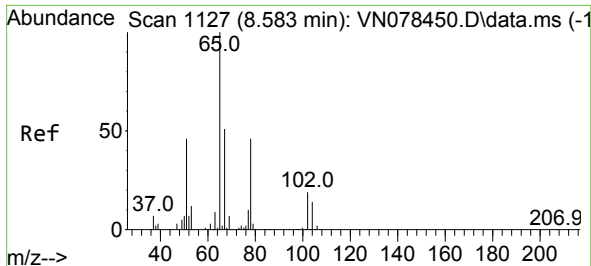
Tgt Ion: 56 Resp: 195993
Ion Ratio Lower Upper
56 100
69 32.2 26.8 40.2
84 88.6 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 51.146 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 97 Resp: 323952
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 46.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 70.070 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

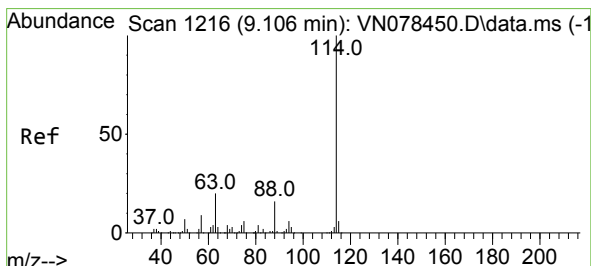
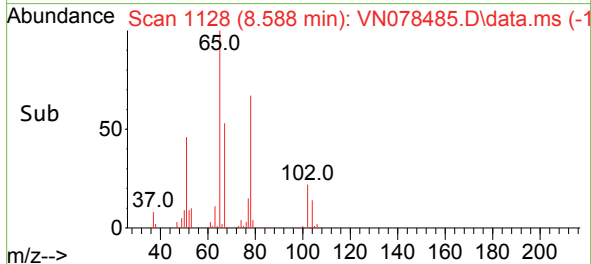
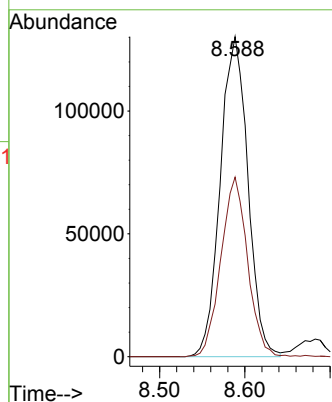
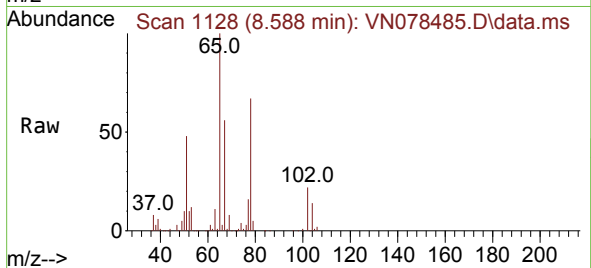
IBLK

Tgt Ion: 65 Resp: 293002

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

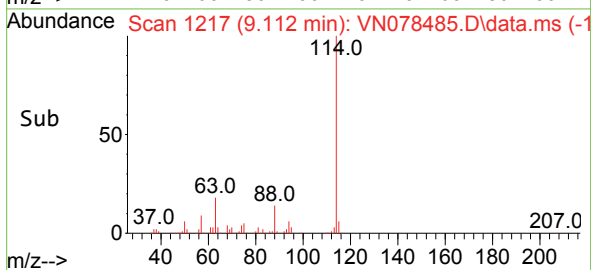
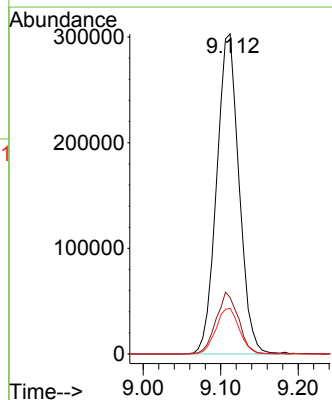
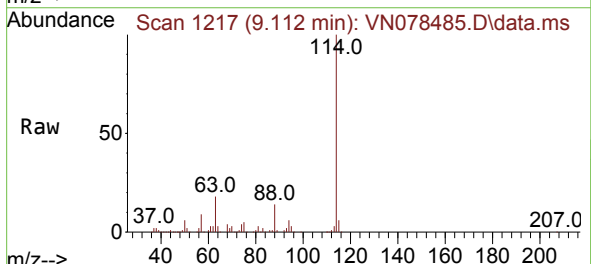
Tgt Ion: 114 Resp: 608192

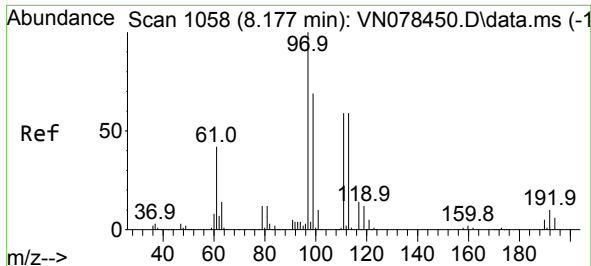
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.4

88 14.3 0.0 30.6

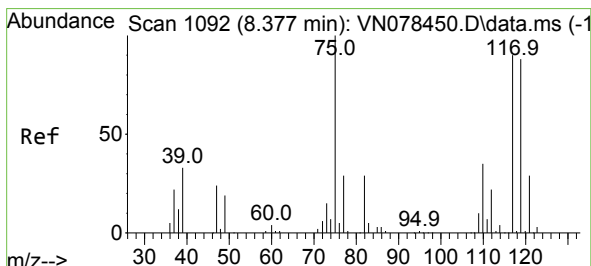
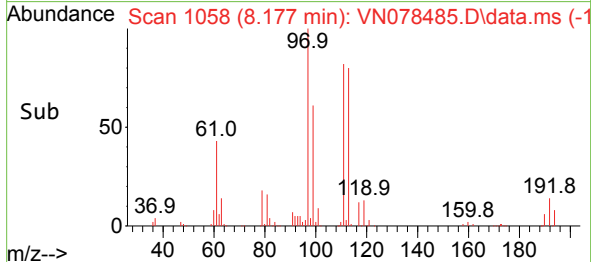
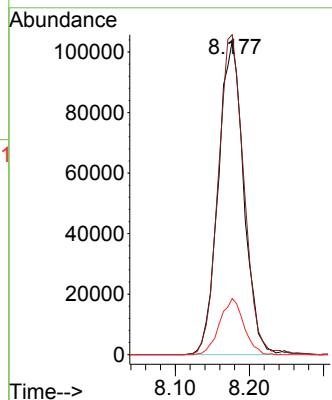
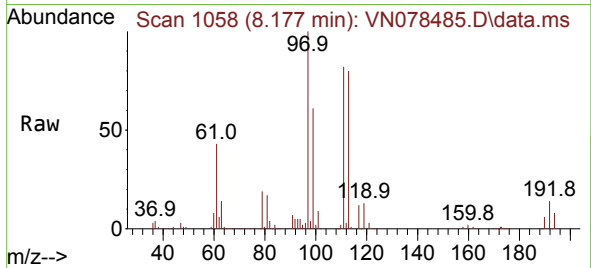




#35
Dibromofluoromethane
Concen: 59.720 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

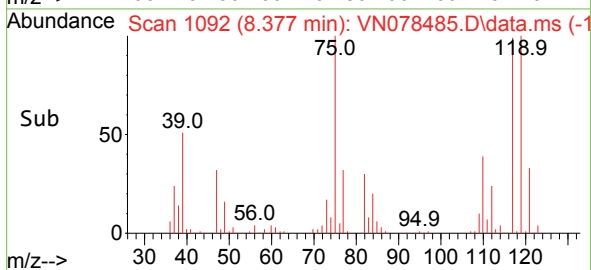
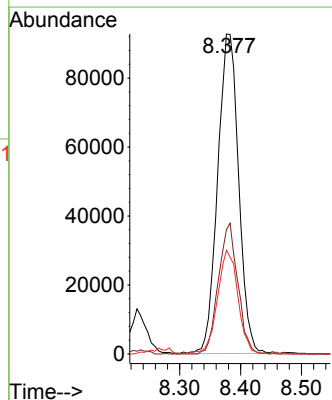
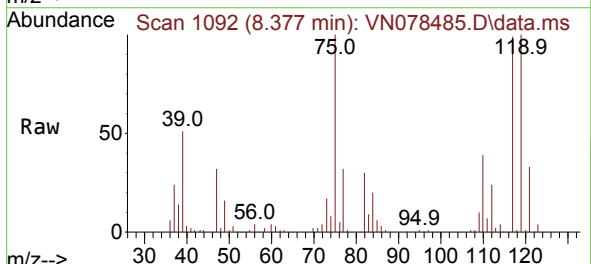
Instrument :
MSVOA_N
ClientSampleId :
IBLK

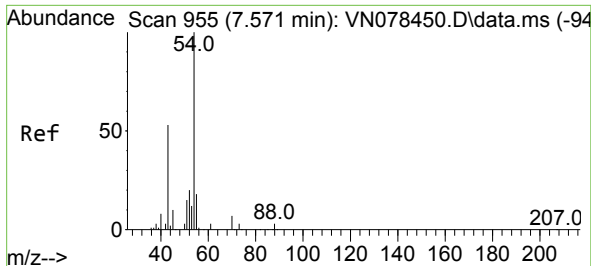
Tgt Ion:113 Resp: 246560
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 17.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 37.260 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 75 Resp: 222120
Ion Ratio Lower Upper
75 100
110 37.8 19.1 57.3
77 31.7 25.0 37.4

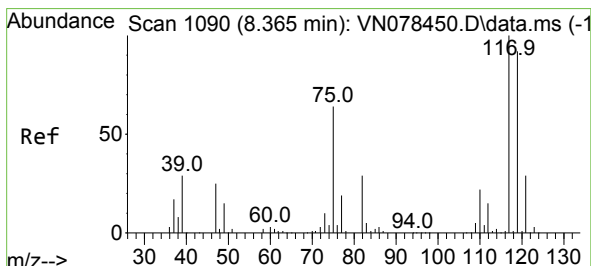
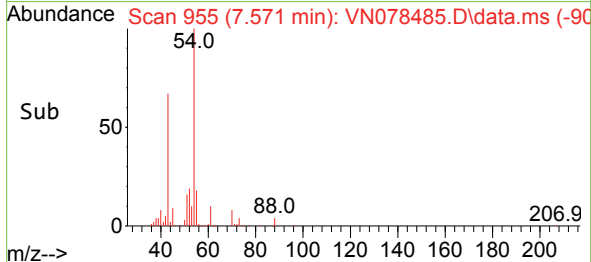
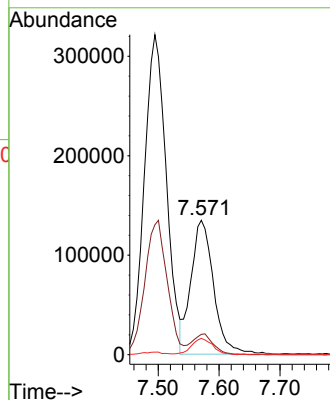
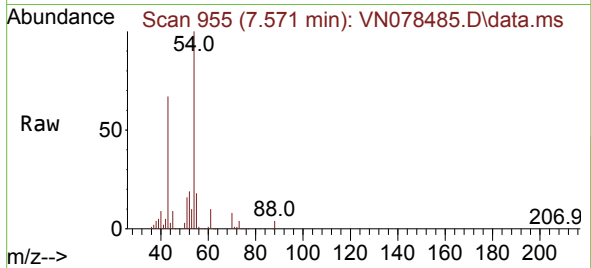




#37
Ethyl Acetate
Concen: 70.229 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

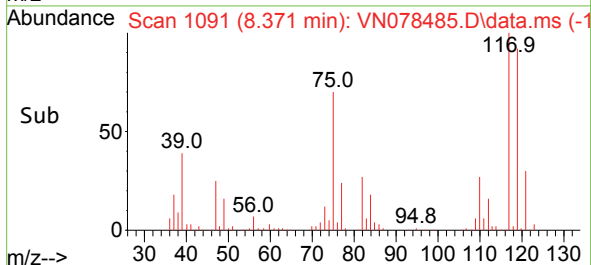
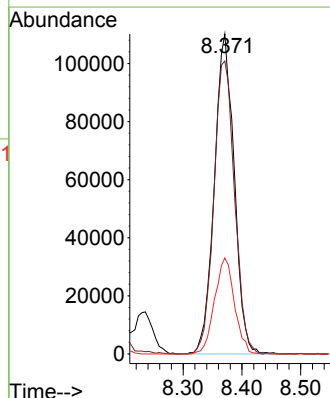
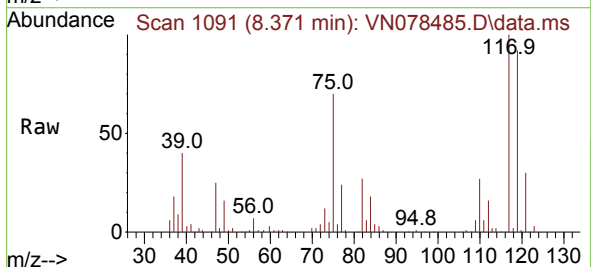
Instrument :
MSVOA_N
ClientSampleId :
IBLK

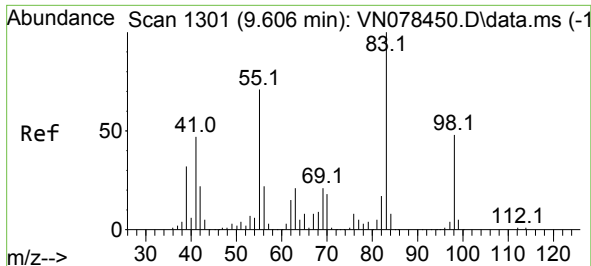
Tgt Ion: 43 Resp: 348997
Ion Ratio Lower Upper
43 100
61 14.8 13.2 19.8
70 11.4 11.3 16.9



#38
Carbon Tetrachloride
Concen: 39.904 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 117 Resp: 258541
Ion Ratio Lower Upper
117 100
119 91.6 77.3 115.9
121 30.0 23.3 34.9





#39

Methylcyclohexane

Concen: 31.931 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

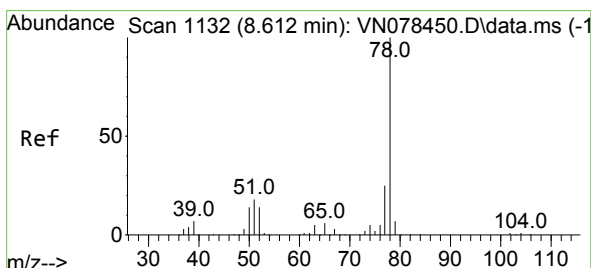
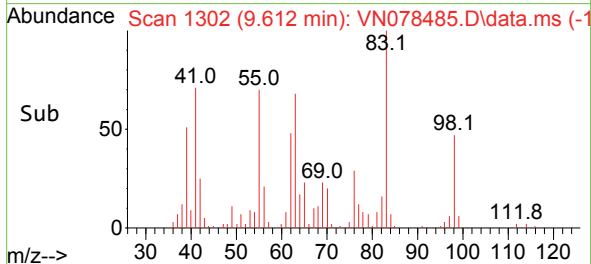
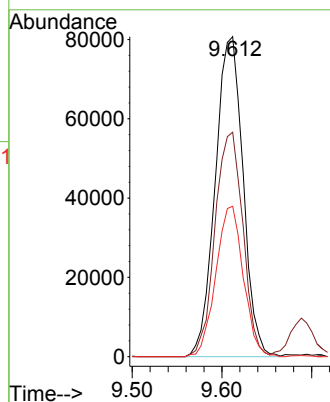
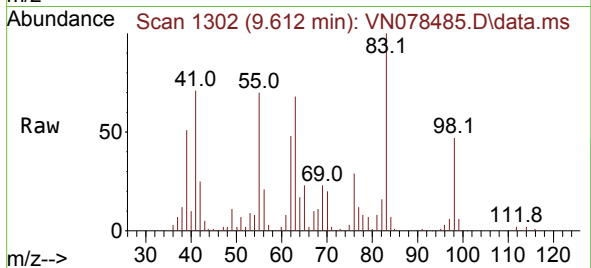
Tgt Ion: 83 Resp: 173753

Ion Ratio Lower Upper

83 100

55 70.1 49.1 73.7

98 47.0 40.6 61.0



#40

Benzene

Concen: 52.003 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078485.D

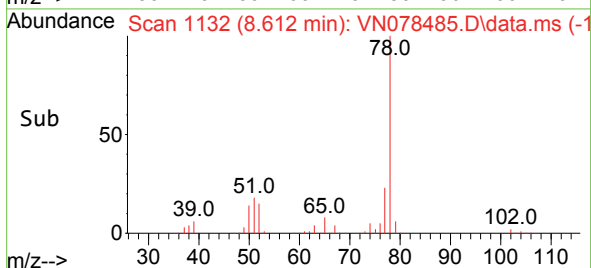
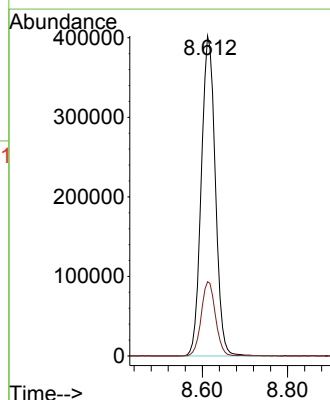
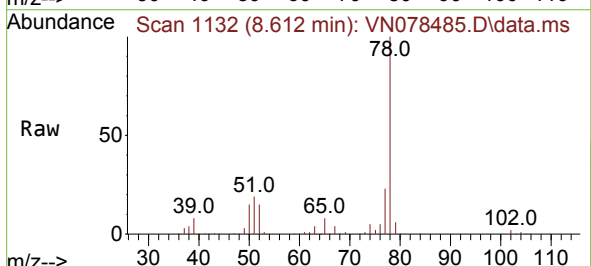
Acq: 12 Jul 2023 18:22

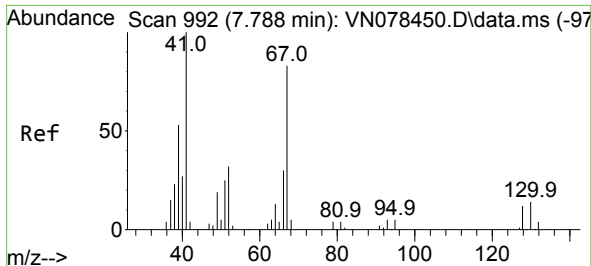
Tgt Ion: 78 Resp: 918421

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6



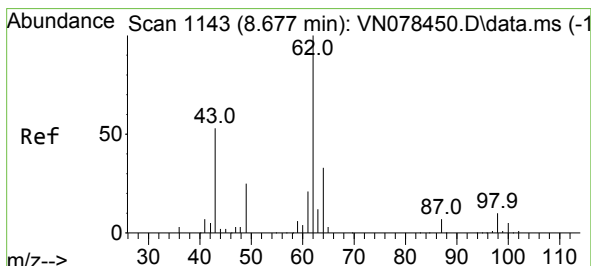
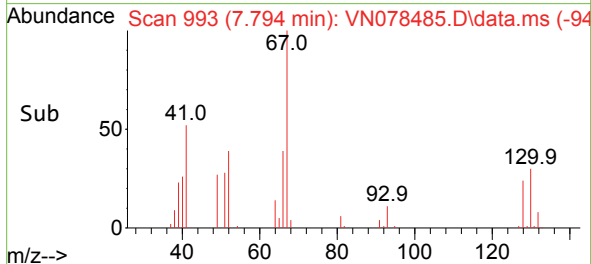
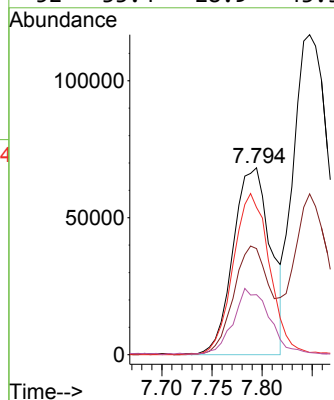
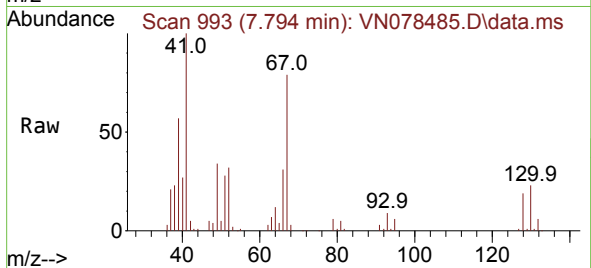


#41
Methacrylonitrile
Concen: 70.380 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 41 Resp: 178297

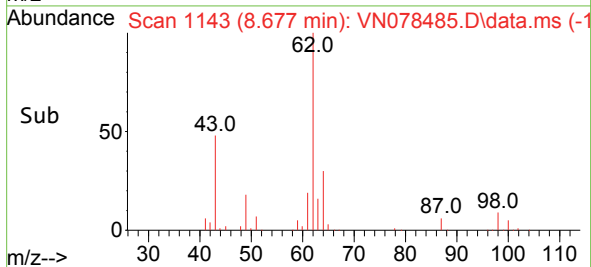
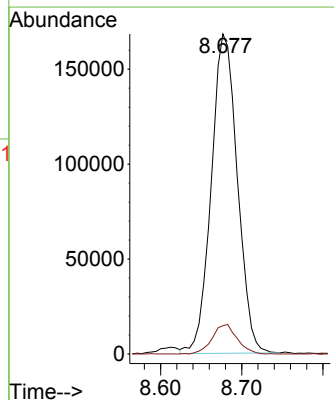
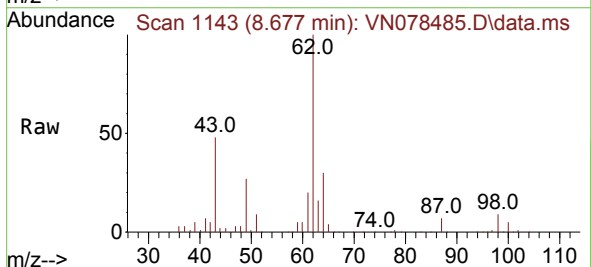
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.6	64.0
67	84.0	77.5	116.3
52	33.4	28.9	43.3

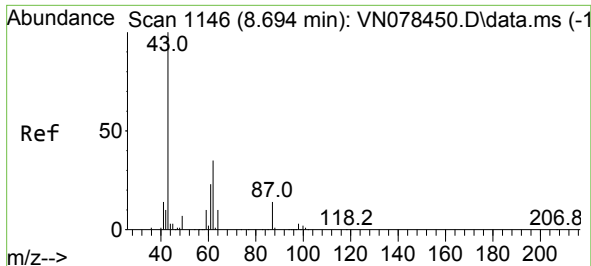


#42
1,2-Dichloroethane
Concen: 62.545 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 62 Resp: 375717

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8

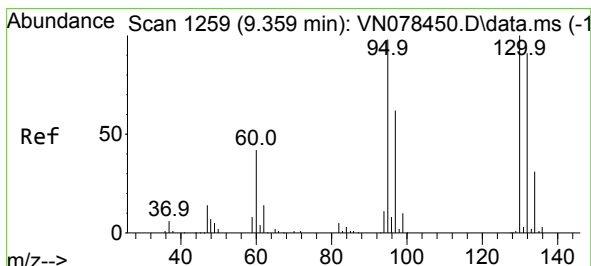
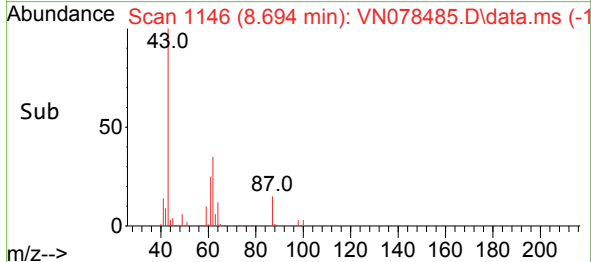
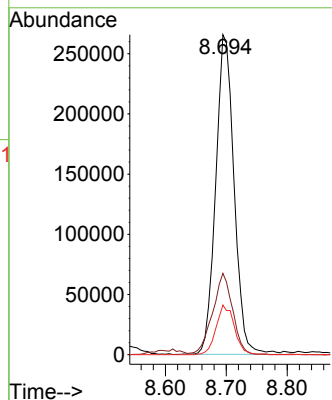
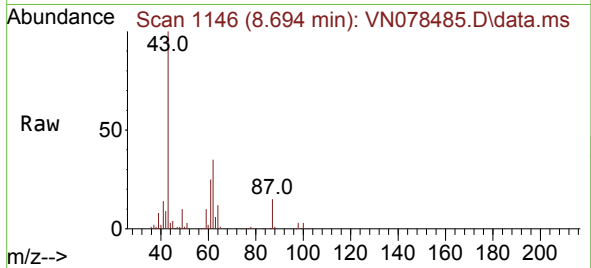




#43
Isopropyl Acetate
Concen: 68.095 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

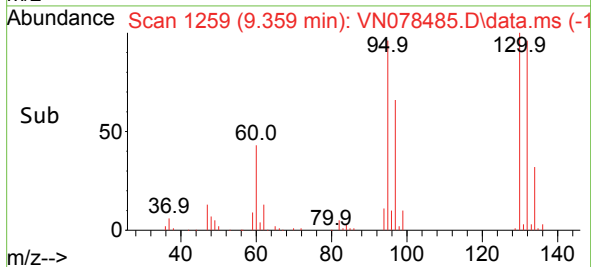
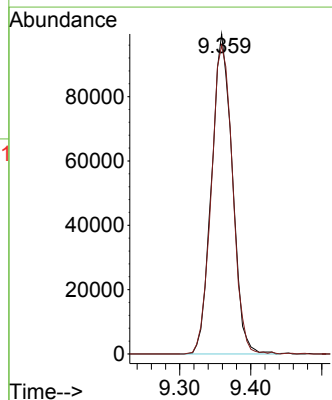
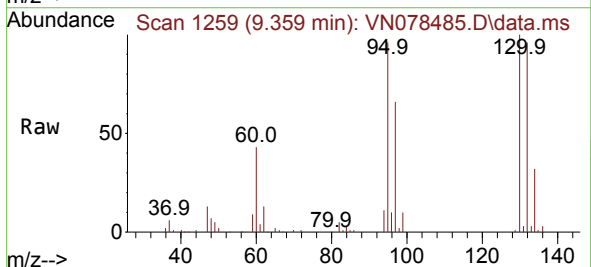
Instrument :
MSVOA_N
ClientSampleId :
IBLK

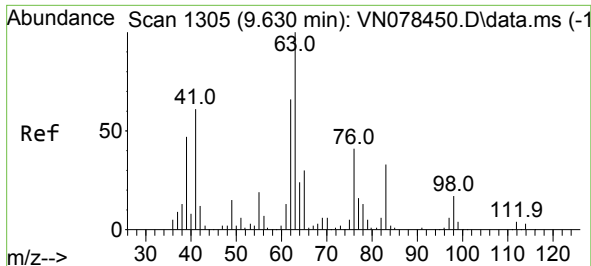
Tgt Ion: 43 Resp: 557130
Ion Ratio Lower Upper
43 100
61 27.6 24.7 37.1
87 15.5 14.6 21.8



#44
Trichloroethene
Concen: 42.279 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion:130 Resp: 201244
Ion Ratio Lower Upper
130 100
95 96.4 0.0 204.6

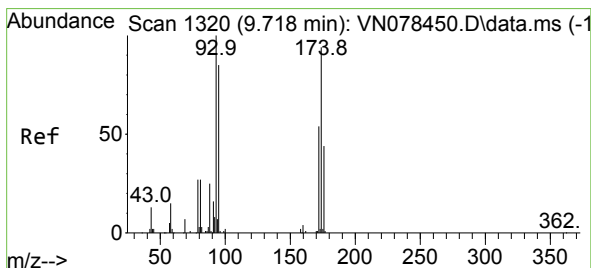
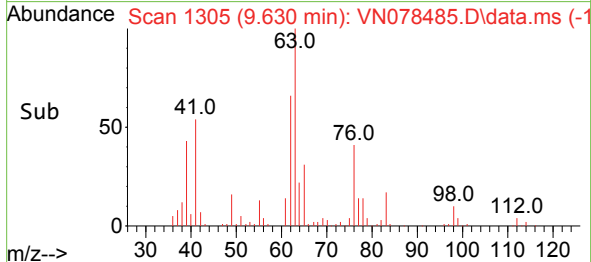
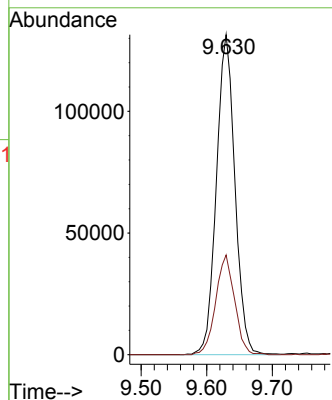
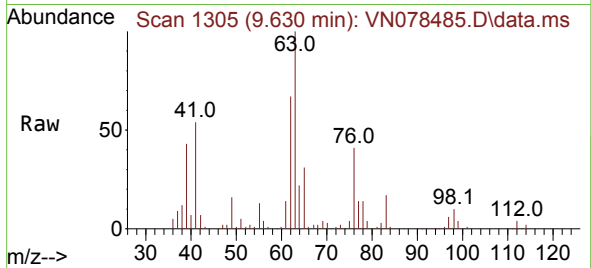




#45
1,2-Dichloropropane
Concen: 57.546 ug/l
RT: 9.630 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

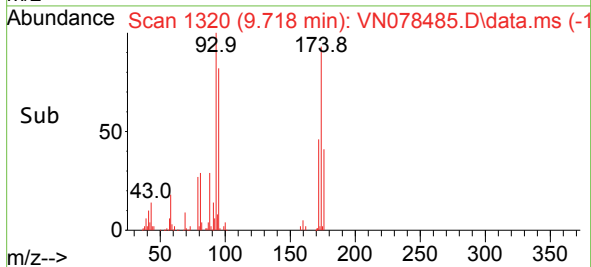
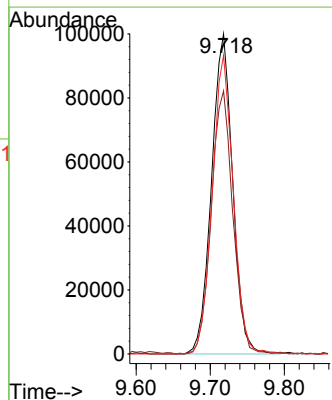
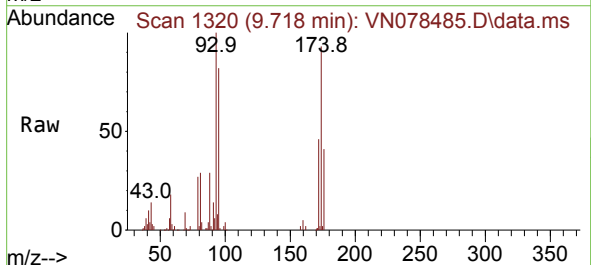
Instrument :
MSVOA_N
ClientSampleId :
IBLK

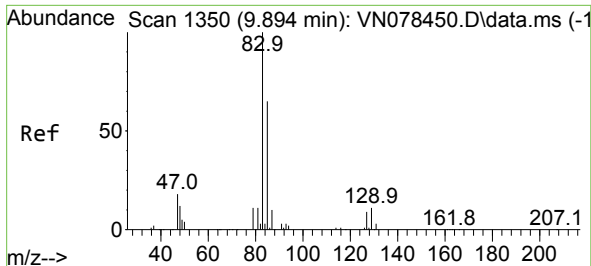
Tgt Ion: 63 Resp: 257404
Ion Ratio Lower Upper
63 100
65 31.2 23.9 35.9



#46
Dibromomethane
Concen: 63.046 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 93 Resp: 198485
Ion Ratio Lower Upper
93 100
95 83.6 63.8 95.8
174 92.6 65.6 98.4

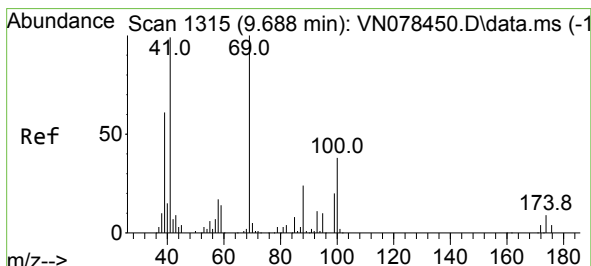
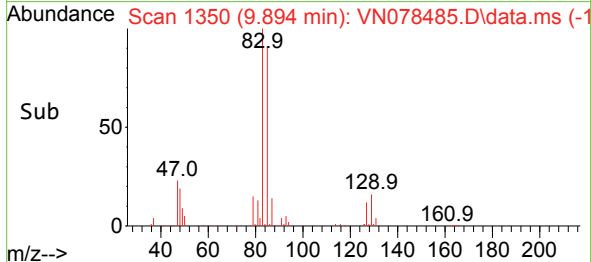
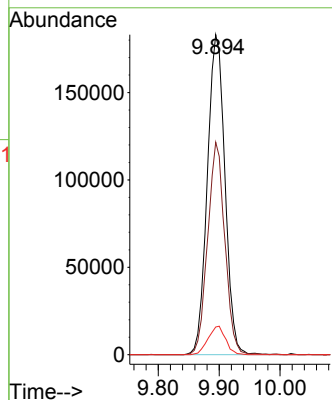
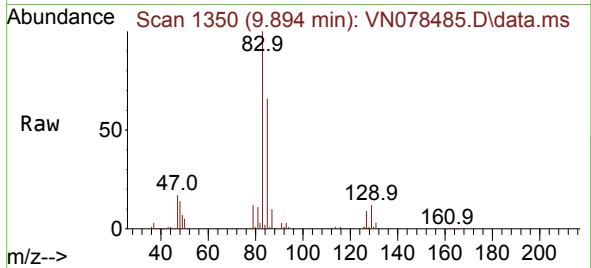




#47
Bromodichloromethane
Concen: 58.295 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

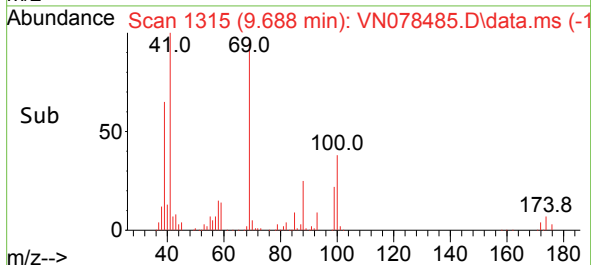
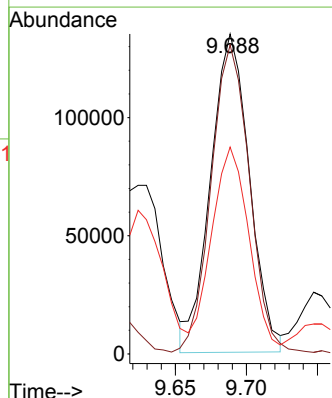
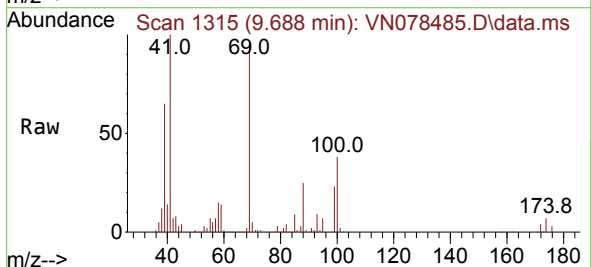
Instrument :
MSVOA_N
ClientSampleId :
IBLK

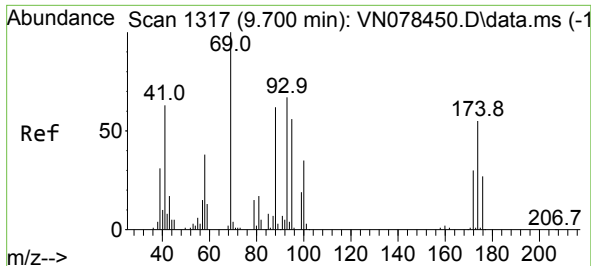
Tgt Ion: 83 Resp: 367896
Ion Ratio Lower Upper
83 100
85 66.4 49.6 74.4
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 67.583 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 41 Resp: 256170
Ion Ratio Lower Upper
41 100
69 95.2 90.4 135.6
39 62.7 54.6 81.8





#49

1,4-Dioxane

Concen: 1389.481 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

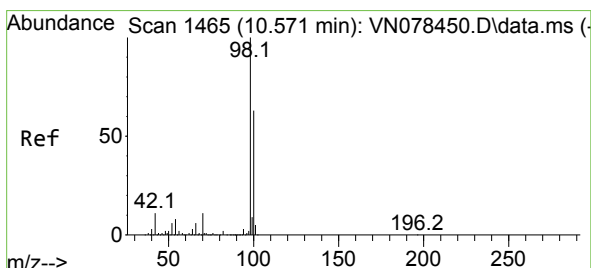
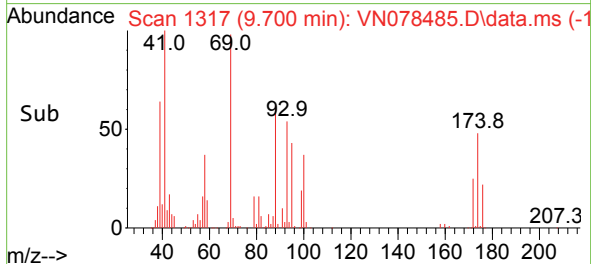
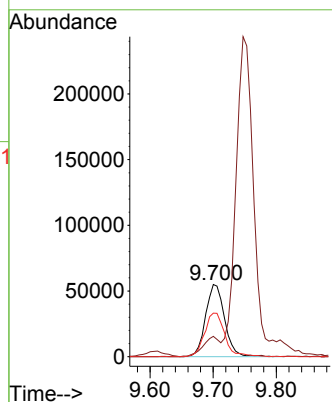
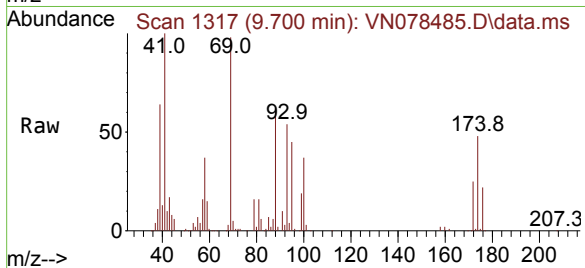
Tgt Ion: 88 Resp: 114858

Ion Ratio Lower Upper

88 100

43 24.7 17.0 25.6

58 64.4 47.0 70.4



#50

Toluene-d8

Concen: 46.672 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078485.D

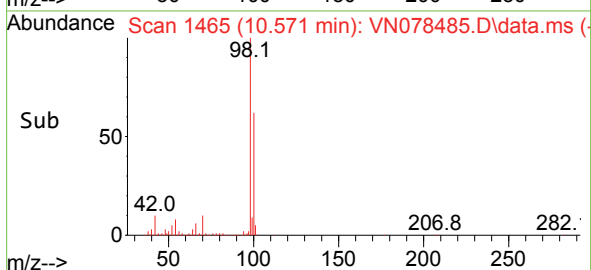
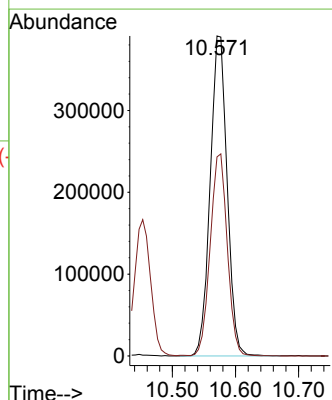
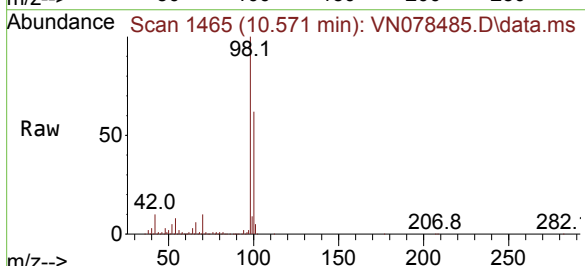
Acq: 12 Jul 2023 18:22

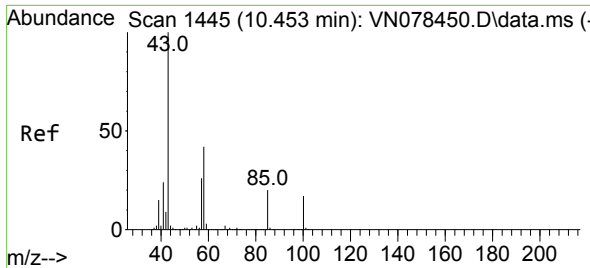
Tgt Ion: 98 Resp: 727930

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0

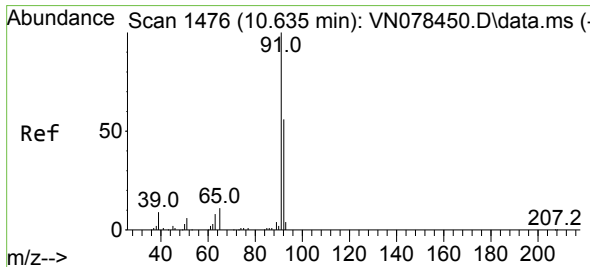
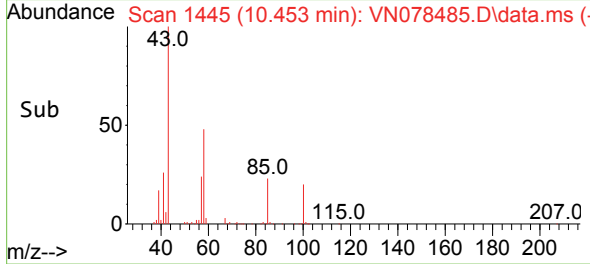
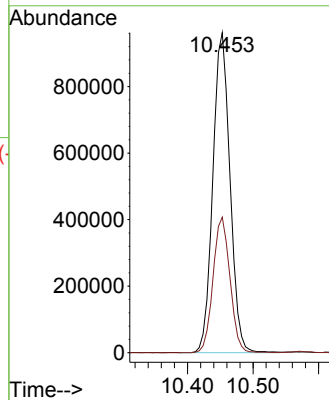
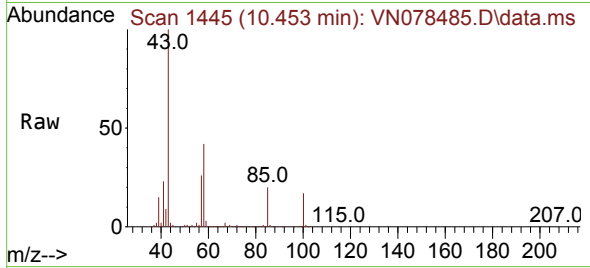




#51
4-Methyl-2-Pentanone
Concen: 358.416 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

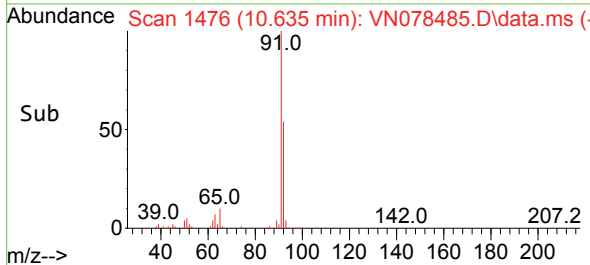
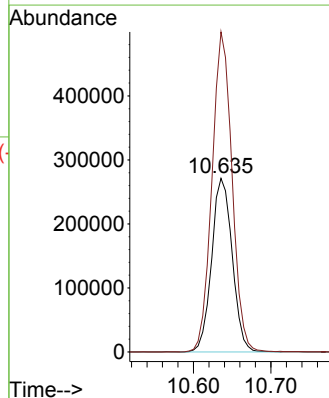
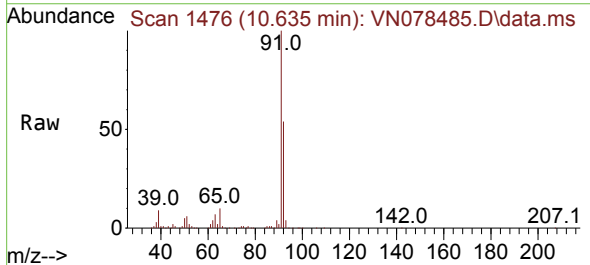
Instrument :
MSVOA_N
ClientSampleId :
IBLK

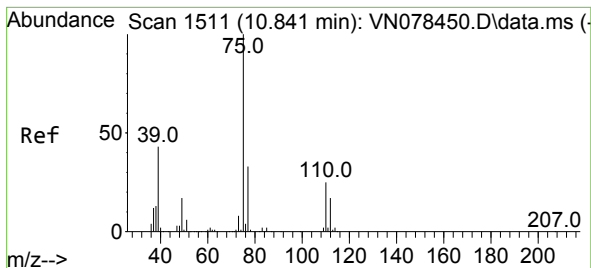
Tgt Ion: 43 Resp: 1744233
Ion Ratio Lower Upper
43 100
58 41.8 36.6 54.8



#52
Toluene
Concen: 45.747 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 92 Resp: 500740
Ion Ratio Lower Upper
92 100
91 179.9 137.4 206.0

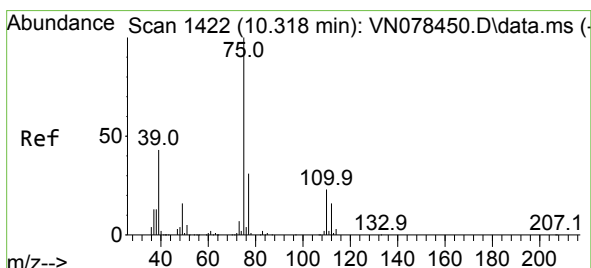
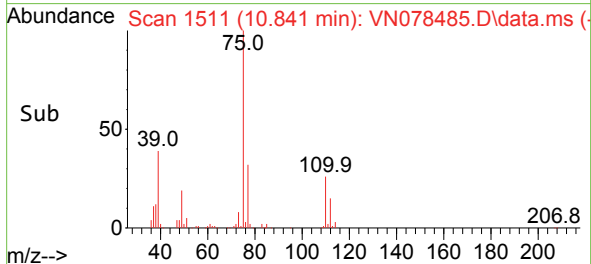
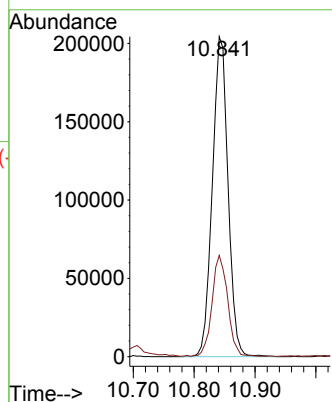
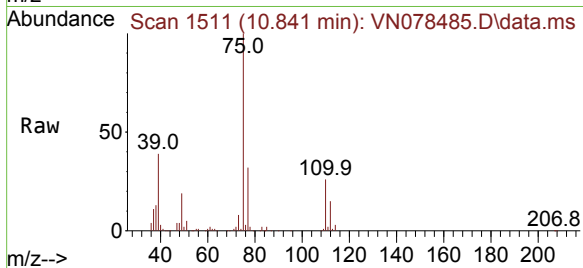




#53
 t-1,3-Dichloropropene
 Concen: 56.376 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078485.D
 Acq: 12 Jul 2023 18:22

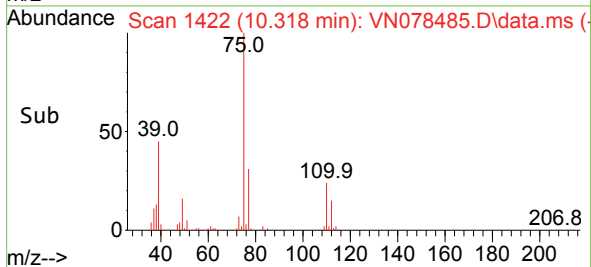
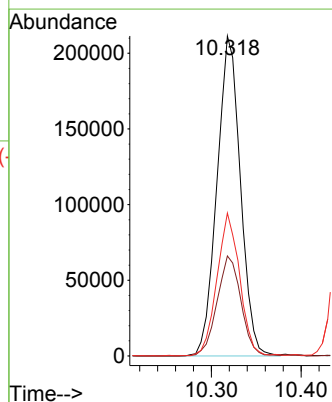
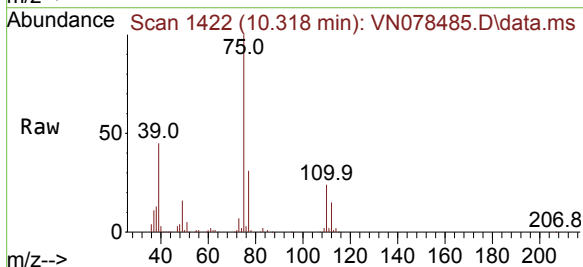
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

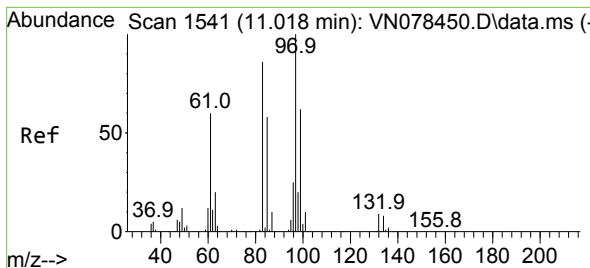
Tgt Ion: 75 Resp: 364485
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 55.607 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078485.D
 Acq: 12 Jul 2023 18:22

Tgt Ion: 75 Resp: 383223
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.1 39.1
 39 44.5 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 63.119 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion: 97 Resp: 272205

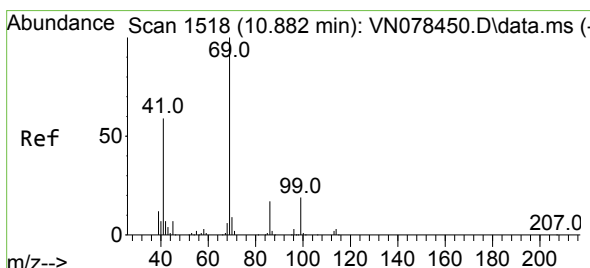
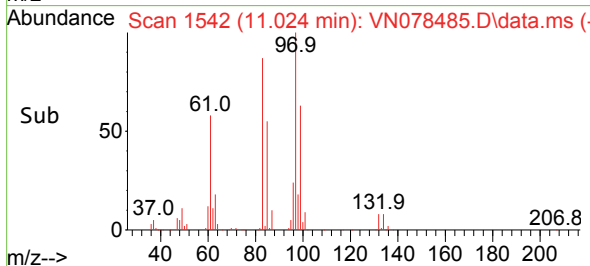
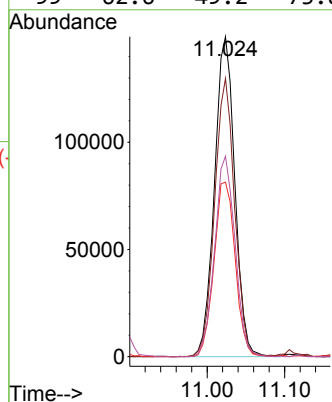
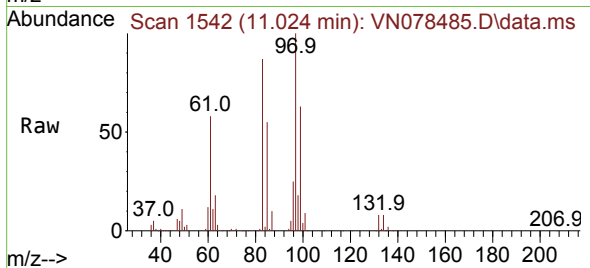
Ion Ratio Lower Upper

97 100

83 86.8 65.1 97.7

85 54.6 43.4 65.2

99 62.6 49.2 73.8



#56

Ethyl methacrylate

Concen: 66.675 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

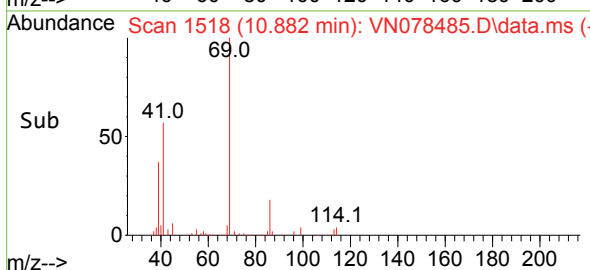
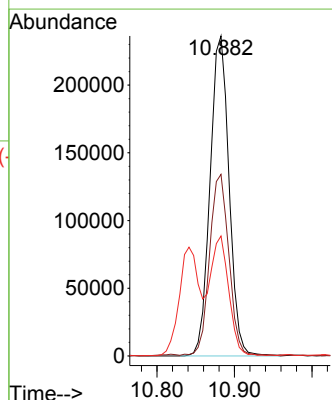
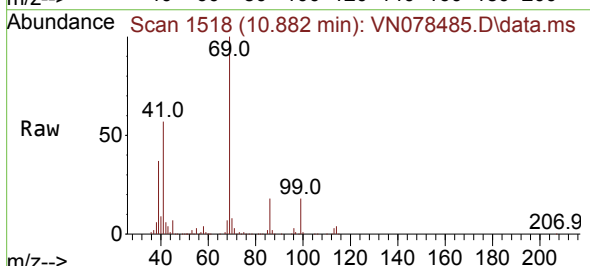
Tgt Ion: 69 Resp: 401953

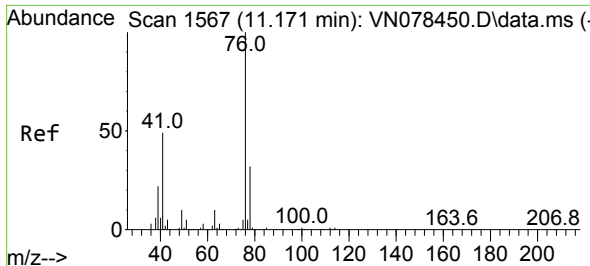
Ion Ratio Lower Upper

69 100

41 57.3 39.6 59.4

39 36.9 28.6 43.0

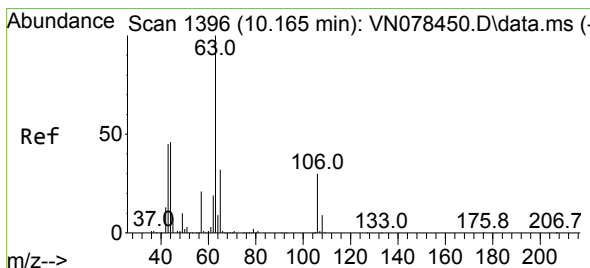
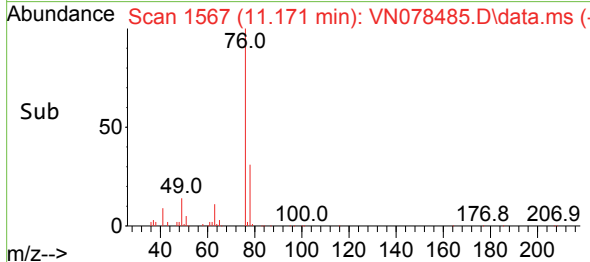
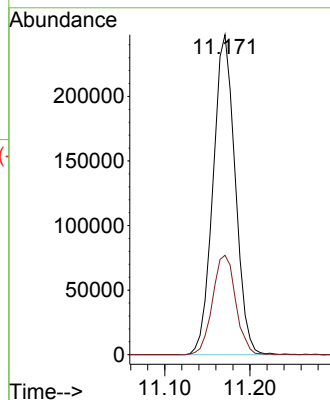
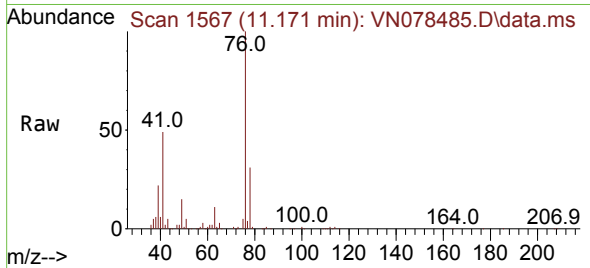




#57
1,3-Dichloropropane
Concen: 60.887 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

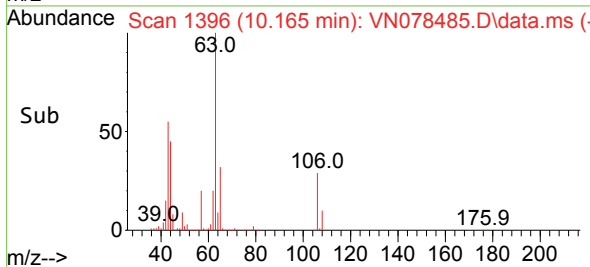
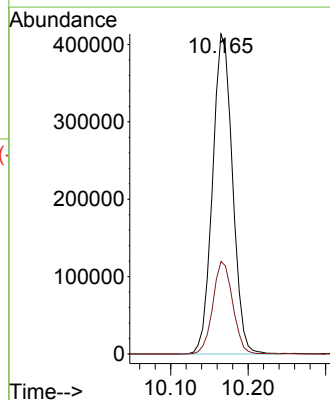
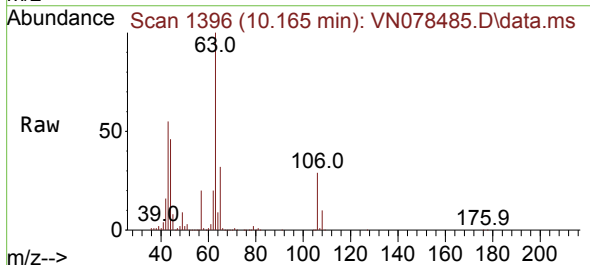
Instrument :
MSVOA_N
ClientSampleId :
IBLK

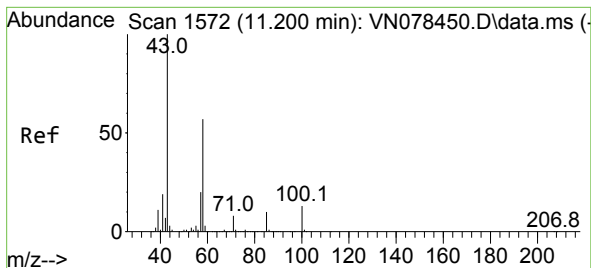
Tgt Ion: 76 Resp: 446471
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 344.213 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 63 Resp: 739509
Ion Ratio Lower Upper
63 100
106 28.8 26.2 39.4

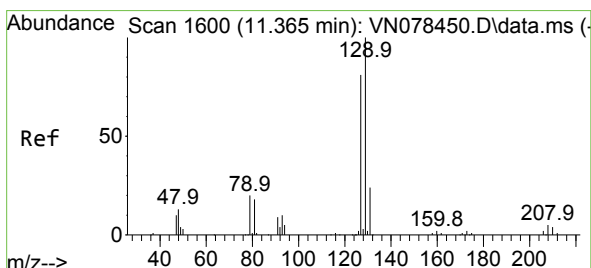
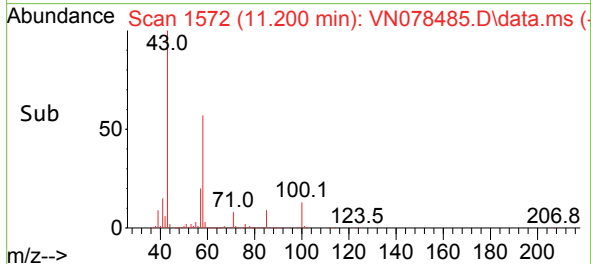
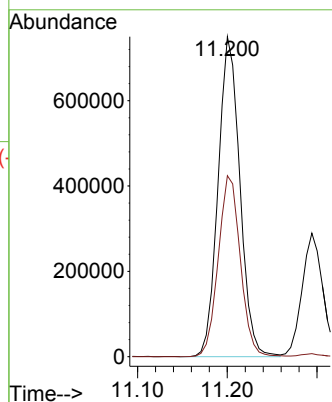
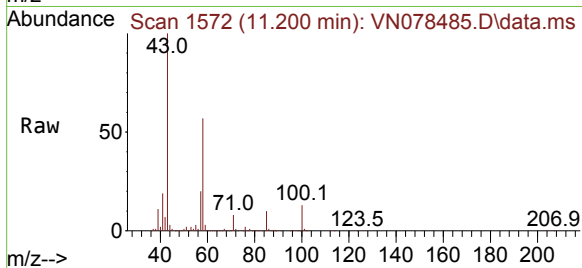




#59
2-Hexanone
Concen: 364.838 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

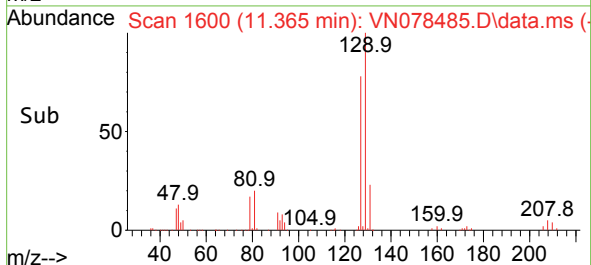
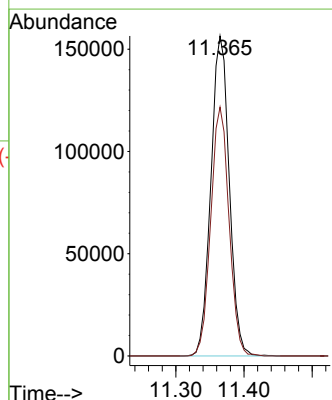
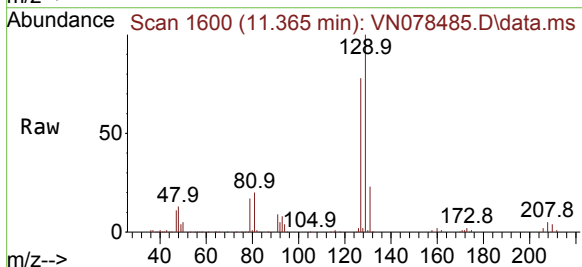
Instrument :
MSVOA_N
ClientSampleId :
IBLK

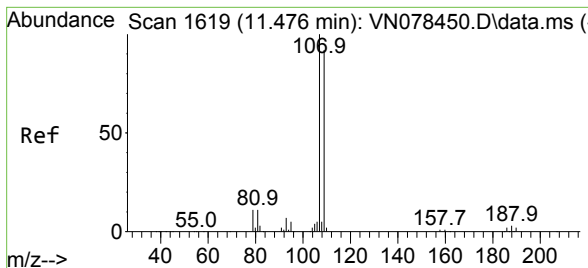
Tgt Ion: 43 Resp: 1261856
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1



#60
Dibromochloromethane
Concen: 61.673 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 129 Resp: 293626
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

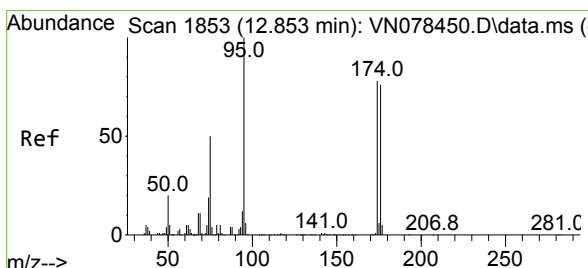
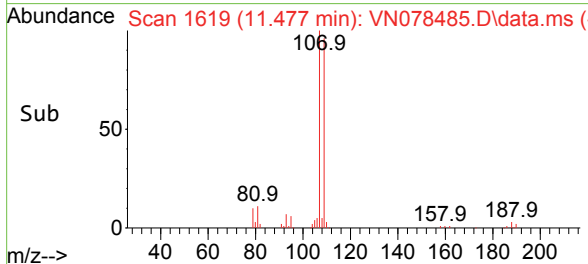
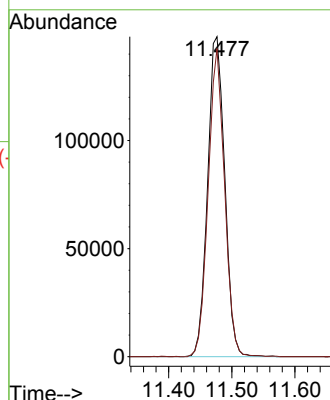
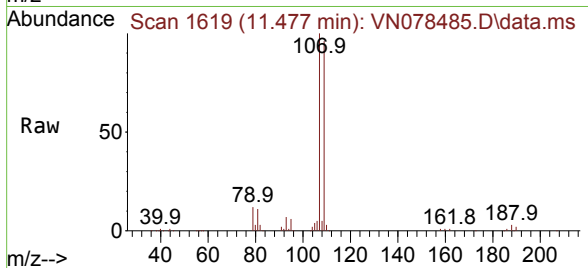




#61
1,2-Dibromoethane
Concen: 62.761 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

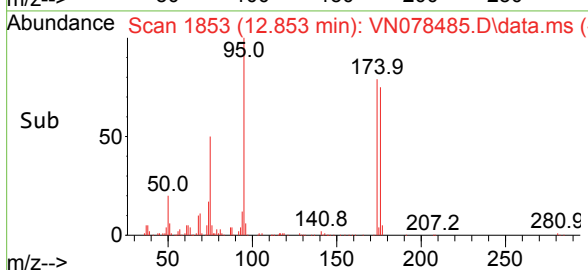
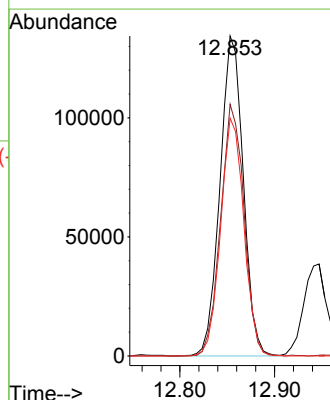
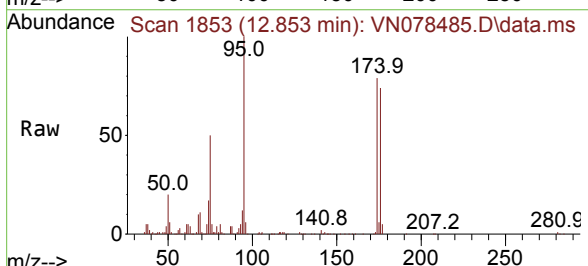
Instrument :
MSVOA_N
ClientSampleId :
IBLK

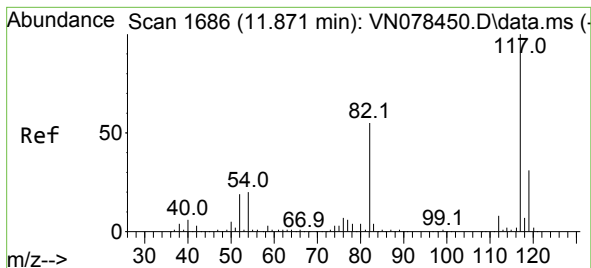
Tgt Ion:107 Resp: 278819
Ion Ratio Lower Upper
107 100
109 92.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 47.769 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 95 Resp: 229485
Ion Ratio Lower Upper
95 100
174 78.9 0.0 143.8
176 74.2 0.0 135.8

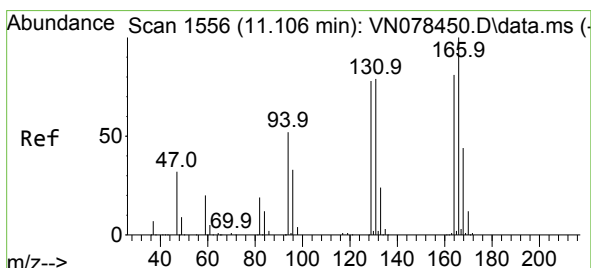
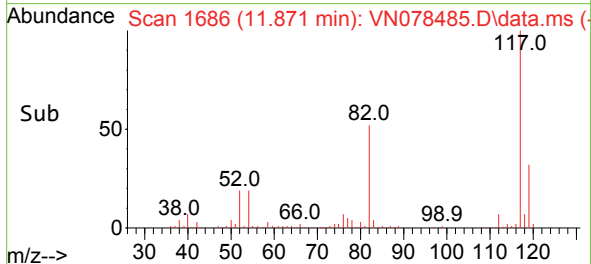
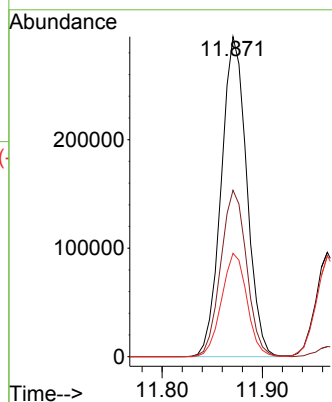
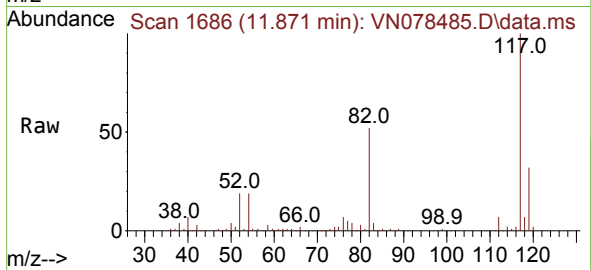




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

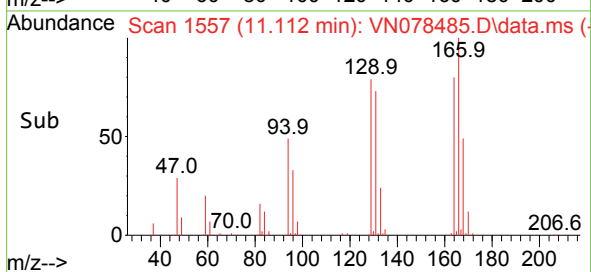
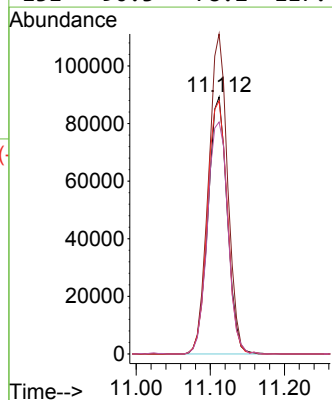
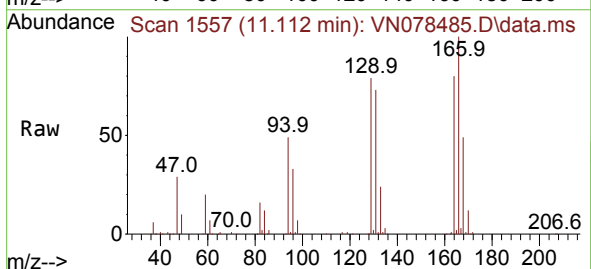
Instrument :
MSVOA_N
ClientSampleId :
IBLK

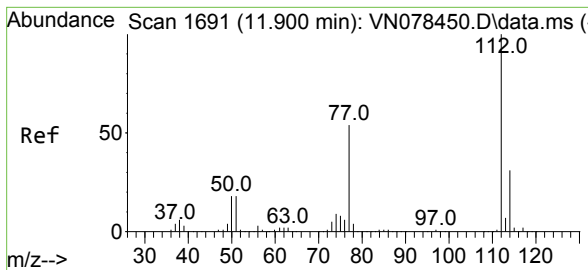
Tgt Ion:117 Resp: 521286
Ion Ratio Lower Upper
117 100
82 52.0 44.0 66.0
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 41.081 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion:164 Resp: 161005
Ion Ratio Lower Upper
164 100
166 124.5 101.4 152.0
129 98.5 82.4 123.6
131 90.3 78.2 117.4

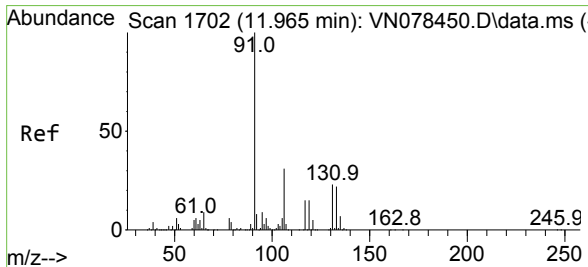
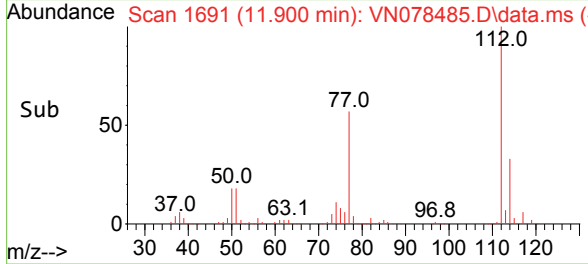
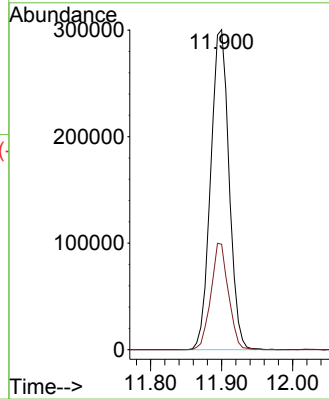
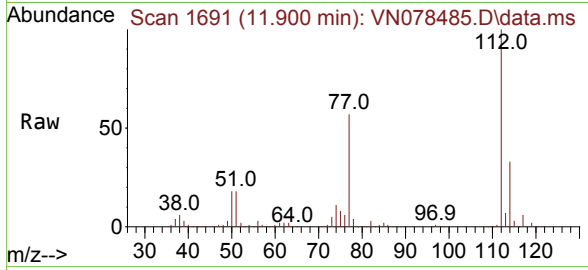




#65
Chlorobenzene
Concen: 46.404 ug/l
RT: 11.900 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

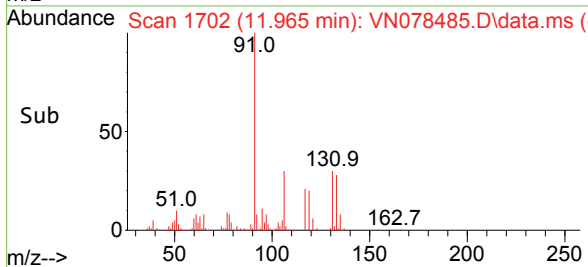
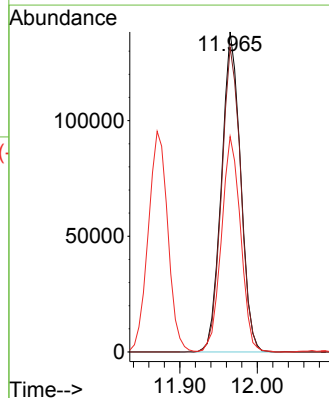
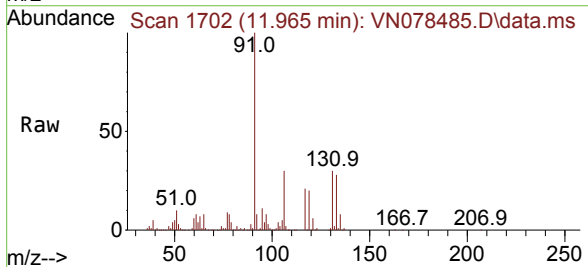
Instrument :
MSVOA_N
ClientSampleId :
IBLK

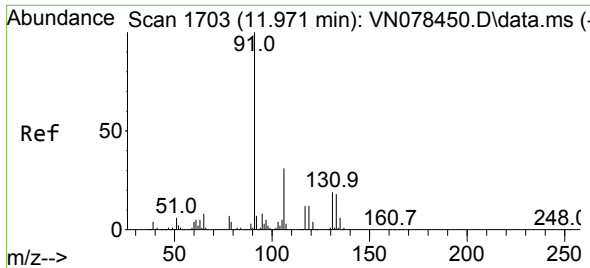
Tgt Ion:112 Resp: 540698
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.955 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion:131 Resp: 237372
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 67.3 34.1 102.2

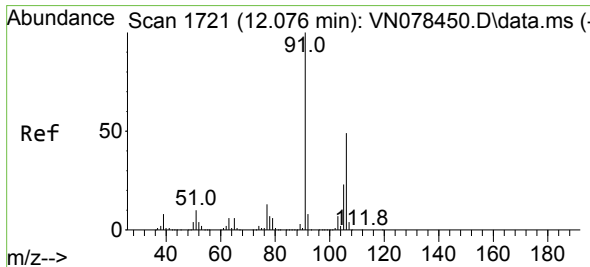
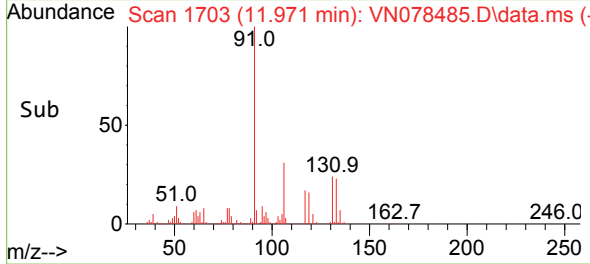
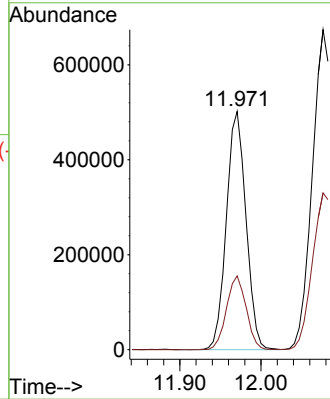
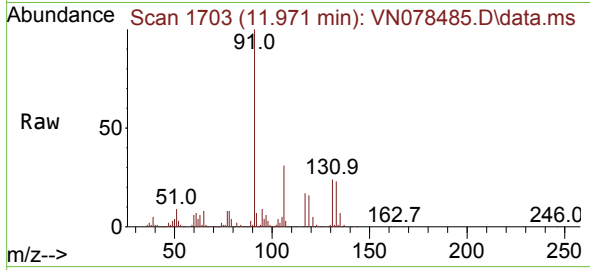




#67
Ethyl Benzene
Concen: 42.801 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

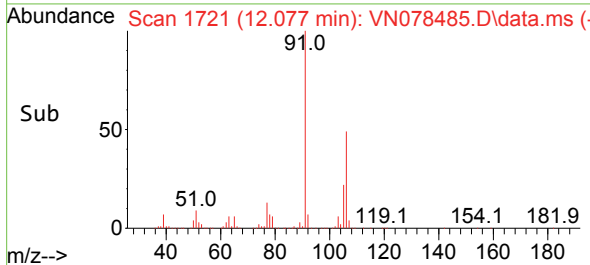
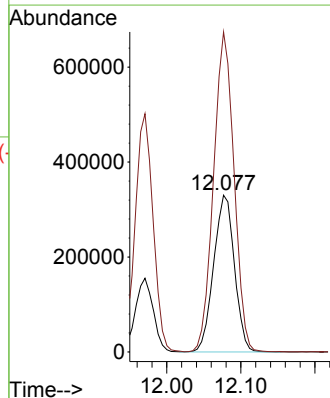
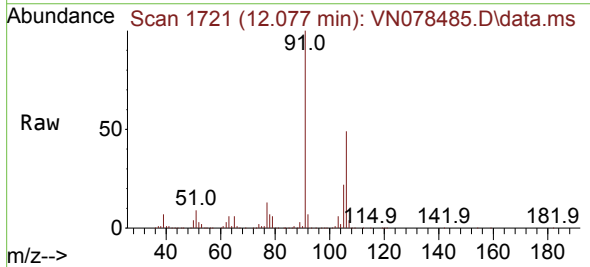
Instrument :
MSVOA_N
ClientSampleId :
IBLK

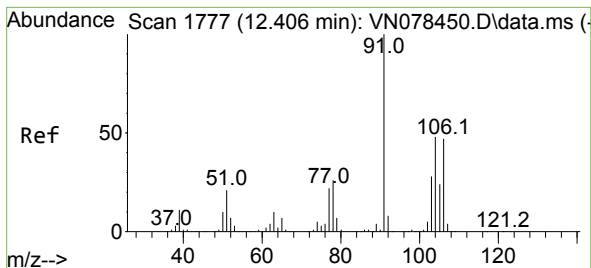
Tgt Ion: 91 Resp: 842994
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4



#68
m/p-Xylenes
Concen: 88.344 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion:106 Resp: 643329
Ion Ratio Lower Upper
106 100
91 200.8 159.6 239.4

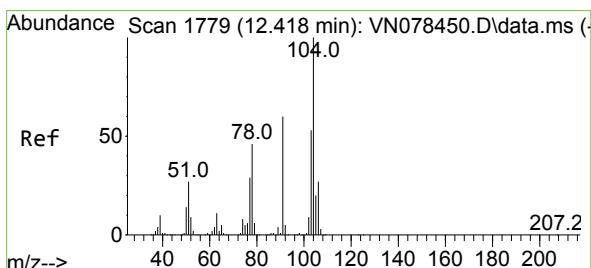
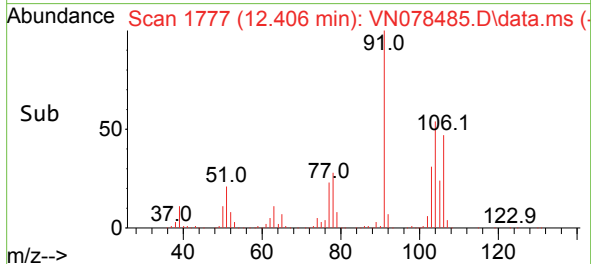
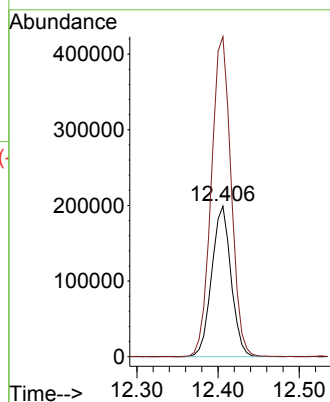
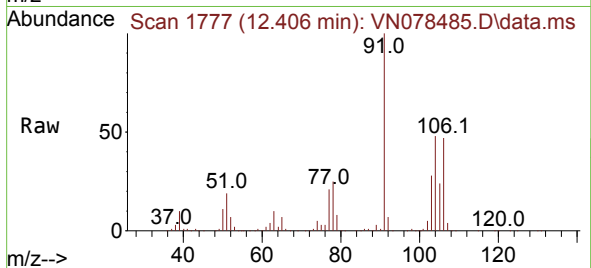




#69
o-Xylene
Concen: 44.732 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

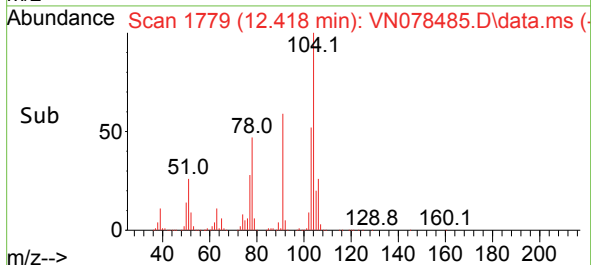
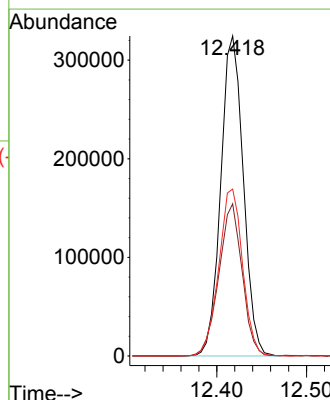
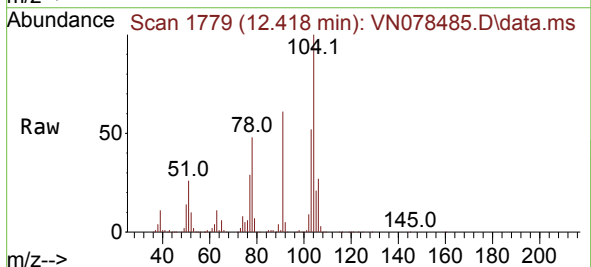
Instrument :
MSVOA_N
ClientSampleId :
IBLK

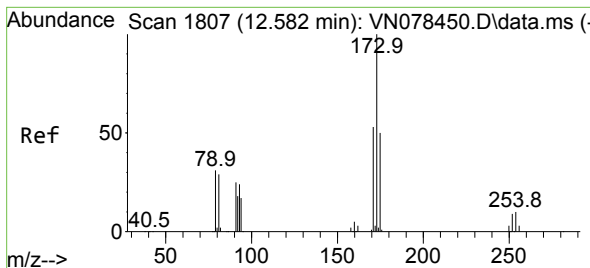
Tgt Ion:106 Resp: 329018
Ion Ratio Lower Upper
106 100
91 217.9 105.2 315.5



#70
Styrene
Concen: 49.208 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion:104 Resp: 566236
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 55.2 43.2 64.8





#71

Bromoform

Concen: 66.225 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

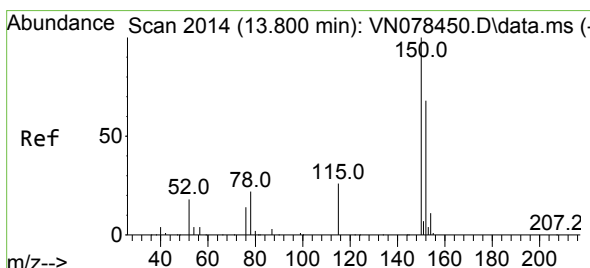
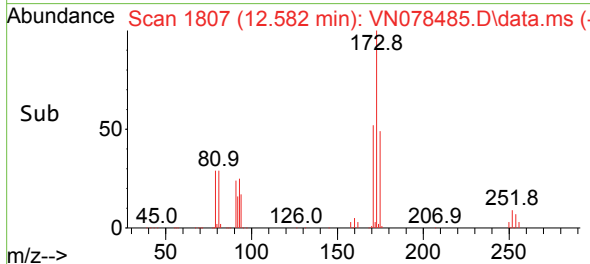
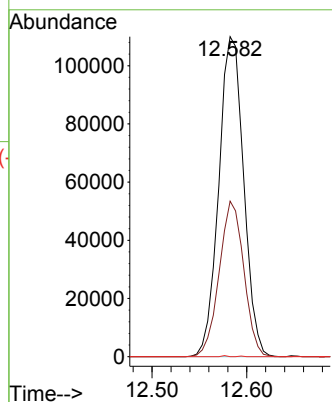
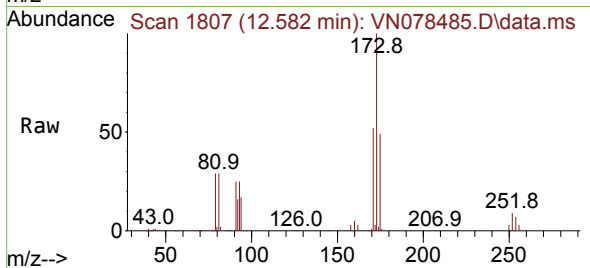
Tgt Ion:173 Resp: 201047

Ion Ratio Lower Upper

173 100

175 48.0 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. -0.006 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

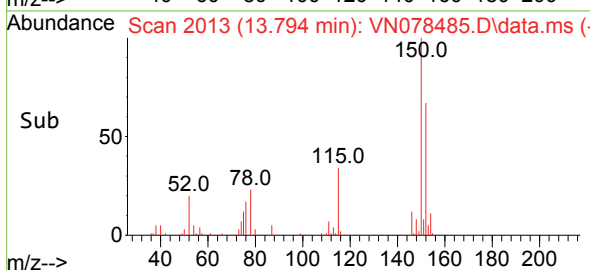
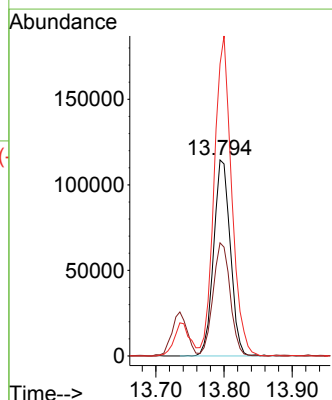
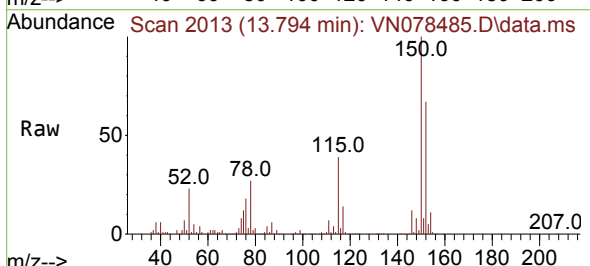
Tgt Ion:152 Resp: 194979

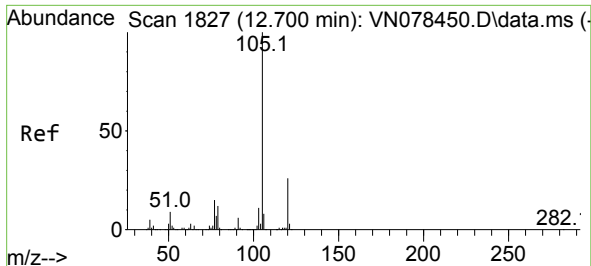
Ion Ratio Lower Upper

152 100

115 59.1 32.3 96.8

150 171.3 0.0 355.8

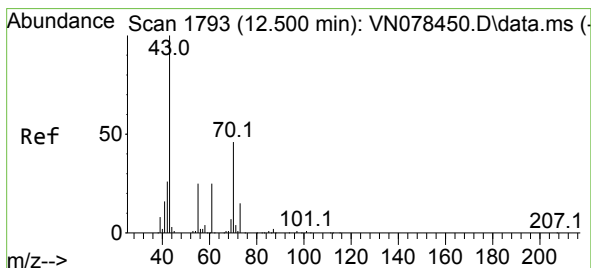
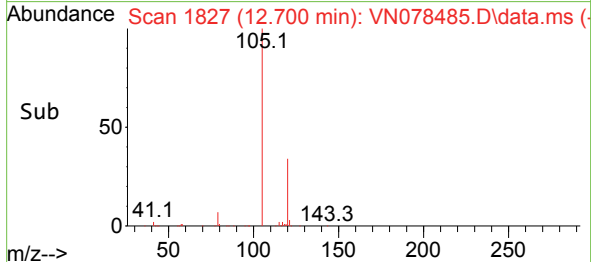
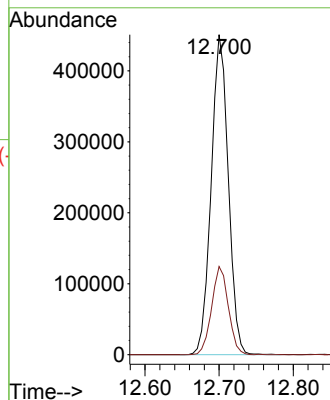
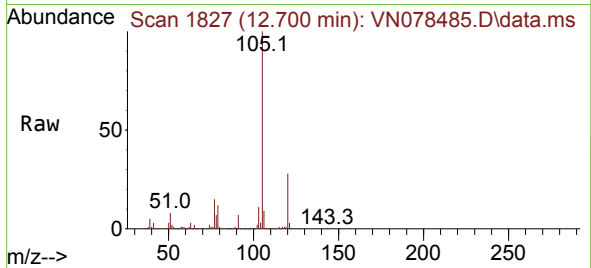




#73
Isopropylbenzene
Concen: 39.425 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

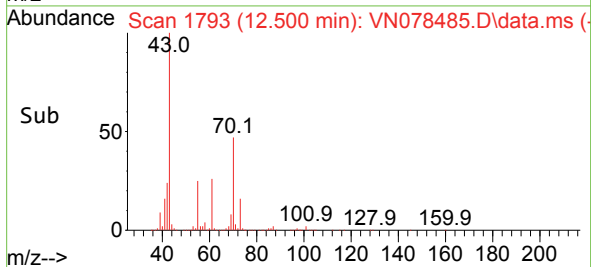
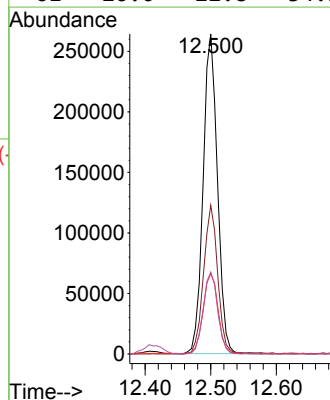
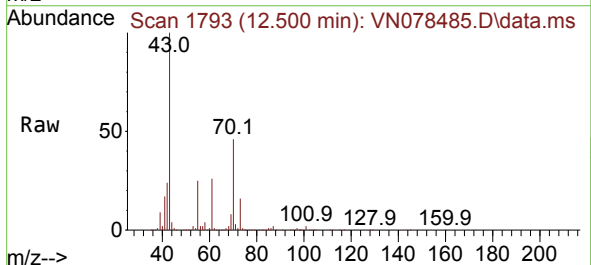
Instrument :
MSVOA_N
ClientSampleId :
IBLK

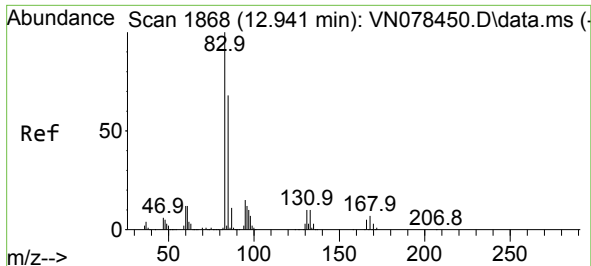
Tgt Ion:105 Resp: 722306
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1



#74
N-ethyl acetate
Concen: 63.644 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 43 Resp: 401837
Ion Ratio Lower Upper
43 100
70 45.8 43.4 65.2
55 26.0 21.4 32.0
61 26.0 22.8 34.2

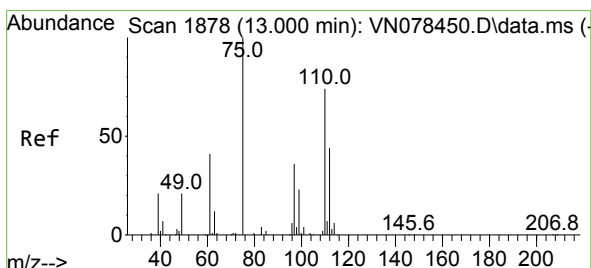
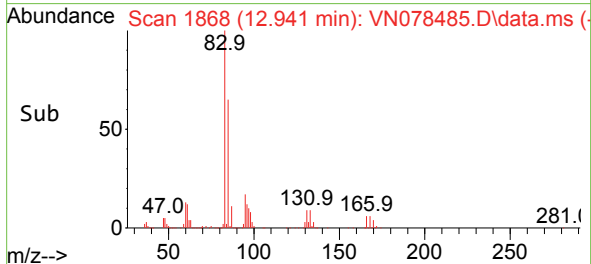
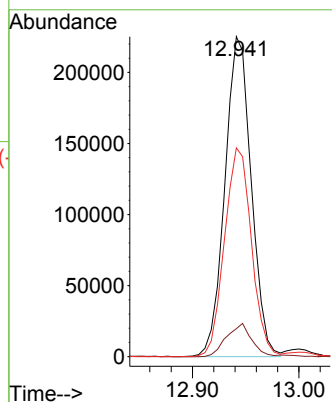
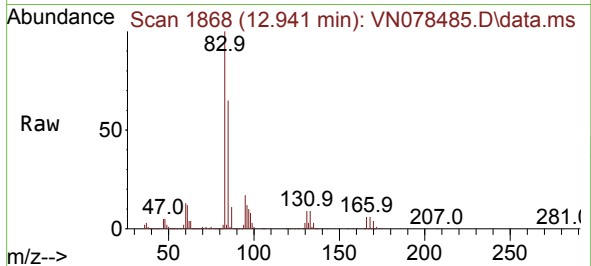




#75
 1,1,2,2-Tetrachloroethane
 Concen: 77.334 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078485.D
 Acq: 12 Jul 2023 18:22

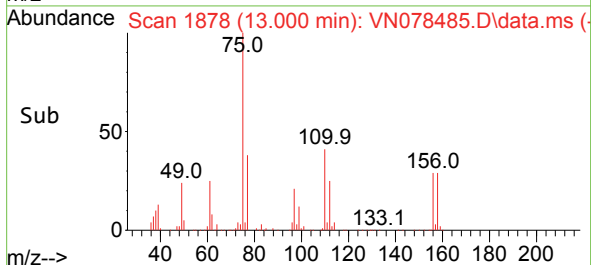
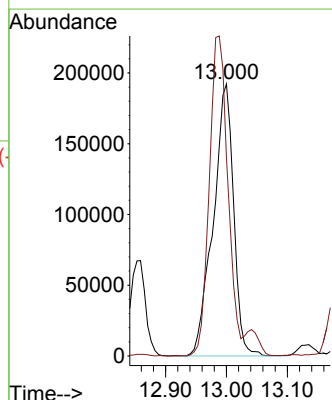
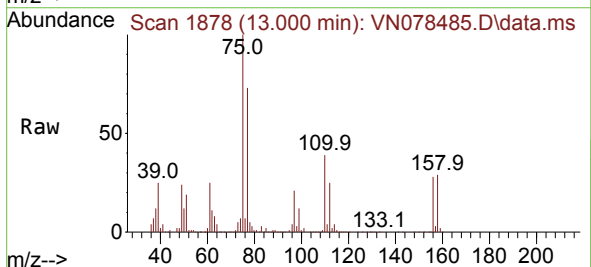
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

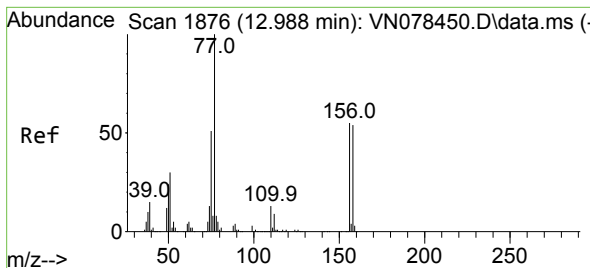
Tgt Ion: 83 Resp: 387065
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.0 15.0
 85 66.7 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 94.858 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN078485.D
 Acq: 12 Jul 2023 18:22

Tgt Ion: 75 Resp: 447056
 Ion Ratio Lower Upper
 75 100
 77 107.7 84.5 253.5





#77

Bromobenzene

Concen: 54.253 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

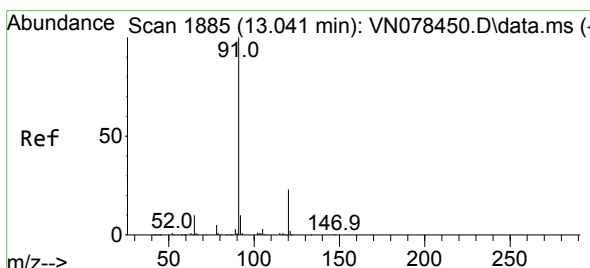
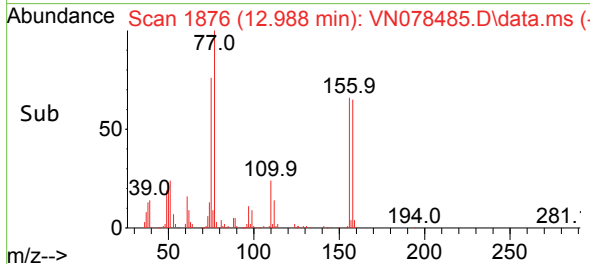
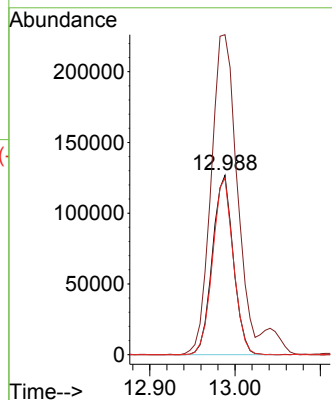
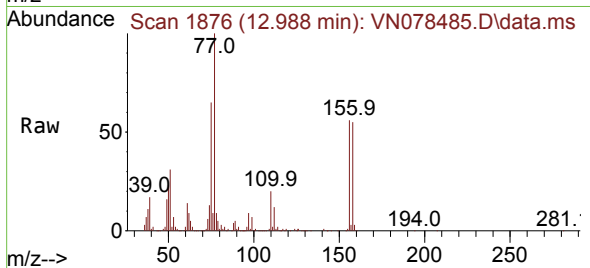
Tgt Ion:156 Resp: 215633

Ion Ratio Lower Upper

156 100

77 223.2 107.7 323.3

158 97.7 48.4 145.3



#78

n-propylbenzene

Concen: 39.794 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078485.D

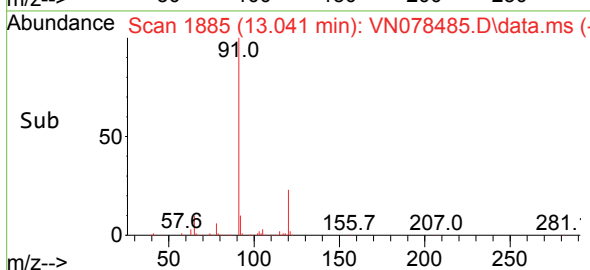
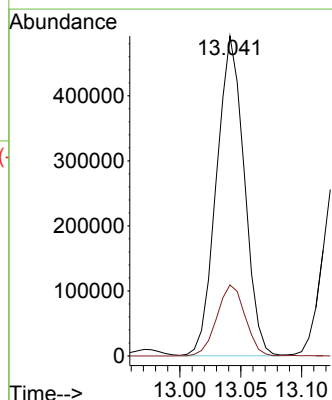
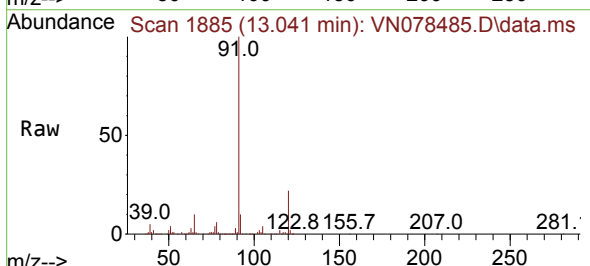
Acq: 12 Jul 2023 18:22

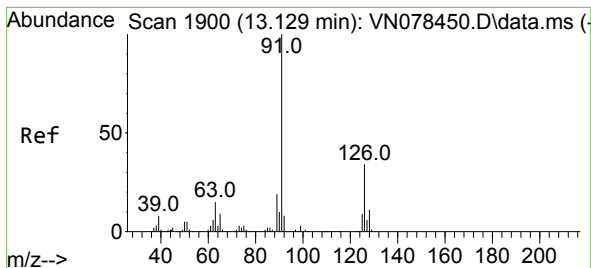
Tgt Ion: 91 Resp: 779693

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 42.087 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

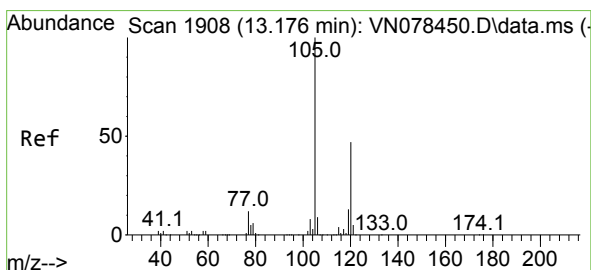
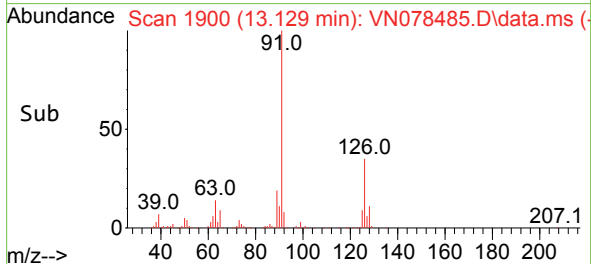
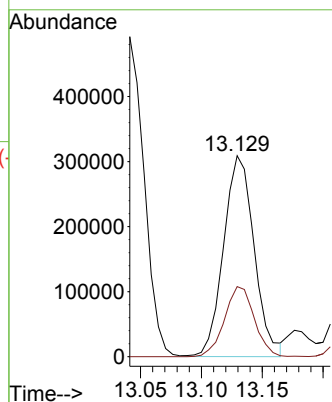
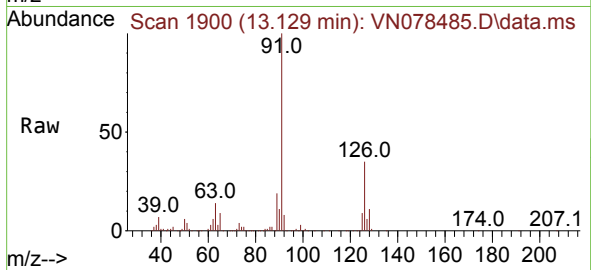
IBLK

Tgt Ion: 91 Resp: 540142

Ion Ratio Lower Upper

91 100

126 34.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 41.262 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078485.D

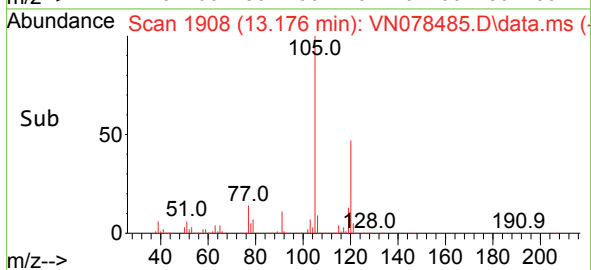
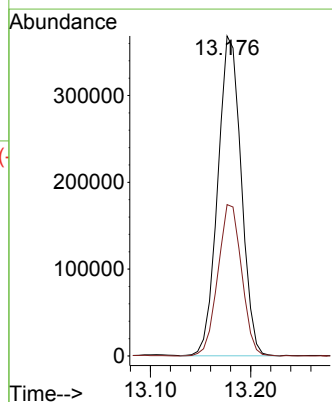
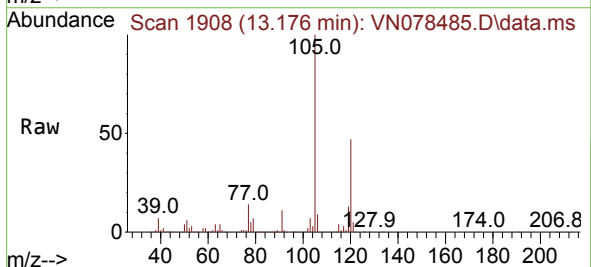
Acq: 12 Jul 2023 18:22

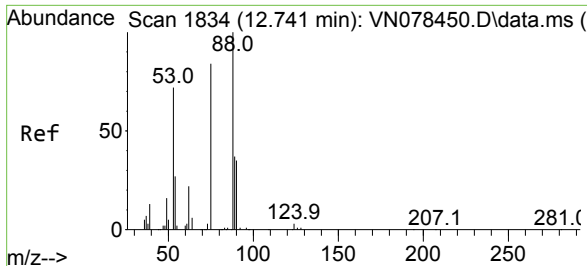
Tgt Ion:105 Resp: 597309

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3

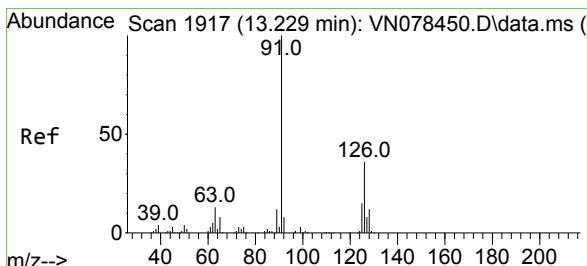
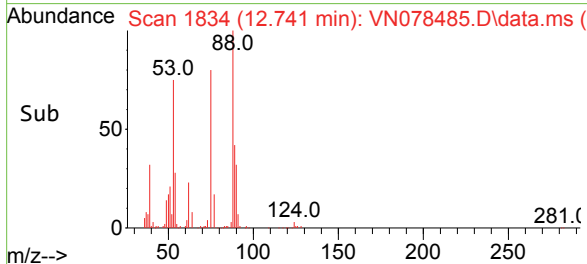
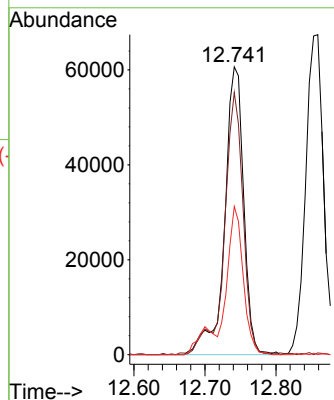
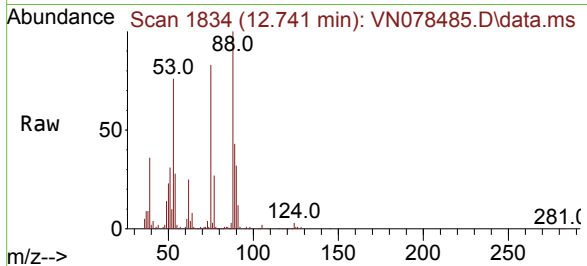




#81
trans-1,4-Dichloro-2-butene
Concen: 63.093 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

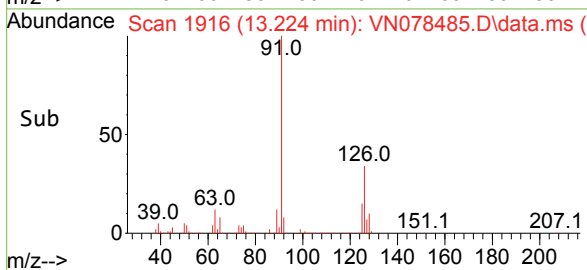
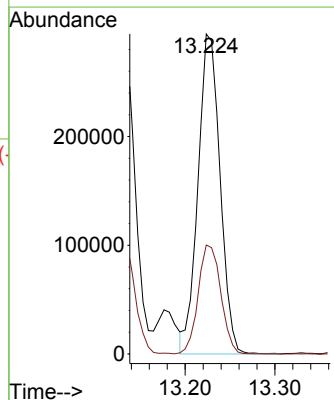
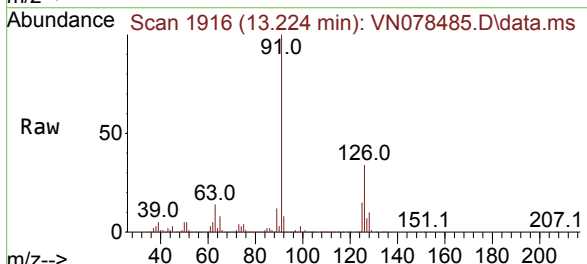
Instrument :
MSVOA_N
ClientSampleId :
IBLK

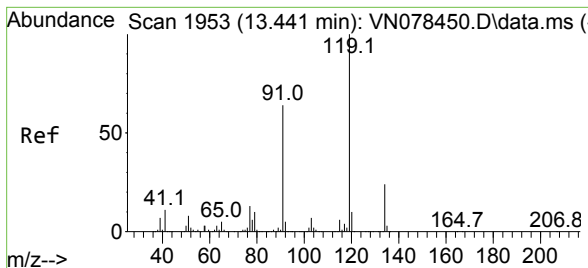
Tgt Ion: 75 Resp: 113154
Ion Ratio Lower Upper
75 100
53 89.3 67.4 101.2
89 42.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 42.011 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. -0.005 min
Lab File: VN078485.D
Acq: 12 Jul 2023 18:22

Tgt Ion: 91 Resp: 502965
Ion Ratio Lower Upper
91 100
126 34.9 16.7 50.0





#83

tert-Butylbenzene

Concen: 39.828 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

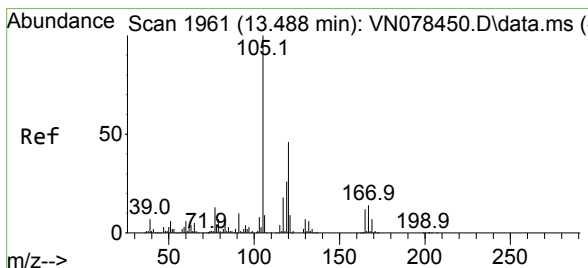
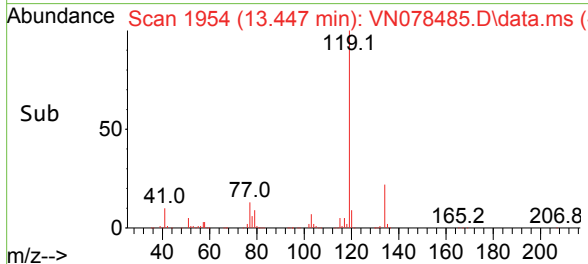
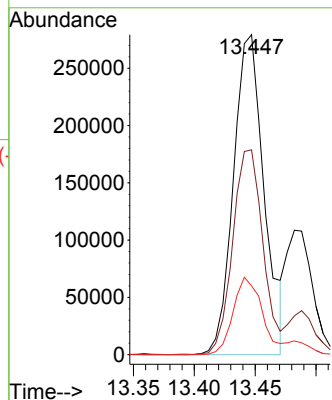
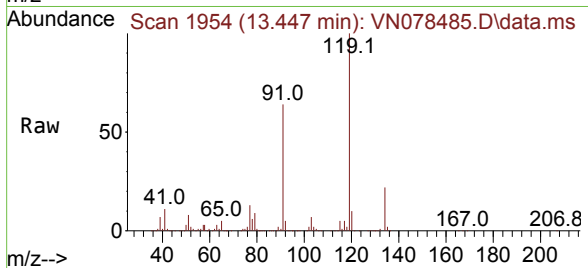
Tgt Ion:119 Resp: 489495

Ion Ratio Lower Upper

119 100

91 63.0 33.9 101.7

134 22.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 43.740 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078485.D

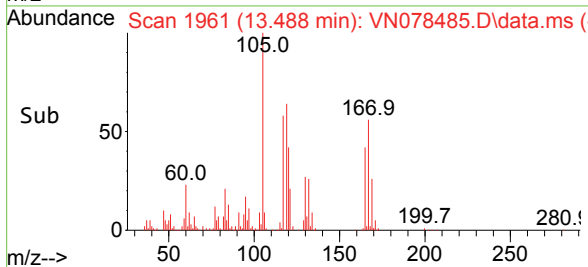
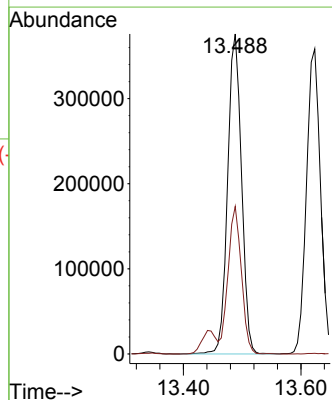
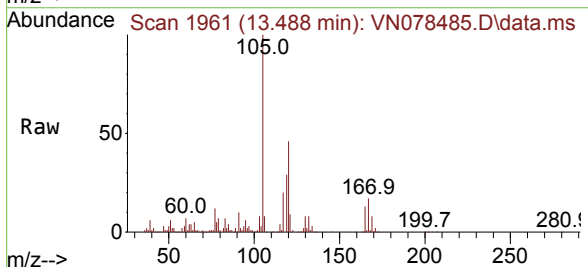
Acq: 12 Jul 2023 18:22

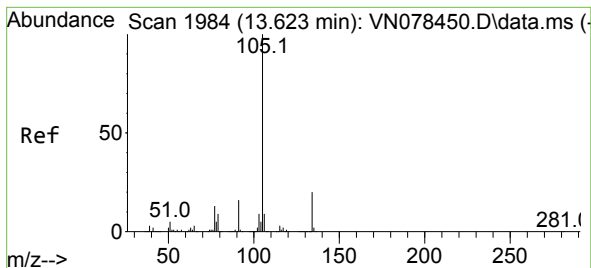
Tgt Ion:105 Resp: 615024

Ion Ratio Lower Upper

105 100

120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 38.082 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

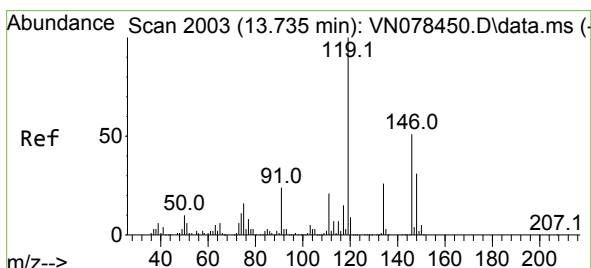
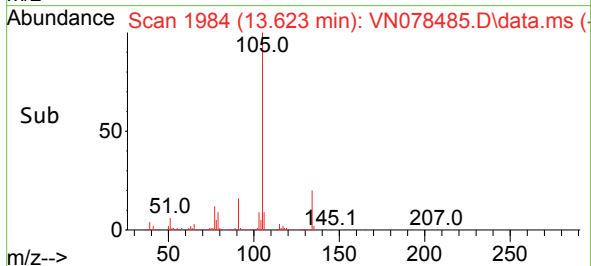
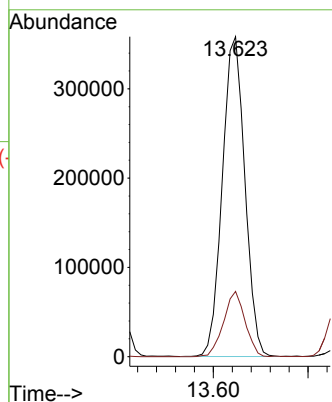
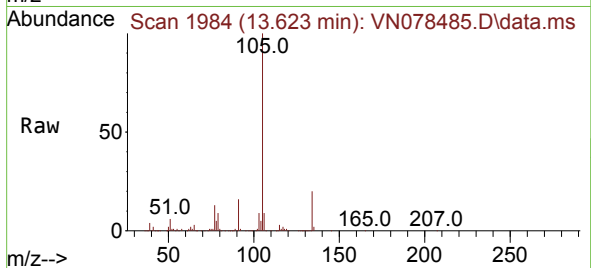
IBLK

Tgt Ion:105 Resp: 591594

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 38.858 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

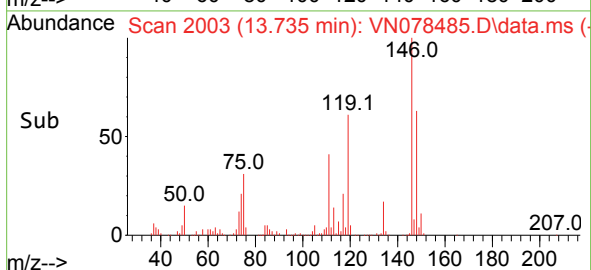
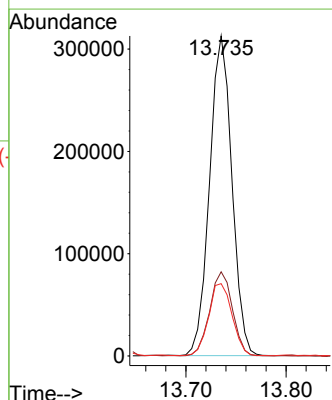
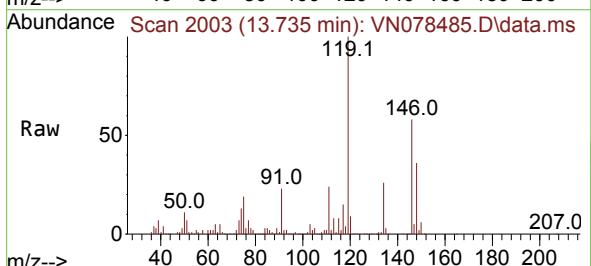
Tgt Ion:119 Resp: 484709

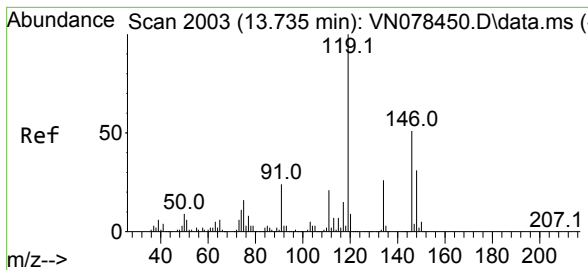
Ion Ratio Lower Upper

119 100

134 26.8 12.6 37.8

91 23.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 45.623 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

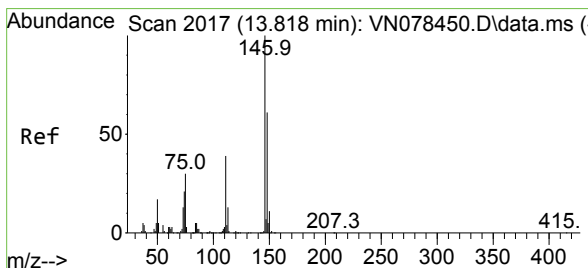
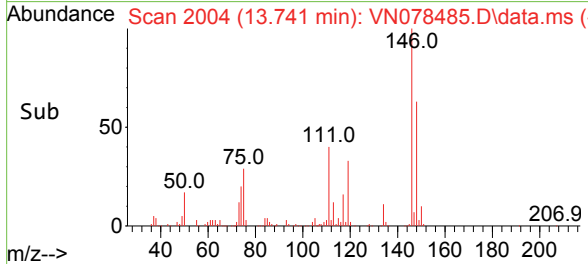
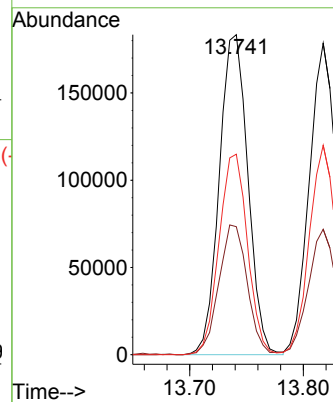
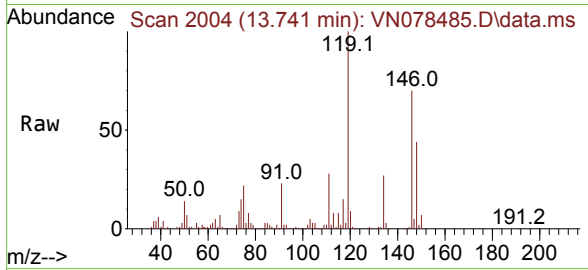
Tgt Ion:146 Resp: 320881

Ion Ratio Lower Upper

146 100

111 40.4 22.1 66.3

148 62.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 42.580 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

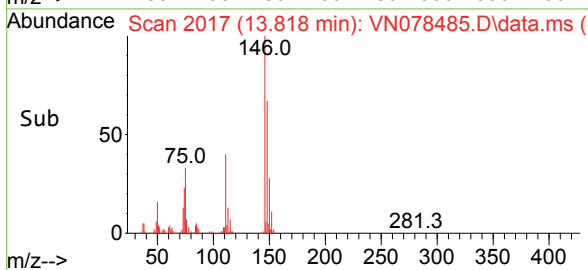
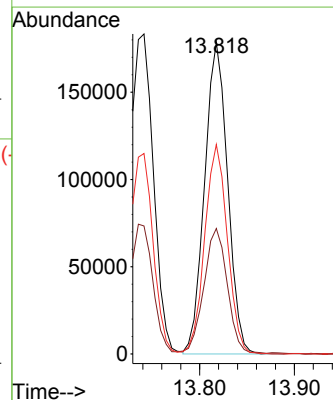
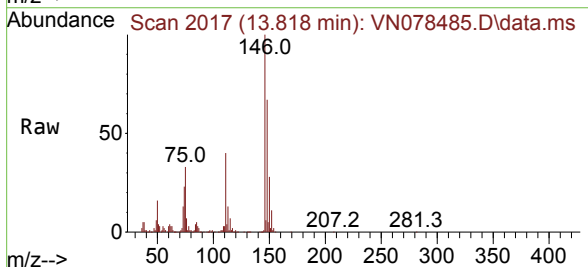
Tgt Ion:146 Resp: 301653

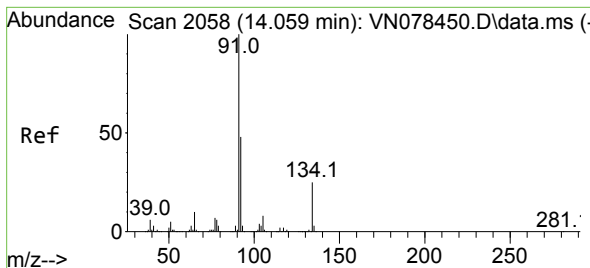
Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.8

148 66.3 31.6 94.8





#89

n-Butylbenzene

Concen: 39.757 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

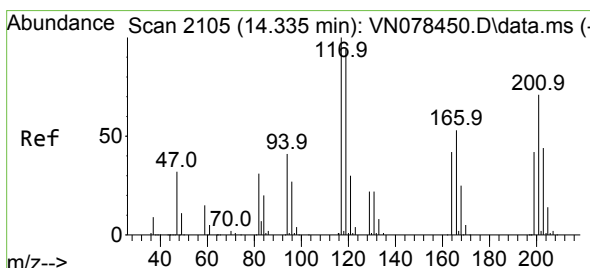
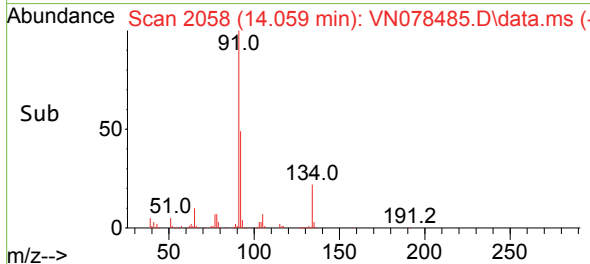
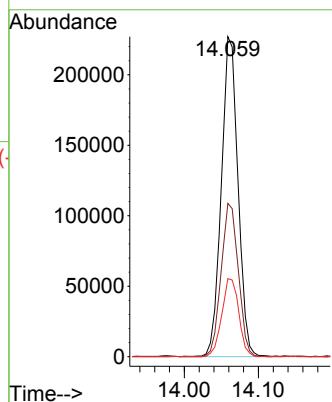
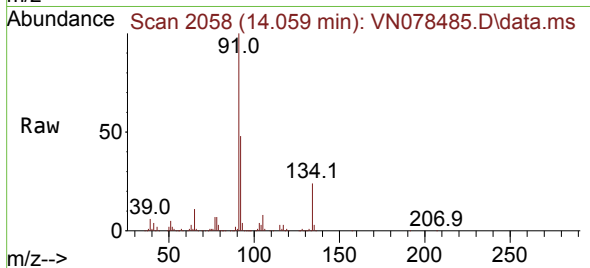
Tgt Ion: 91 Resp: 354835

Ion Ratio Lower Upper

91 100

92 49.4 26.4 79.0

134 24.9 12.6 37.6



#90

Hexachloroethane

Concen: 41.797 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN078485.D

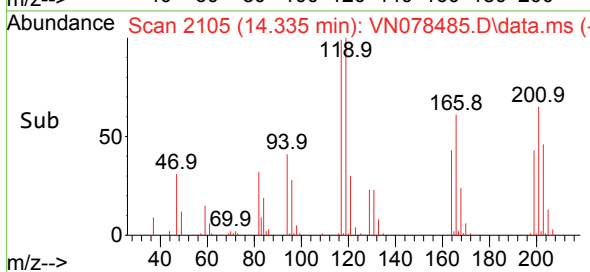
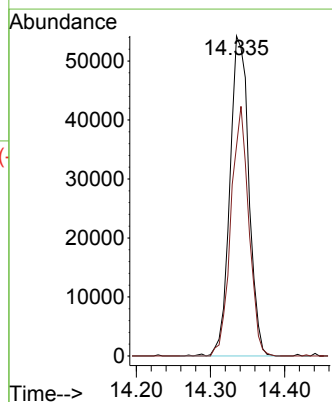
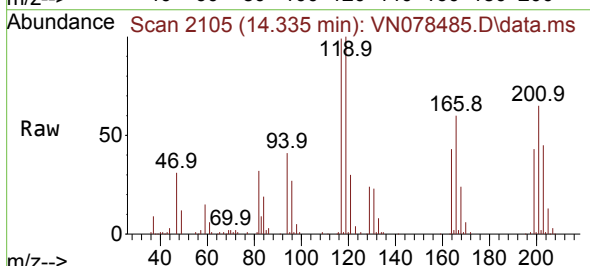
Acq: 12 Jul 2023 18:22

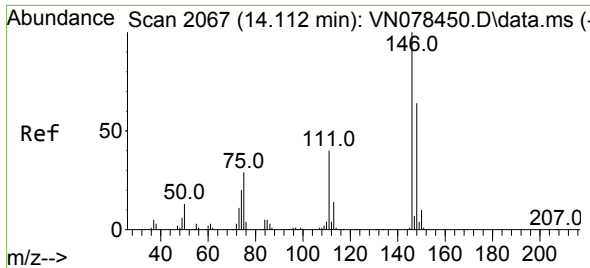
Tgt Ion: 117 Resp: 96134

Ion Ratio Lower Upper

117 100

201 73.6 29.3 88.0

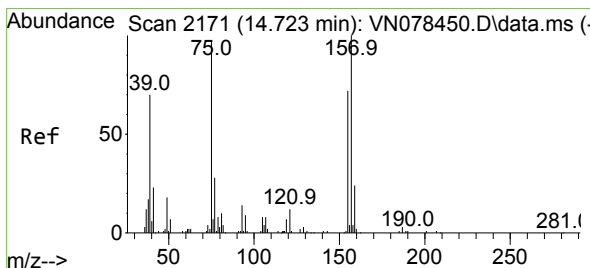
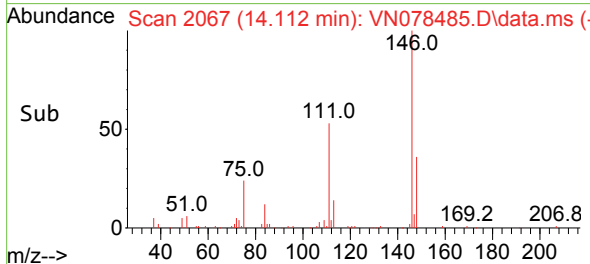
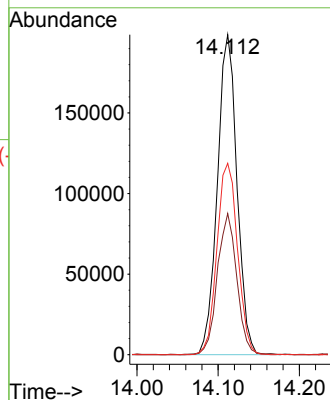
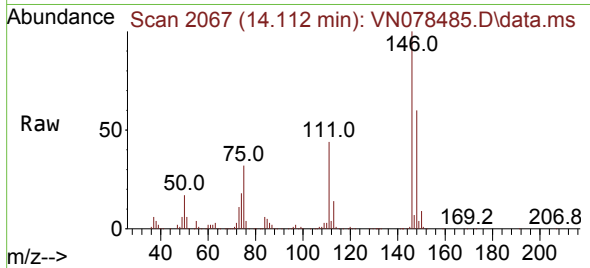




#91
 1,2-Dichlorobenzene
 Concen: 47.718 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN078485.D
 Acq: 12 Jul 2023 18:22

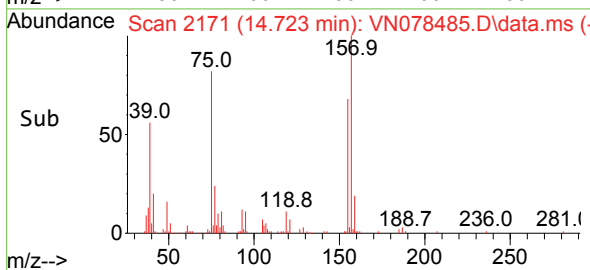
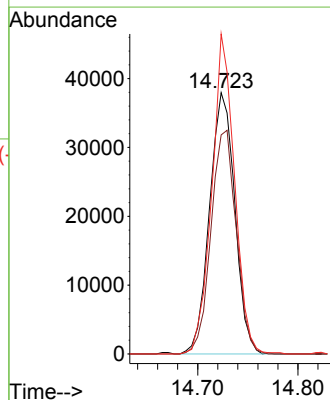
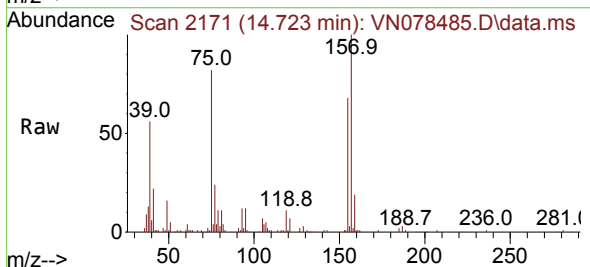
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

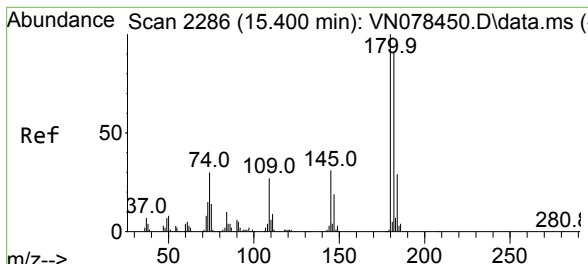
Tgt Ion:146 Resp: 334000
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.0 66.0
 148 62.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 76.793 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078485.D
 Acq: 12 Jul 2023 18:22

Tgt Ion: 75 Resp: 66452
 Ion Ratio Lower Upper
 75 100
 155 85.6 39.1 117.2
 157 110.0 50.3 150.9

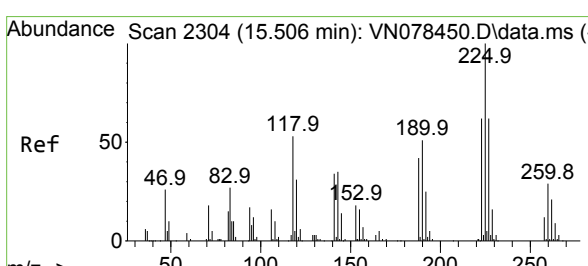
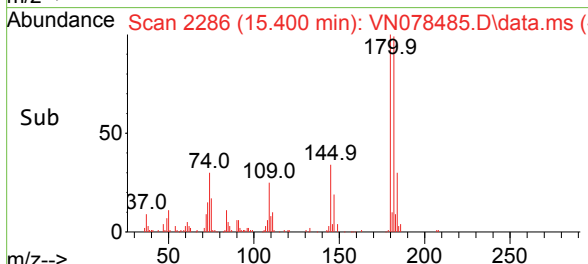
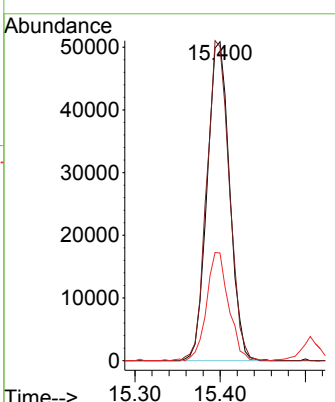
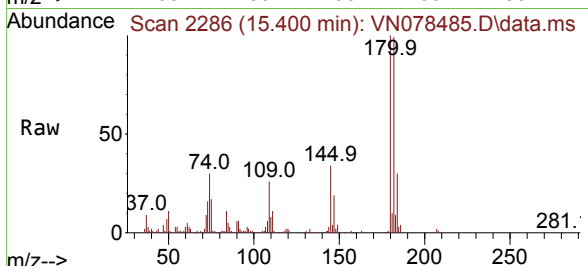




#93
 1,2,4-Trichlorobenzene
 Concen: 41.656 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: VN078485.D
 Acq: 12 Jul 2023 18:22

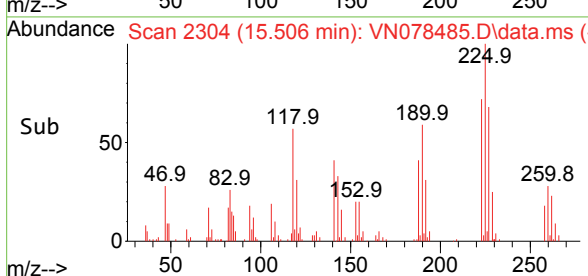
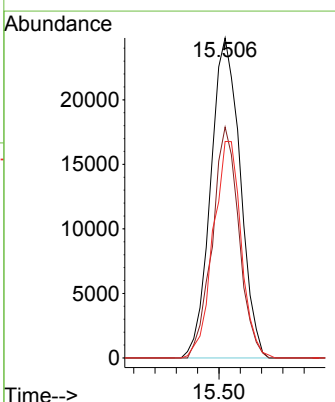
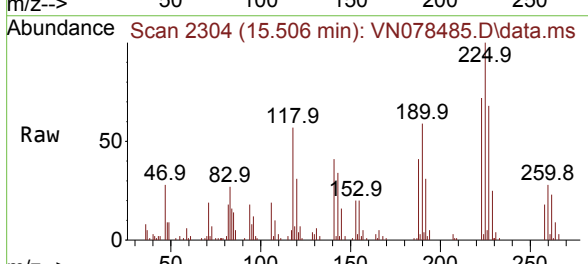
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

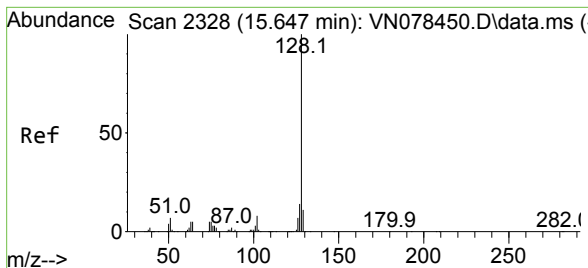
Tgt Ion:	180	Resp:	93056
Ion Ratio	Lower	Upper	
180	100		
182	101.0	46.1	138.2
145	33.8	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 40.374 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078485.D
 Acq: 12 Jul 2023 18:22

Tgt Ion:	225	Resp:	47578
Ion Ratio	Lower	Upper	
225	100		
223	65.3	31.3	93.8
227	64.2	31.9	95.9





#95

Naphthalene

Concen: 49.245 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

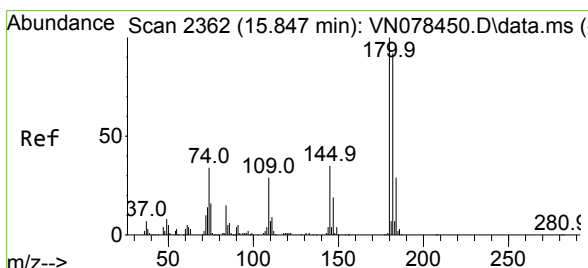
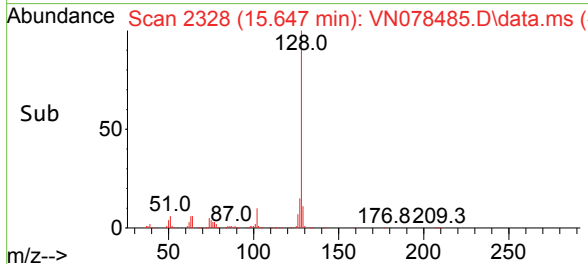
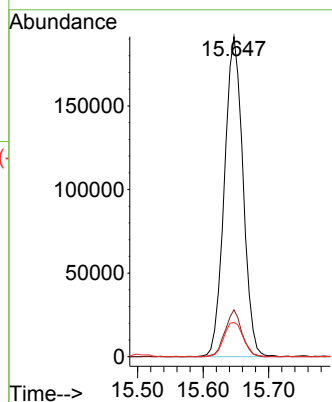
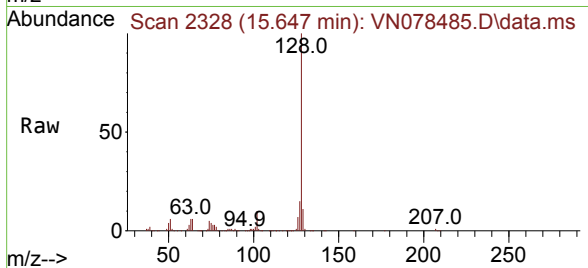
Tgt Ion:128 Resp: 376085

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 42.975 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078485.D

Acq: 12 Jul 2023 18:22

Tgt Ion:180 Resp: 110387

Ion Ratio Lower Upper

180 100

182 99.8 46.2 138.6

145 37.4 17.5 52.6

