

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079841.D
 Acq On : 03 Nov 2023 11:54
 Operator : JC\MD
 Sample : VN1103WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 00:49:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	307356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	527259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	484426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	244374	52.187	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.380%	
35) Dibromofluoromethane	8.165	113	188791	50.591	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.180%	
50) Toluene-d8	10.571	98	708500	51.573	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.140%	
62) 4-Bromofluorobenzene	12.847	95	231246	50.755	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	80335	21.699	ug/l	99
3) Chloromethane	2.359	50	88457	18.343	ug/l	99
4) Vinyl Chloride	2.512	62	110944	22.893	ug/l	96
5) Bromomethane	2.953	94	65670	22.303	ug/l	91
6) Chloroethane	3.118	64	85646	22.367	ug/l	96
7) Trichlorofluoromethane	3.495	101	121956	20.233	ug/l	99
8) Diethyl Ether	3.959	74	42960	18.782	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.377	101	70712	20.237	ug/l	98
10) Methyl Iodide	4.595	142	73716	18.474	ug/l	97
11) Tert butyl alcohol	5.518	59	50084	83.786	ug/l	99
12) 1,1-Dichloroethene	4.348	96	66162	19.999	ug/l #	78
13) Acrolein	4.177	56	60867	117.990	ug/l	99
14) Allyl chloride	5.024	41	102195	20.168	ug/l #	91
15) Acrylonitrile	5.718	53	184353	98.964	ug/l	99
16) Acetone	4.424	43	177874	108.141	ug/l	93
17) Carbon Disulfide	4.712	76	183843	19.265	ug/l	98
18) Methyl Acetate	5.024	43	153892	19.556	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	224718	19.729	ug/l #	91
20) Methylene Chloride	5.277	84	80996	19.515	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	72852	19.744	ug/l #	80
22) Diisopropyl ether	6.671	45	261036	22.230	ug/l #	89
23) Vinyl Acetate	6.606	43	660347	101.948	ug/l #	86
24) 1,1-Dichloroethane	6.565	63	156328	21.903	ug/l	97
25) 2-Butanone	7.488	43	244346	101.446	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	124856	21.152	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	87986	19.935	ug/l	85
28) Bromochloromethane	7.812	49	72987	20.984	ug/l #	75
29) Tetrahydrofuran	7.841	42	157391	100.436	ug/l #	75
30) Chloroform	7.971	83	158842	20.488	ug/l	93
31) Cyclohexane	8.259	56	126575	20.456	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	133414	21.120	ug/l	97
36) 1,1-Dichloropropene	8.371	75	114910	21.566	ug/l	94
37) Ethyl Acetate	7.565	43	97375	19.927	ug/l #	91
38) Carbon Tetrachloride	8.365	117	112923	21.029	ug/l	98
39) Methylcyclohexane	9.606	83	102752	20.491	ug/l #	82
40) Benzene	8.606	78	345053	21.621	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	55918	21.549	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	125603	22.531	ug/l	98
43) Isopropyl Acetate	8.688	43	163411	19.068	ug/l #	92
44) Trichloroethene	9.353	130	81984	20.702	ug/l	95
45) 1,2-Dichloropropane	9.624	63	92365	22.647	ug/l	94
46) Dibromomethane	9.712	93	59045	21.203	ug/l	97
47) Bromodichloromethane	9.888	83	123452	20.786	ug/l	98
48) Methyl methacrylate	9.682	41	77923	20.759	ug/l #	81
49) 1,4-Dioxane	9.700	88	25222	380.269	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	503385	104.335	ug/l	90
52) Toluene	10.635	92	204934	21.661	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	122197	20.988	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	136275	21.474	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	79965	21.013	ug/l	94
56) Ethyl methacrylate	10.876	69	108221	19.937	ug/l #	79
57) 1,3-Dichloropropane	11.165	76	145237	21.652	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	263888	95.919	ug/l #	87
59) 2-Hexanone	11.200	43	368724	99.901	ug/l	87
60) Dibromochloromethane	11.359	129	84865	20.834	ug/l	99
61) 1,2-Dibromoethane	11.471	107	77566	20.308	ug/l	98
64) Tetrachloroethene	11.106	164	70070	22.334	ug/l	95
65) Chlorobenzene	11.894	112	214932	20.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	81279	21.468	ug/l	97
67) Ethyl Benzene	11.965	91	372285	20.335	ug/l	98
68) m/p-Xylenes	12.071	106	282153	41.372	ug/l	95
69) o-Xylene	12.400	106	134698	20.510	ug/l	93
70) Styrene	12.412	104	225958	21.409	ug/l	98
71) Bromoform	12.582	173	54267	20.186	ug/l #	99
73) Isopropylbenzene	12.700	105	335487	20.676	ug/l	99
74) N-amyl acetate	12.494	43	133663	18.872	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	114850	19.963	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	141378	28.166	ug/l	72
77) Bromobenzene	12.982	156	82321	20.722	ug/l	96
78) n-propylbenzene	13.035	91	404020	21.743	ug/l	96
79) 2-Chlorotoluene	13.129	91	247399	20.842	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	270066	21.393	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	37495	20.324	ug/l #	86
82) 4-Chlorotoluene	13.223	91	245076	20.777	ug/l	99
83) tert-Butylbenzene	13.441	119	221976	21.481	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	274474	22.098	ug/l	98
85) sec-Butylbenzene	13.617	105	313257	21.880	ug/l	99
86) p-Isopropyltoluene	13.729	119	251891	21.580	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	151178	20.457	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	148026	19.734	ug/l	98
89) n-Butylbenzene	14.059	91	207579	20.647	ug/l	98
90) Hexachloroethane	14.335	117	48729	21.079	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	142931	20.488	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18400	18.860	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	65887	19.863	ug/l	98
94) Hexachlorobutadiene	15.506	225	32101	21.347	ug/l	98
95) Naphthalene	15.641	128	174202	15.486	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	60335	18.556	ug/l	94

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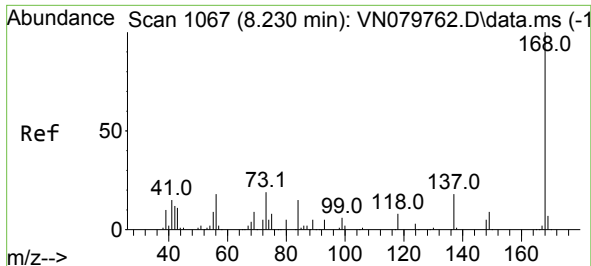
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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

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

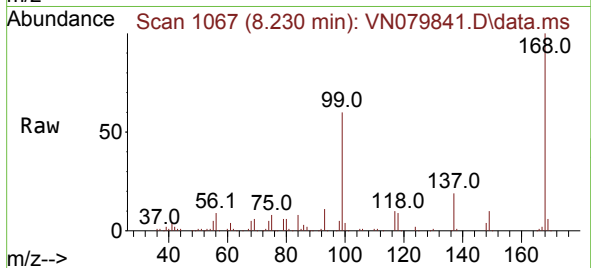
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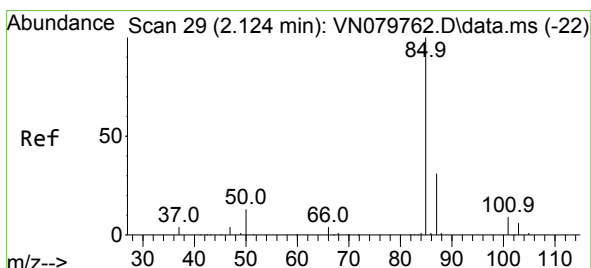
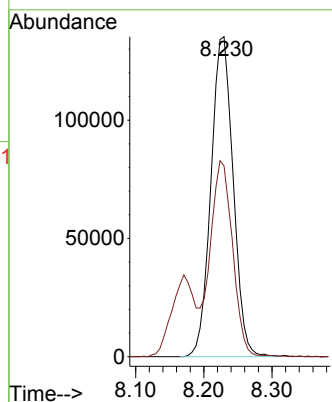
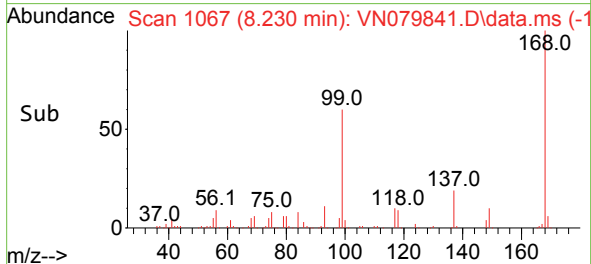


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
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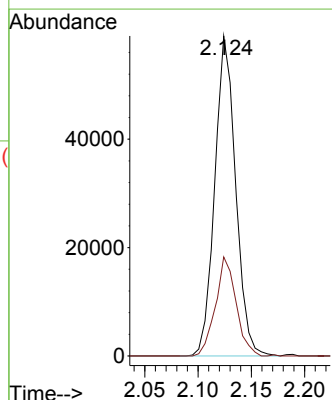
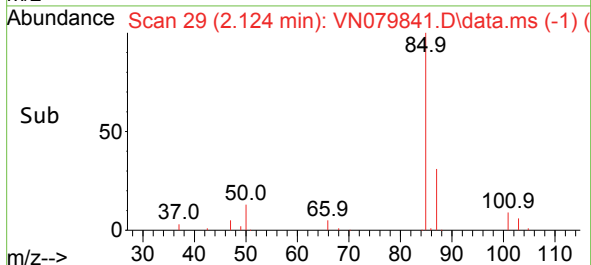
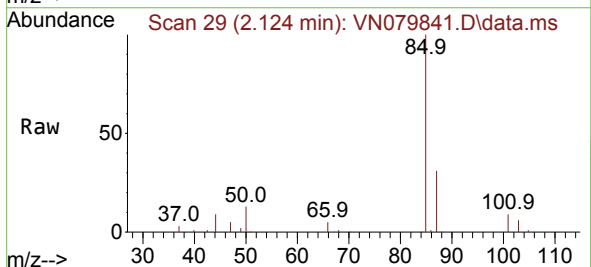


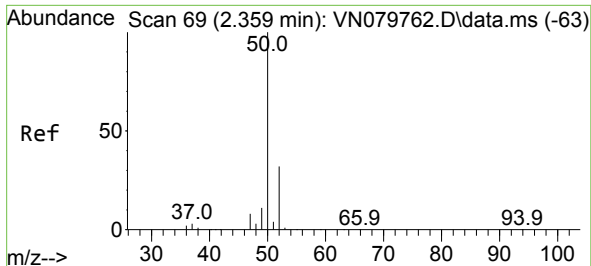
Tgt Ion:168 Resp: 307356
Ion Ratio Lower Upper
168 100
99 59.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 21.699 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion: 85 Resp: 80335
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.4

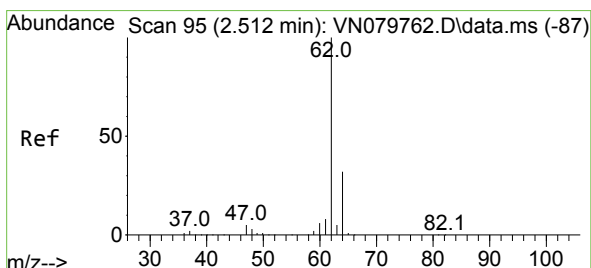
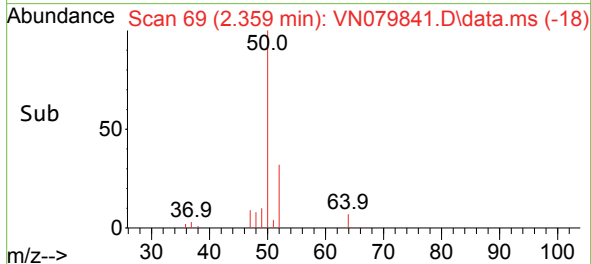
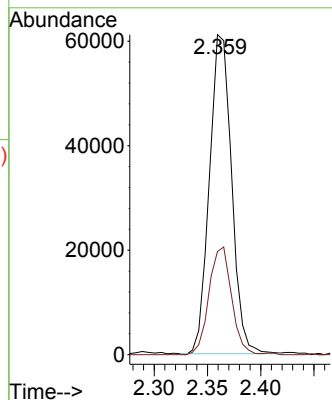
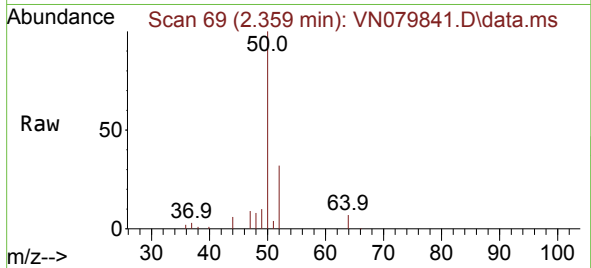




#3
Chloromethane
Concen: 18.343 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

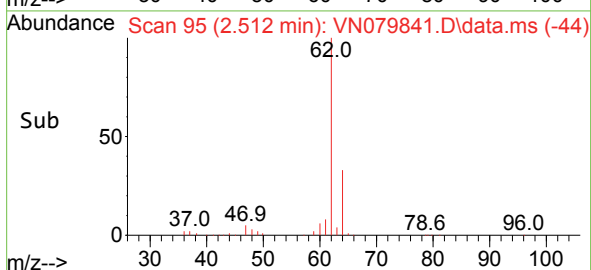
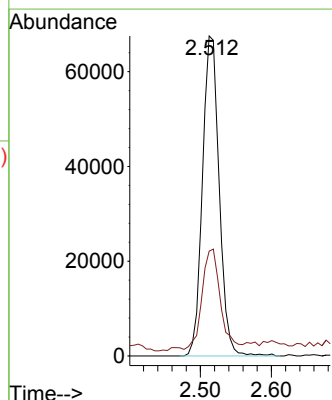
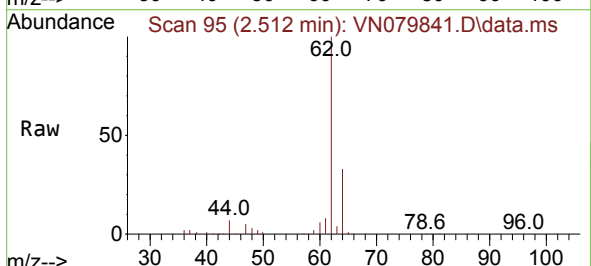
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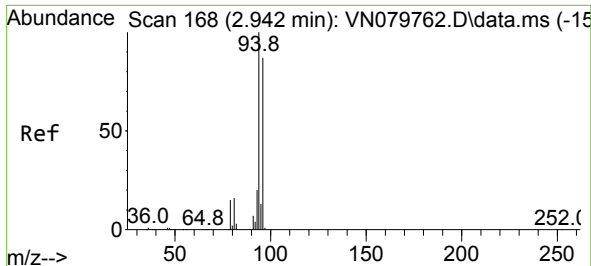
Tgt Ion: 50 Resp: 88457
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7



#4
Vinyl Chloride
Concen: 22.893 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion: 62 Resp: 110944
Ion Ratio Lower Upper
62 100
64 30.2 26.2 39.2

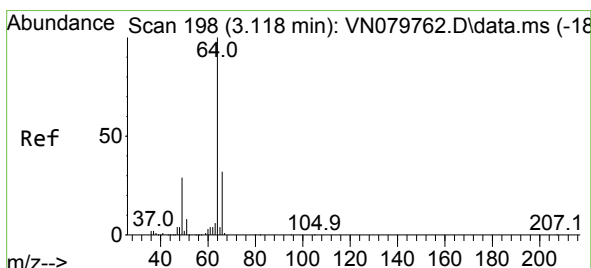
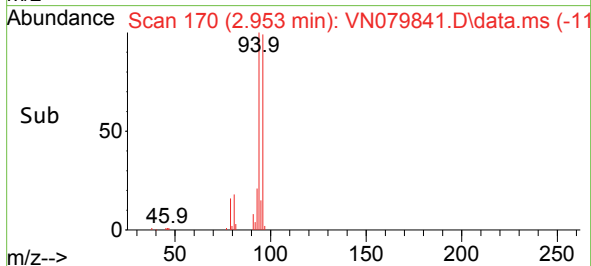
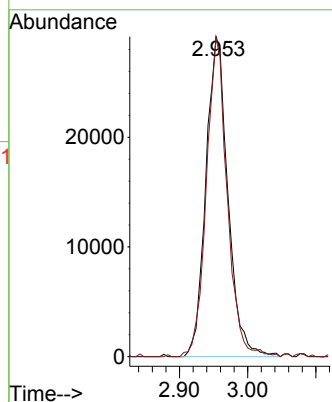
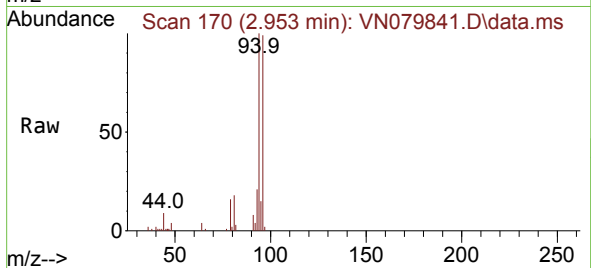




#5
Bromomethane
Concen: 22.303 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

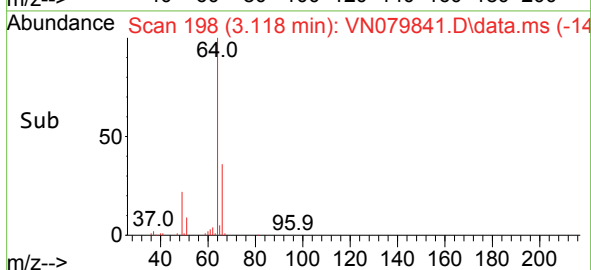
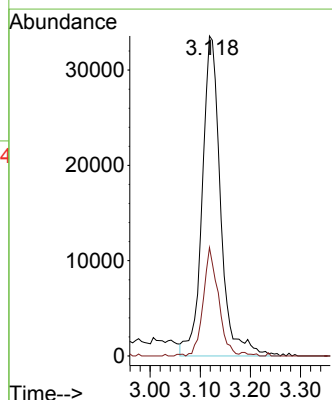
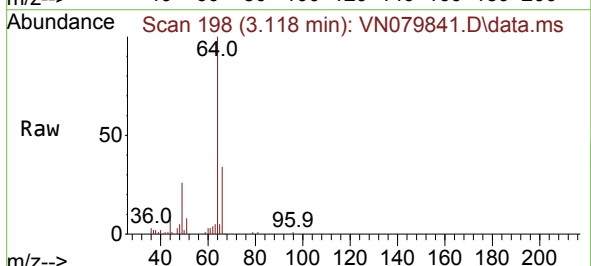
Instrument :
MSVOA_N
ClientSampleId :

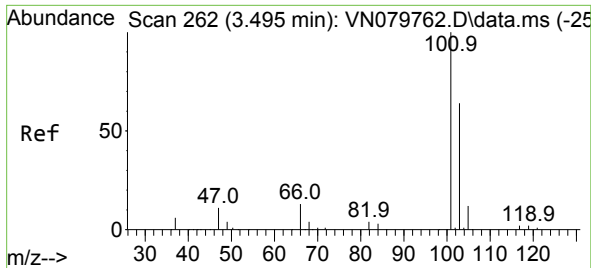
Tgt Ion: 94 Resp: 65670
Ion Ratio Lower Upper
94 100
96 99.5 73.1 109.7



#6
Chloroethane
Concen: 22.367 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

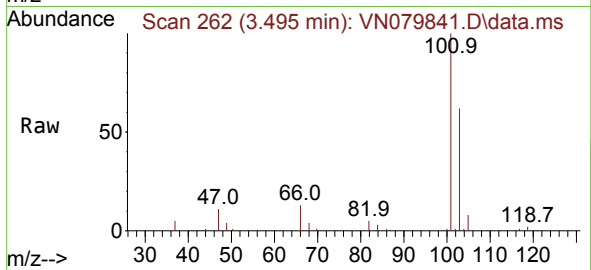
Tgt Ion: 64 Resp: 85646
Ion Ratio Lower Upper
64 100
66 33.9 25.4 38.2



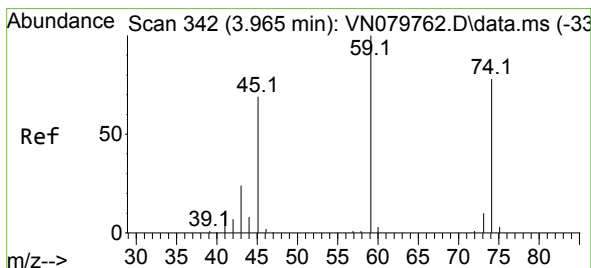
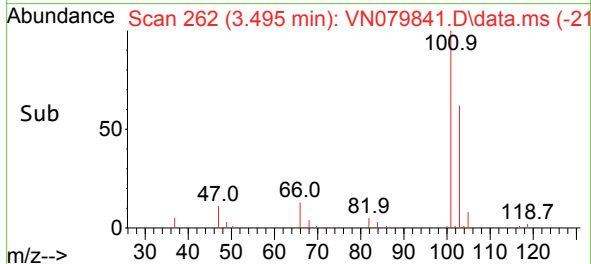
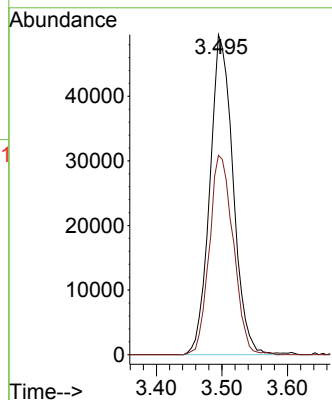


#7
 Trichlorofluoromethane
 Concen: 20.233 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079841.D
 Acq: 03 Nov 2023 11:54

Instrument :
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 ClientSampleId :

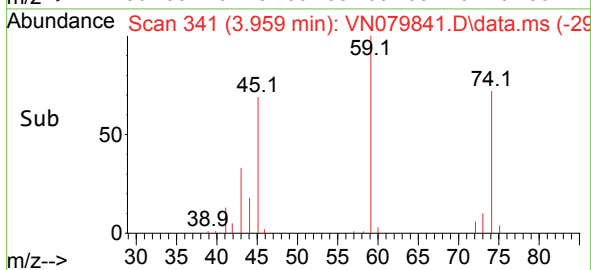
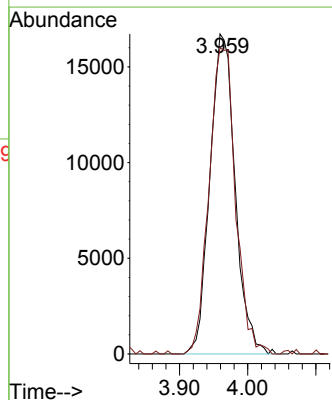
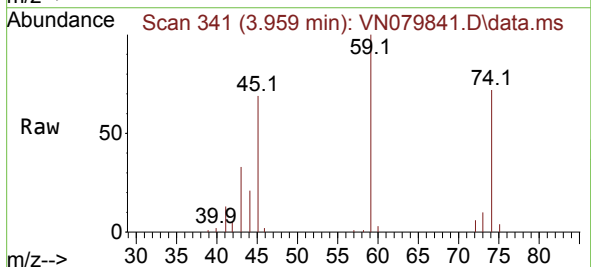


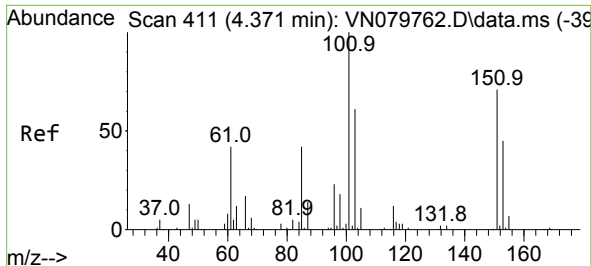
Tgt Ion:101 Resp: 121956
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.782 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079841.D
 Acq: 03 Nov 2023 11:54

Tgt Ion: 74 Resp: 42960
 Ion Ratio Lower Upper
 74 100
 45 100.5 34.4 103.3

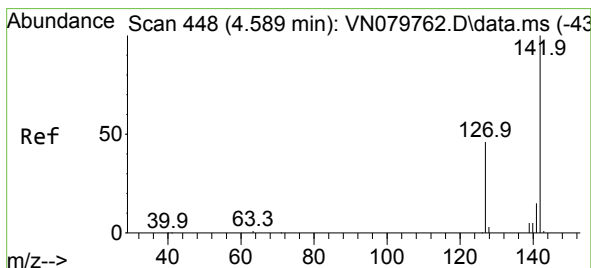
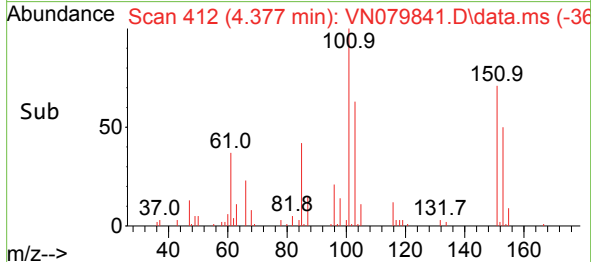
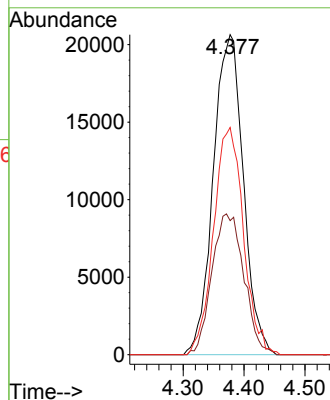
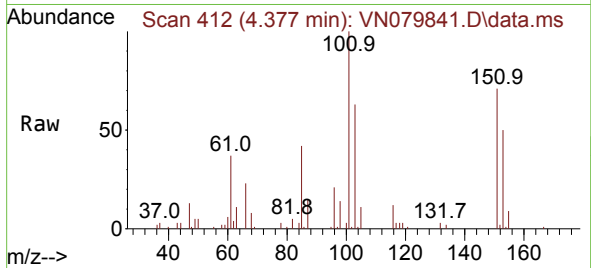




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.237 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

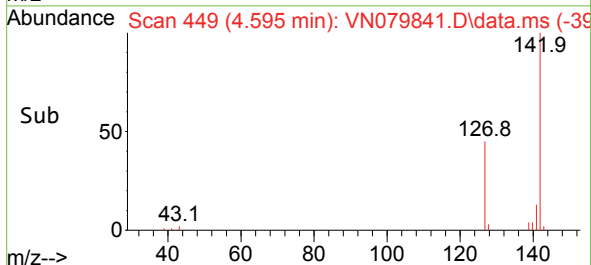
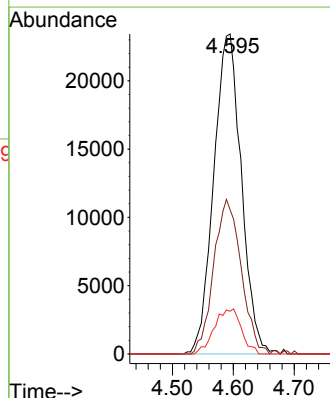
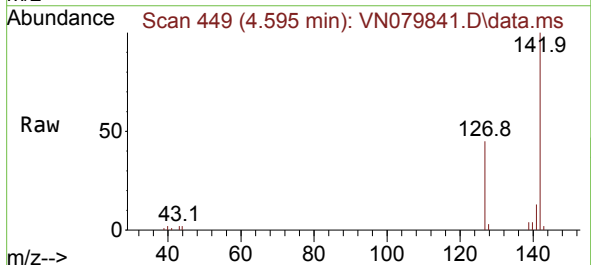
Instrument :
MSVOA_N
ClientSampleId :

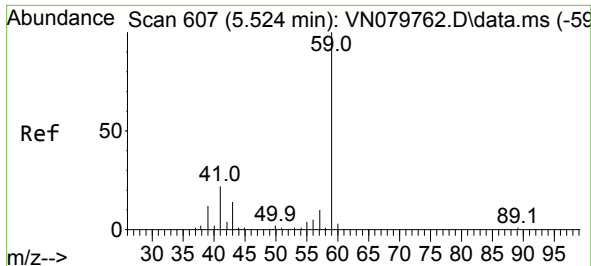
Tgt Ion:101 Resp: 70712
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 70.7 57.6 86.4



#10
Methyl Iodide
Concen: 18.474 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion:142 Resp: 73716
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 13.3 11.4 17.0

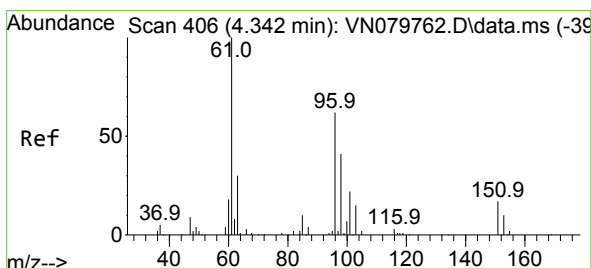
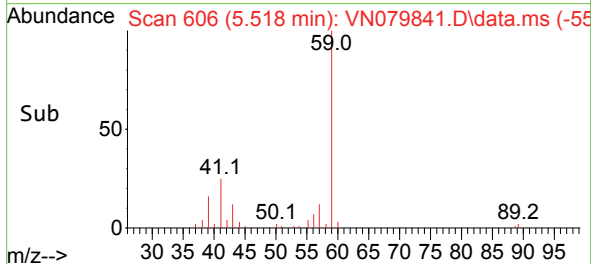
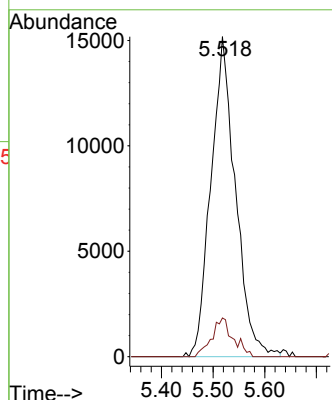
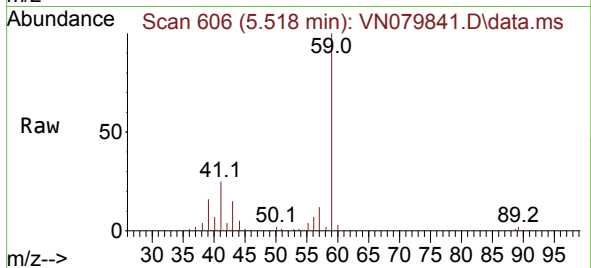




#11
Tert butyl alcohol
Concen: 83.786 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

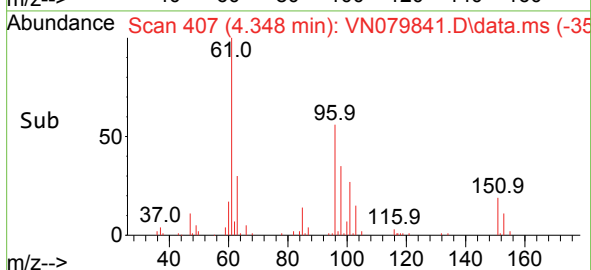
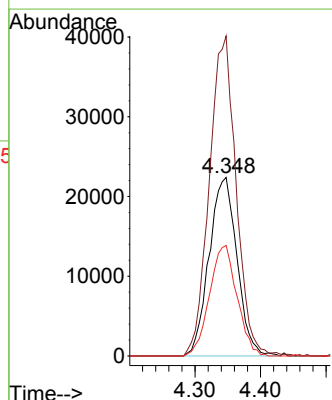
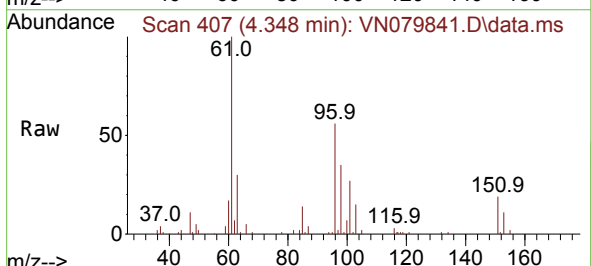
Instrument :
MSVOA_N
ClientSampleId :

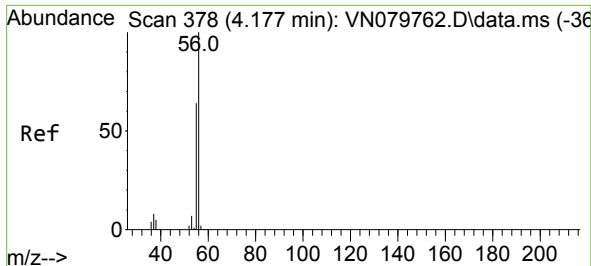
Tgt Ion: 59 Resp: 50084
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.999 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion: 96 Resp: 66162
Ion Ratio Lower Upper
96 100
61 179.2 112.7 169.1#
98 62.0 51.2 76.8





#13

Acrolein

Concen: 117.990 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Instrument :

MSVOA_N

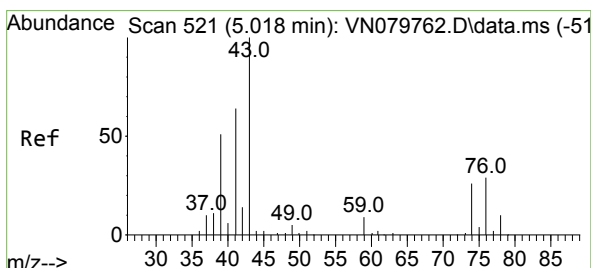
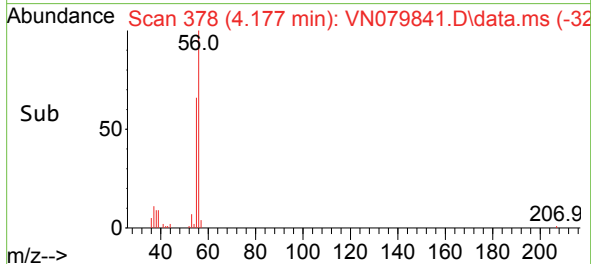
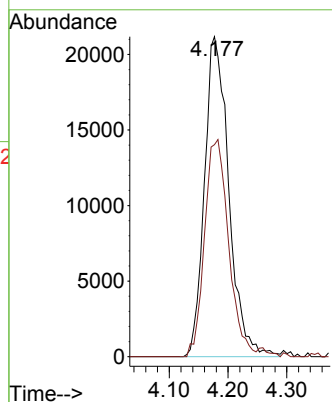
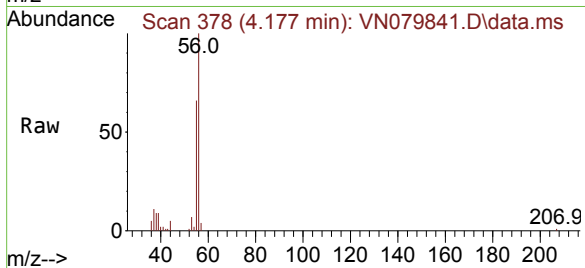
ClientSampleId :

Tgt Ion: 56 Resp: 60867

Ion Ratio Lower Upper

56 100

55 67.0 54.5 81.7



#14

Allyl chloride

Concen: 20.168 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

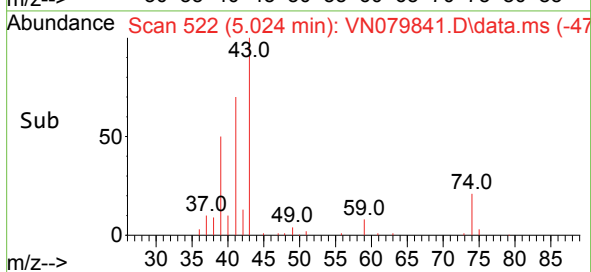
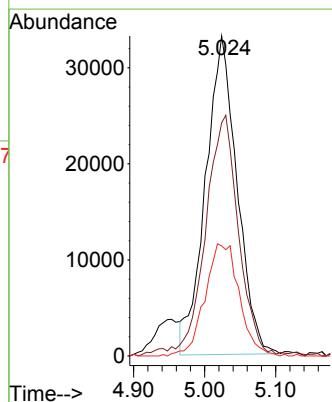
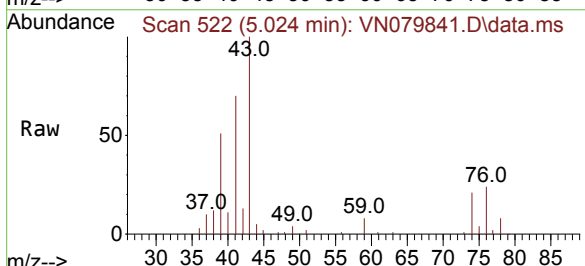
Tgt Ion: 41 Resp: 102195

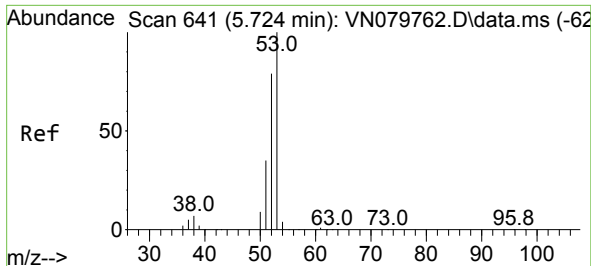
Ion Ratio Lower Upper

41 100

39 77.1 58.8 88.2

76 38.3 39.1 58.7#

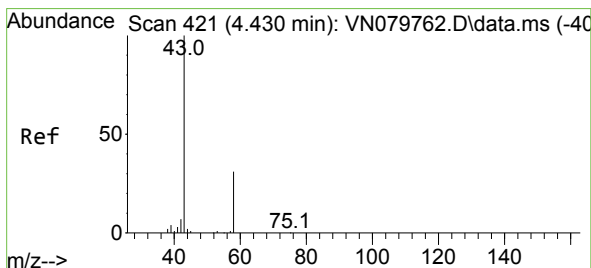
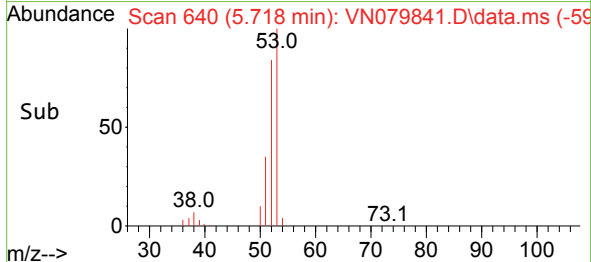
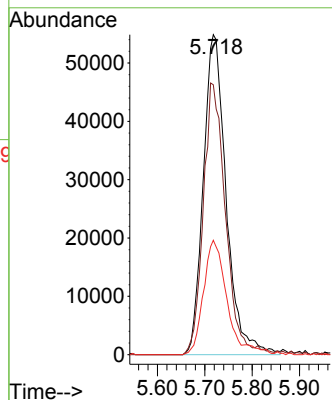
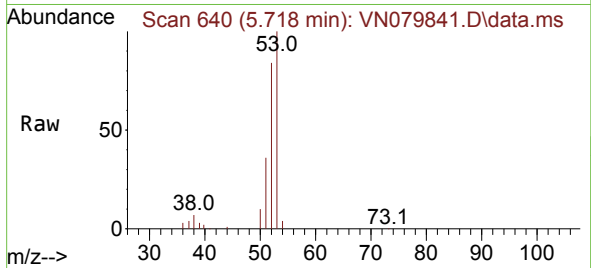




#15
Acrylonitrile
Concen: 98.964 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

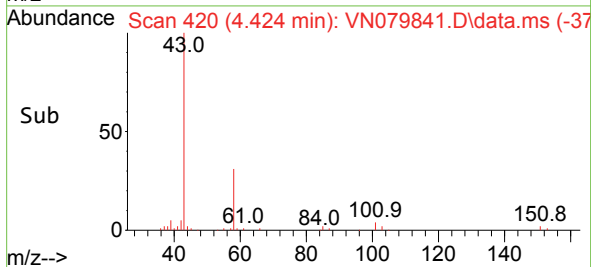
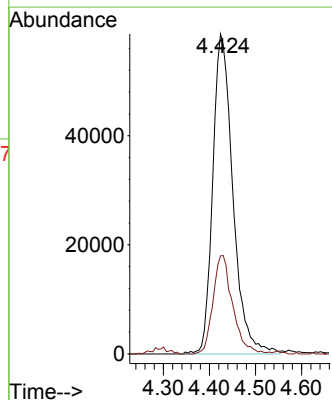
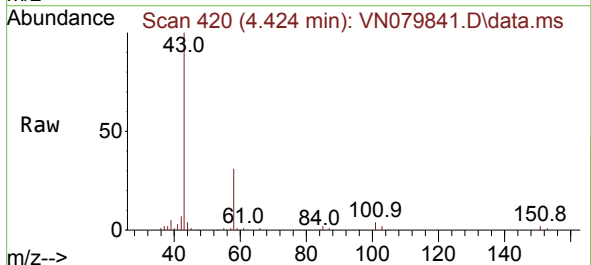
Instrument :
MSVOA_N
ClientSampleId :

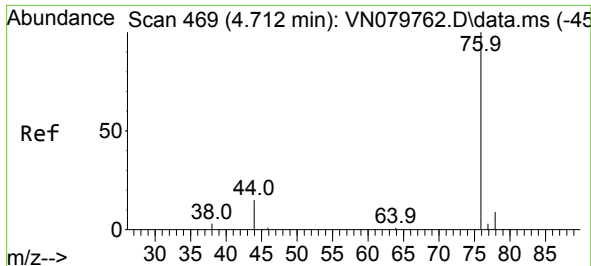
Tgt Ion: 53 Resp: 184353
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 36.6 28.9 43.3



#16
Acetone
Concen: 108.141 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

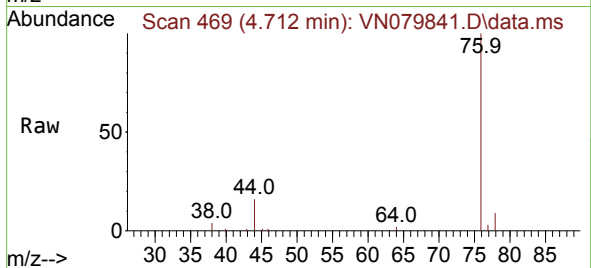
Tgt Ion: 43 Resp: 177874
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0



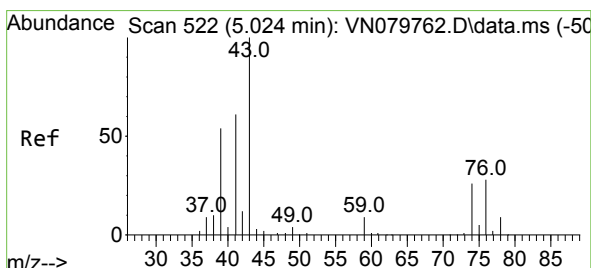
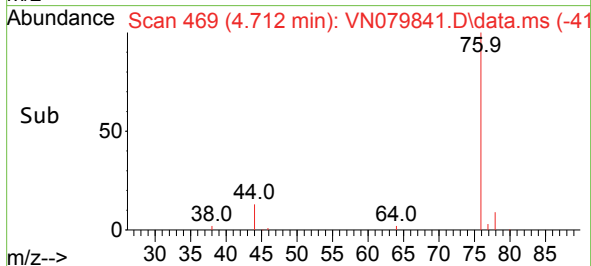
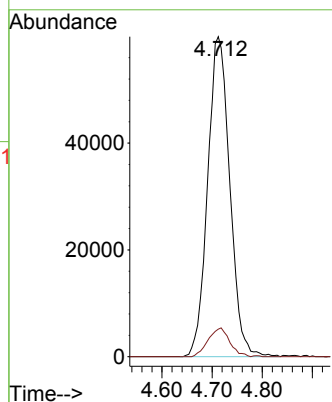


#17
Carbon Disulfide
Concen: 19.265 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Instrument :
MSVOA_N
ClientSampleId :

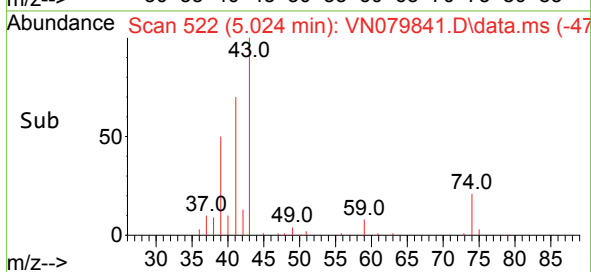
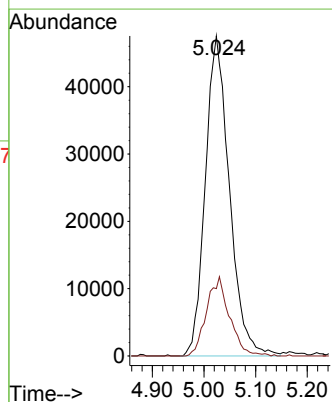
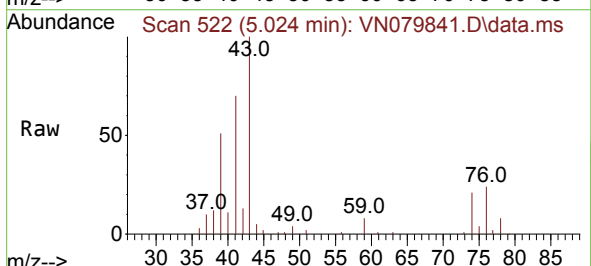


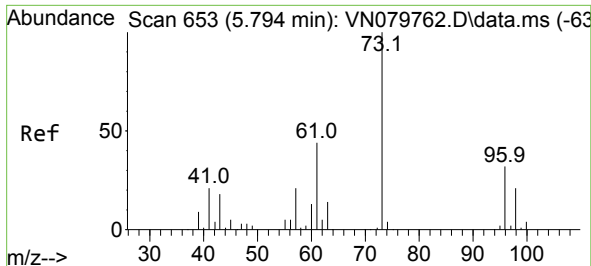
Tgt Ion: 76 Resp: 183843
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 19.556 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion: 43 Resp: 153892
Ion Ratio Lower Upper
43 100
74 23.7 26.2 39.4#

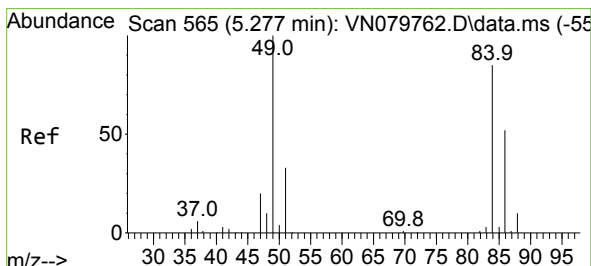
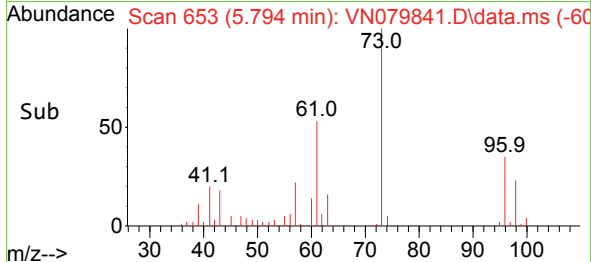
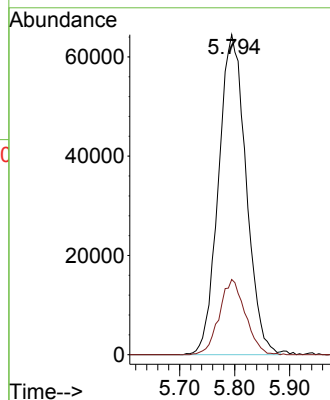
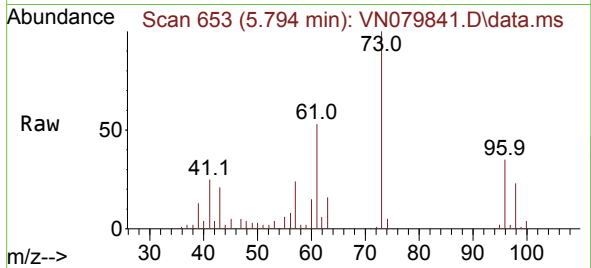




#19
Methyl tert-butyl Ether
Concen: 19.729 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

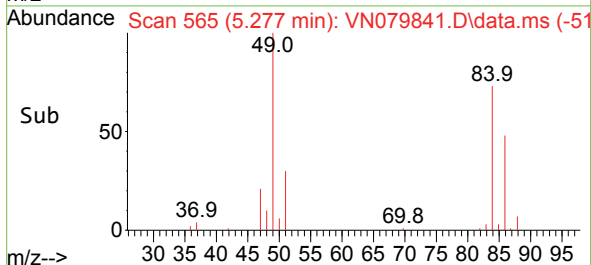
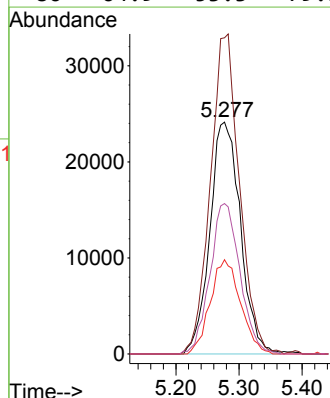
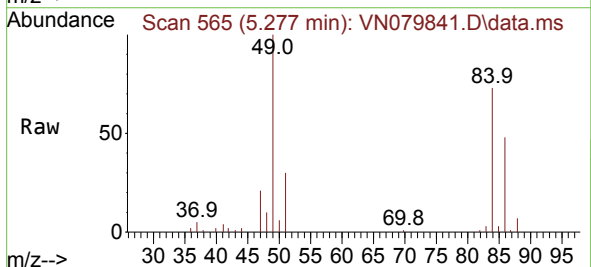
Instrument :
MSVOA_N
ClientSampleId :

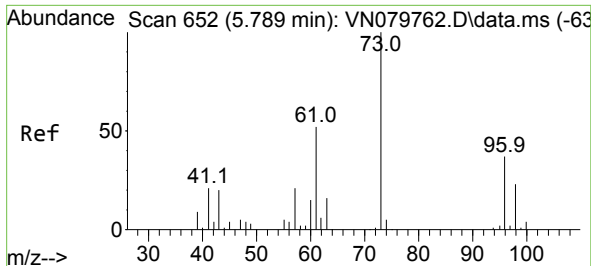
Tgt Ion: 73 Resp: 224718
Ion Ratio Lower Upper
73 100
57 23.5 15.6 23.4#



#20
Methylene Chloride
Concen: 19.515 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion: 84 Resp: 80996
Ion Ratio Lower Upper
84 100
49 136.4 79.7 119.5#
51 40.6 25.2 37.8#
86 64.9 53.3 79.9

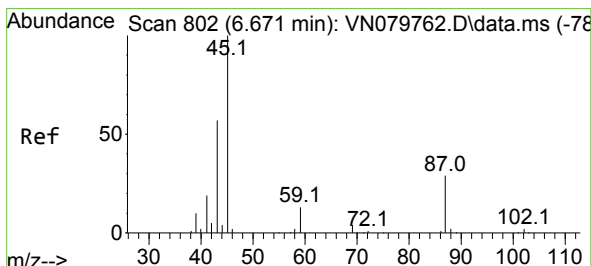
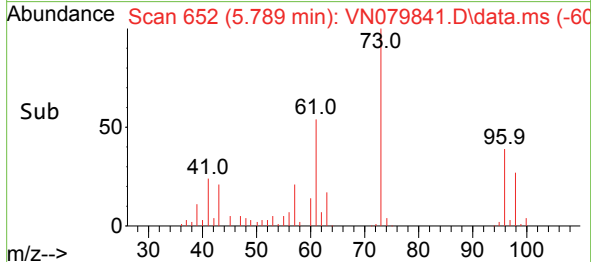
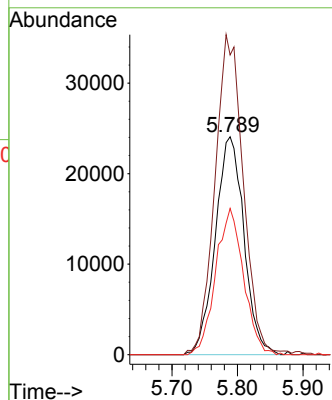
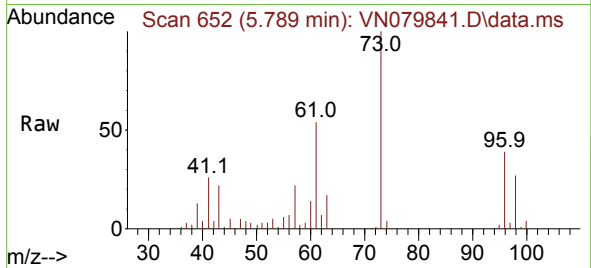




#21
trans-1,2-Dichloroethene
Concen: 19.744 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

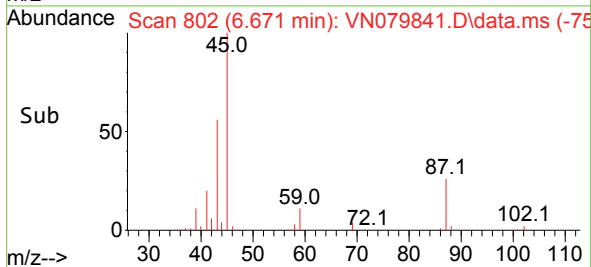
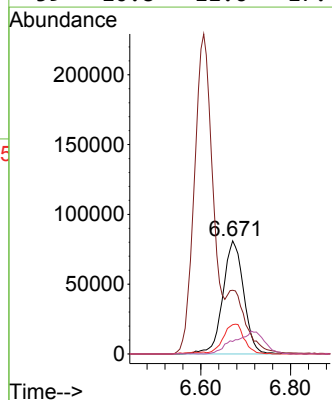
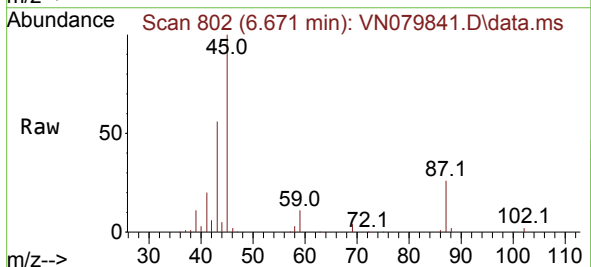
Instrument :
MSVOA_N
ClientSampleId :

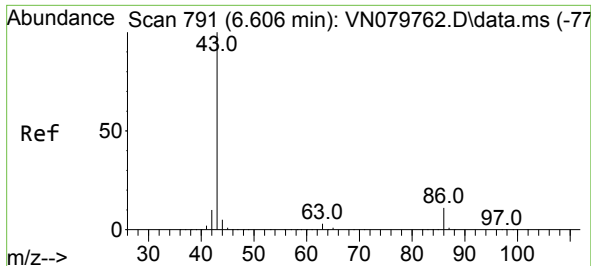
Tgt Ion: 96 Resp: 72852
Ion Ratio Lower Upper
96 100
61 137.6 90.1 135.1#
98 67.1 46.4 69.6



#22
Diisopropyl ether
Concen: 22.230 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion: 45 Resp: 261036
Ion Ratio Lower Upper
45 100
43 54.8 45.5 68.3
87 25.9 31.8 47.8#
59 10.8 11.6 17.4#

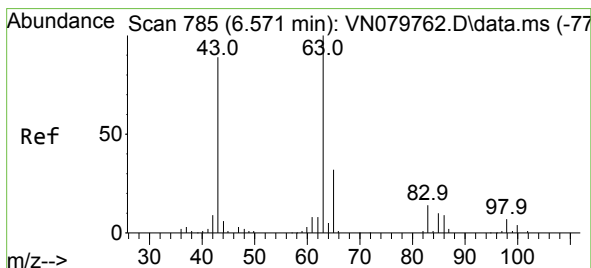
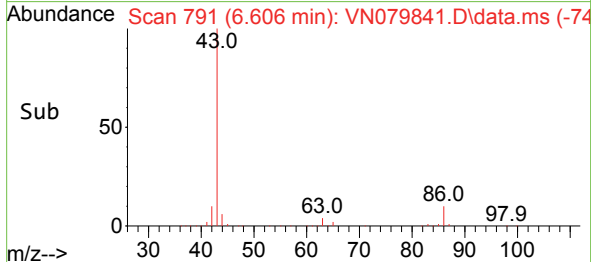
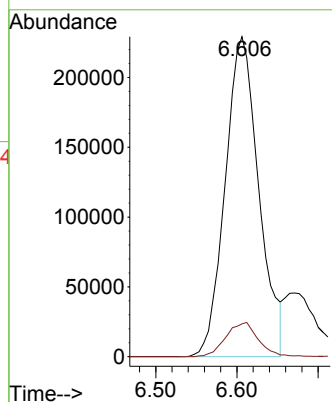
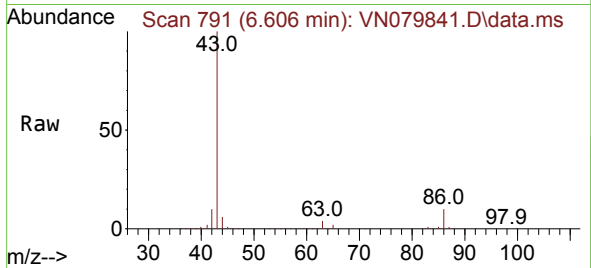




#23
 Vinyl Acetate
 Concen: 101.948 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079841.D
 Acq: 03 Nov 2023 11:54

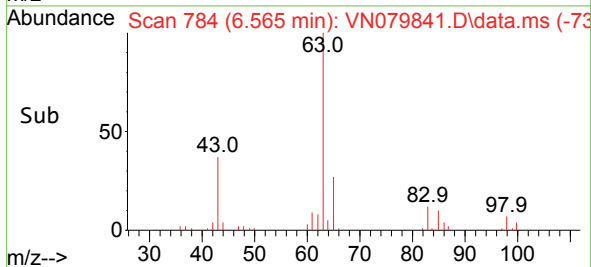
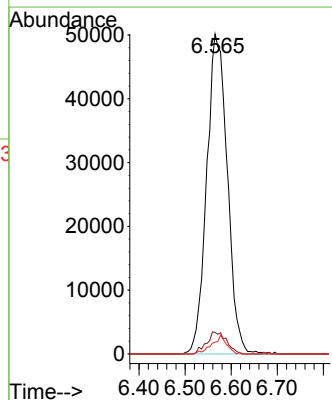
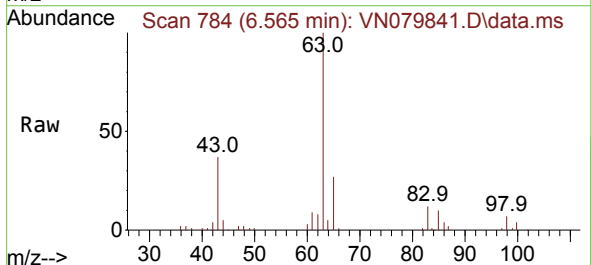
Instrument :
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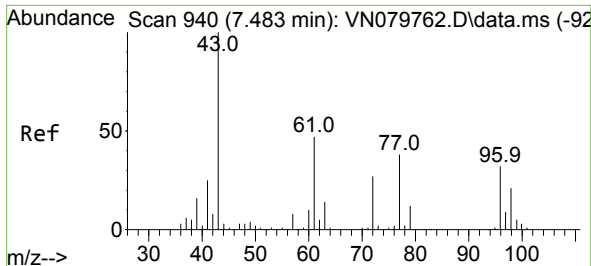
Tgt Ion: 43 Resp: 660347
 Ion Ratio Lower Upper
 43 100
 86 10.2 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 21.903 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN079841.D
 Acq: 03 Nov 2023 11:54

Tgt Ion: 63 Resp: 156328
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 3.7 2.5 7.4

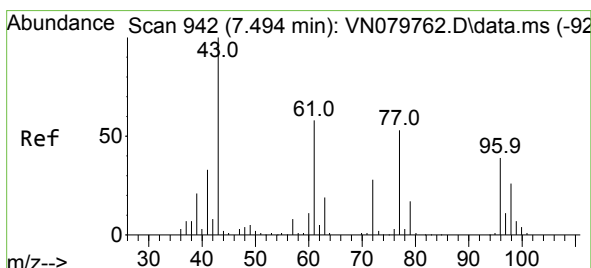
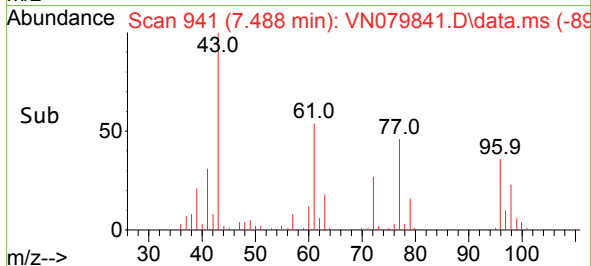
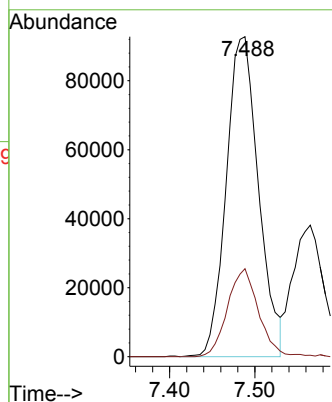
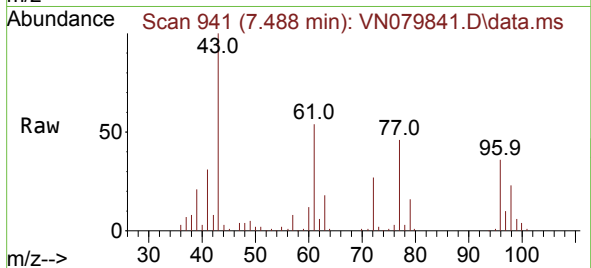




#25
2-Butanone
Concen: 101.446 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

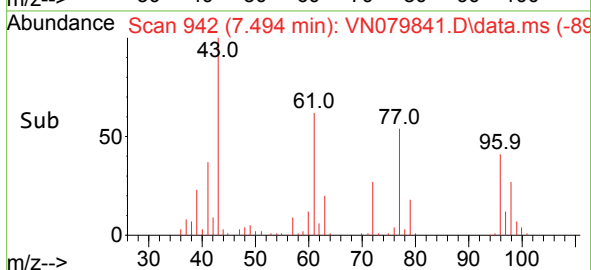
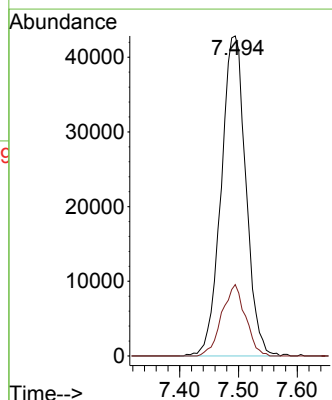
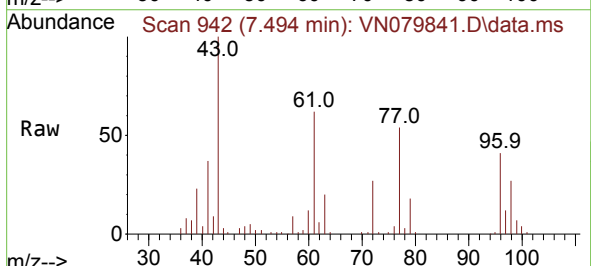
Instrument :
MSVOA_N
ClientSampleId :

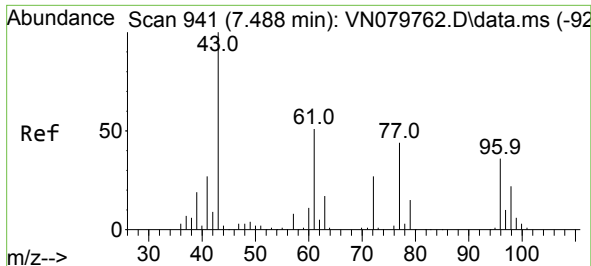
Tgt Ion: 43 Resp: 244346
Ion Ratio Lower Upper
43 100
72 27.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 21.152 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion: 77 Resp: 124856
Ion Ratio Lower Upper
77 100
97 21.5 11.2 33.6

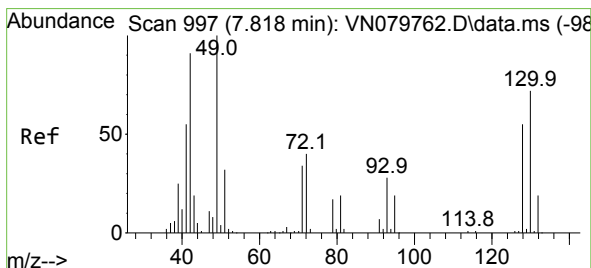
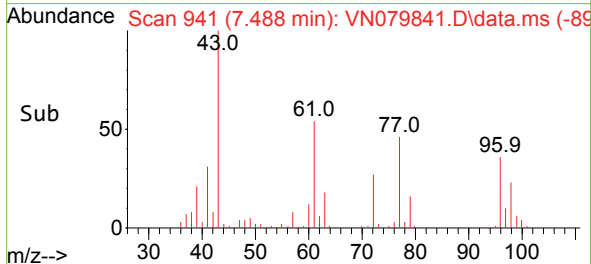
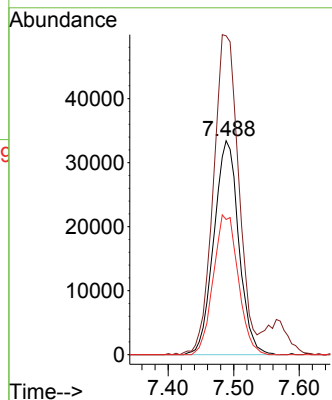
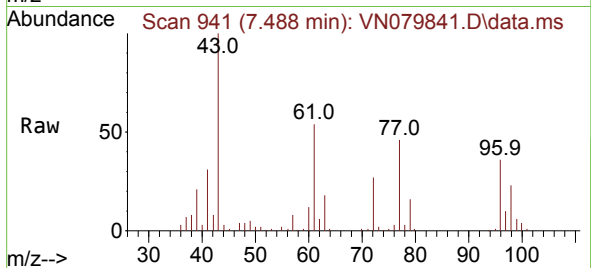




#27
 cis-1,2-Dichloroethene
 Concen: 19.935 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079841.D
 Acq: 03 Nov 2023 11:54

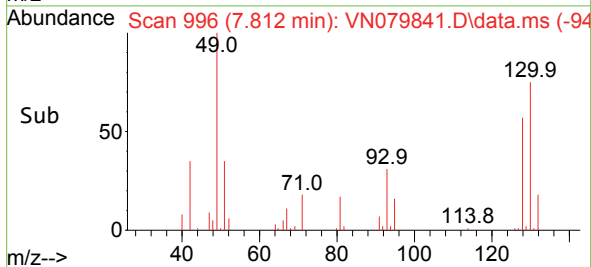
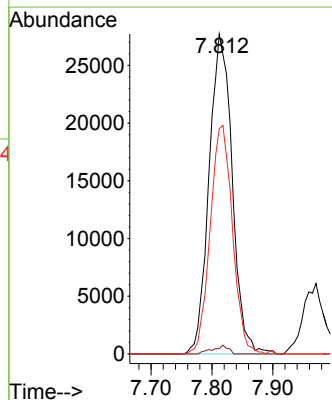
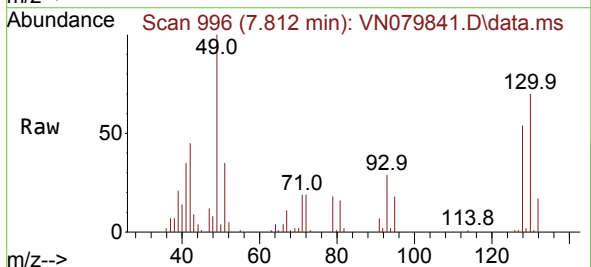
Instrument :
 MSVOA_N
 ClientSampleId :

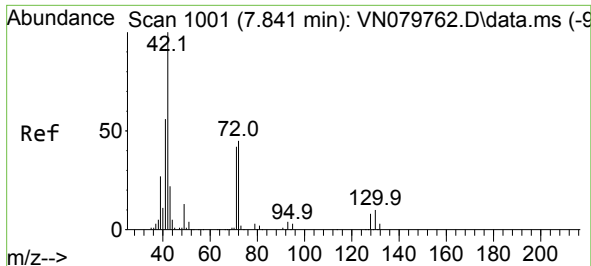
Tgt Ion: 96 Resp: 87986
 Ion Ratio Lower Upper
 96 100
 61 152.3 0.0 255.2
 98 65.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.984 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079841.D
 Acq: 03 Nov 2023 11:54

Tgt Ion: 49 Resp: 72987
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 68.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 100.436 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

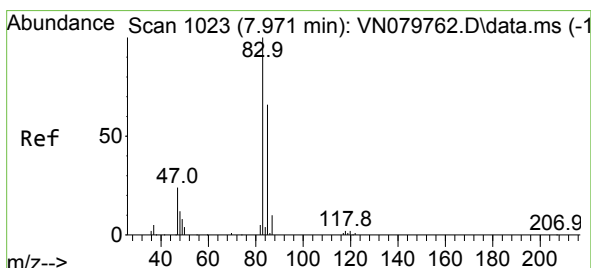
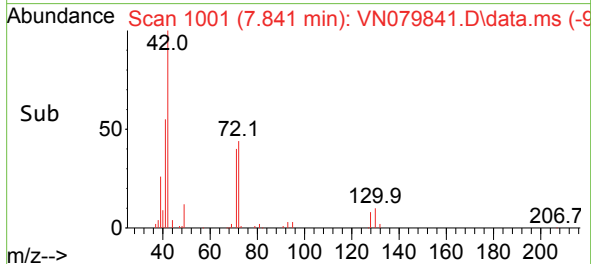
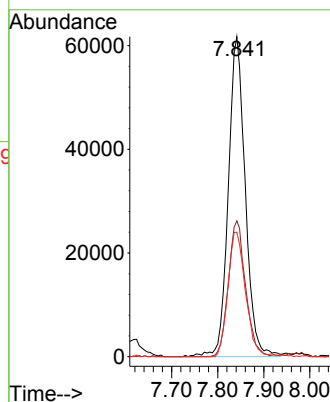
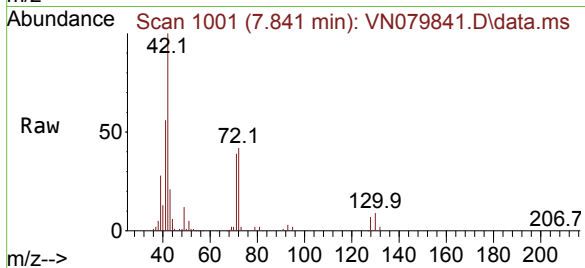
Tgt Ion: 42 Resp: 157391

Ion Ratio Lower Upper

42 100

72 43.0 49.8 74.6#

71 40.1 47.4 71.2#



#30

Chloroform

Concen: 20.488 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079841.D

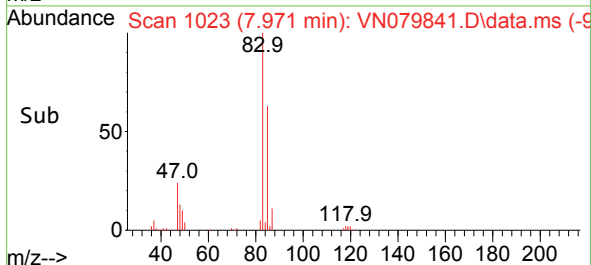
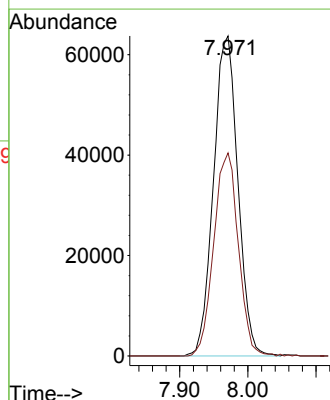
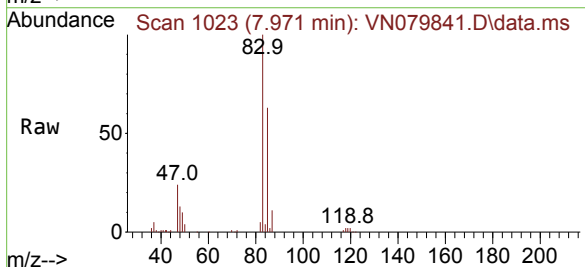
Acq: 03 Nov 2023 11:54

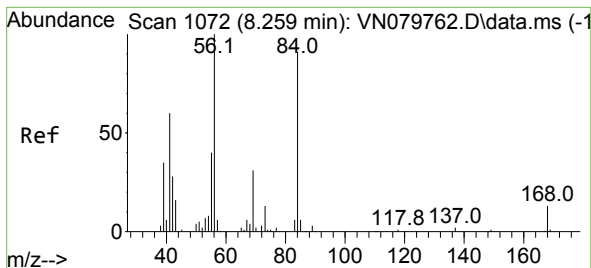
Tgt Ion: 83 Resp: 158842

Ion Ratio Lower Upper

83 100

85 63.5 55.4 83.0





#31

Cyclohexane

Concen: 20.456 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

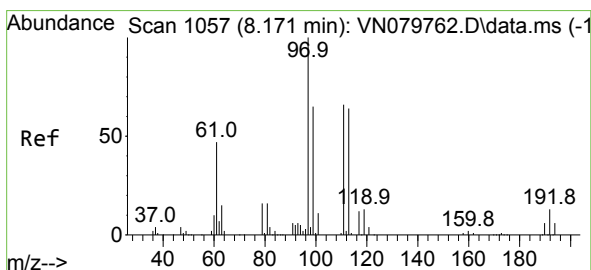
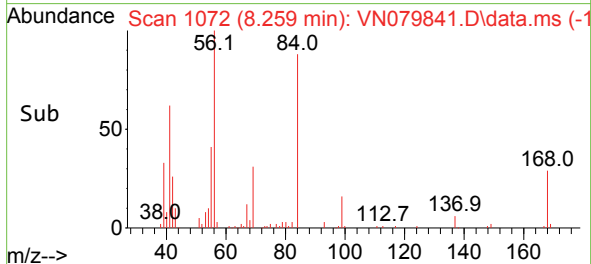
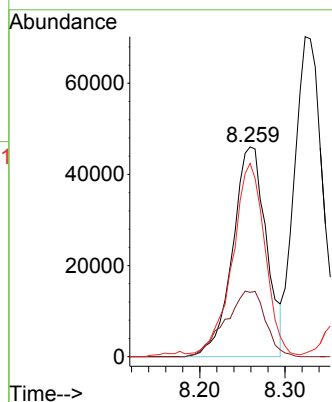
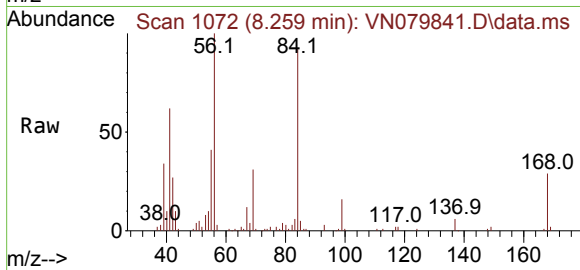
Tgt Ion: 56 Resp: 126575

Ion Ratio Lower Upper

56 100

69 30.7 26.8 40.2

84 89.5 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 21.120 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

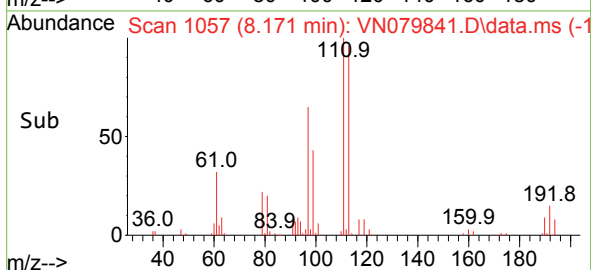
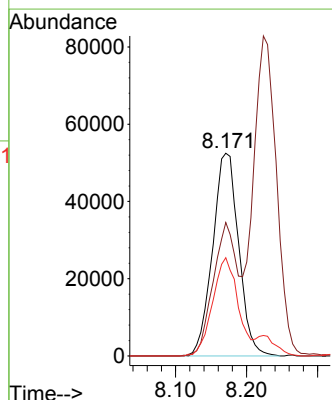
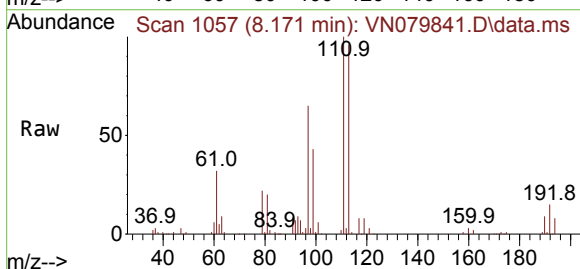
Tgt Ion: 97 Resp: 133414

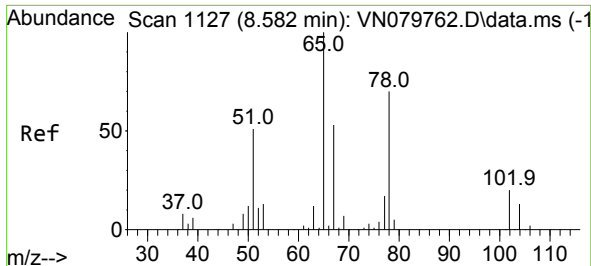
Ion Ratio Lower Upper

97 100

99 62.7 50.3 75.5

61 48.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.187 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Instrument :

MSVOA_N

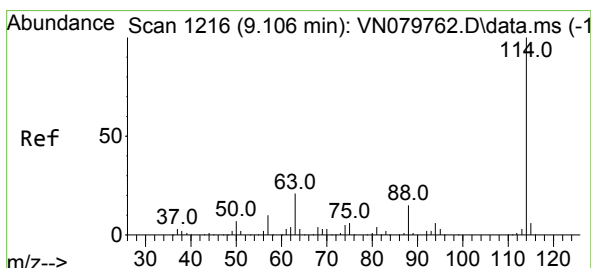
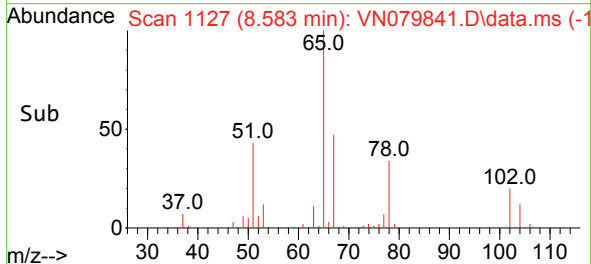
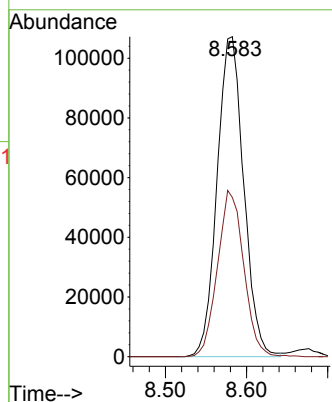
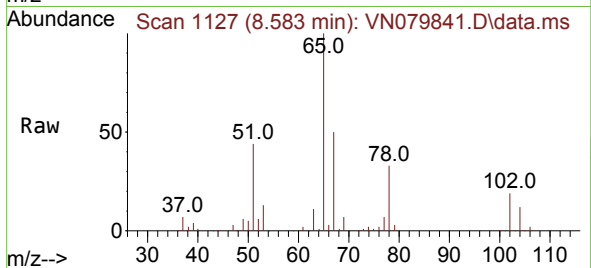
ClientSampleId :

Tgt Ion: 65 Resp: 244374

Ion Ratio Lower Upper

65 100

67 51.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

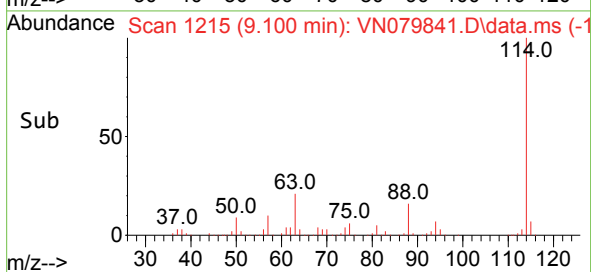
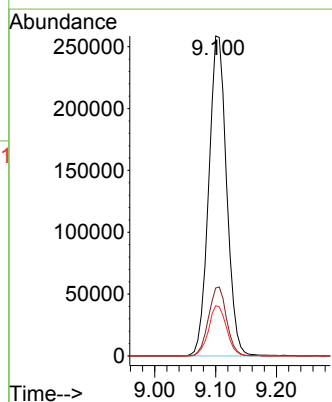
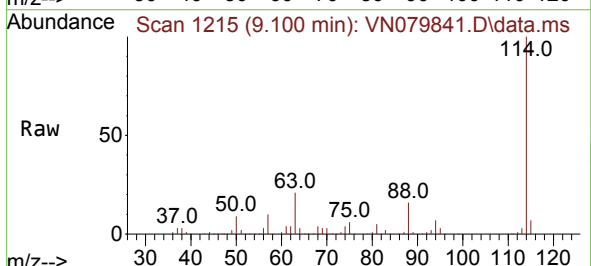
Tgt Ion: 114 Resp: 527259

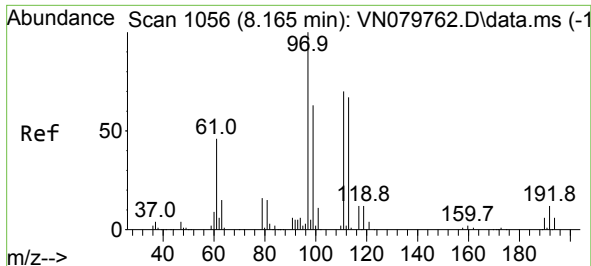
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 15.7 0.0 30.6

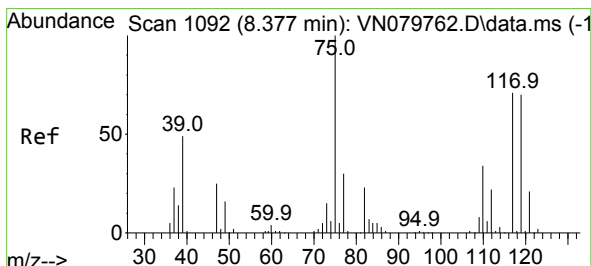
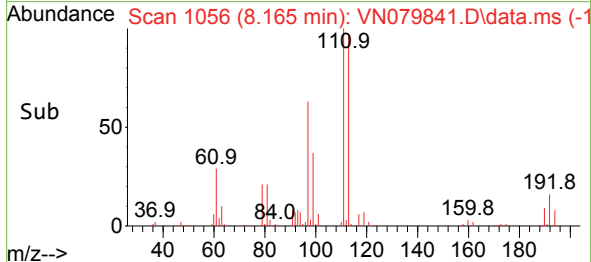
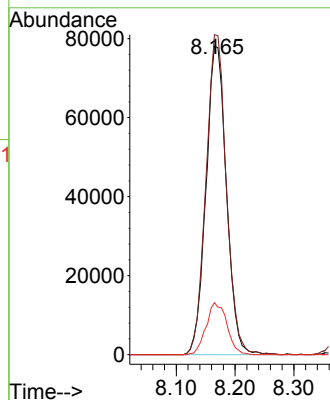
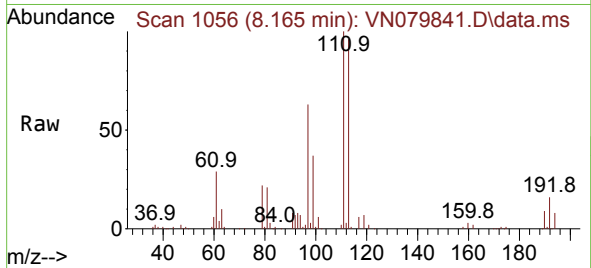




#35
Dibromofluoromethane
Concen: 50.591 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

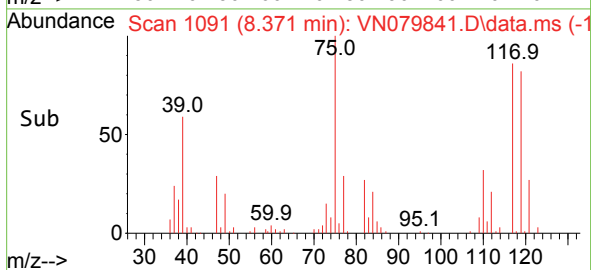
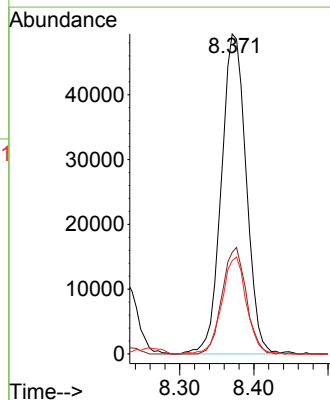
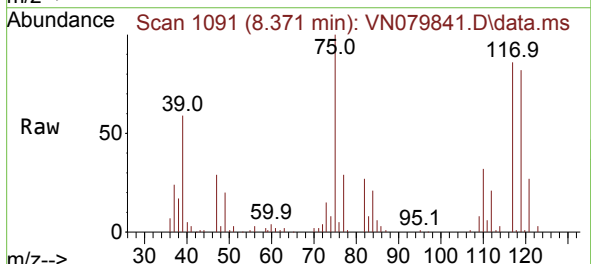
Instrument :
MSVOA_N
ClientSampleId :

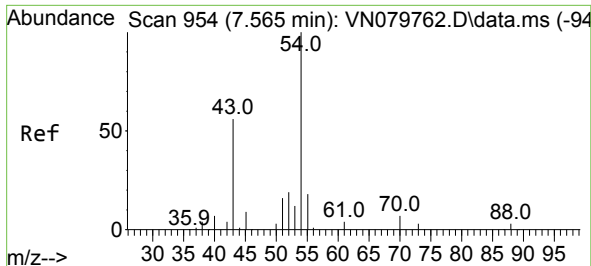
Tgt Ion:113 Resp: 188791
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 17.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 21.566 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion: 75 Resp: 114910
Ion Ratio Lower Upper
75 100
110 32.2 19.1 57.3
77 30.1 25.0 37.4





#37

Ethyl Acetate

Concen: 19.927 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

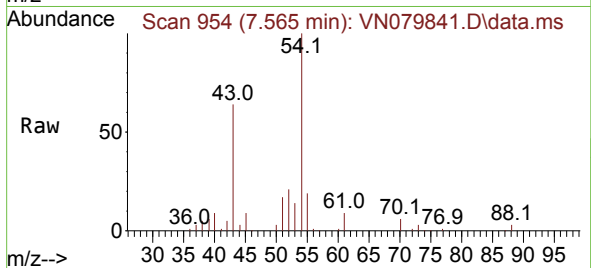
Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :



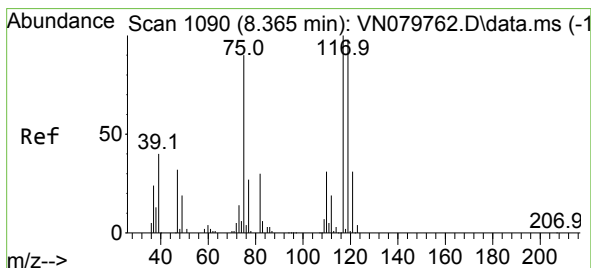
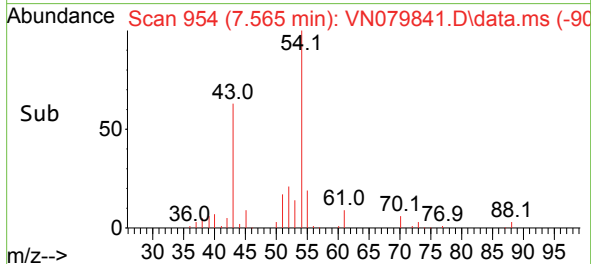
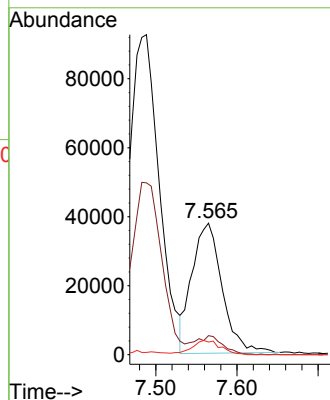
Tgt Ion: 43 Resp: 97375

Ion Ratio Lower Upper

43 100

61 12.6 13.2 19.8#

70 10.5 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 21.029 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

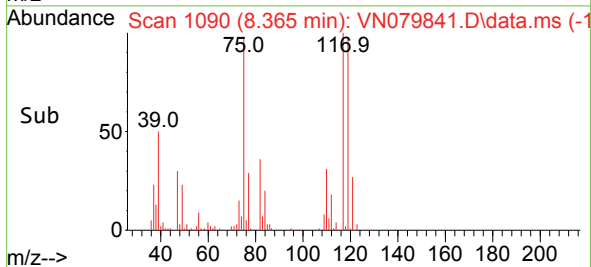
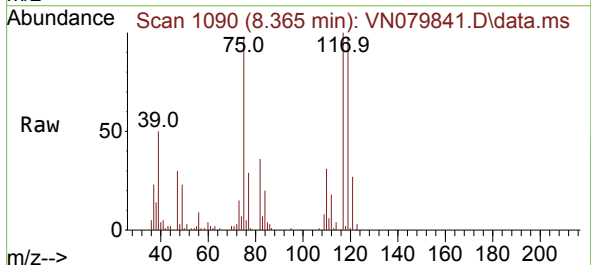
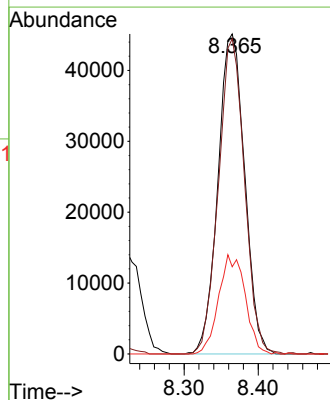
Tgt Ion: 117 Resp: 112923

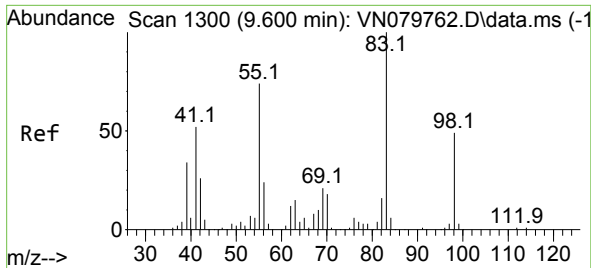
Ion Ratio Lower Upper

117 100

119 98.5 77.3 115.9

121 27.3 23.3 34.9





#39

Methylcyclohexane

Concen: 20.491 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

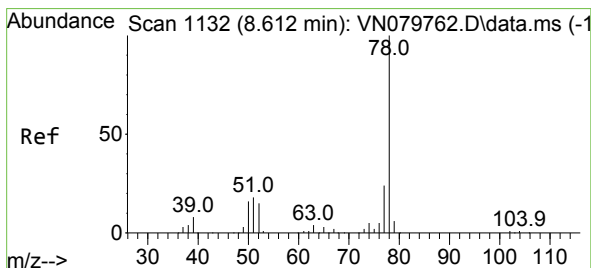
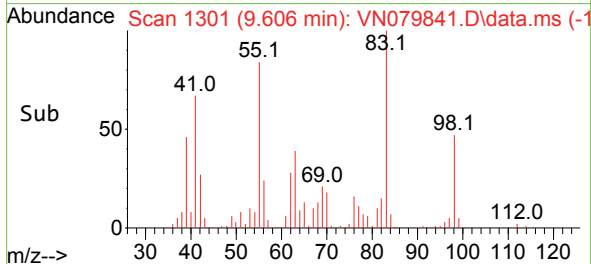
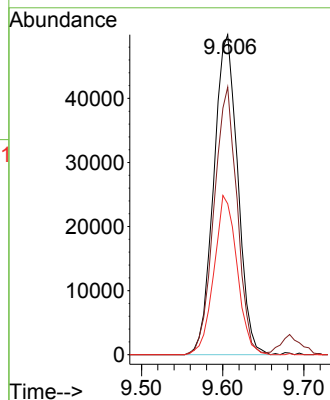
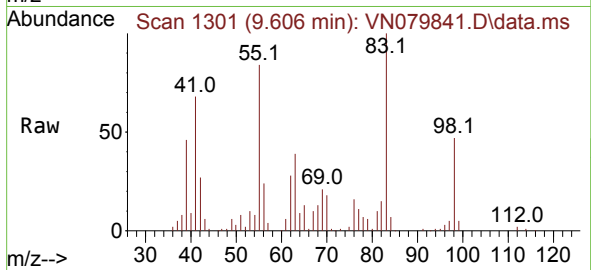
Tgt Ion: 83 Resp: 102752

Ion Ratio Lower Upper

83 100

55 83.7 49.1 73.7#

98 47.2 40.6 61.0



#40

Benzene

Concen: 21.621 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079841.D

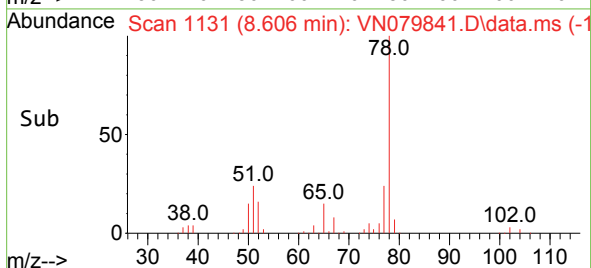
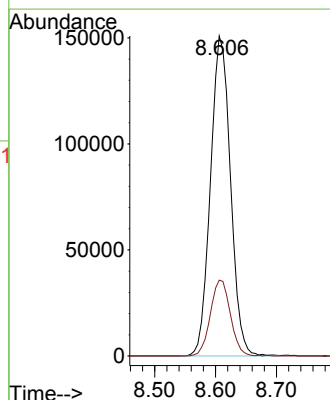
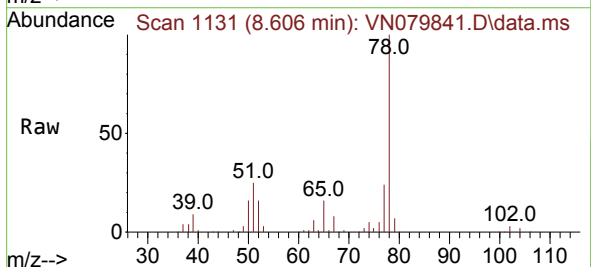
Acq: 03 Nov 2023 11:54

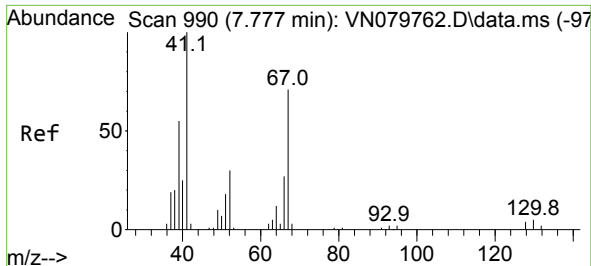
Tgt Ion: 78 Resp: 345053

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

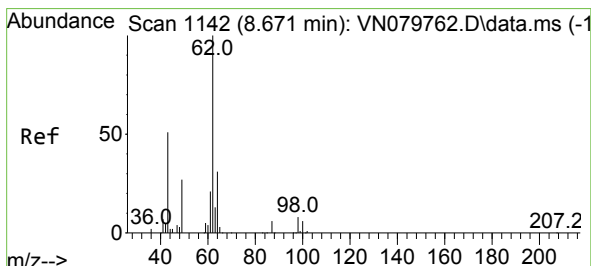
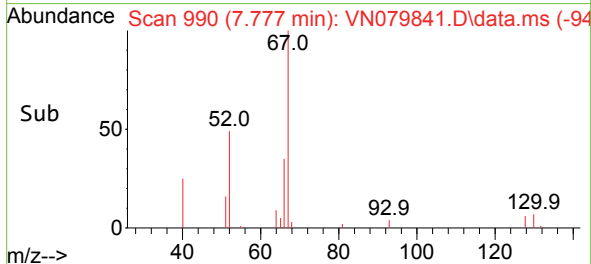
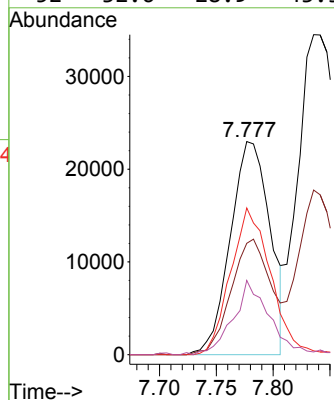
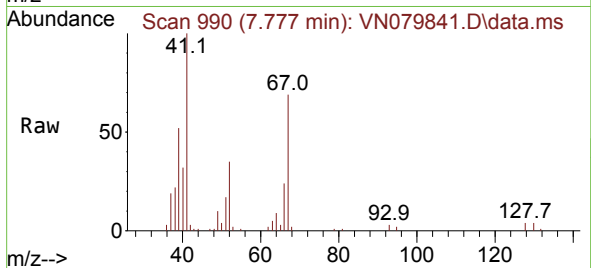




#41
Methacrylonitrile
Concen: 21.549 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

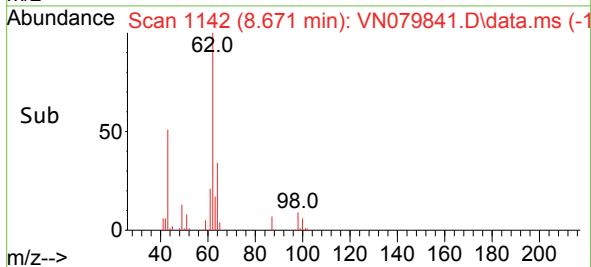
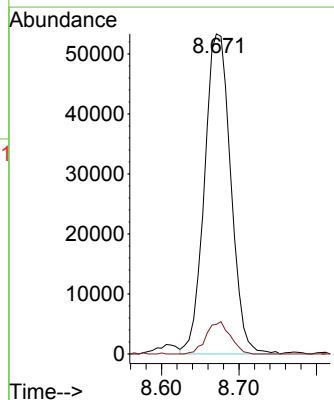
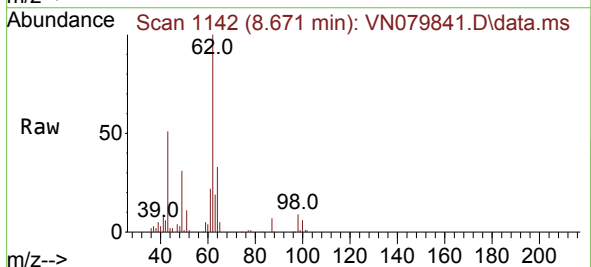
Instrument :
MSVOA_N
ClientSampleId :

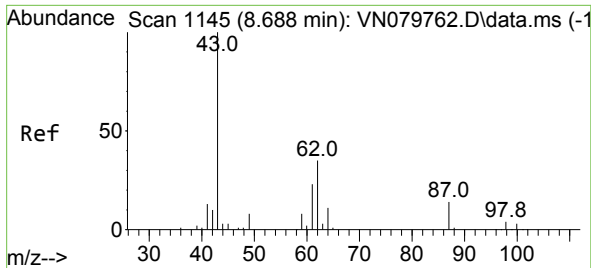
Tgt Ion:	41	Resp:	55918
Ion	Ratio	Lower	Upper
41	100		
39	54.0	42.6	64.0
67	69.7	77.5	116.3
52	32.6	28.9	43.3



#42
1,2-Dichloroethane
Concen: 22.531 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion:	62	Resp:	125603
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8

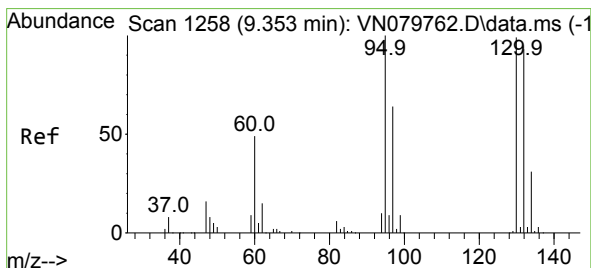
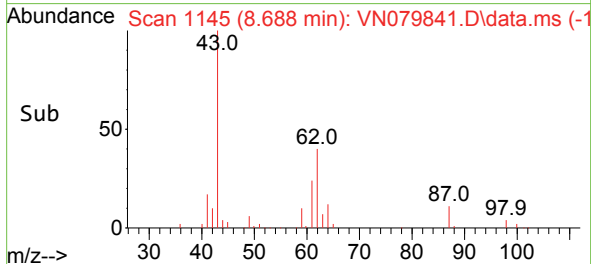
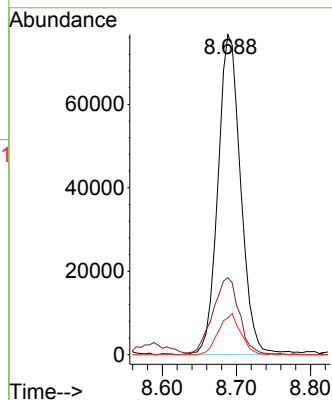
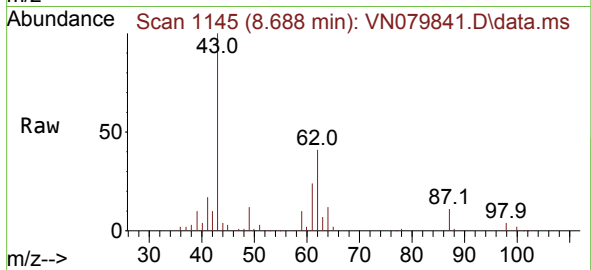




#43
Isopropyl Acetate
Concen: 19.068 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

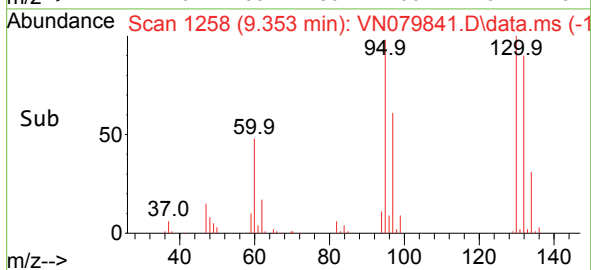
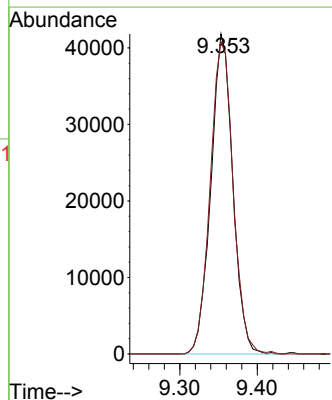
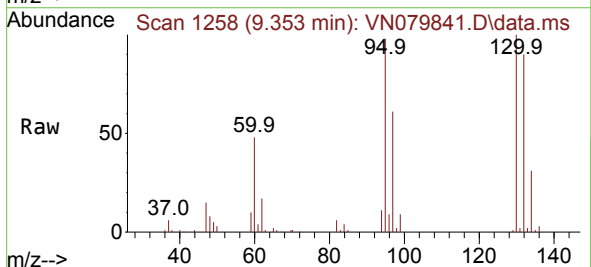
Instrument :
MSVOA_N
ClientSampleId :

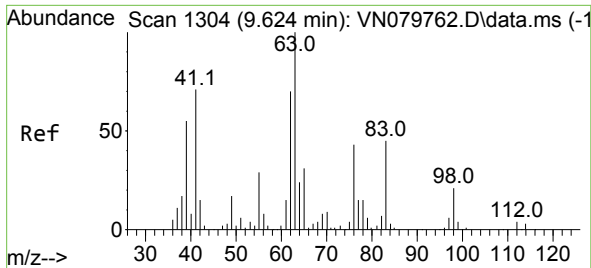
Tgt Ion: 43 Resp: 163411
Ion Ratio Lower Upper
43 100
61 28.2 24.7 37.1
87 12.5 14.6 21.8#



#44
Trichloroethene
Concen: 20.702 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion:130 Resp: 81984
Ion Ratio Lower Upper
130 100
95 97.6 0.0 204.6

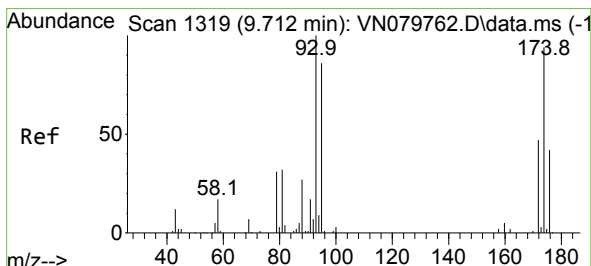
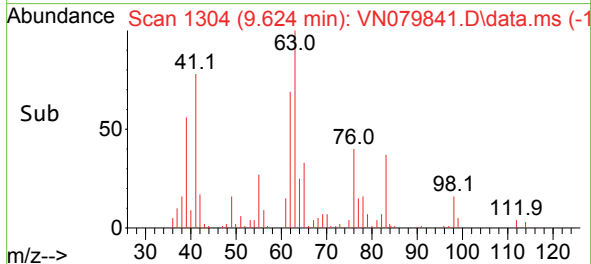
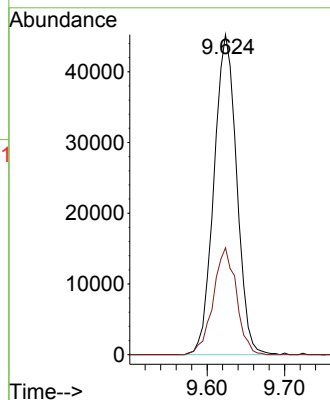
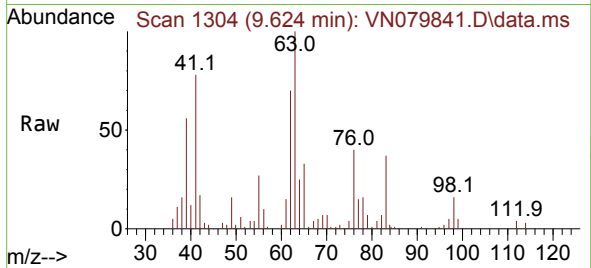




#45
1,2-Dichloropropane
Concen: 22.647 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

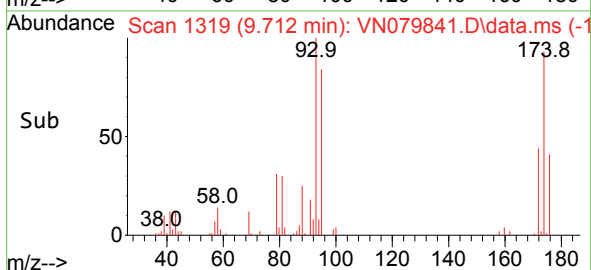
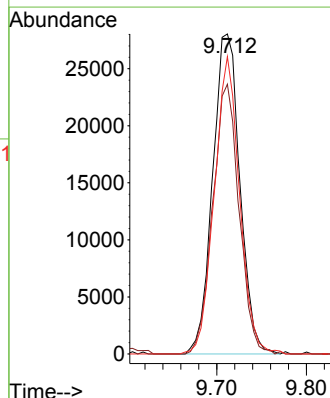
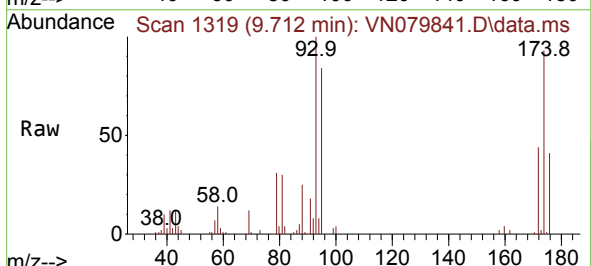
Instrument :
MSVOA_N
ClientSampleId :

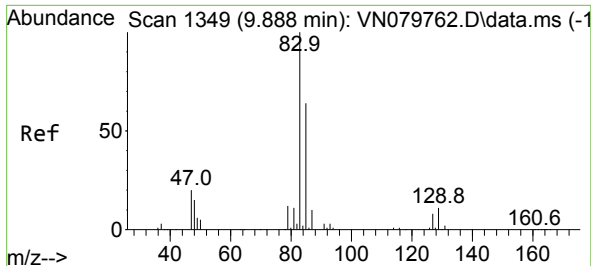
Tgt Ion: 63 Resp: 92365
Ion Ratio Lower Upper
63 100
65 33.4 23.9 35.9



#46
Dibromomethane
Concen: 21.203 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

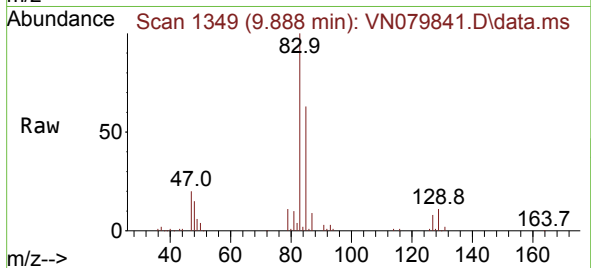
Tgt Ion: 93 Resp: 59045
Ion Ratio Lower Upper
93 100
95 81.3 63.8 95.8
174 86.4 65.6 98.4



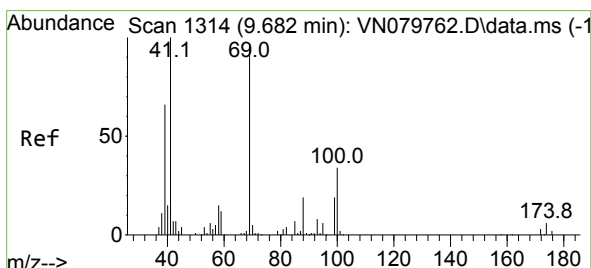
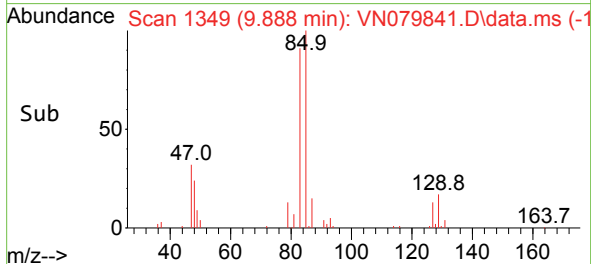
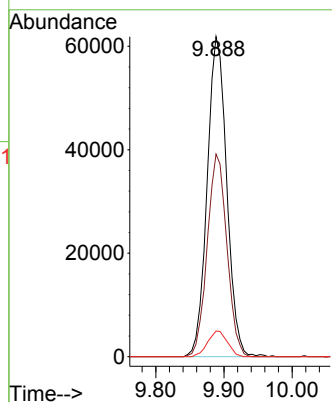


#47
Bromodichloromethane
Concen: 20.786 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Instrument :
MSVOA_N
ClientSampleId :

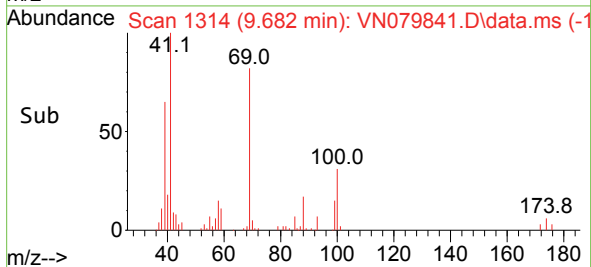
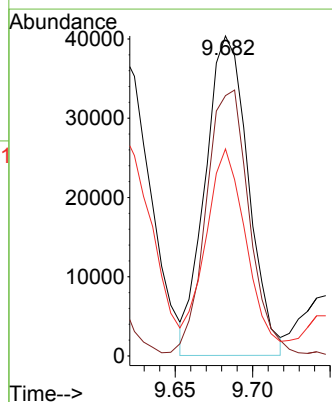
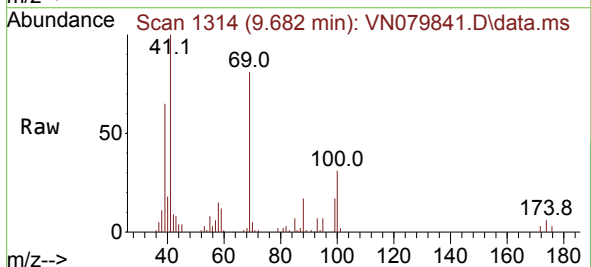


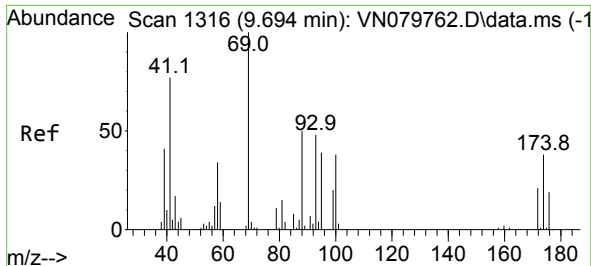
Tgt Ion: 83 Resp: 123452
Ion Ratio Lower Upper
83 100
85 63.3 49.6 74.4
127 8.0 7.0 10.6



#48
Methyl methacrylate
Concen: 20.759 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

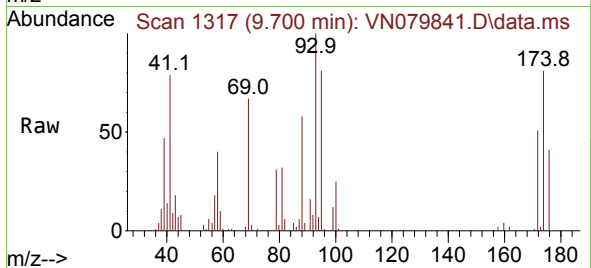
Tgt Ion: 41 Resp: 77923
Ion Ratio Lower Upper
41 100
69 84.7 90.4 135.6#
39 62.5 54.6 81.8



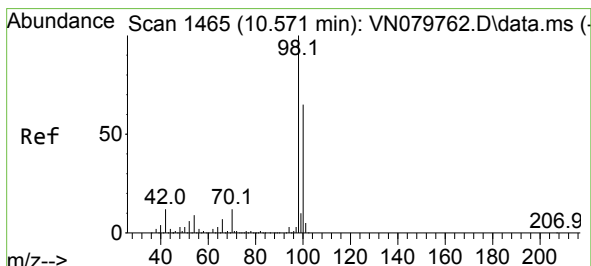
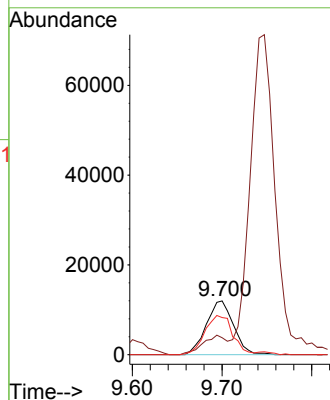
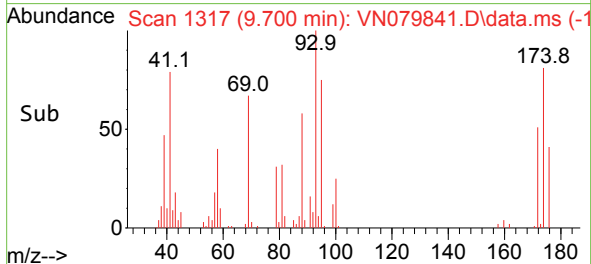


#49
1,4-Dioxane
Concen: 380.269 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Instrument :
MSVOA_N
ClientSampleId :

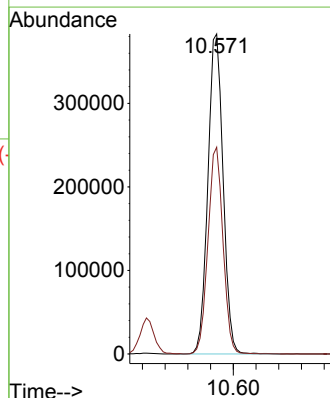
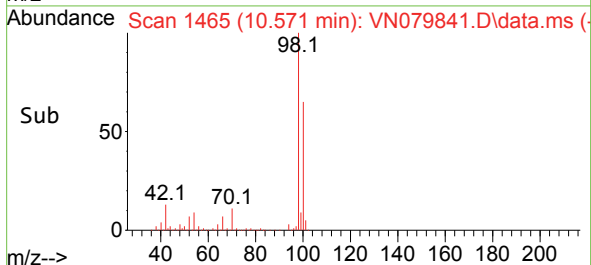
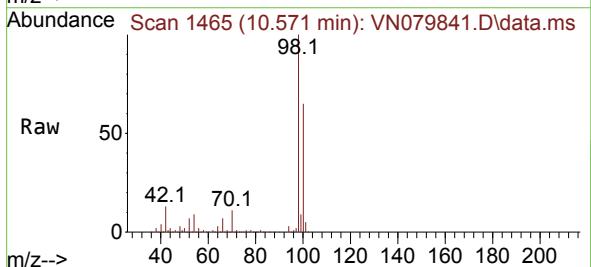


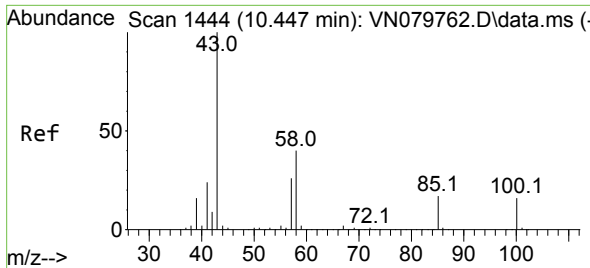
Tgt Ion: 88 Resp: 25222
Ion Ratio Lower Upper
88 100
43 31.0 17.0 25.6#
58 74.4 47.0 70.4#



#50
Toluene-d8
Concen: 51.573 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion: 98 Resp: 708500
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

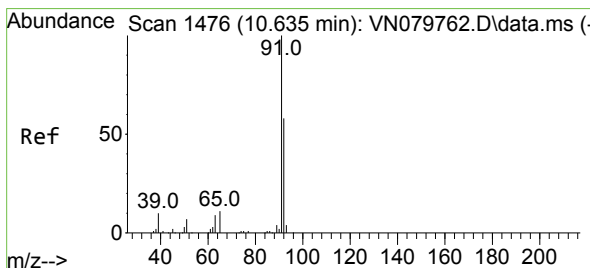
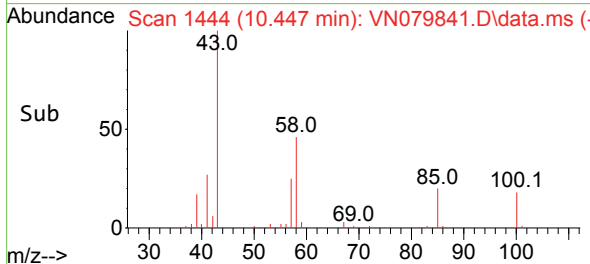
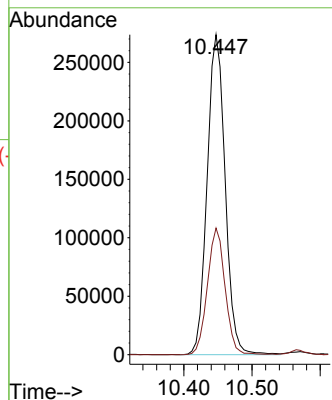
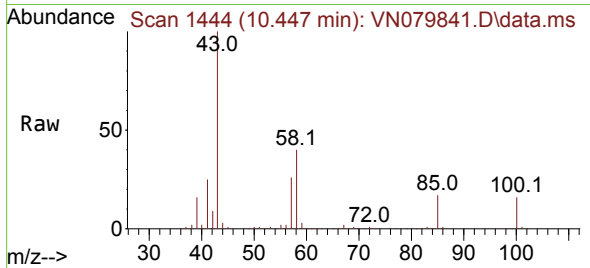




#51
4-Methyl-2-Pentanone
Concen: 104.335 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

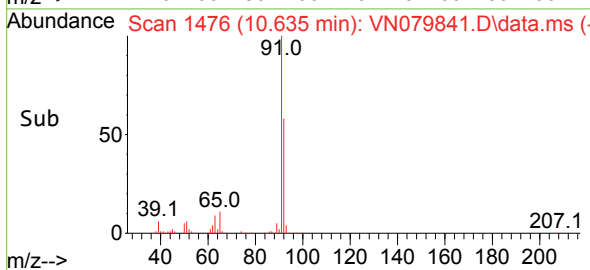
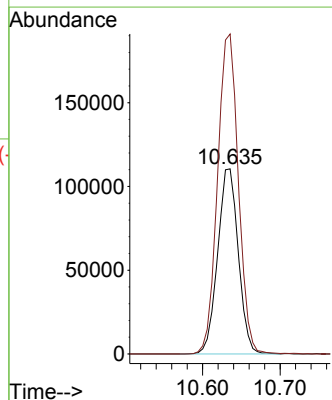
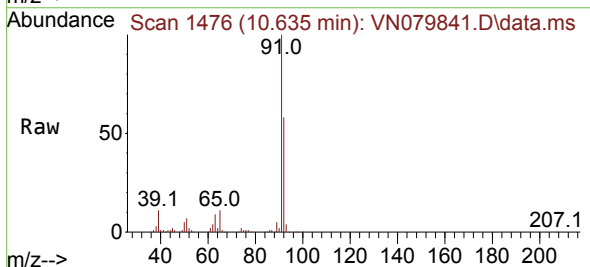
Instrument :
MSVOA_N
ClientSampleId :

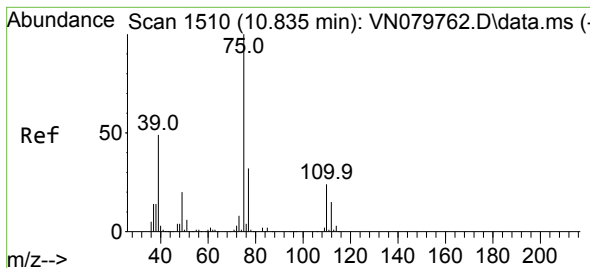
Tgt Ion: 43 Resp: 503385
Ion Ratio Lower Upper
43 100
58 38.9 36.6 54.8



#52
Toluene
Concen: 21.661 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

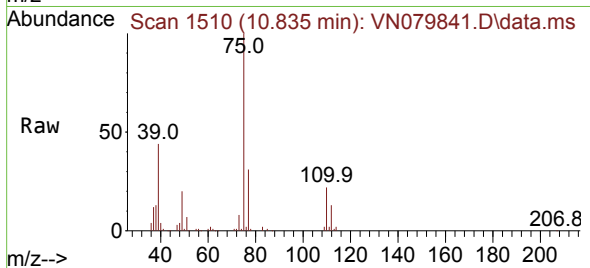
Tgt Ion: 92 Resp: 204934
Ion Ratio Lower Upper
92 100
91 174.3 137.4 206.0



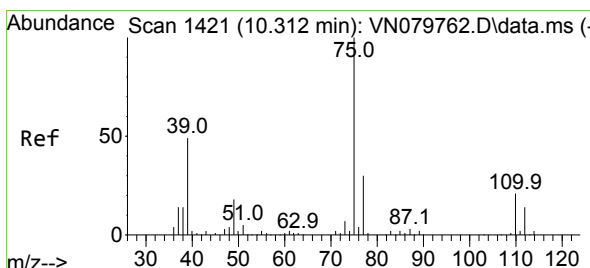
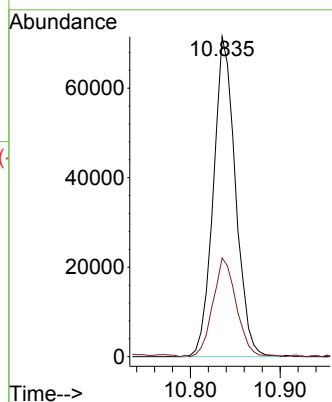
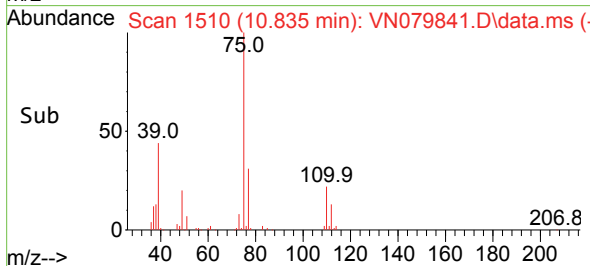


#53
t-1,3-Dichloropropene
Concen: 20.988 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

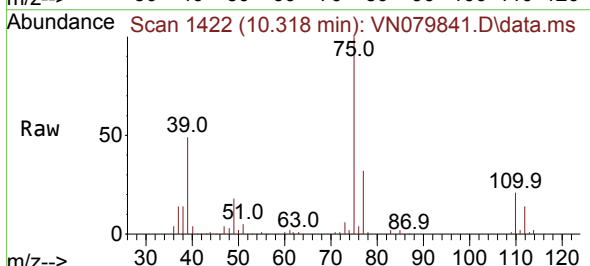
Instrument :
MSVOA_N
ClientSampleId :



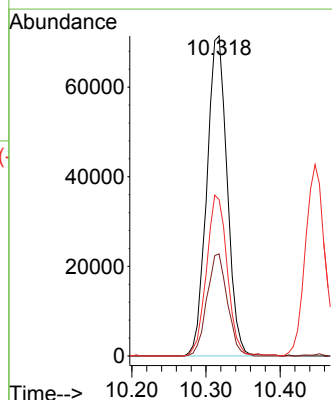
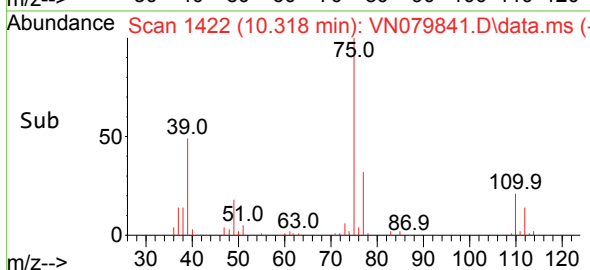
Tgt Ion: 75 Resp: 122197
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0

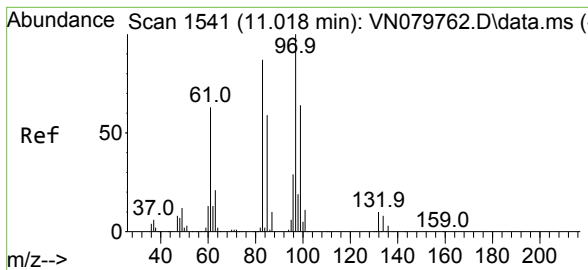


#54
cis-1,3-Dichloropropene
Concen: 21.474 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54



Tgt Ion: 75 Resp: 136275
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
39 48.9 31.6 47.4#

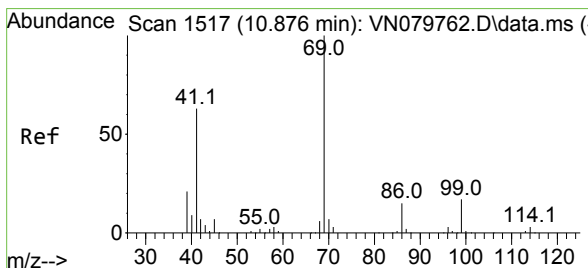
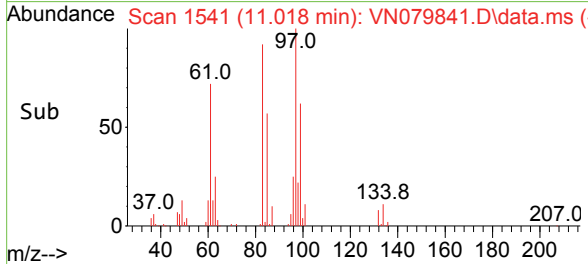
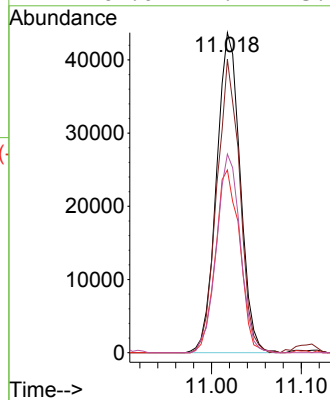
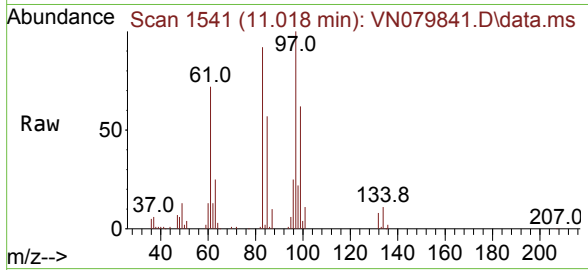




#55
 1,1,2-Trichloroethane
 Concen: 21.013 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN079841.D
 Acq: 03 Nov 2023 11:54

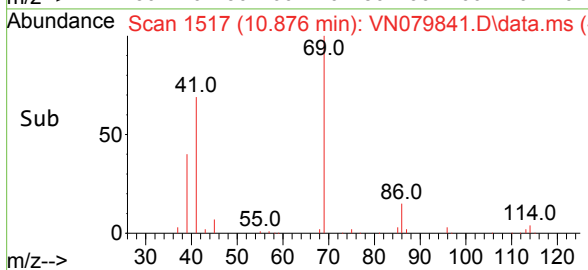
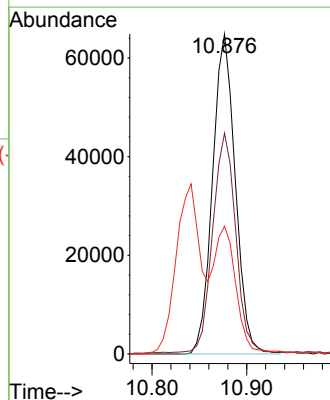
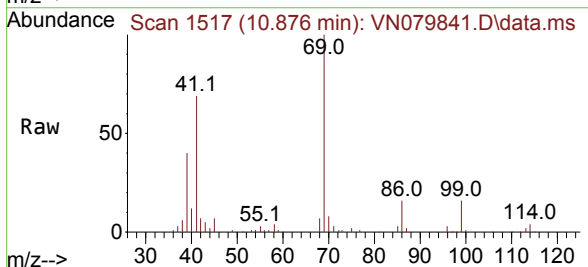
Instrument :
 MSVOA_N
 ClientSampleId :

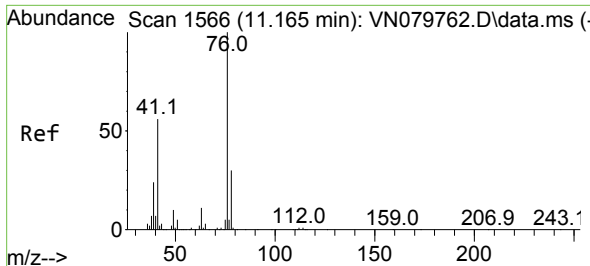
Tgt Ion: 97	Resp: 79965
Ion Ratio	Lower Upper
97 100	
83 91.7	65.1 97.7
85 57.1	43.4 65.2
99 62.0	49.2 73.8



#56
 Ethyl methacrylate
 Concen: 19.937 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: VN079841.D
 Acq: 03 Nov 2023 11:54

Tgt Ion: 69	Resp: 108221
Ion Ratio	Lower Upper
69 100	
41 71.4	39.6 59.4#
39 38.7	28.6 43.0





#57

1,3-Dichloropropane

Concen: 21.652 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Instrument :

MSVOA_N

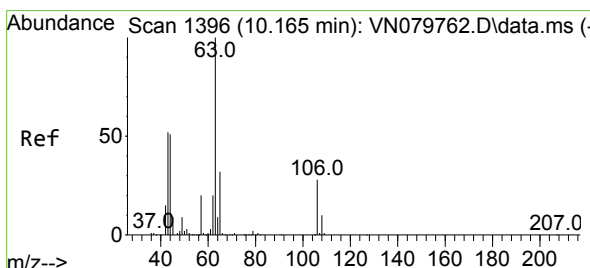
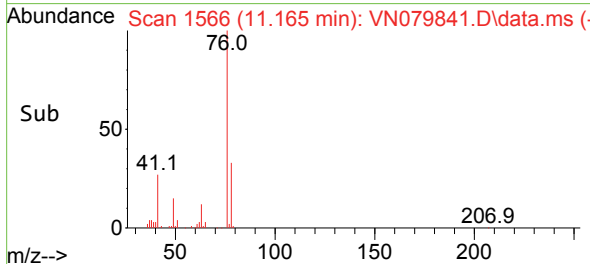
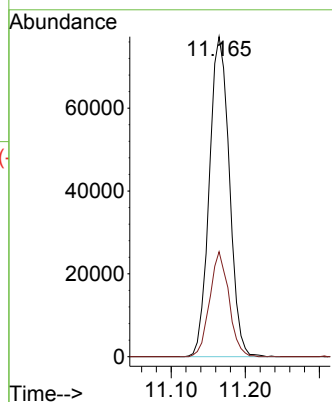
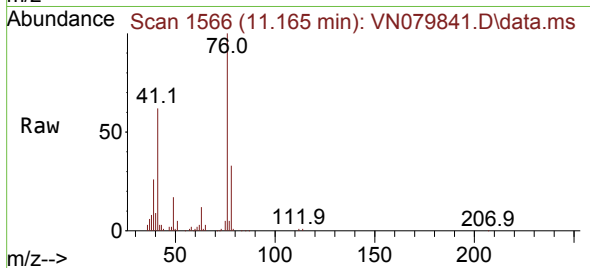
ClientSampleId :

Tgt Ion: 76 Resp: 145237

Ion Ratio Lower Upper

76 100

78 31.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 95.919 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079841.D

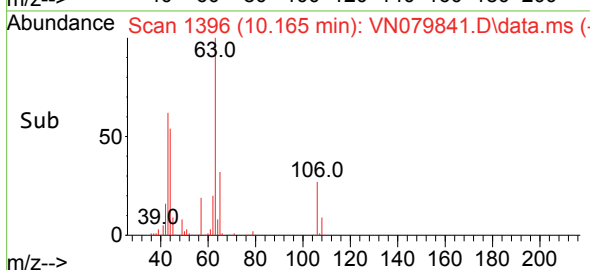
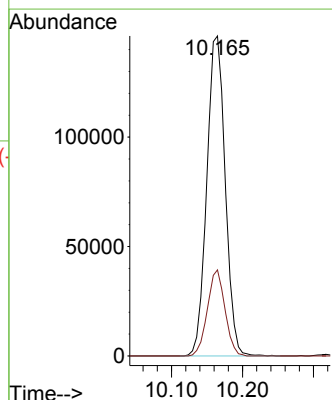
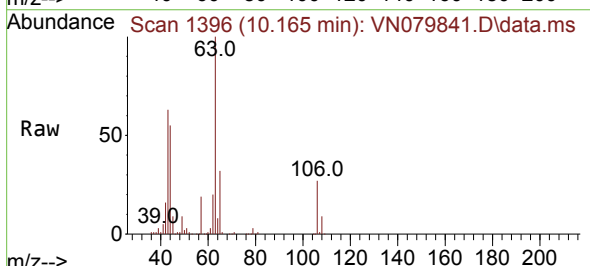
Acq: 03 Nov 2023 11:54

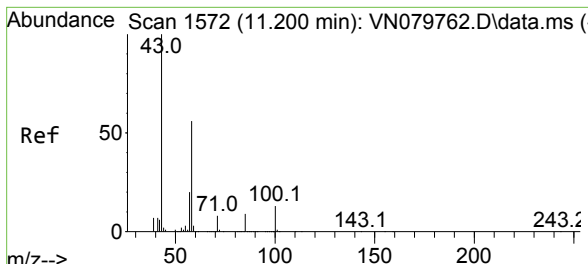
Tgt Ion: 63 Resp: 263888

Ion Ratio Lower Upper

63 100

106 25.6 26.2 39.4#

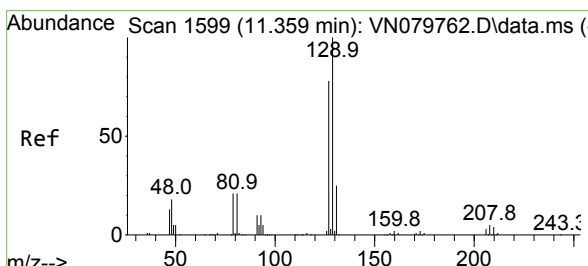
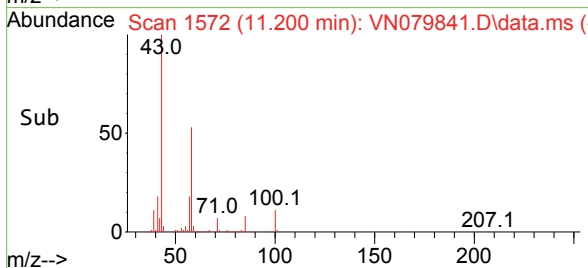
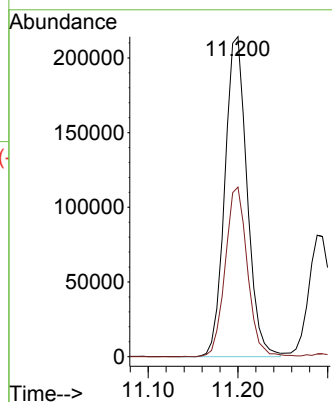
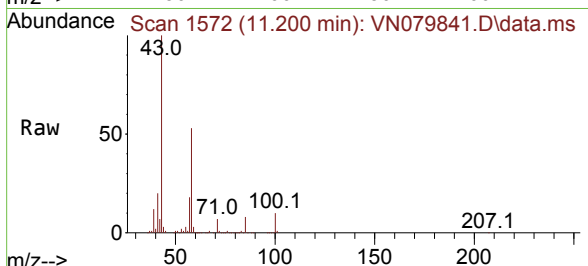




#59
2-Hexanone
Concen: 99.901 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

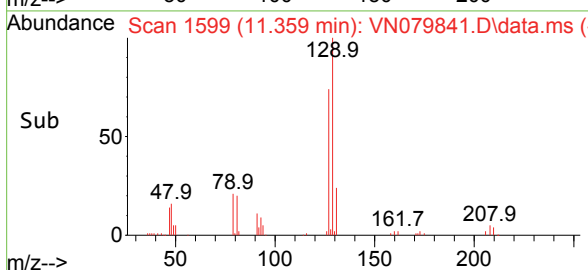
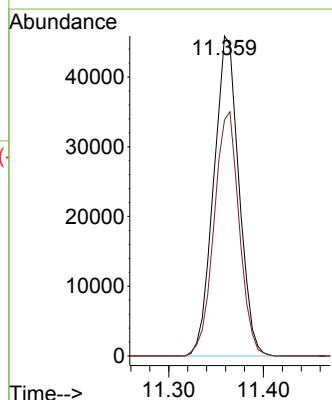
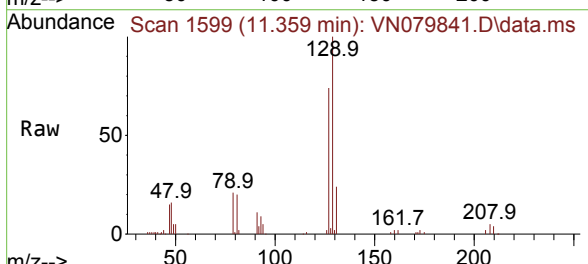
Instrument :
MSVOA_N
ClientSampleId :

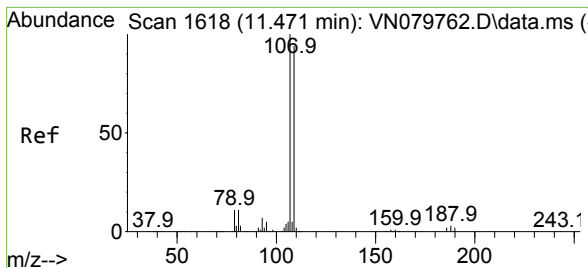
Tgt Ion: 43 Resp: 368724
Ion Ratio Lower Upper
43 100
58 52.9 31.7 95.1



#60
Dibromochloromethane
Concen: 20.834 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion: 129 Resp: 84865
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0

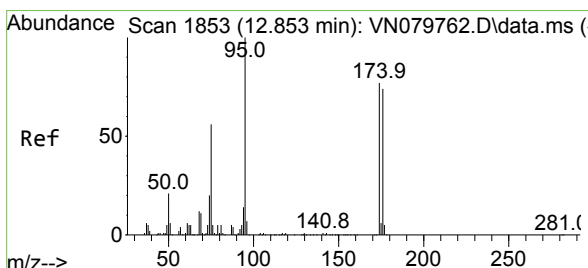
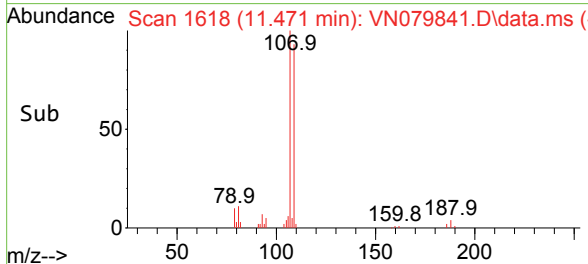
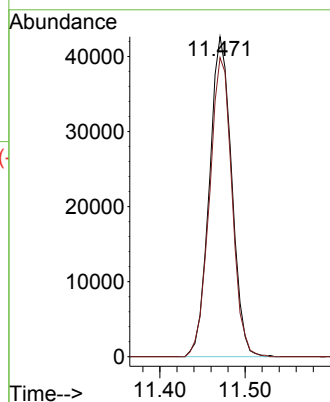
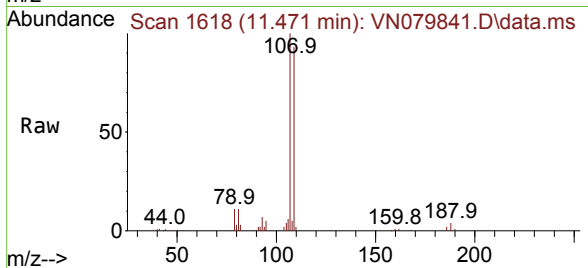




#61
1,2-Dibromoethane
Concen: 20.308 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

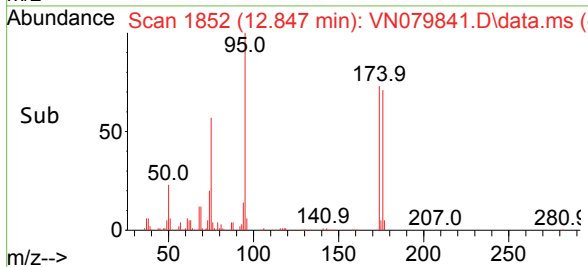
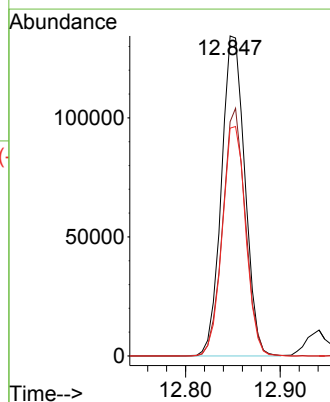
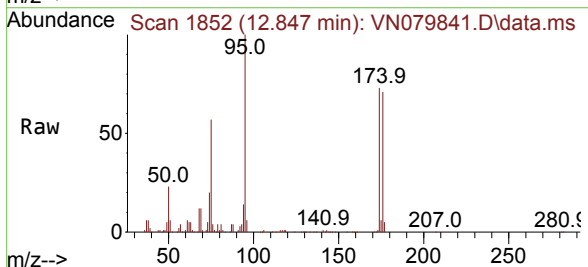
Instrument :
MSVOA_N
ClientSampleId :

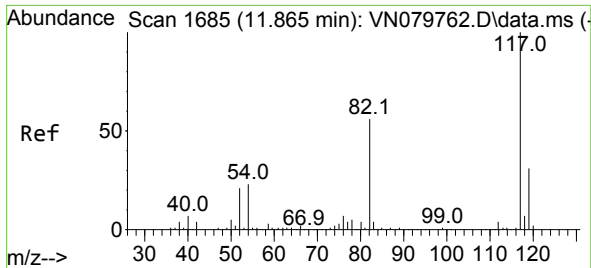
Tgt Ion:107 Resp: 77566
Ion Ratio Lower Upper
107 100
109 93.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.755 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion: 95 Resp: 231246
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 71.7 0.0 135.8

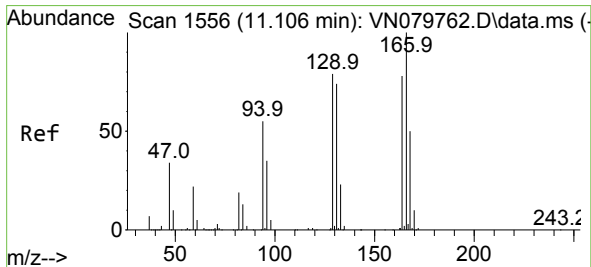
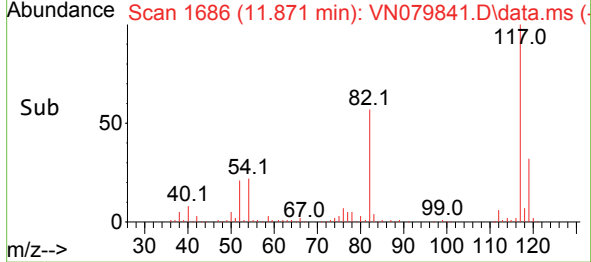
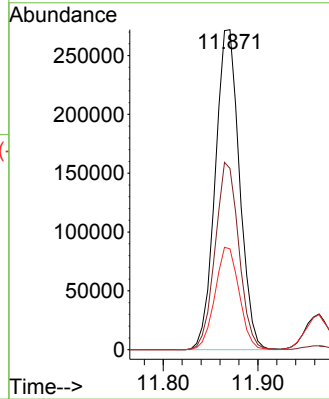
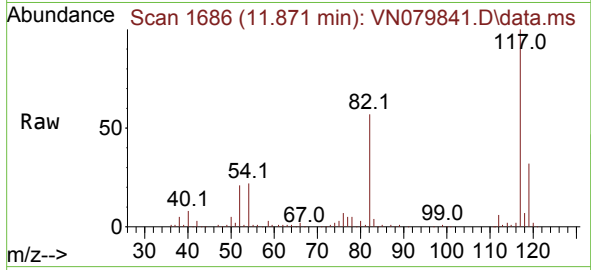




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

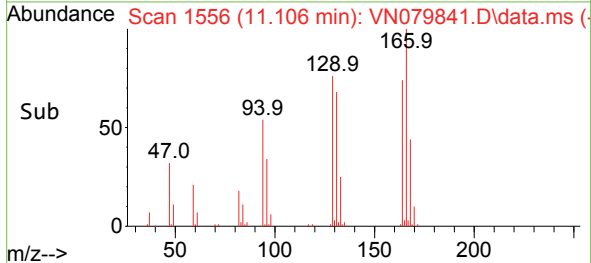
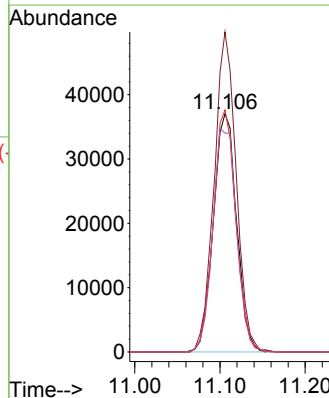
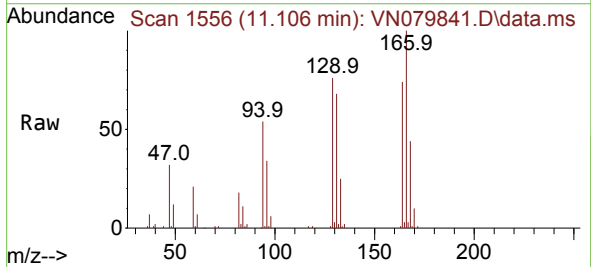
Instrument :
MSVOA_N
ClientSampleId :

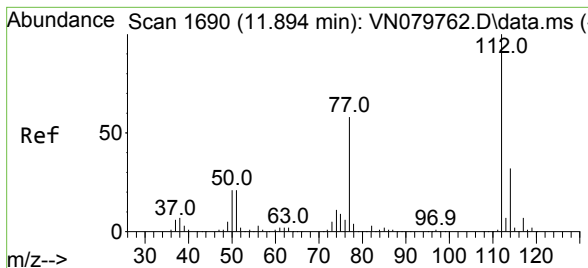
Tgt Ion:117 Resp: 484426
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 31.5 25.6 38.4



#64
Tetrachloroethene
Concen: 22.334 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion:164 Resp: 70070
Ion Ratio Lower Upper
164 100
166 134.3 101.4 152.0
129 101.6 82.4 123.6
131 91.8 78.2 117.4

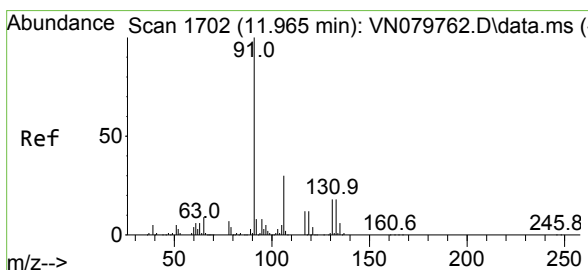
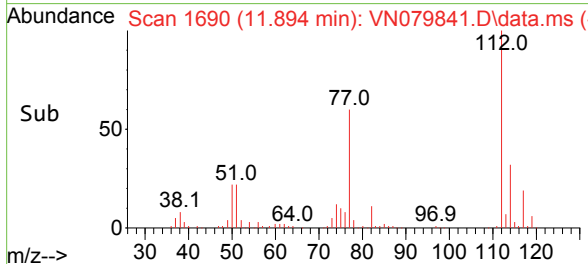
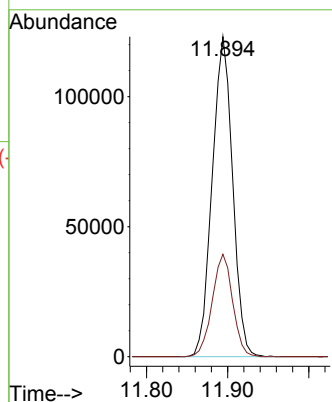
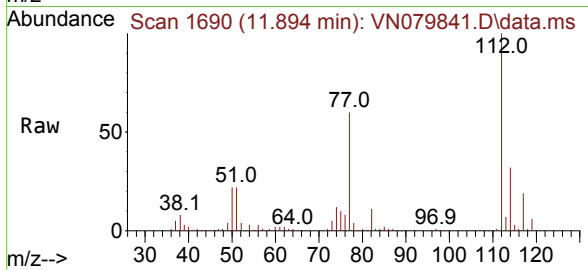




#65
Chlorobenzene
Concen: 20.454 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

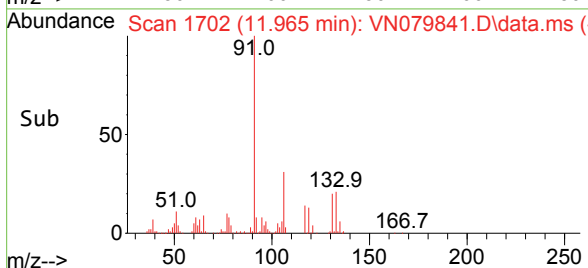
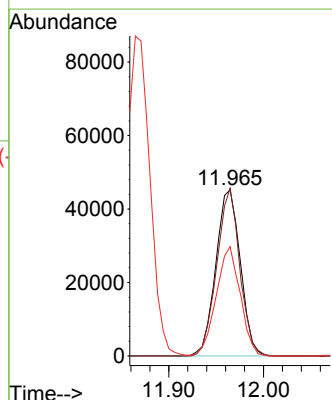
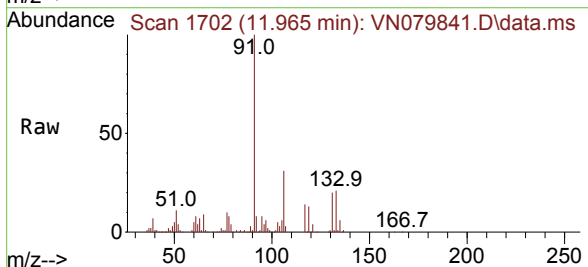
Instrument :
MSVOA_N
ClientSampleId :

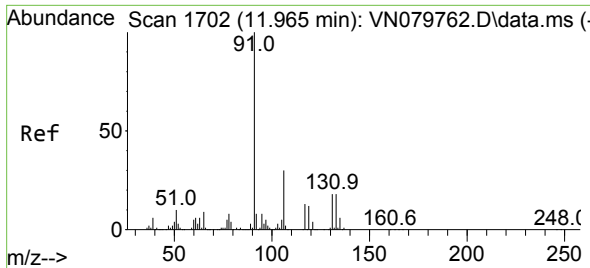
Tgt Ion:112 Resp: 214932
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.468 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion:131 Resp: 81279
Ion Ratio Lower Upper
131 100
133 94.5 46.4 139.1
119 64.5 34.1 102.2

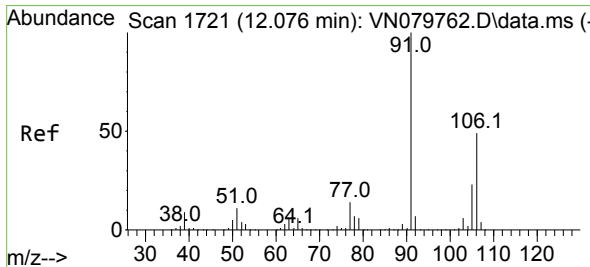
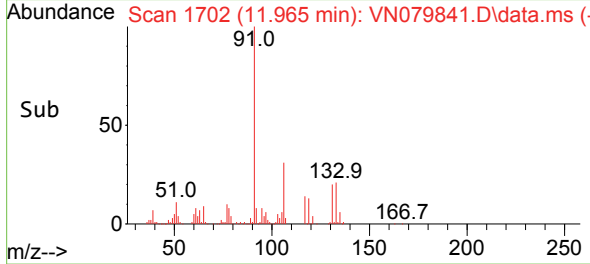
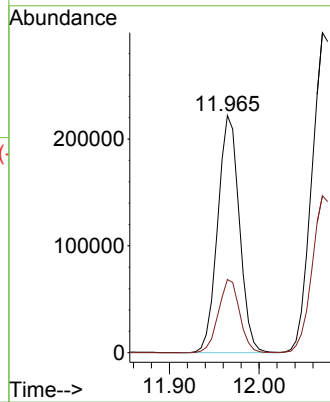
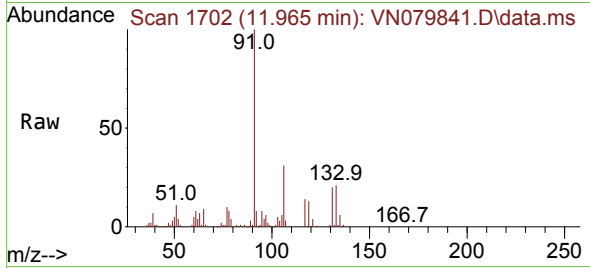




#67
Ethyl Benzene
Concen: 20.335 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

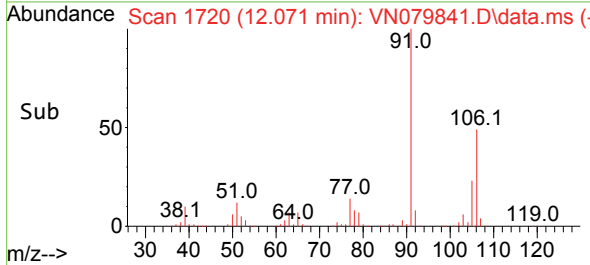
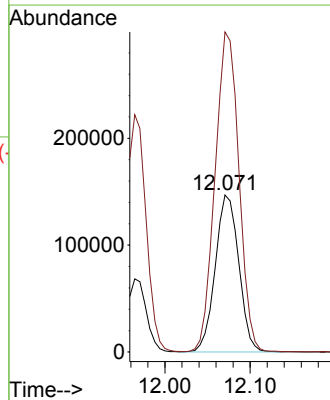
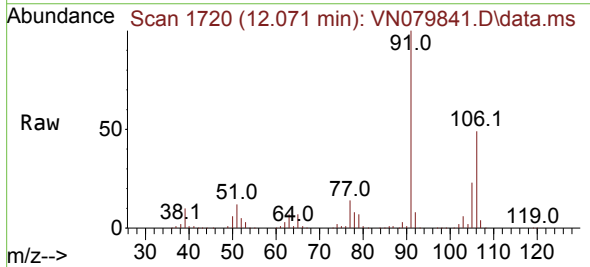
Instrument :
MSVOA_N
ClientSampleId :

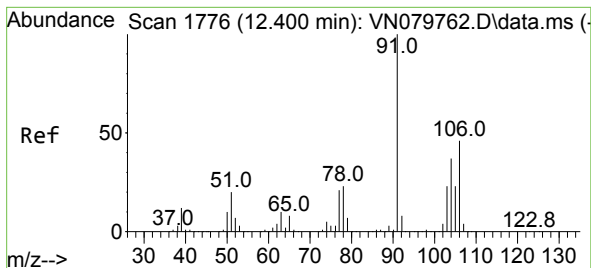
Tgt Ion: 91 Resp: 372285
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4



#68
m/p-Xylenes
Concen: 41.372 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion:106 Resp: 282153
Ion Ratio Lower Upper
106 100
91 206.8 159.6 239.4





#69

o-Xylene

Concen: 20.510 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Instrument :

MSVOA_N

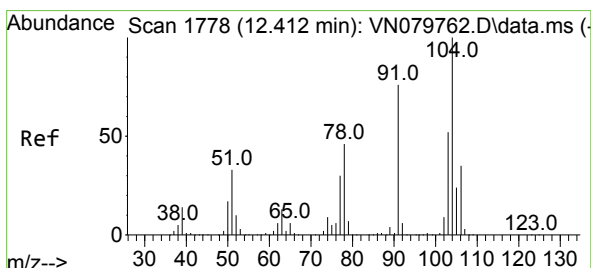
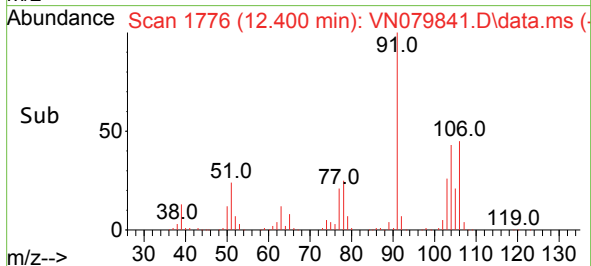
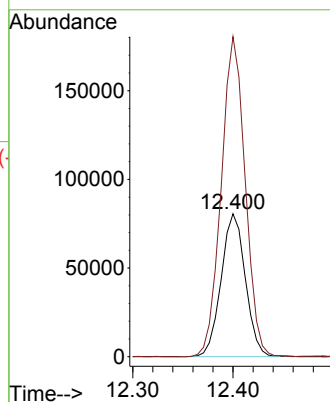
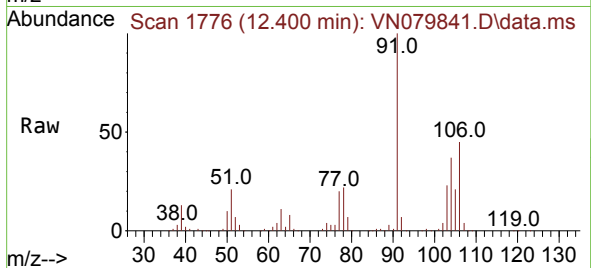
ClientSampleId :

Tgt Ion:106 Resp: 134698

Ion Ratio Lower Upper

106 100

91 221.8 105.2 315.5



#70

Styrene

Concen: 21.409 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

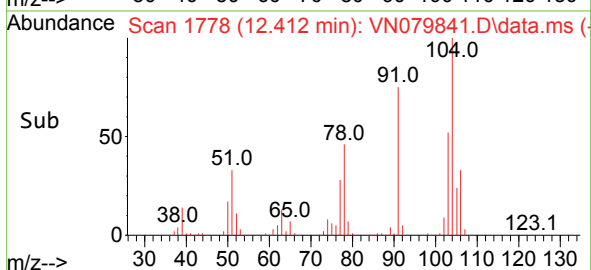
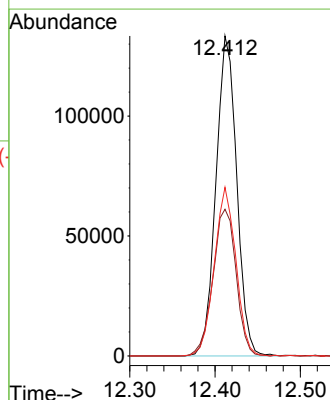
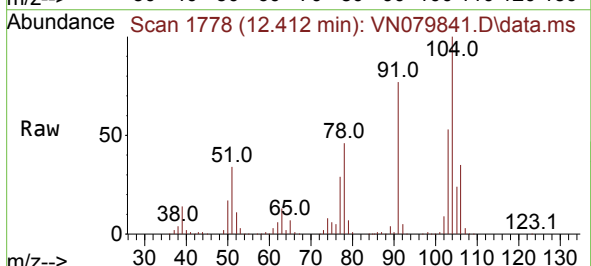
Tgt Ion:104 Resp: 225958

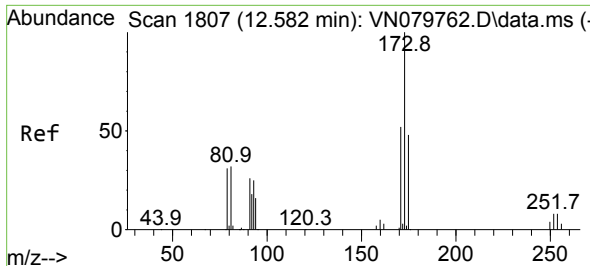
Ion Ratio Lower Upper

104 100

78 51.2 39.5 59.3

103 54.8 43.2 64.8

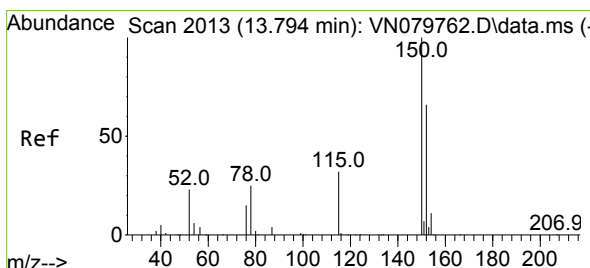
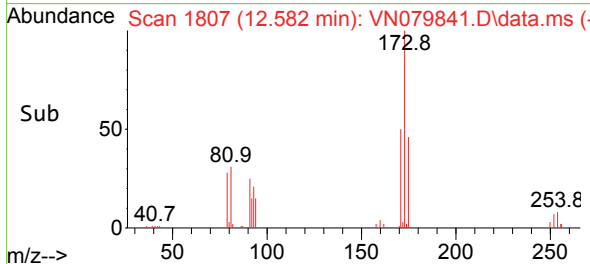
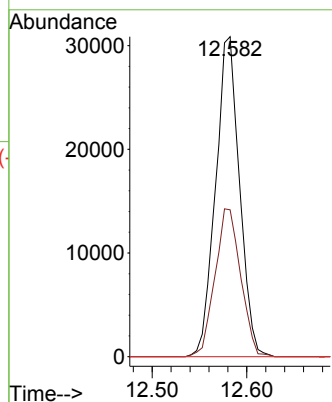
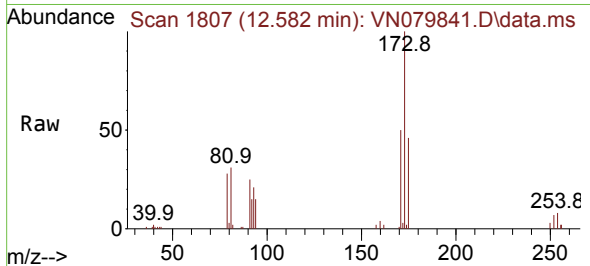




#71
Bromoform
Concen: 20.186 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

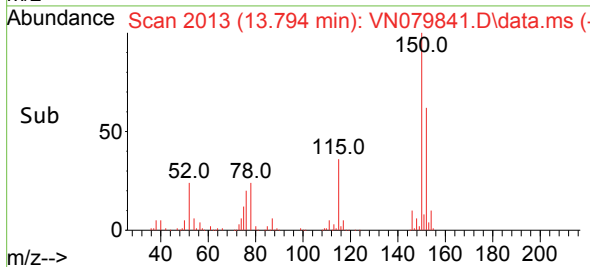
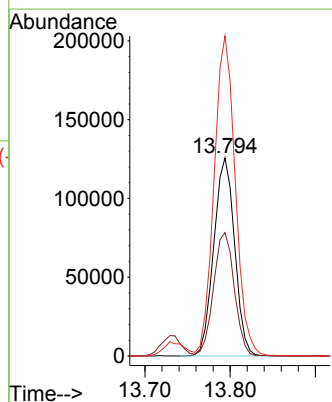
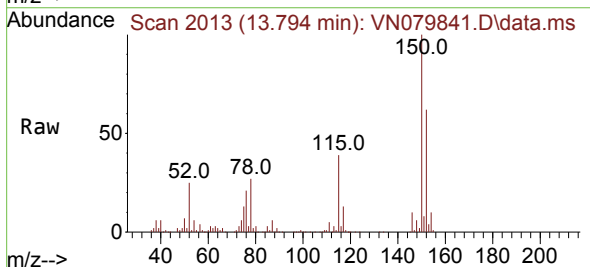
Instrument :
MSVOA_N
ClientSampleId :

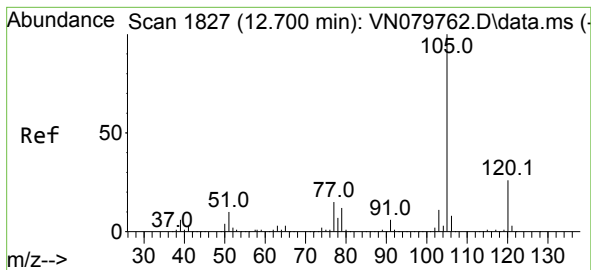
Tgt Ion:173 Resp: 54267
Ion Ratio Lower Upper
173 100
175 49.5 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion:152 Resp: 213799
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 164.2 0.0 355.8





#73

Isopropylbenzene

Concen: 20.676 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Instrument :

MSVOA_N

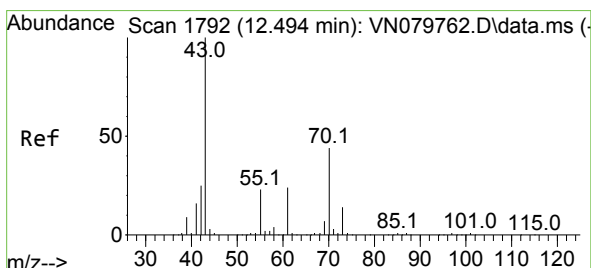
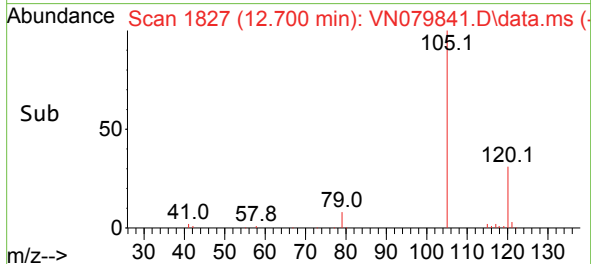
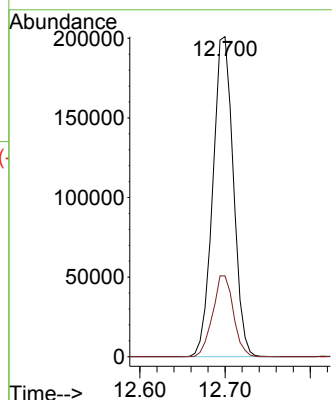
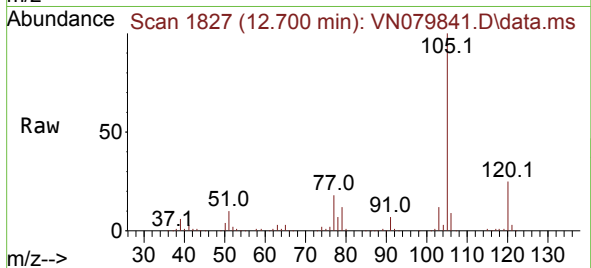
ClientSampleId :

Tgt Ion:105 Resp: 335487

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.1



#74

N-ethyl acetate

Concen: 18.872 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Tgt Ion: 43 Resp: 133663

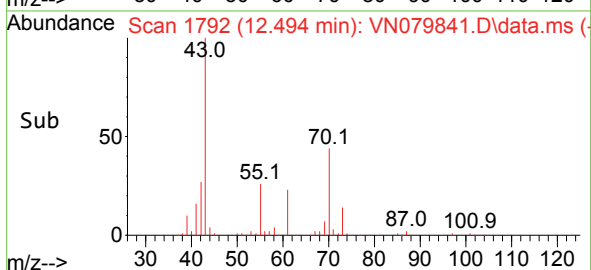
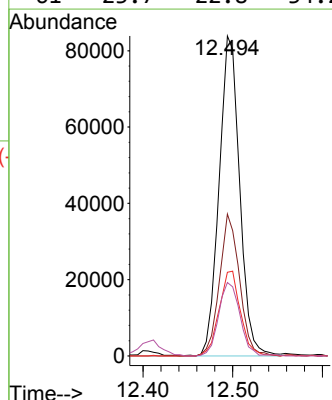
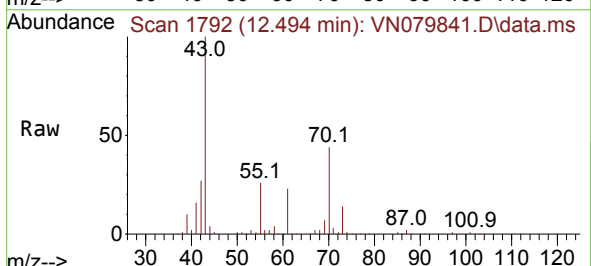
Ion Ratio Lower Upper

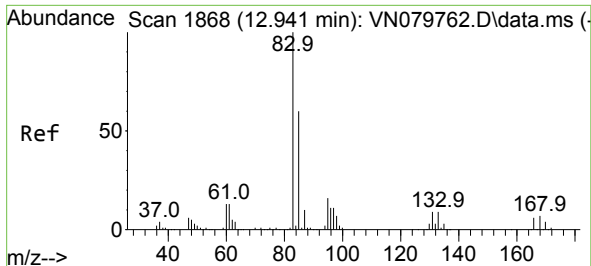
43 100

70 43.1 43.4 65.2#

55 27.6 21.4 32.0

61 23.7 22.8 34.2

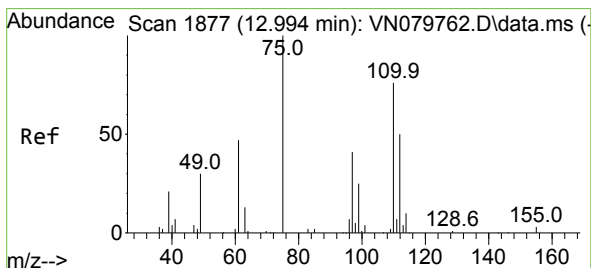
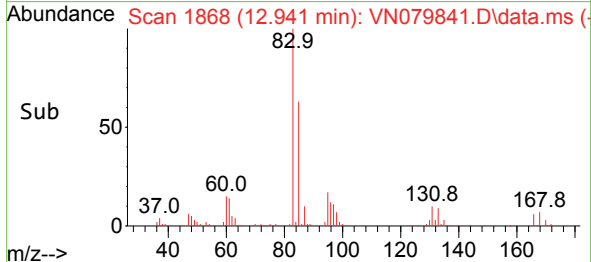
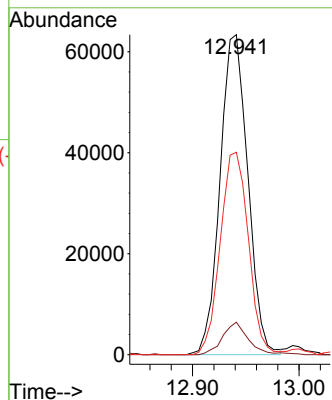
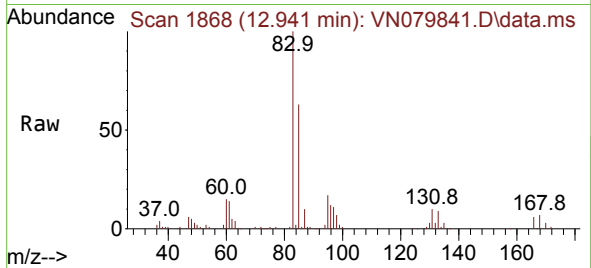




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.963 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079841.D
 Acq: 03 Nov 2023 11:54

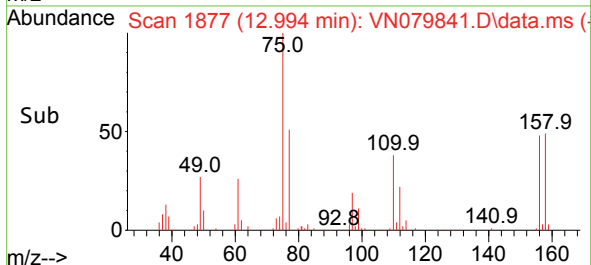
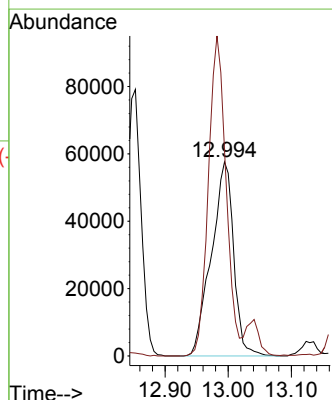
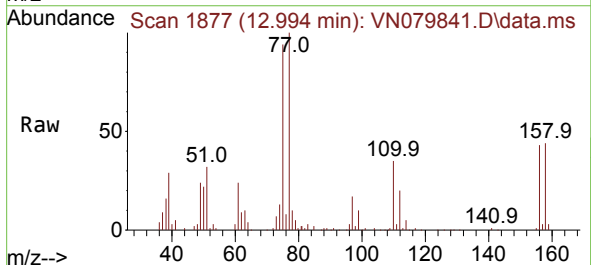
Instrument :
 MSVOA_N
 ClientSampleId :

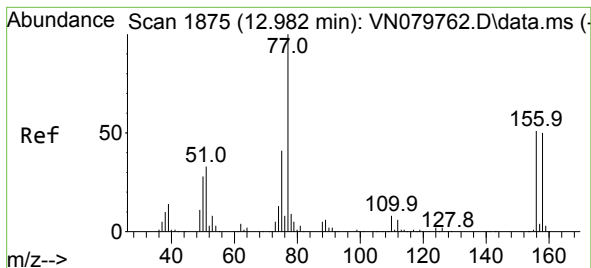
Tgt Ion: 83 Resp: 114850
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.0 15.0
 85 64.3 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 28.166 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN079841.D
 Acq: 03 Nov 2023 11:54

Tgt Ion: 75 Resp: 141378
 Ion Ratio Lower Upper
 75 100
 77 130.2 84.5 253.5





#77

Bromobenzene

Concen: 20.722 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

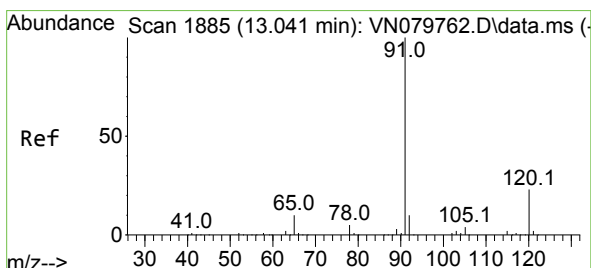
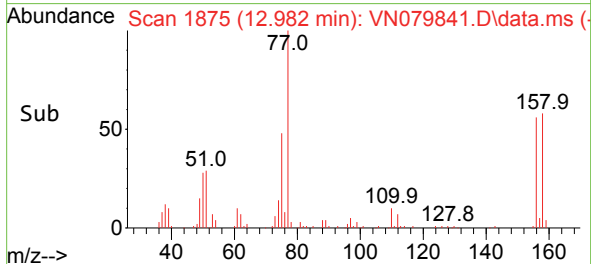
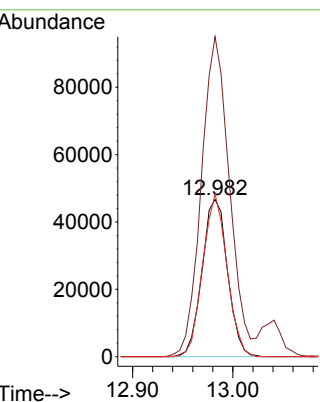
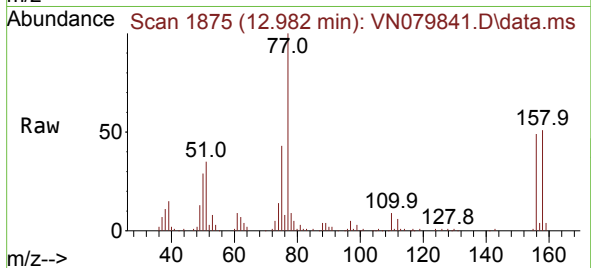
Tgt Ion:156 Resp: 82321

Ion Ratio Lower Upper

156 100

77 223.6 107.7 323.3

158 98.7 48.4 145.3



#78

n-propylbenzene

Concen: 21.743 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN079841.D

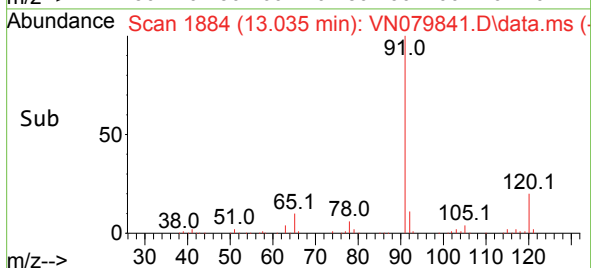
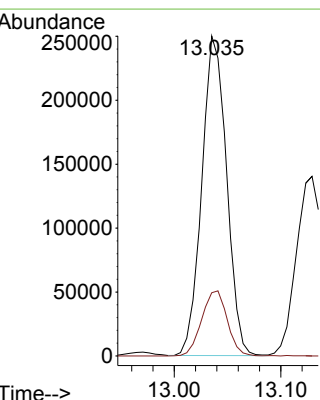
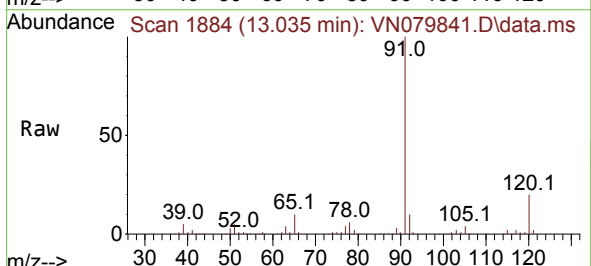
Acq: 03 Nov 2023 11:54

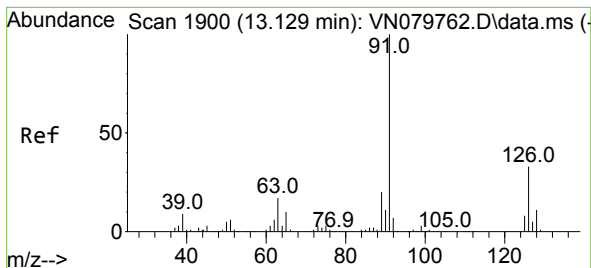
Tgt Ion: 91 Resp: 404020

Ion Ratio Lower Upper

91 100

120 21.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.842 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Instrument :

MSVOA_N

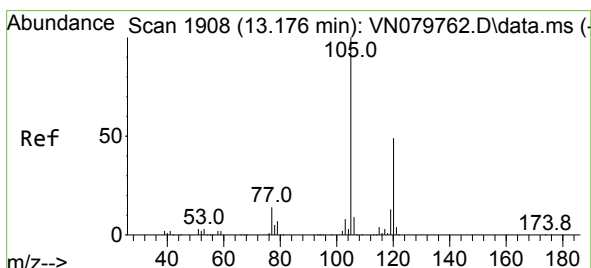
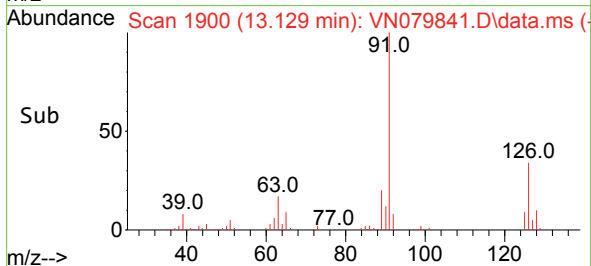
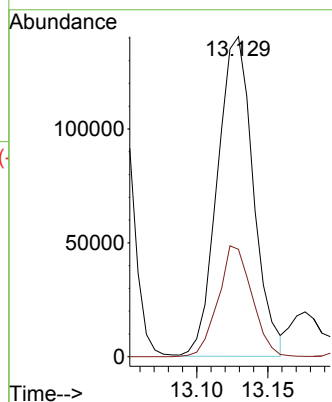
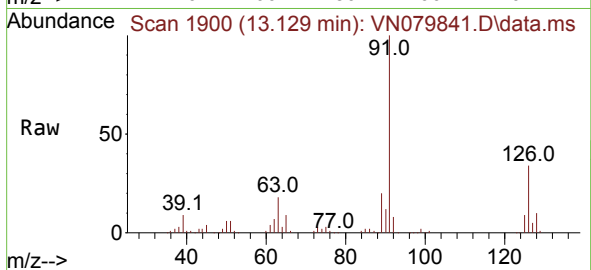
ClientSampleId :

Tgt Ion: 91 Resp: 247399

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 21.393 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079841.D

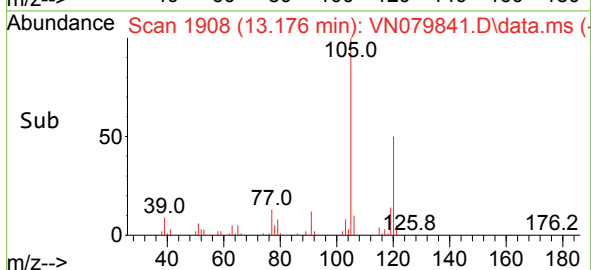
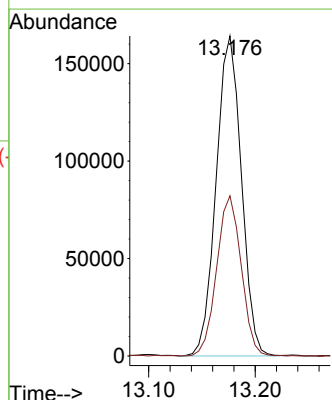
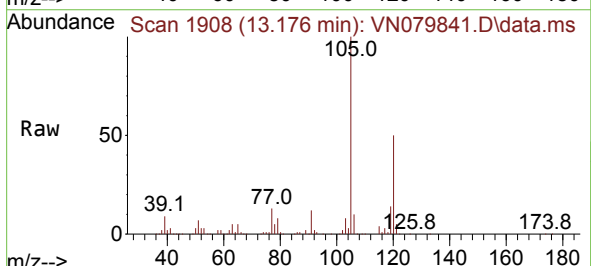
Acq: 03 Nov 2023 11:54

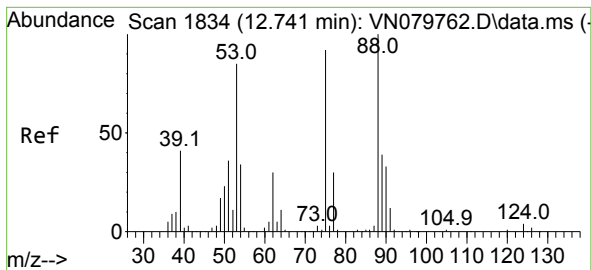
Tgt Ion: 105 Resp: 270066

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.3

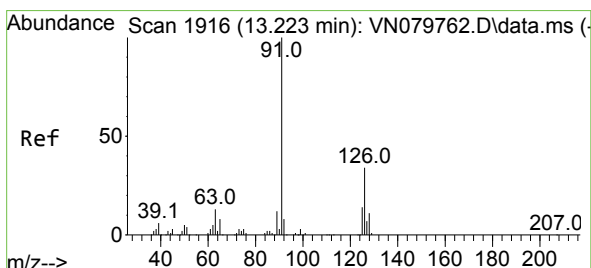
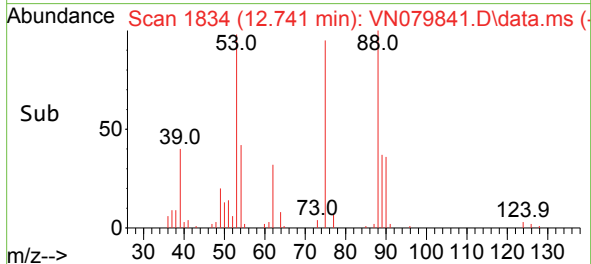
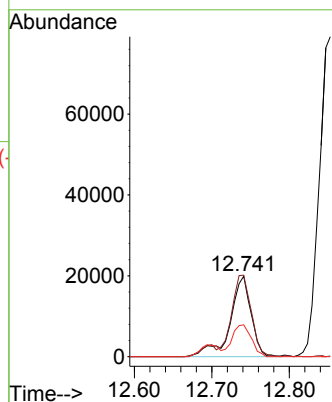
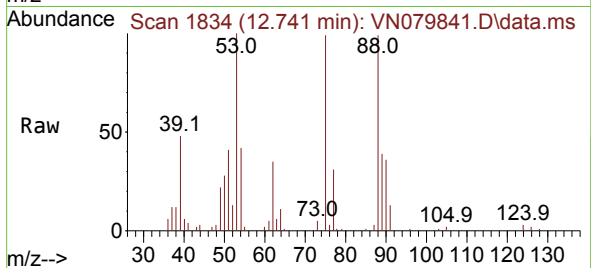




#81
trans-1,4-Dichloro-2-butene
Concen: 20.324 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

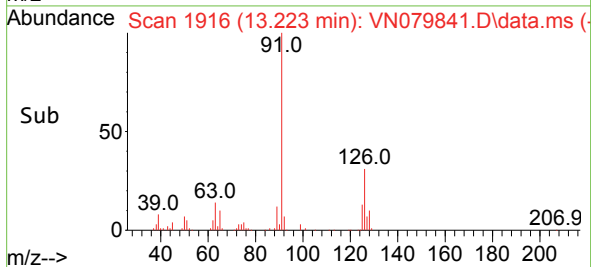
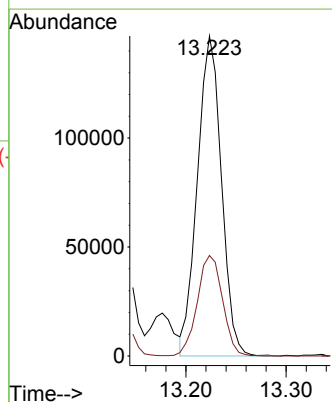
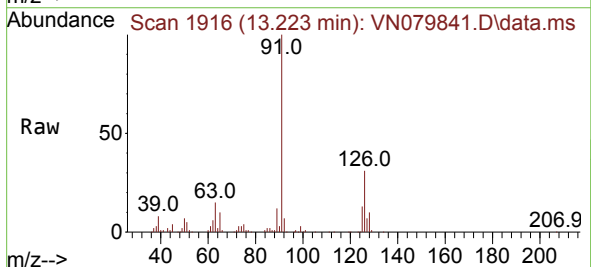
Instrument :
MSVOA_N
ClientSampleId :

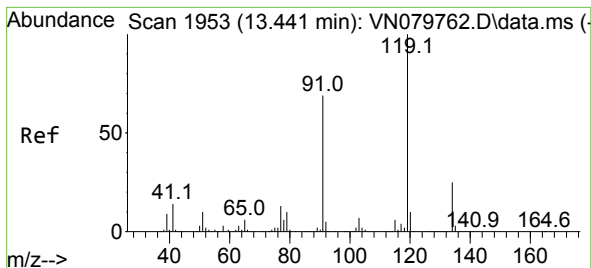
Tgt Ion: 75 Resp: 37495
Ion Ratio Lower Upper
75 100
53 94.8 67.4 101.2
89 36.8 38.8 58.2#



#82
4-Chlorotoluene
Concen: 20.777 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

Tgt Ion: 91 Resp: 245076
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 21.481 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

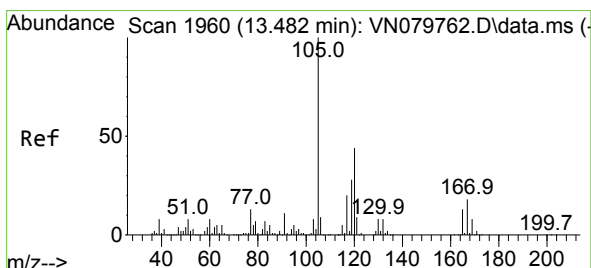
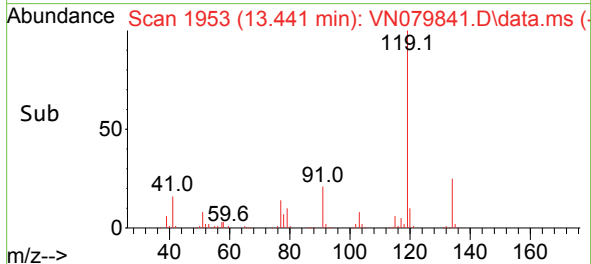
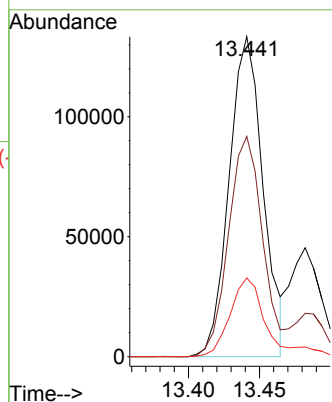
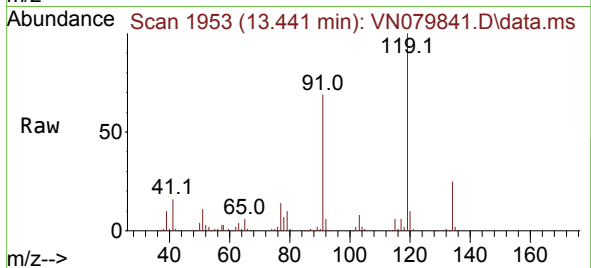
Tgt Ion:119 Resp: 221976

Ion Ratio Lower Upper

119 100

91 70.6 33.9 101.7

134 26.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 22.098 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN079841.D

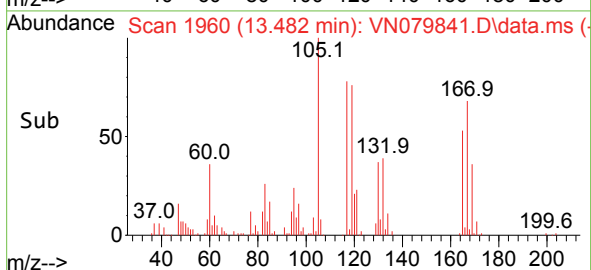
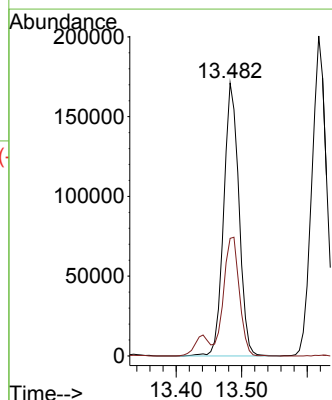
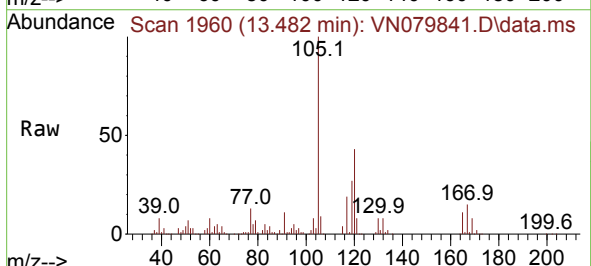
Acq: 03 Nov 2023 11:54

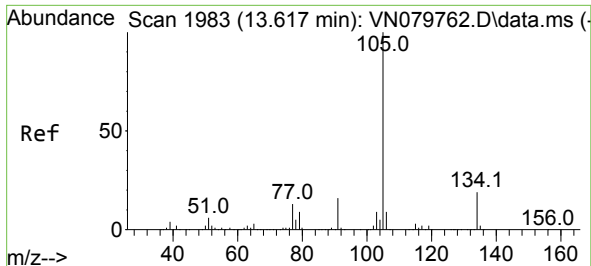
Tgt Ion:105 Resp: 274474

Ion Ratio Lower Upper

105 100

120 45.4 22.0 66.0

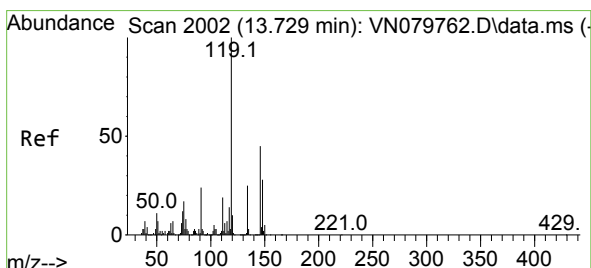
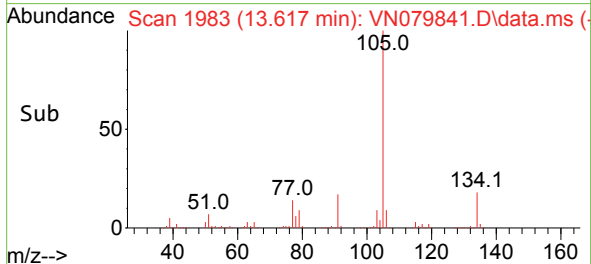
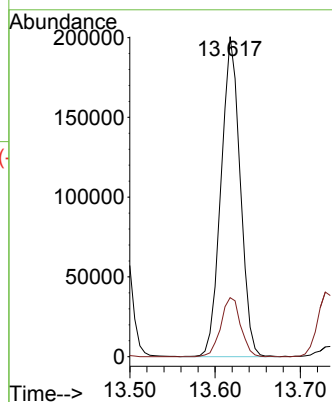
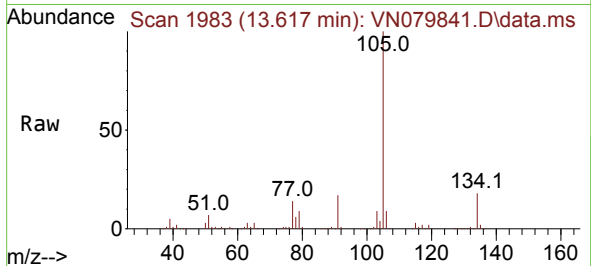




#85
 sec-Butylbenzene
 Concen: 21.880 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079841.D
 Acq: 03 Nov 2023 11:54

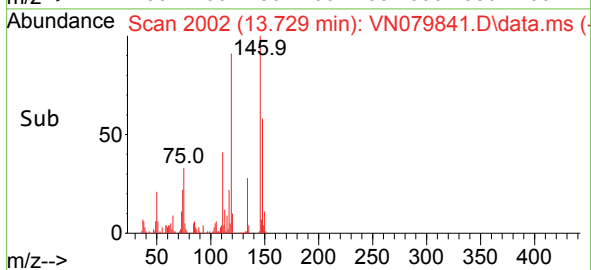
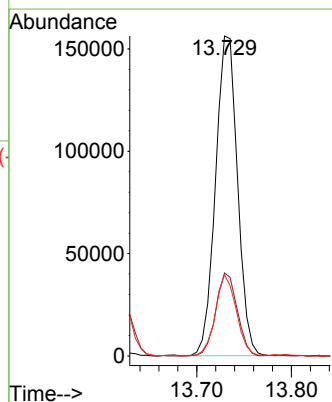
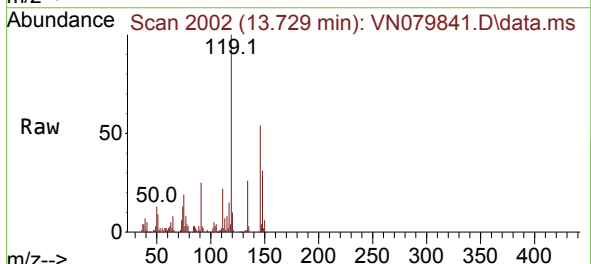
Instrument :
 MSVOA_N
 ClientSampleId :

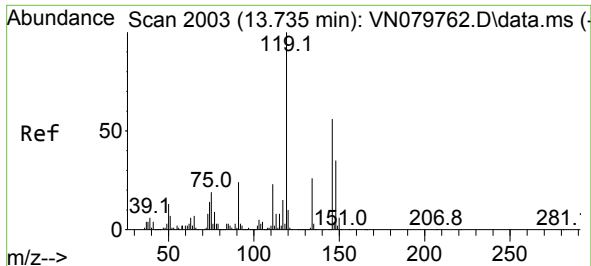
Tgt Ion:105 Resp: 313257
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 21.580 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079841.D
 Acq: 03 Nov 2023 11:54

Tgt Ion:119 Resp: 251891
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.457 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

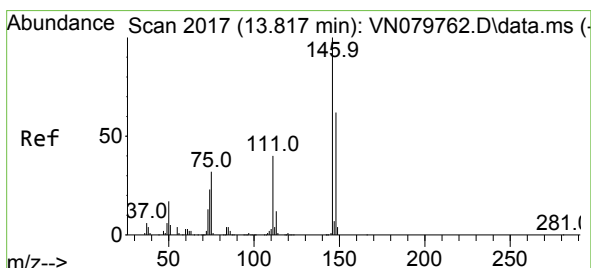
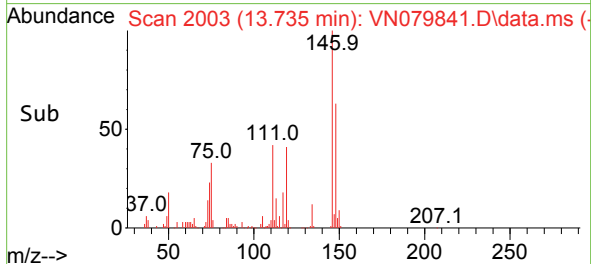
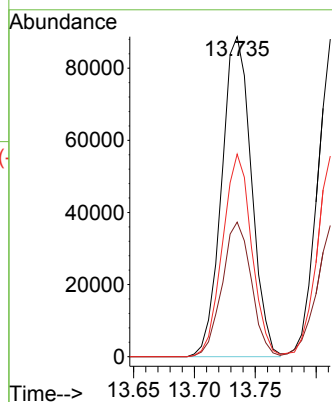
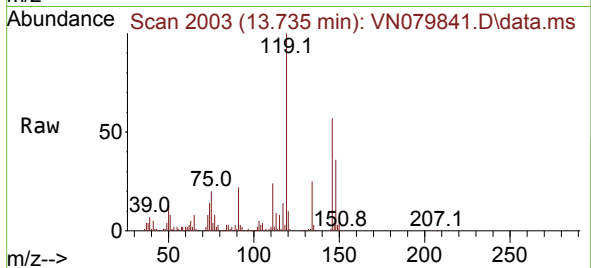
Tgt Ion:146 Resp: 151178

Ion Ratio Lower Upper

146 100

111 41.3 22.1 66.3

148 61.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.734 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.006 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

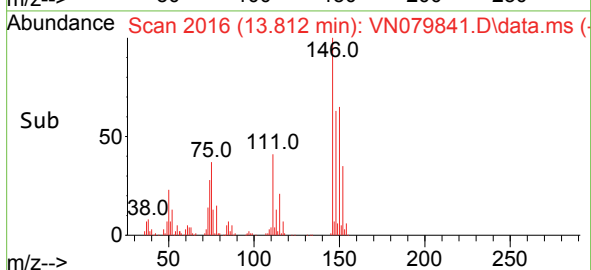
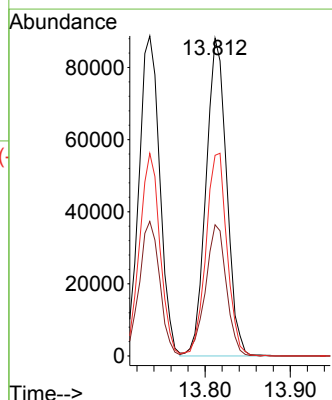
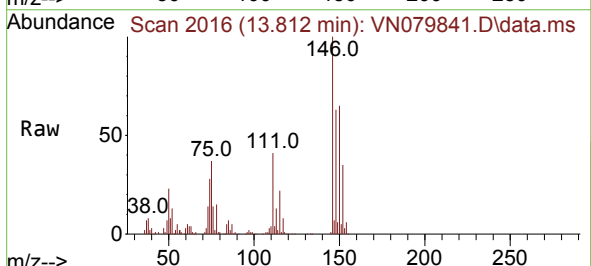
Tgt Ion:146 Resp: 148026

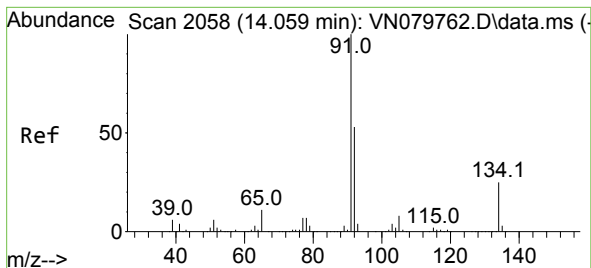
Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.8

148 65.5 31.6 94.8





#89

n-Butylbenzene

Concen: 20.647 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

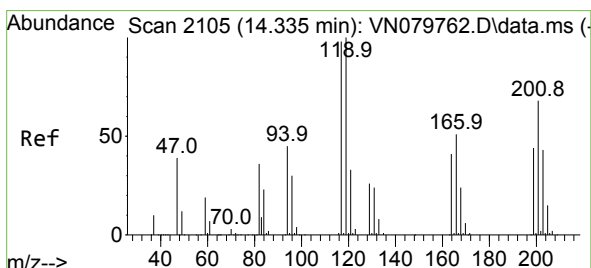
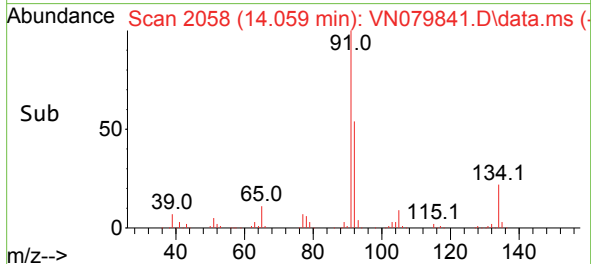
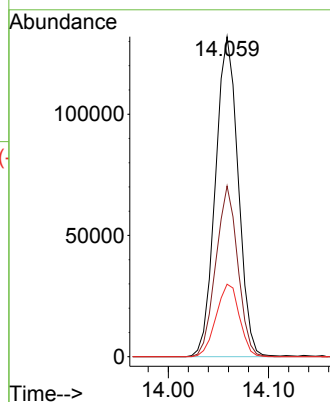
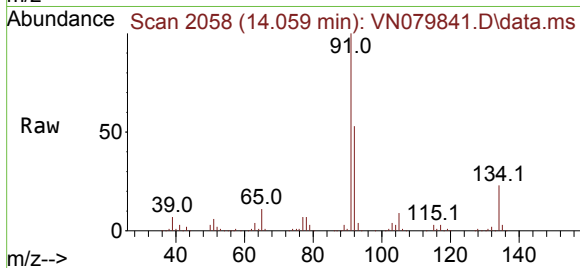
Tgt Ion: 91 Resp: 207579

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.0

134 23.2 12.6 37.6



#90

Hexachloroethane

Concen: 21.079 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079841.D

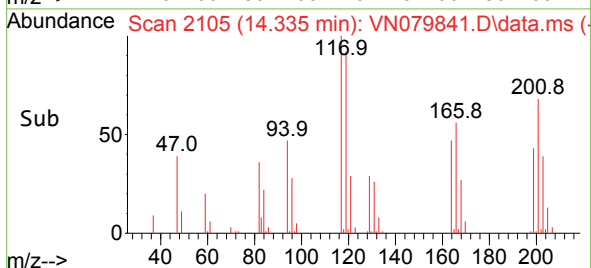
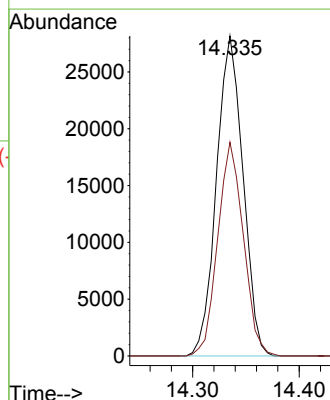
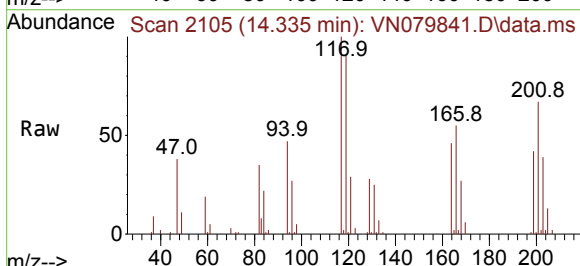
Acq: 03 Nov 2023 11:54

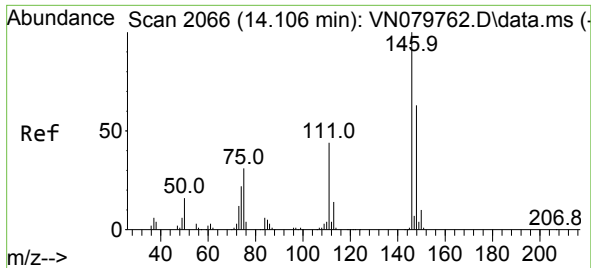
Tgt Ion: 117 Resp: 48729

Ion Ratio Lower Upper

117 100

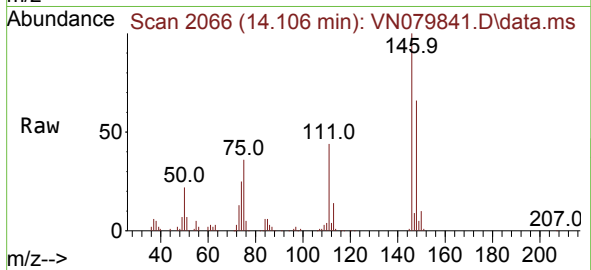
201 64.5 29.3 88.0



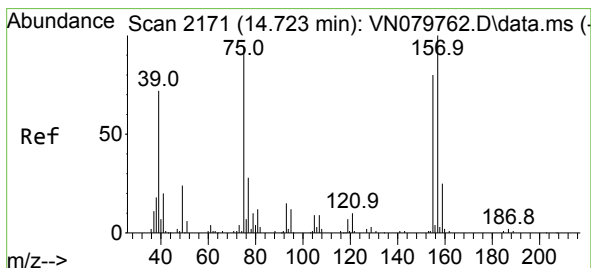
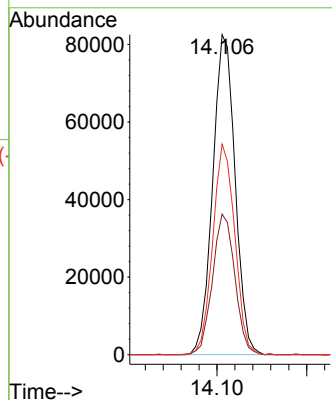
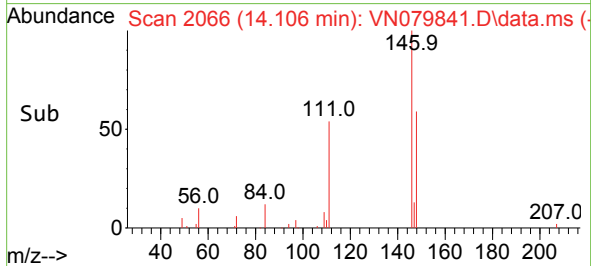


#91
1,2-Dichlorobenzene
Concen: 20.488 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54

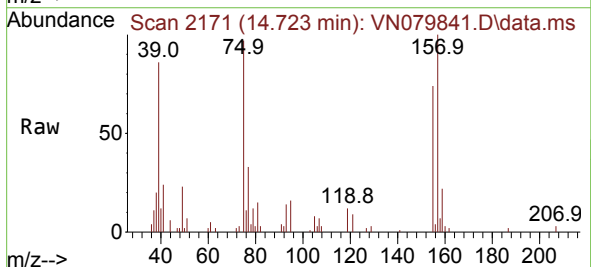
Instrument :
MSVOA_N
ClientSampleId :



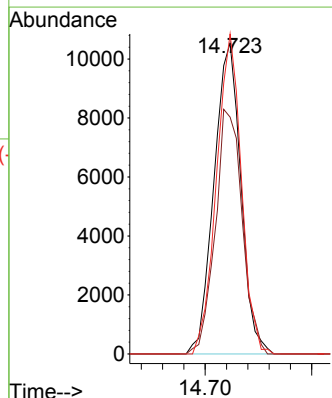
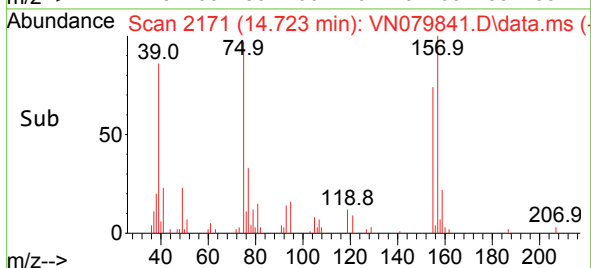
Tgt Ion:146 Resp: 142931
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 64.7 31.8 95.3

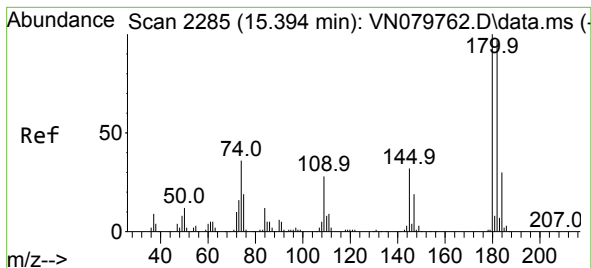


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.860 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079841.D
Acq: 03 Nov 2023 11:54



Tgt Ion: 75 Resp: 18400
Ion Ratio Lower Upper
75 100
155 78.9 39.1 117.2
157 95.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 19.863 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

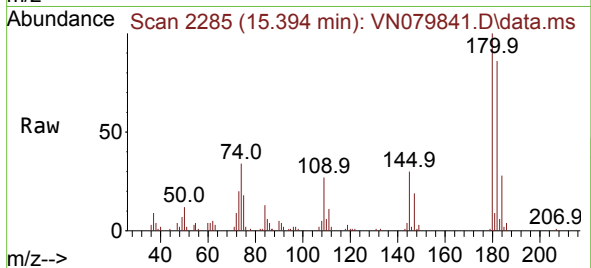
Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :



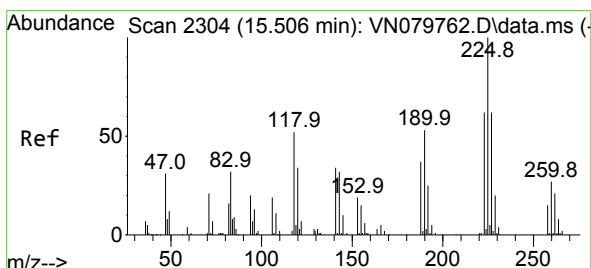
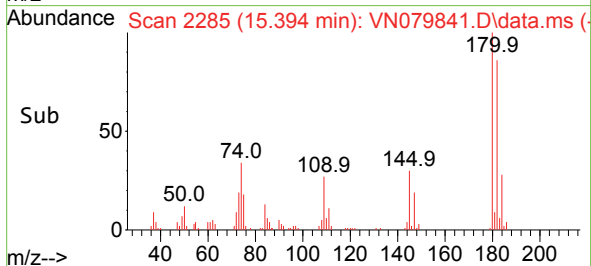
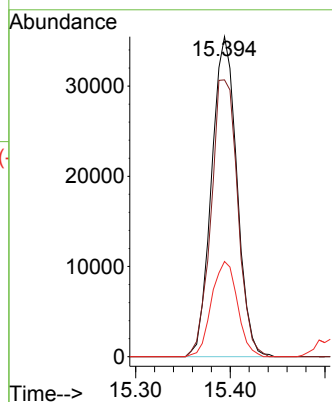
Tgt Ion:180 Resp: 65887

Ion Ratio Lower Upper

180 100

182 91.0 46.1 138.2

145 30.4 16.6 49.8



#94

Hexachlorobutadiene

Concen: 21.347 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

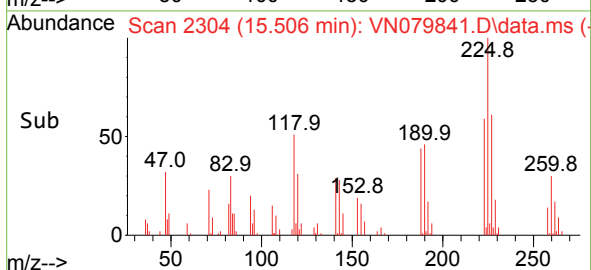
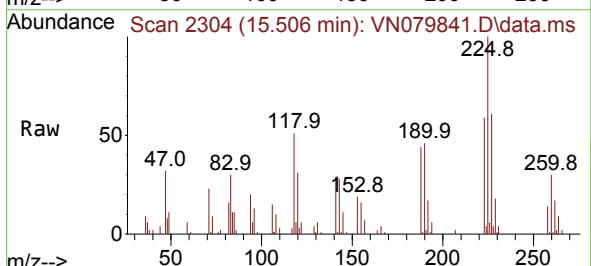
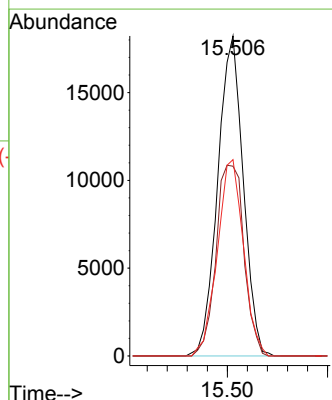
Tgt Ion:225 Resp: 32101

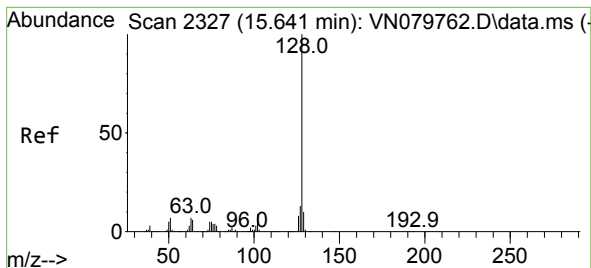
Ion Ratio Lower Upper

225 100

223 65.1 31.3 93.8

227 62.8 31.9 95.9





#95

Naphthalene

Concen: 15.486 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Instrument :

MSVOA_N

ClientSampleId :

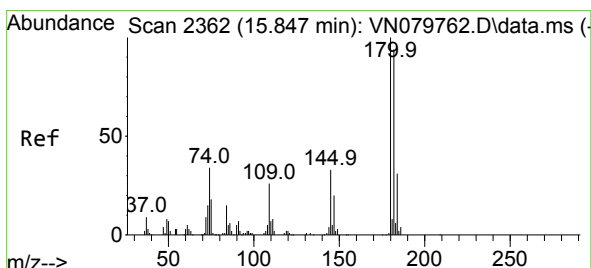
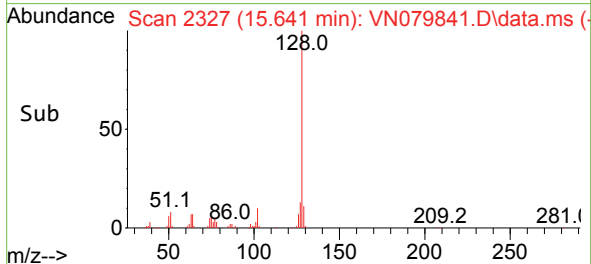
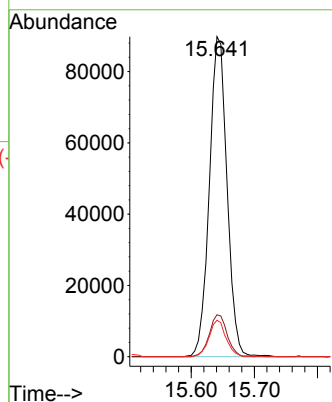
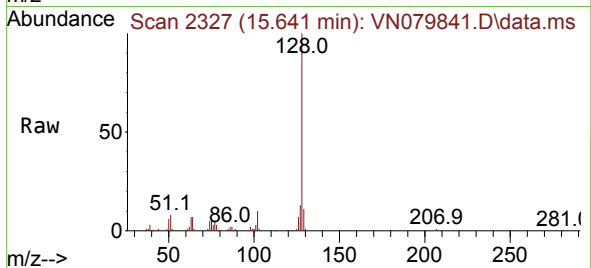
Tgt Ion:128 Resp: 174202

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.556 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079841.D

Acq: 03 Nov 2023 11:54

Tgt Ion:180 Resp: 60335

Ion Ratio Lower Upper

180 100

182 99.4 46.2 138.6

145 33.2 17.5 52.6

