

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079023.D
 Acq On : 24 Aug 2023 11:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 01:10:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	177899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	304470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	285442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136726	49.391	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.780%
35) Dibromofluoromethane	8.171	113	109257	53.308	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.620%
50) Toluene-d8	10.571	98	402181	52.848	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.700%
62) 4-Bromofluorobenzene	12.853	95	136826	55.007	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	122670	49.696	ug/l	95
3) Chloromethane	2.365	50	140600	40.796	ug/l	97
4) Vinyl Chloride	2.512	62	145038	47.986	ug/l	97
5) Bromomethane	2.948	94	90406	52.097	ug/l	91
6) Chloroethane	3.118	64	99875	47.268	ug/l	99
7) Trichlorofluoromethane	3.495	101	198151	53.826	ug/l	96
8) Diethyl Ether	3.959	74	67102	48.081	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	4.371	101	101600	51.819	ug/l	98
10) Methyl Iodide	4.589	142	118835	54.172	ug/l	99
11) Tert butyl alcohol	5.530	59	102092	219.780	ug/l	98
12) 1,1-Dichloroethene	4.342	96	94734	49.602	ug/l #	75
13) Acrolein	4.177	56	58071	226.863	ug/l	98
14) Allyl chloride	5.024	41	170246	44.787	ug/l #	88
15) Acrylonitrile	5.724	53	304317	241.827	ug/l	99
16) Acetone	4.430	43	278404	243.738	ug/l	95
17) Carbon Disulfide	4.712	76	256084	47.901	ug/l	100
18) Methyl Acetate	5.030	43	230500	47.769	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	343831	49.977	ug/l #	89
20) Methylene Chloride	5.283	84	115937	47.629	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	109489	51.123	ug/l	88
22) Diisopropyl ether	6.677	45	413216	51.385	ug/l #	92
23) Vinyl Acetate	6.606	43	1290797	243.782	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	224270	51.051	ug/l	98
25) 2-Butanone	7.488	43	433461	236.696	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	176606	49.734	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	132820	51.024	ug/l	87
28) Bromochloromethane	7.818	49	116824	50.130	ug/l #	72
29) Tetrahydrofuran	7.841	42	294181	242.698	ug/l #	70
30) Chloroform	7.971	83	228899	52.154	ug/l	94
31) Cyclohexane	8.259	56	172058	49.829	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	192263	51.376	ug/l	94
36) 1,1-Dichloropropene	8.377	75	166467	53.995	ug/l	95
37) Ethyl Acetate	7.565	43	182789	52.991	ug/l #	87
38) Carbon Tetrachloride	8.371	117	168483	54.541	ug/l	98
39) Methylcyclohexane	9.606	83	147120	51.886	ug/l #	86
40) Benzene	8.612	78	489069	53.669	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	101644	54.104	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	179470	52.715	ug/l	99
43) Isopropyl Acetate	8.694	43	299419	49.110	ug/l #	87
44) Trichloroethene	9.353	130	115444	53.317	ug/l	97
45) 1,2-Dichloropropane	9.624	63	130086	53.617	ug/l	95
46) Dibromomethane	9.712	93	86353	51.891	ug/l	93
47) Bromodichloromethane	9.888	83	181206	55.144	ug/l #	97
48) Methyl methacrylate	9.688	41	143708	52.015	ug/l #	76
49) 1,4-Dioxane	9.700	88	49841	1059.122	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	929145	256.948	ug/l #	86
52) Toluene	10.635	92	312607	55.874	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	193426	54.889	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	208651	54.365	ug/l #	88
55) 1,1,2-Trichloroethane	11.024	97	122896	54.783	ug/l	96
56) Ethyl methacrylate	10.876	69	189007	54.352	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	215515	53.711	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	378294	226.622	ug/l	91
59) 2-Hexanone	11.200	43	665522	254.101	ug/l	84
60) Dibromochloromethane	11.365	129	134404	56.934	ug/l	99
61) 1,2-Dibromoethane	11.476	107	121411	53.258	ug/l	98
64) Tetrachloroethene	11.106	164	92676	51.772	ug/l	95
65) Chlorobenzene	11.894	112	322777	53.123	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	124418	54.184	ug/l	97
67) Ethyl Benzene	11.965	91	581171	52.598	ug/l	96
68) m/p-Xylenes	12.076	106	446101	107.985	ug/l	99
69) o-Xylene	12.400	106	214354	53.339	ug/l	97
70) Styrene	12.418	104	357265	53.316	ug/l	98
71) Bromoform	12.582	173	92223	55.245	ug/l #	99
73) Isopropylbenzene	12.700	105	524394	49.112	ug/l	98
74) N-amyl acetate	12.500	43	249782	46.345	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	186682	48.422	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	230164	74.595	ug/l	67
77) Bromobenzene	12.982	156	128840	50.200	ug/l	97
78) n-propylbenzene	13.041	91	618101	49.921	ug/l	99
79) 2-Chlorotoluene	13.129	91	379136	49.364	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	431577	51.005	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	59430	49.204	ug/l #	76
82) 4-Chlorotoluene	13.223	91	374735	49.864	ug/l	100
83) tert-Butylbenzene	13.441	119	346751	48.774	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	432114	51.575	ug/l	97
85) sec-Butylbenzene	13.623	105	486494	49.724	ug/l	99
86) p-Isopropyltoluene	13.735	119	398573	50.988	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	225937	51.159	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	224396	50.764	ug/l	98
89) n-Butylbenzene	14.059	91	325197	50.552	ug/l	99
90) Hexachloroethane	14.335	117	79470	50.716	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	226460	51.563	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	32978	51.890	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	81040	52.050	ug/l	99
94) Hexachlorobutadiene	15.506	225	41920	52.144	ug/l	98
95) Naphthalene	15.647	128	237792	40.796	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	85371	50.063	ug/l	99

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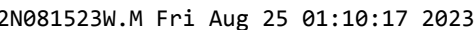
Instrument :
MSVOA_N
ClientSampleId :

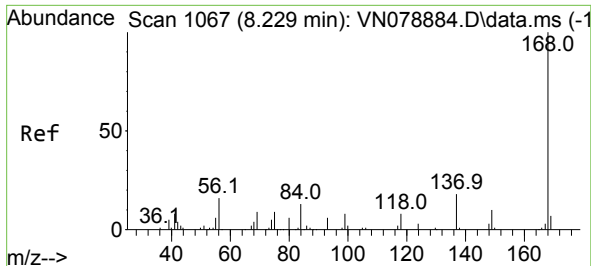
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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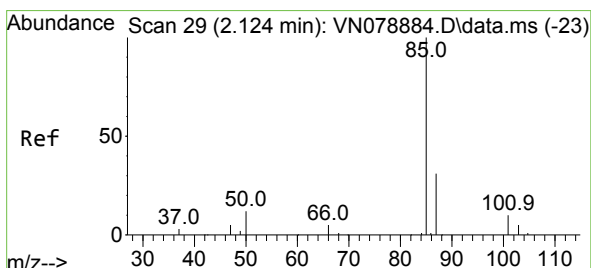
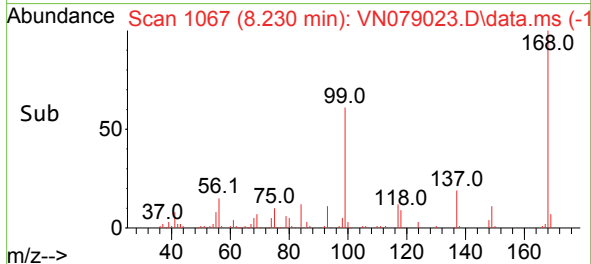
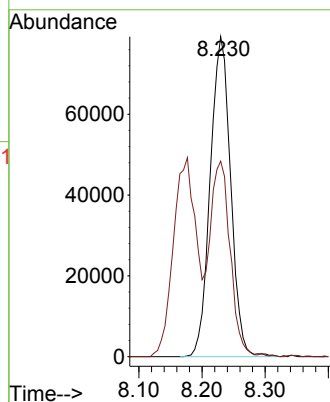
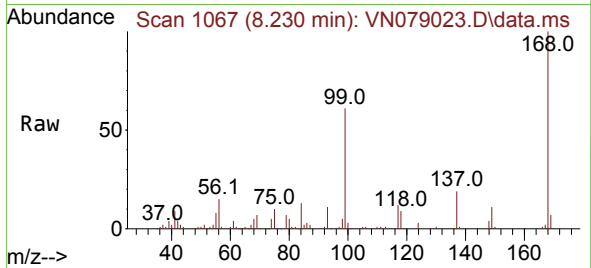




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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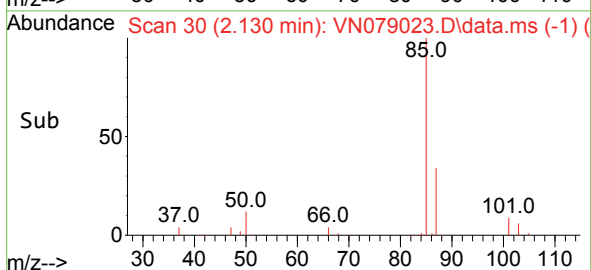
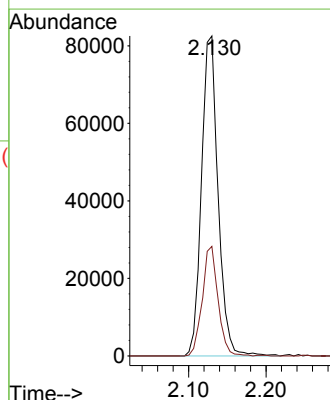
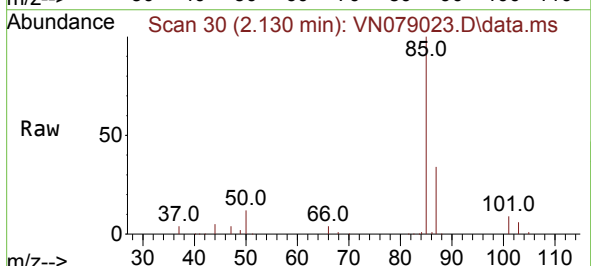
Instrument :
MSVOA_N
ClientSampleId :

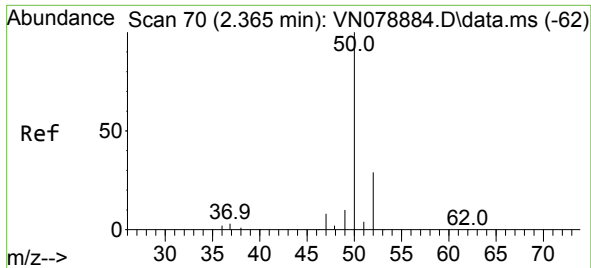
Tgt Ion:168 Resp: 177899
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 49.696 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion: 85 Resp: 122670
Ion Ratio Lower Upper
85 100
87 34.3 15.8 47.4

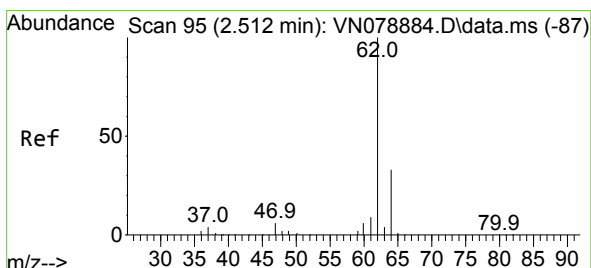
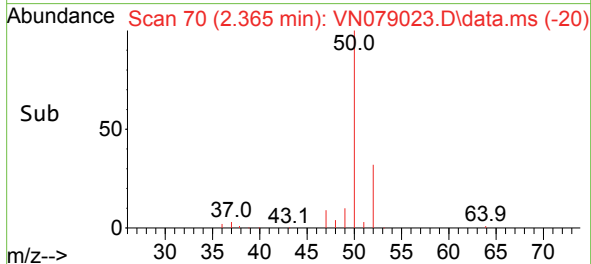
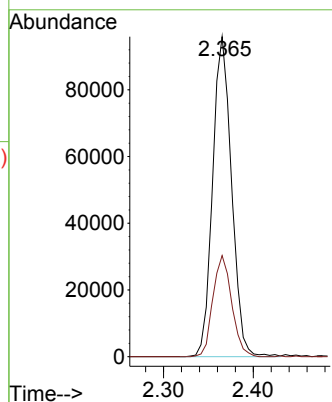
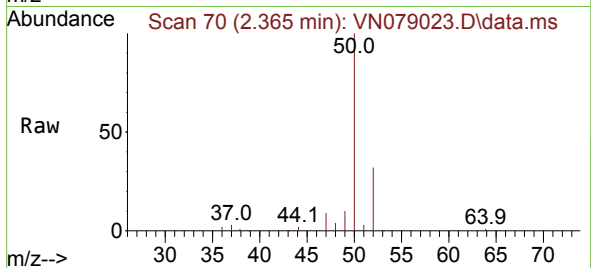




#3
Chloromethane
Concen: 40.796 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

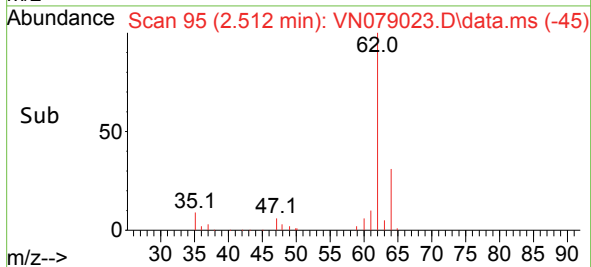
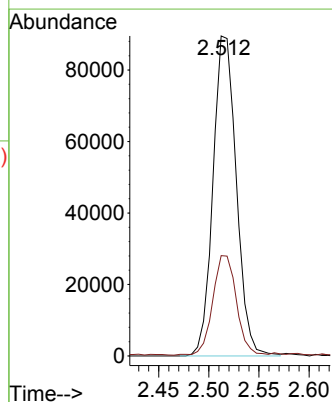
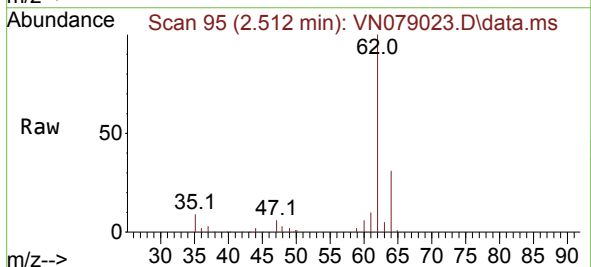
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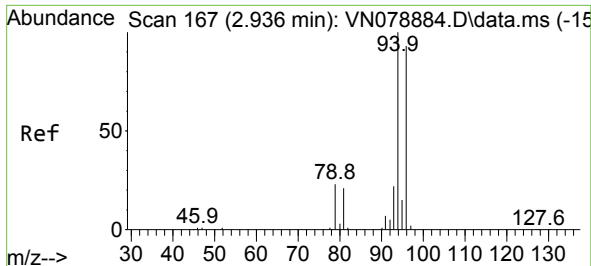
Tgt Ion: 50 Resp: 140600
Ion Ratio Lower Upper
50 100
52 31.6 26.5 39.7



#4
Vinyl Chloride
Concen: 47.986 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion: 62 Resp: 145038
Ion Ratio Lower Upper
62 100
64 30.8 26.2 39.2

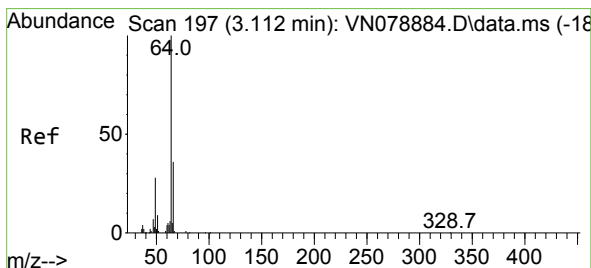
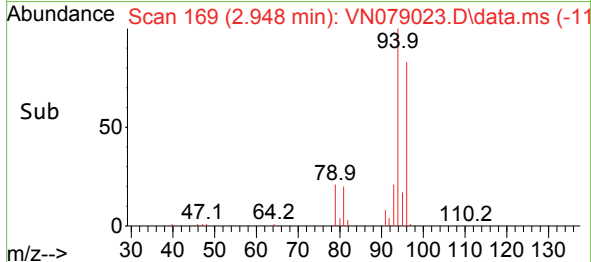
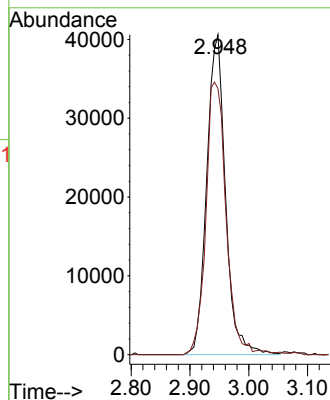
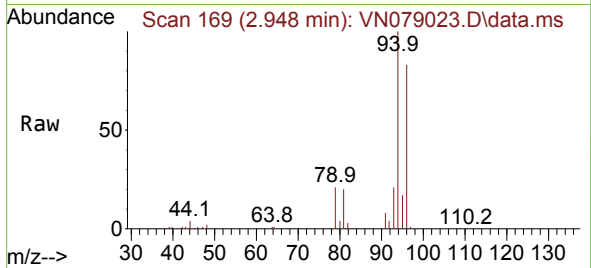




#5
Bromomethane
Concen: 52.097 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079023.D
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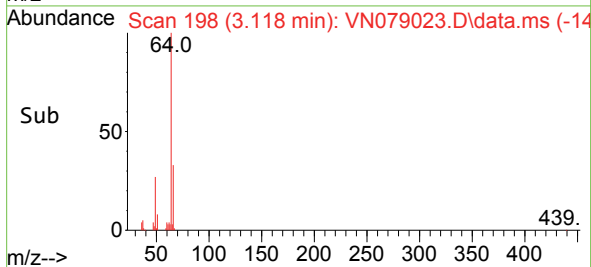
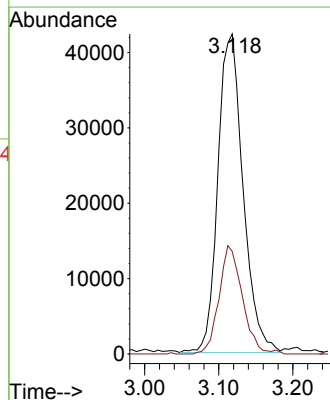
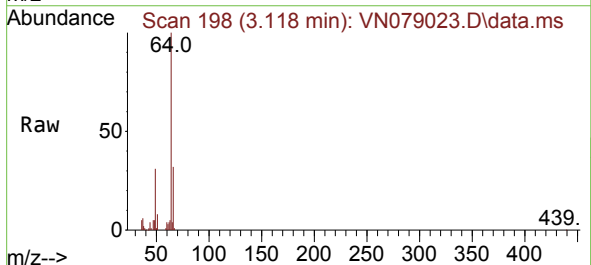
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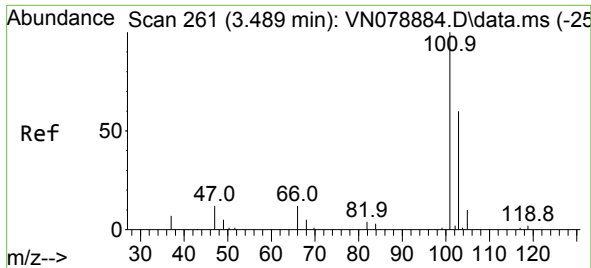
Tgt Ion: 94 Resp: 90406
Ion Ratio Lower Upper
94 100
96 83.2 73.1 109.7



#6
Chloroethane
Concen: 47.268 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion: 64 Resp: 99875
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2

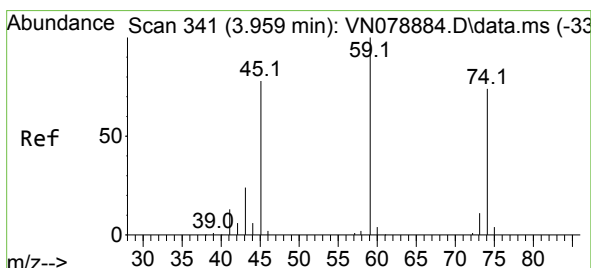
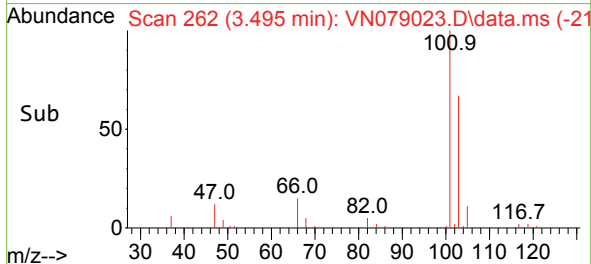
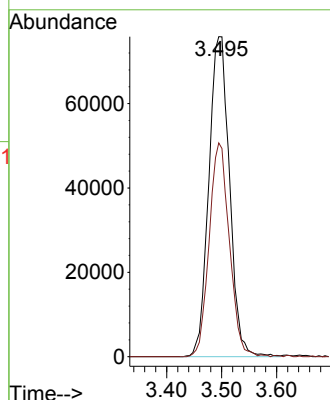
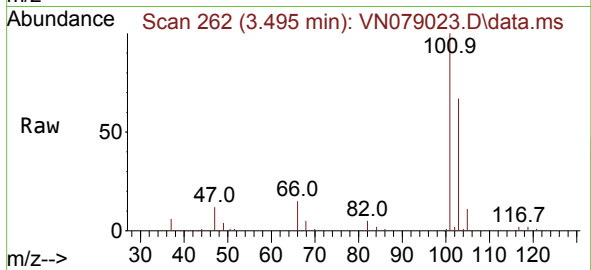




#7
Trichlorofluoromethane
Concen: 53.826 ug/l
RT: 3.495 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN079023.D
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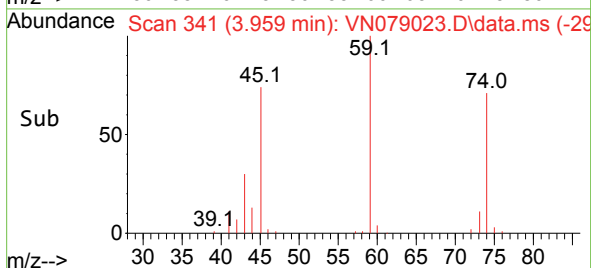
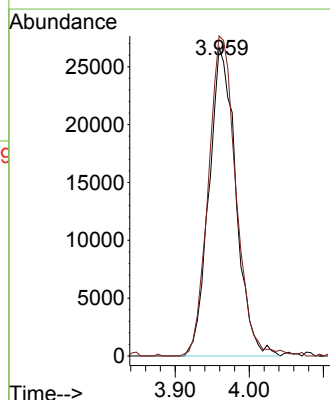
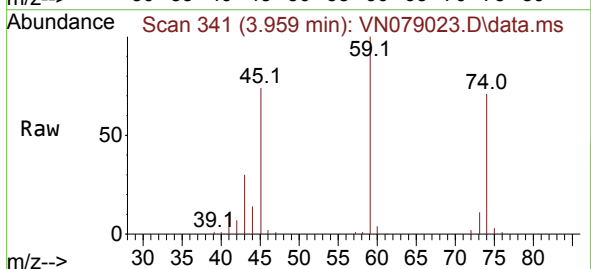
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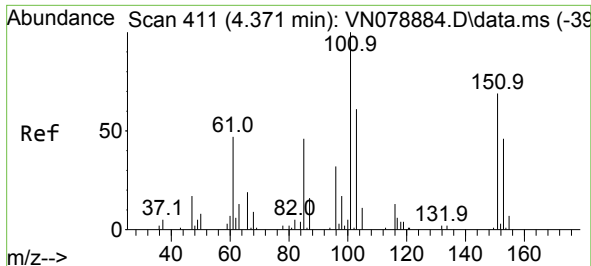
Tgt Ion:101 Resp: 198151
Ion Ratio Lower Upper
101 100
103 66.8 50.7 76.1



#8
Diethyl Ether
Concen: 48.081 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion: 74 Resp: 67102
Ion Ratio Lower Upper
74 100
45 107.1 34.4 103.3#

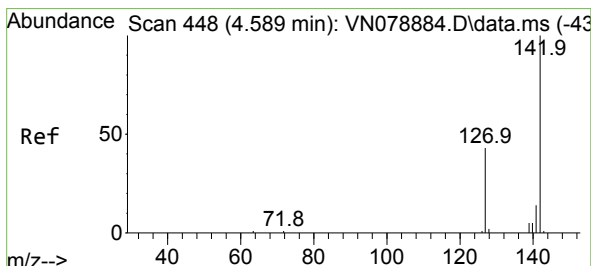
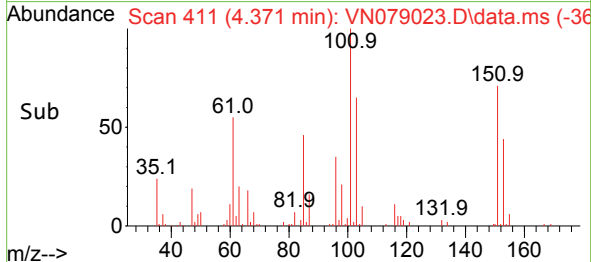
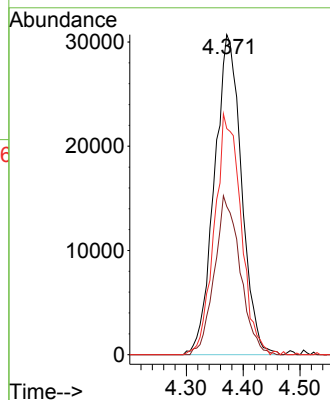
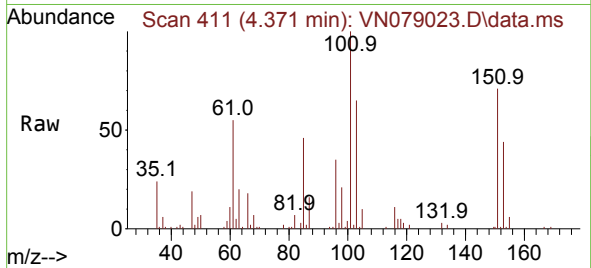




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.819 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079023.D
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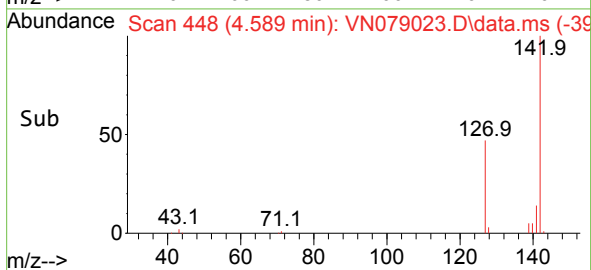
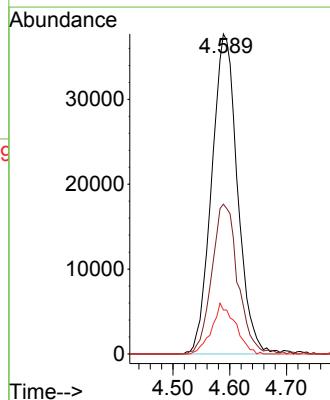
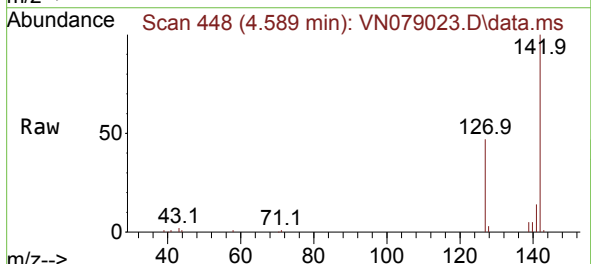
Instrument :
MSVOA_N
ClientSampleId :

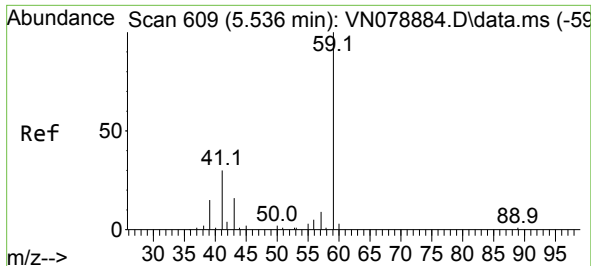
Tgt Ion:101 Resp: 101600
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 73.6 57.6 86.4



#10
Methyl Iodide
Concen: 54.172 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

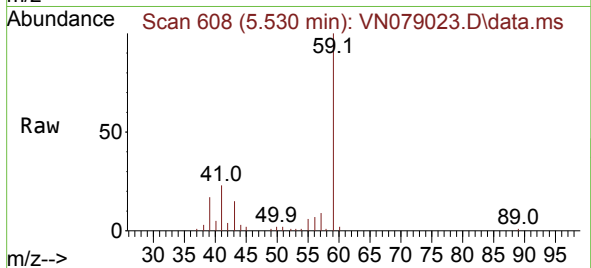
Tgt Ion:142 Resp: 118835
Ion Ratio Lower Upper
142 100
127 46.8 37.6 56.4
141 13.7 11.4 17.0



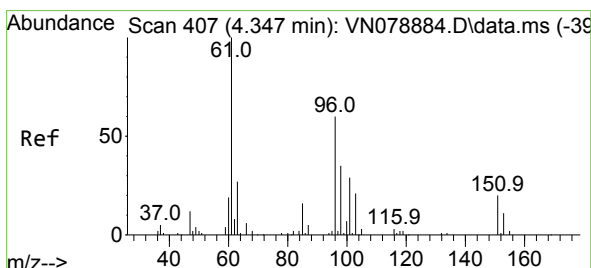
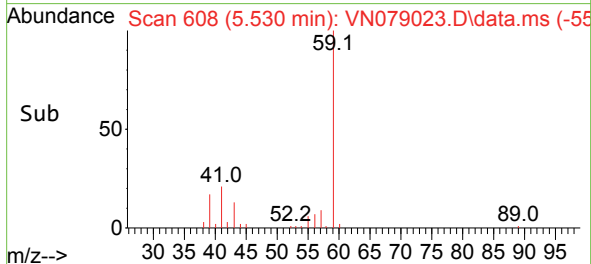
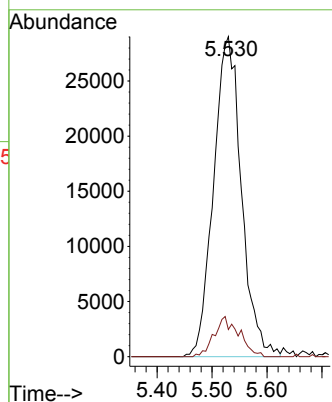


#11
Tert butyl alcohol
Concen: 219.780 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :

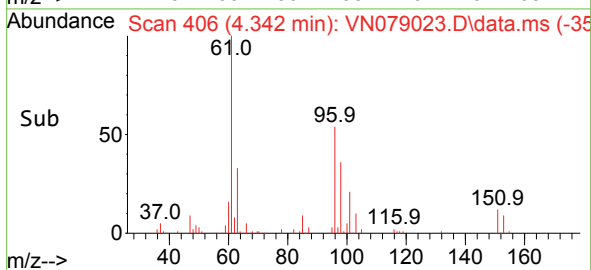
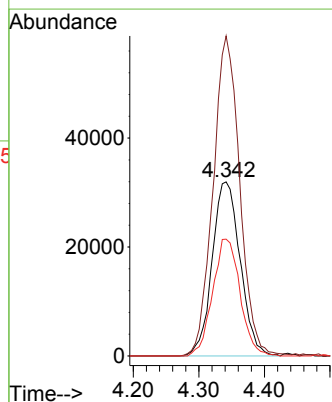
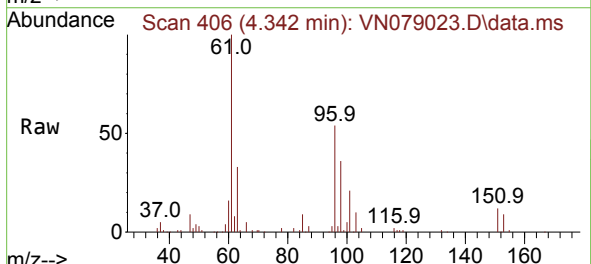


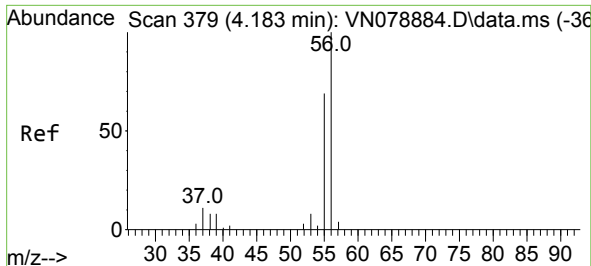
Tgt Ion: 59 Resp: 102092
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.602 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

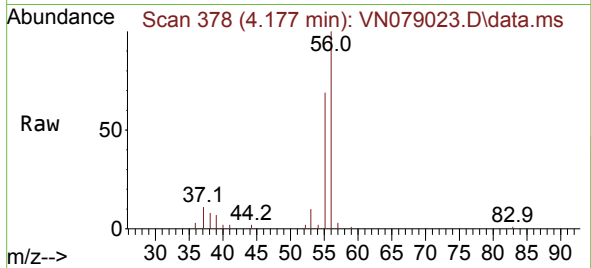
Tgt Ion: 96 Resp: 94734
Ion Ratio Lower Upper
96 100
61 183.9 112.7 169.1#
98 67.1 51.2 76.8



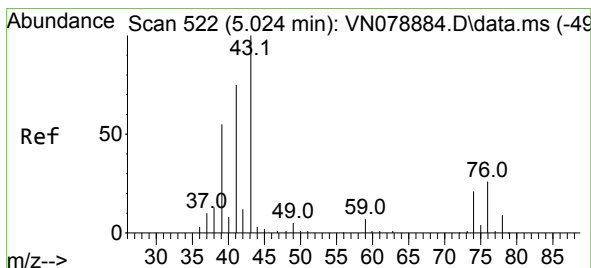
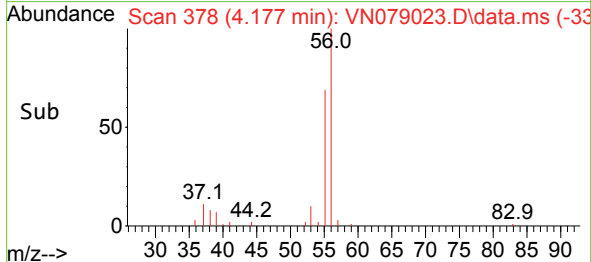
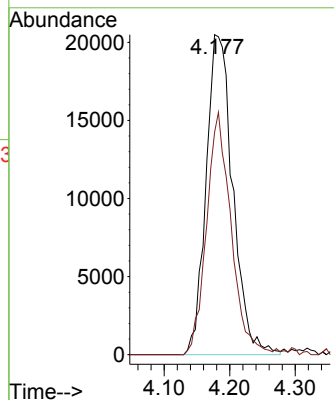


#13
Acrolein
Concen: 226.863 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :

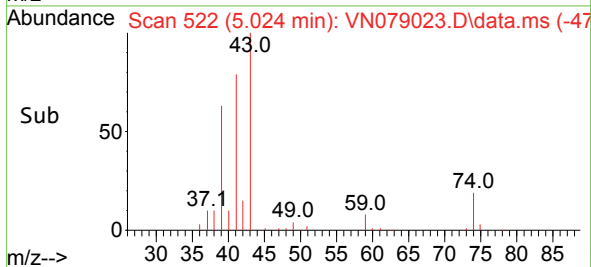
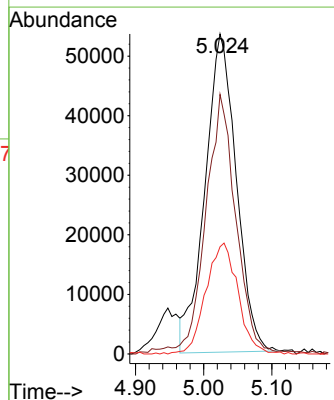
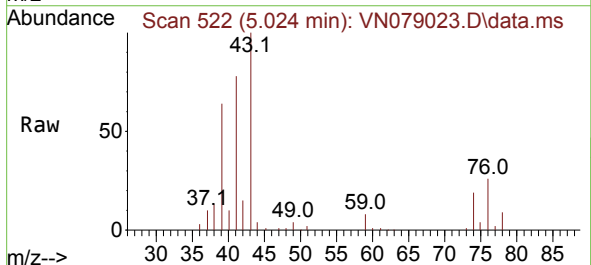


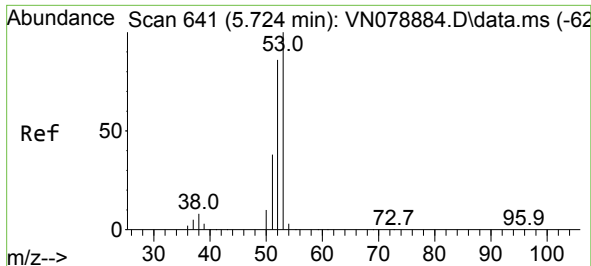
Tgt Ion: 56 Resp: 58071
Ion Ratio Lower Upper
56 100
55 69.5 54.5 81.7



#14
Allyl chloride
Concen: 44.787 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion: 41 Resp: 170246
Ion Ratio Lower Upper
41 100
39 79.9 58.8 88.2
76 35.9 39.1 58.7#

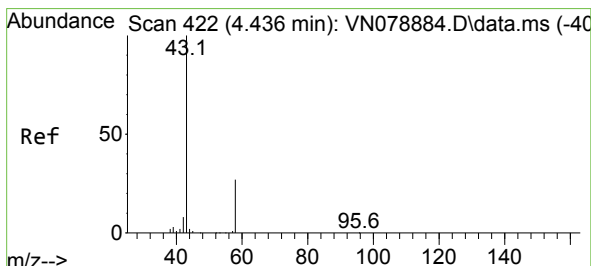
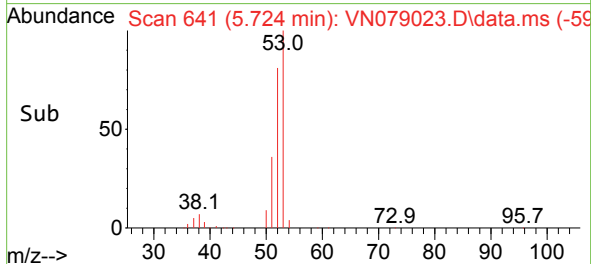
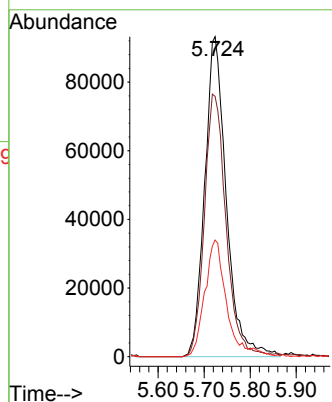
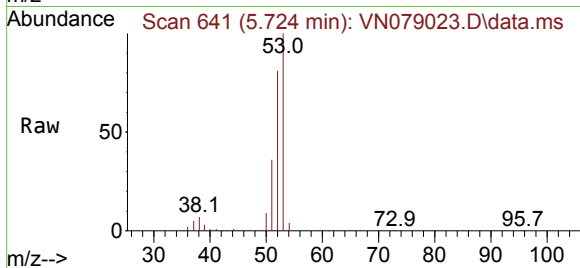




#15
Acrylonitrile
Concen: 241.827 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

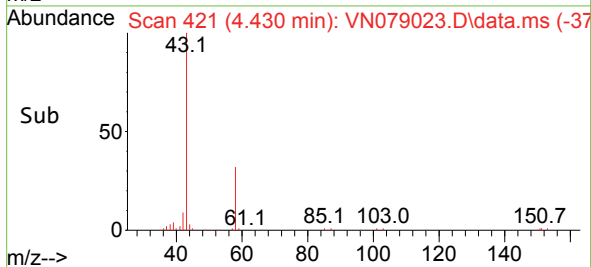
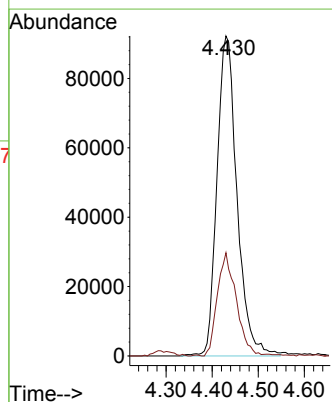
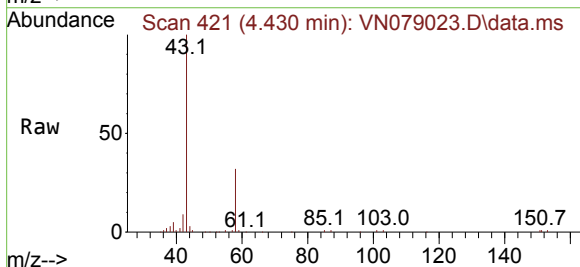
Instrument :
MSVOA_N
ClientSampleId :

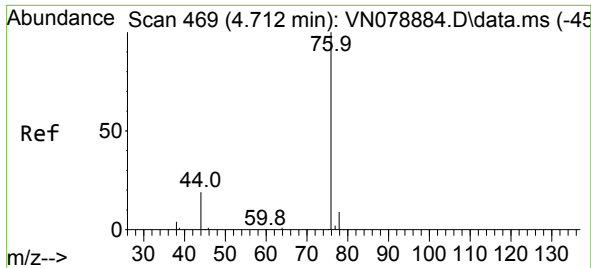
Tgt Ion: 53 Resp: 304317
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 35.5 28.9 43.3



#16
Acetone
Concen: 243.738 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion: 43 Resp: 278404
Ion Ratio Lower Upper
43 100
58 32.0 28.0 42.0

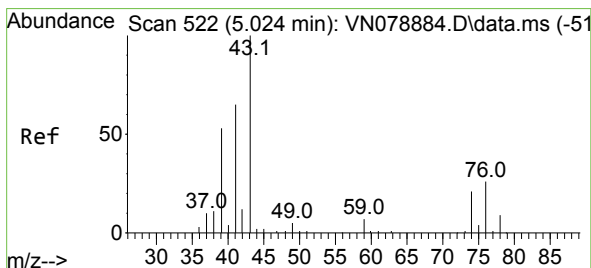
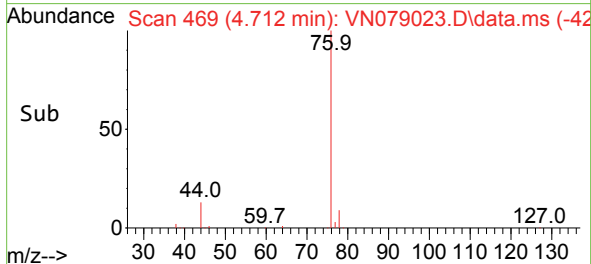
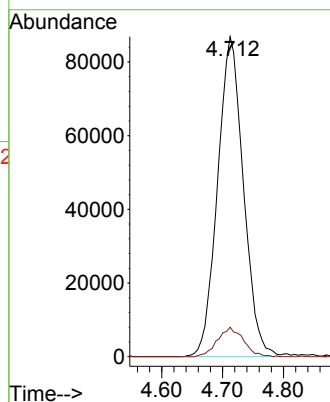
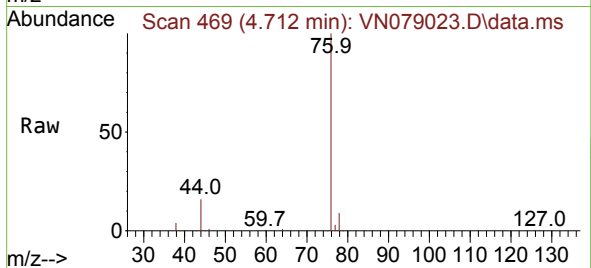




#17
Carbon Disulfide
Concen: 47.901 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.012 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

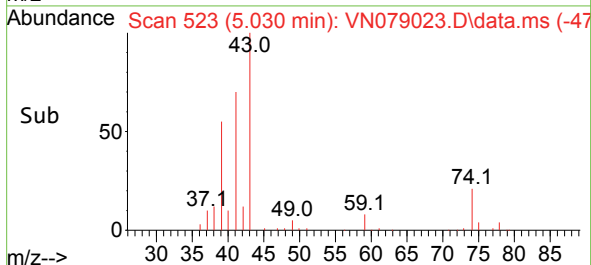
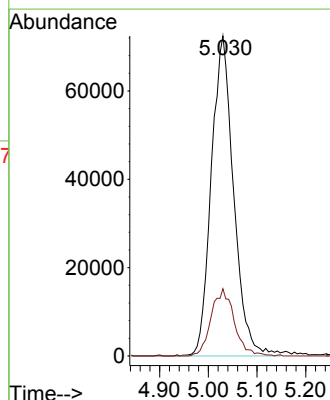
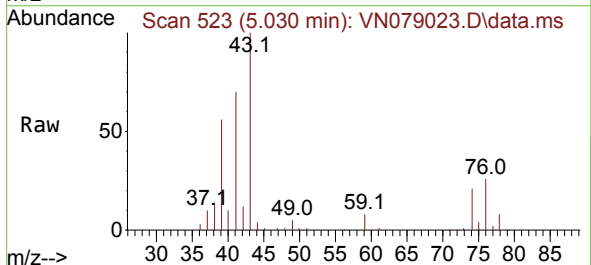
Instrument :
MSVOA_N
ClientSampleId :

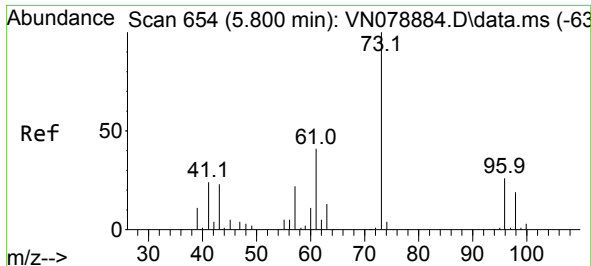
Tgt Ion: 76 Resp: 256084
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 47.769 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion: 43 Resp: 230500
Ion Ratio Lower Upper
43 100
74 21.7 26.2 39.4#

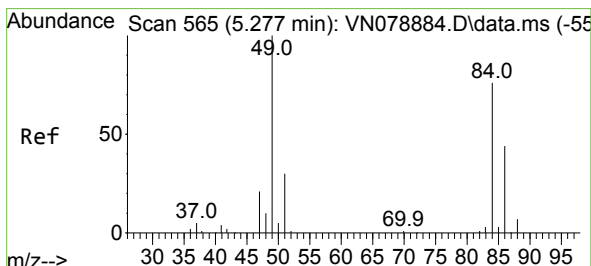
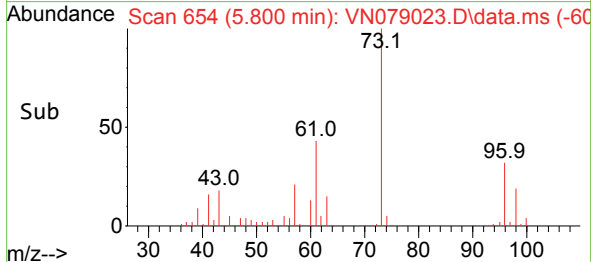
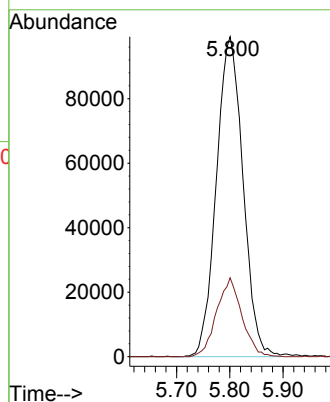
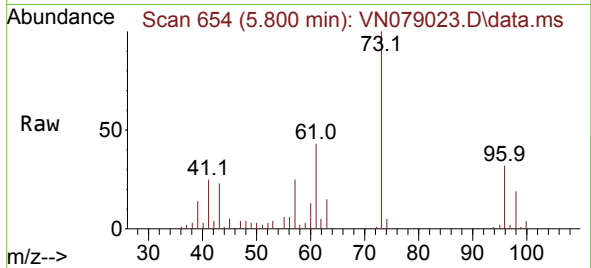




#19
Methyl tert-butyl Ether
Concen: 49.977 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

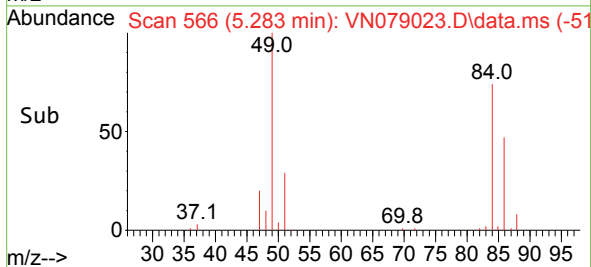
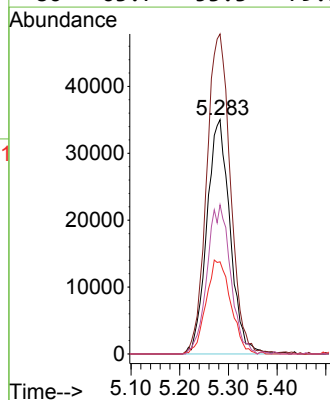
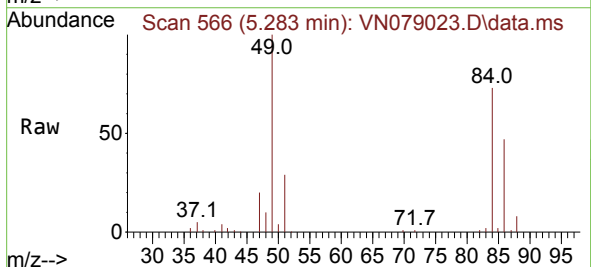
Instrument :
MSVOA_N
ClientSampleId :

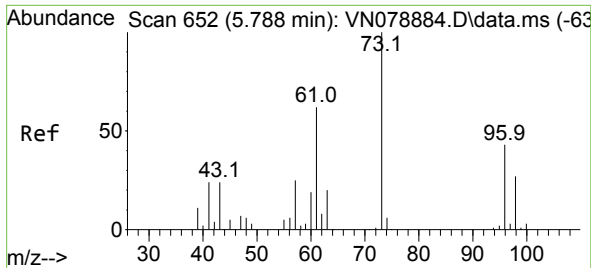
Tgt Ion: 73 Resp: 343831
Ion Ratio Lower Upper
73 100
57 24.7 15.6 23.4#



#20
Methylene Chloride
Concen: 47.629 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

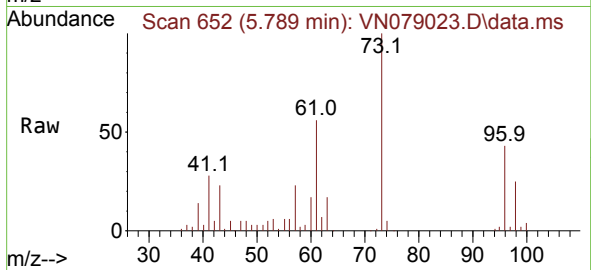
Tgt Ion: 84 Resp: 115937
Ion Ratio Lower Upper
84 100
49 136.6 79.7 119.5#
51 39.3 25.2 37.8#
86 63.7 53.3 79.9



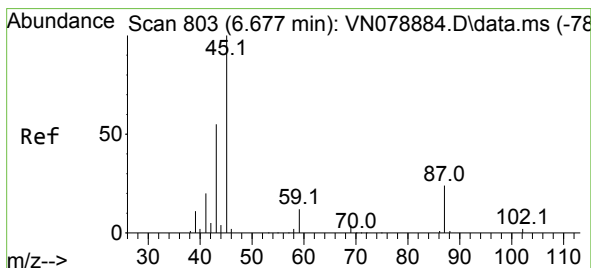
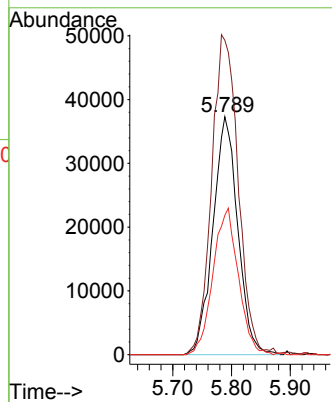
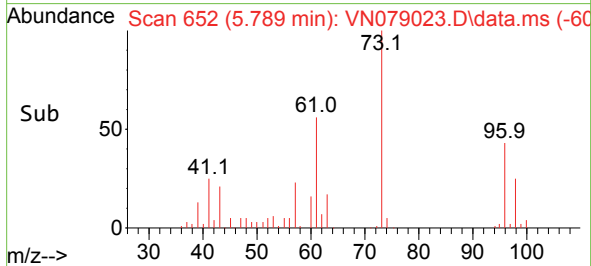


#21
trans-1,2-Dichloroethene
Concen: 51.123 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

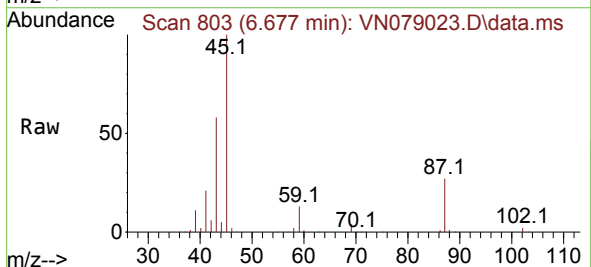
Instrument :
MSVOA_N
ClientSampleId :



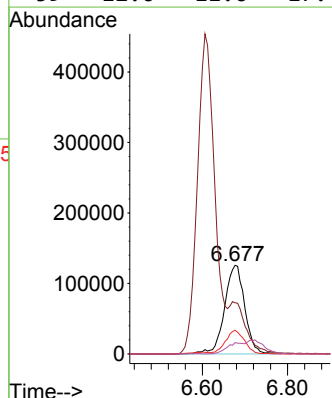
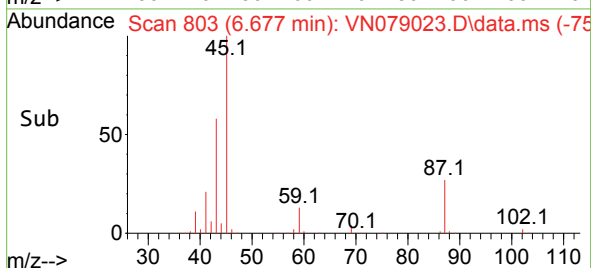
Tgt Ion: 96 Resp: 109489
Ion Ratio Lower Upper
96 100
61 132.1 90.1 135.1
98 58.6 46.4 69.6

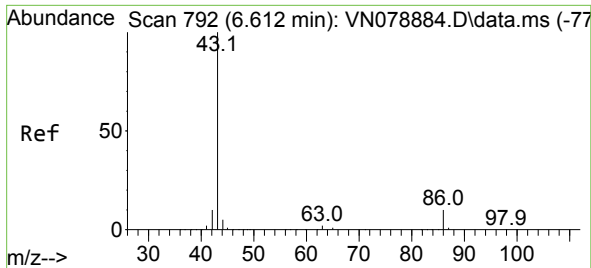


#22
Diisopropyl ether
Concen: 51.385 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03



Tgt Ion: 45 Resp: 413216
Ion Ratio Lower Upper
45 100
43 57.1 45.5 68.3
87 26.7 31.8 47.8#
59 12.6 11.6 17.4

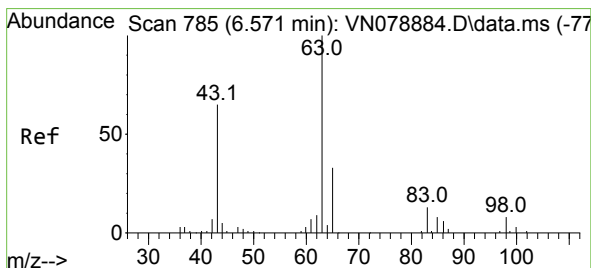
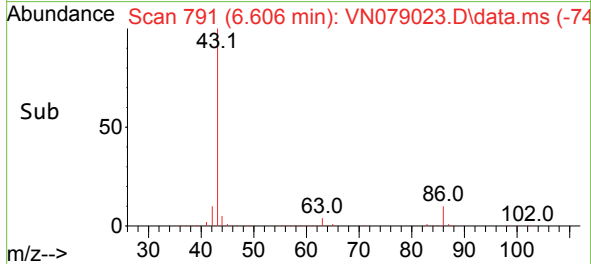
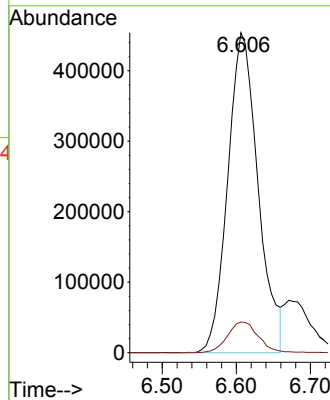
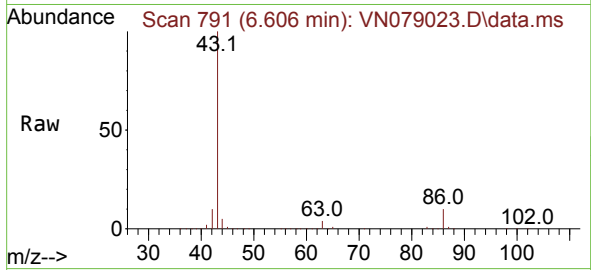




#23
 Vinyl Acetate
 Concen: 243.782 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079023.D
 Acq: 24 Aug 2023 11:03

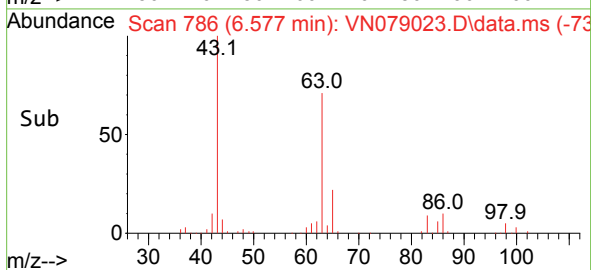
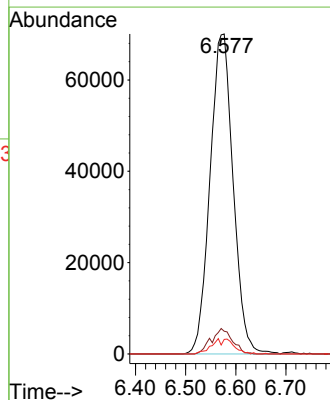
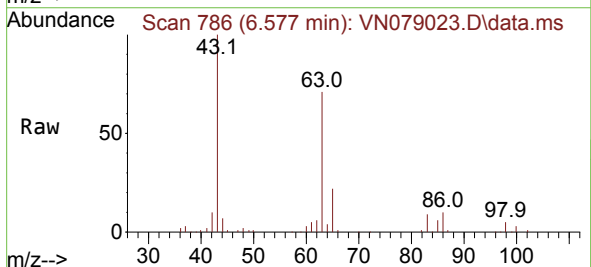
Instrument :
 MSVOA_N
 ClientSampleId :

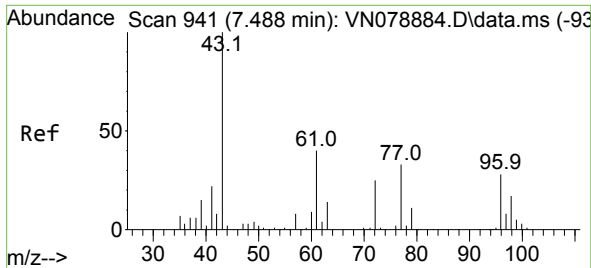
Tgt Ion: 43 Resp: 1290797
 Ion Ratio Lower Upper
 43 100
 86 9.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 51.051 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079023.D
 Acq: 24 Aug 2023 11:03

Tgt Ion: 63 Resp: 224270
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.6 2.5 7.4

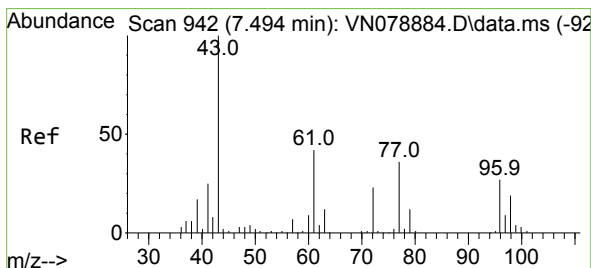
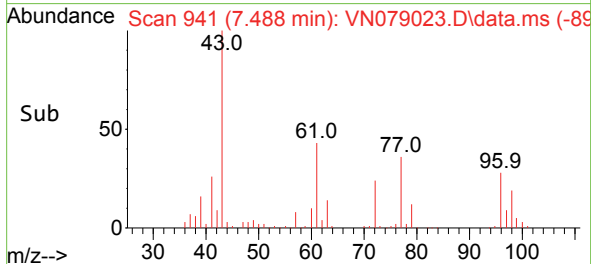
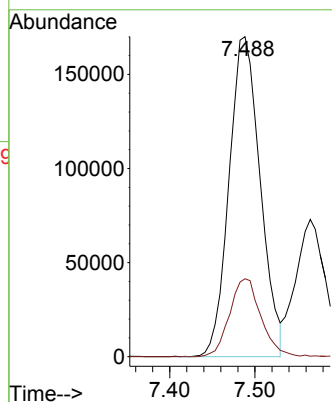
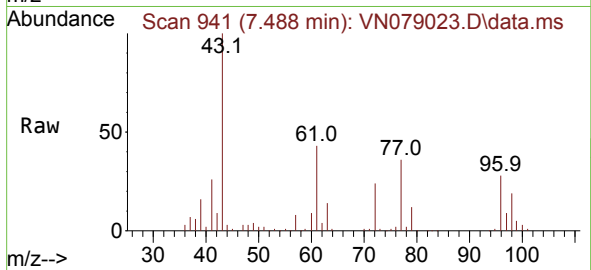




#25
2-Butanone
Concen: 236.696 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

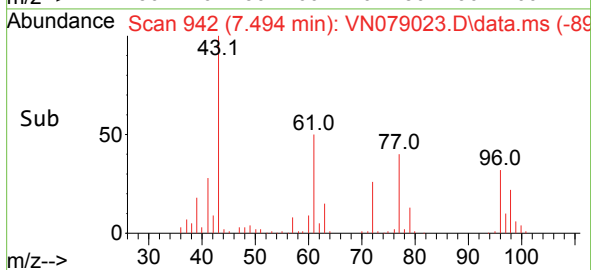
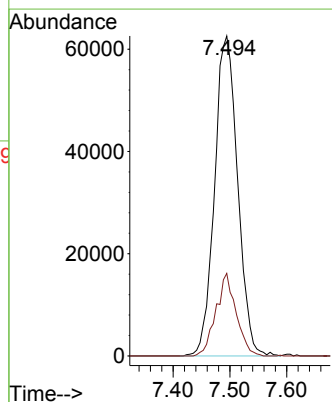
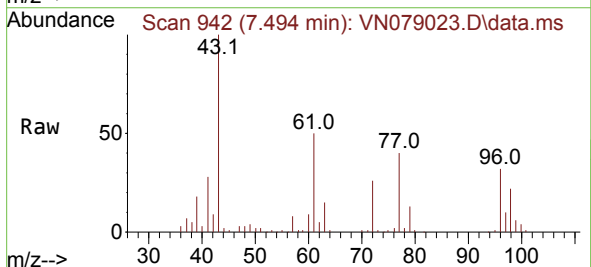
Instrument :
MSVOA_N
ClientSampleId :

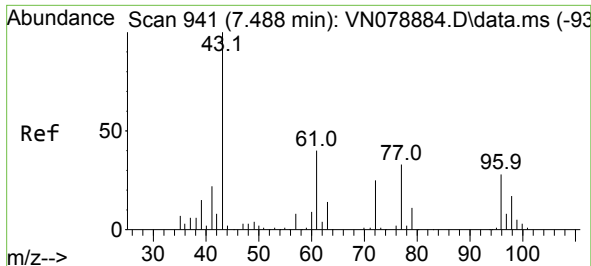
Tgt Ion: 43 Resp: 433461
Ion Ratio Lower Upper
43 100
72 24.4 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 49.734 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

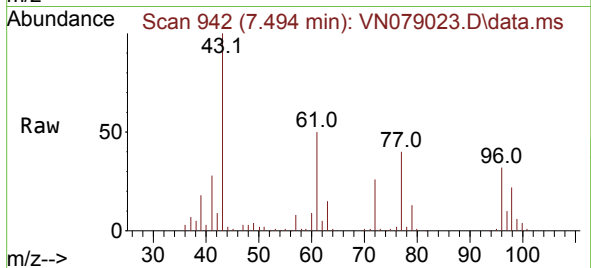
Tgt Ion: 77 Resp: 176606
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6



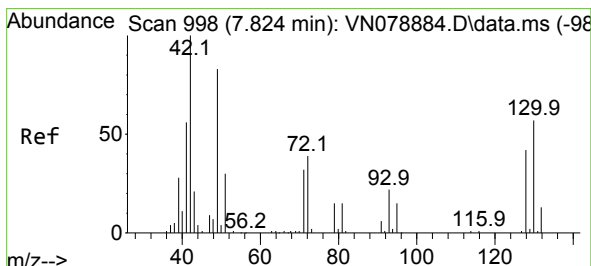
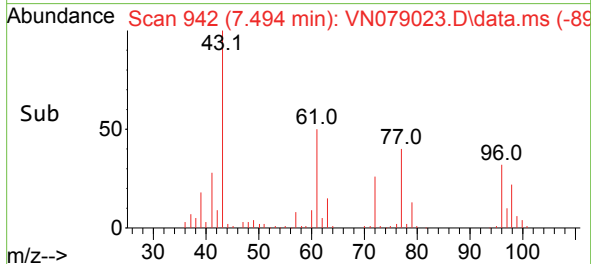
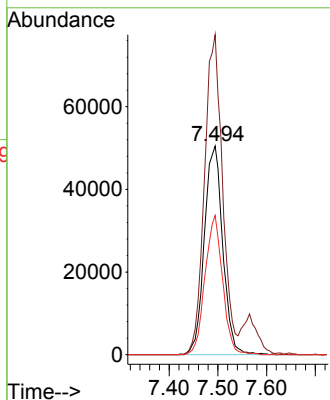


#27
 cis-1,2-Dichloroethene
 Concen: 51.024 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079023.D
 Acq: 24 Aug 2023 11:03

Instrument :
 MSVOA_N
 ClientSampleId :

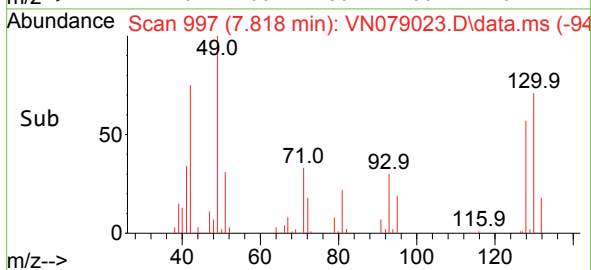
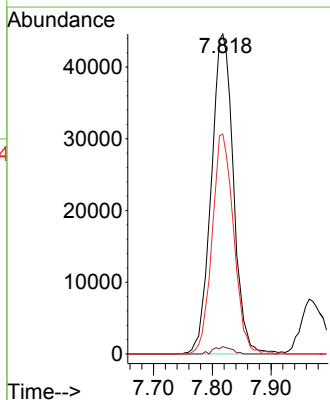
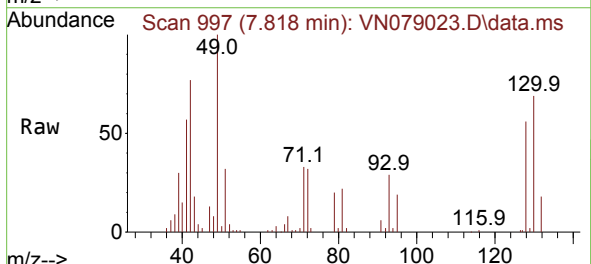


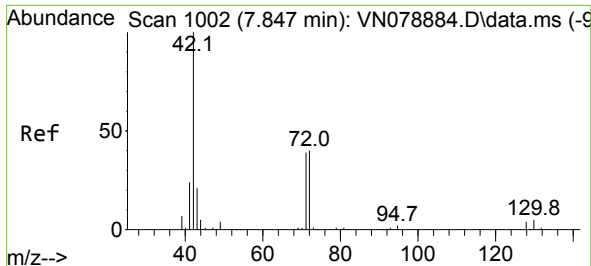
Tgt Ion: 96 Resp: 132820
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 255.2
 98 63.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 50.130 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079023.D
 Acq: 24 Aug 2023 11:03

Tgt Ion: 49 Resp: 116824
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 66.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 242.698 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

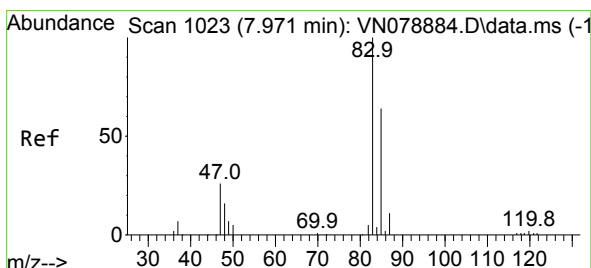
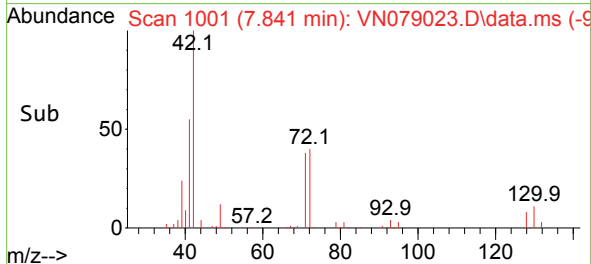
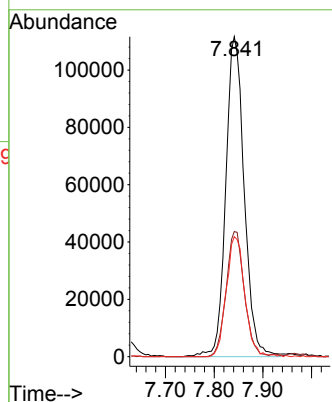
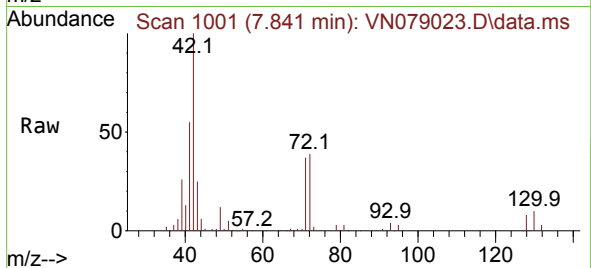
Tgt Ion: 42 Resp: 294181

Ion Ratio Lower Upper

42 100

72 38.5 49.8 74.6#

71 37.7 47.4 71.2#



#30

Chloroform

Concen: 52.154 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079023.D

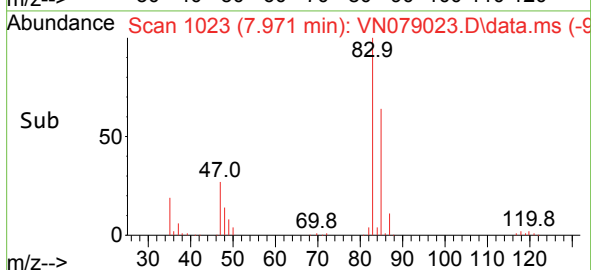
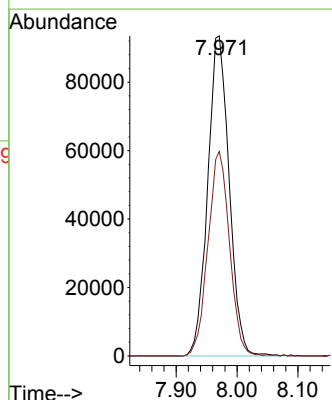
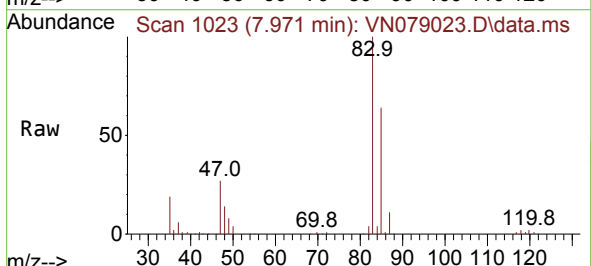
Acq: 24 Aug 2023 11:03

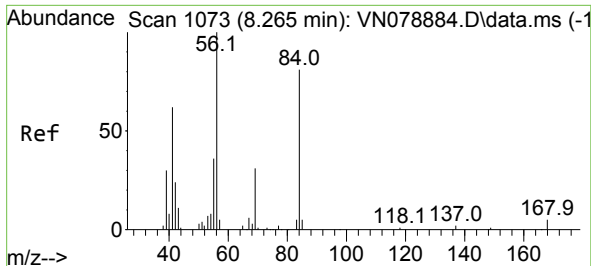
Tgt Ion: 83 Resp: 228899

Ion Ratio Lower Upper

83 100

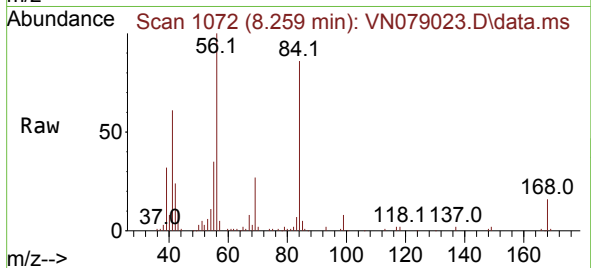
85 63.9 55.4 83.0



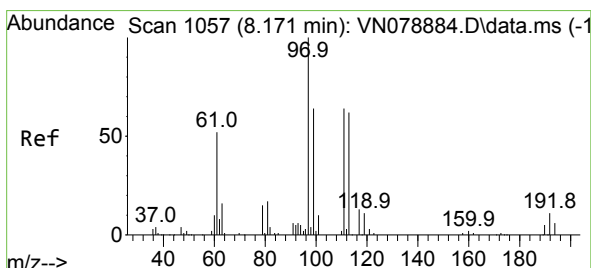
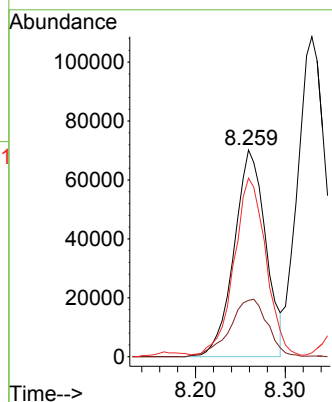
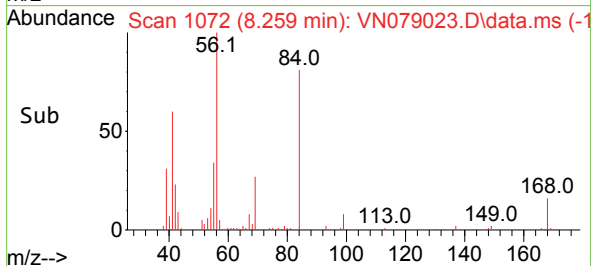


#31
Cyclohexane
Concen: 49.829 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :

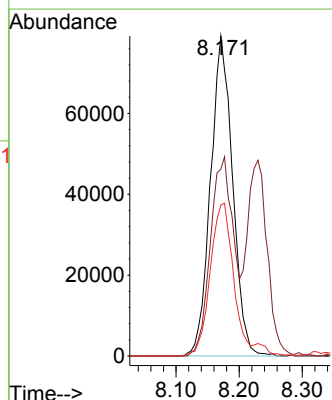
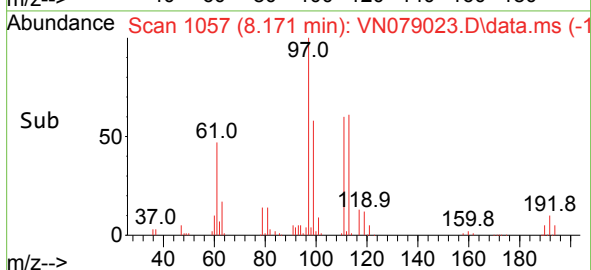
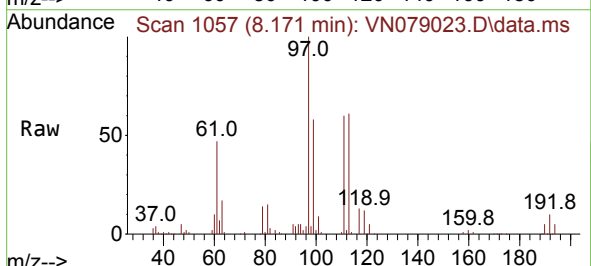


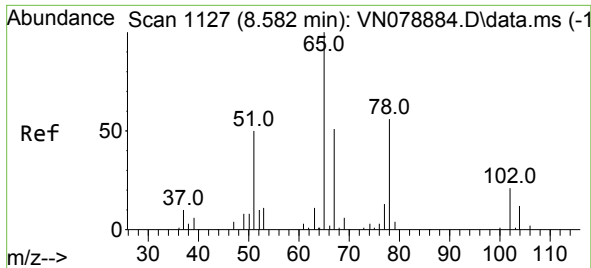
Tgt Ion: 56 Resp: 172058
Ion Ratio Lower Upper
56 100
69 27.2 26.8 40.2
84 84.8 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 51.376 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion: 97 Resp: 192263
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 50.2 34.7 52.1

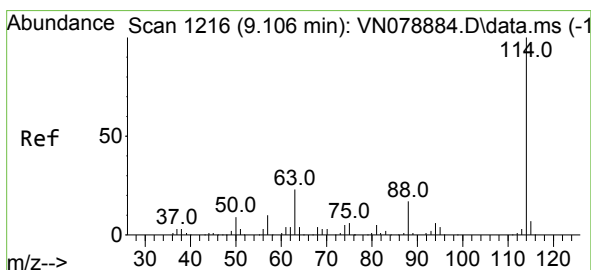
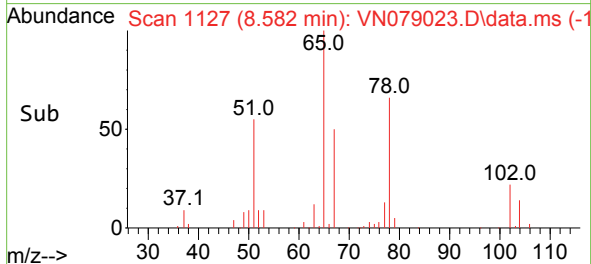
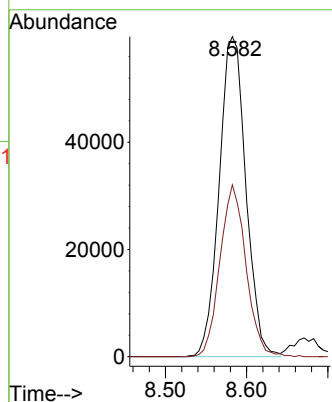
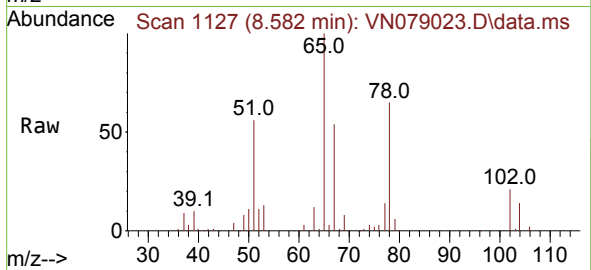




#33
 1,2-Dichloroethane-d4
 Concen: 49.391 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.001 min
 Lab File: VN079023.D
 Acq: 24 Aug 2023 11:03

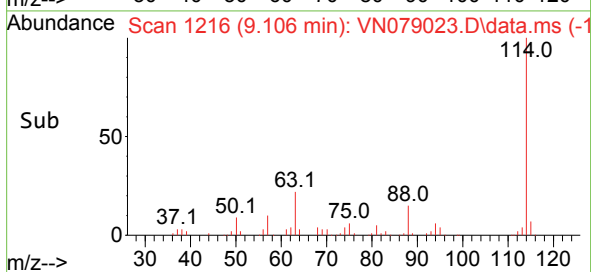
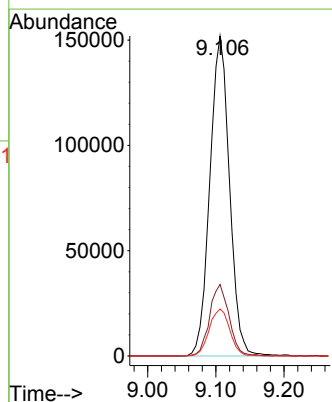
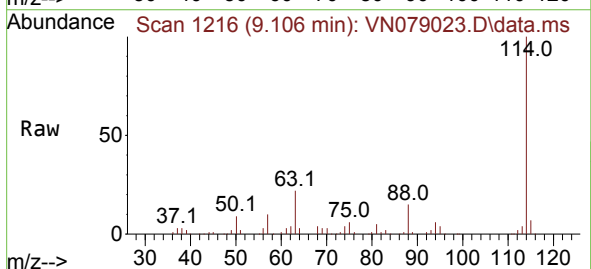
Instrument :
 MSVOA_N
 ClientSampleId :

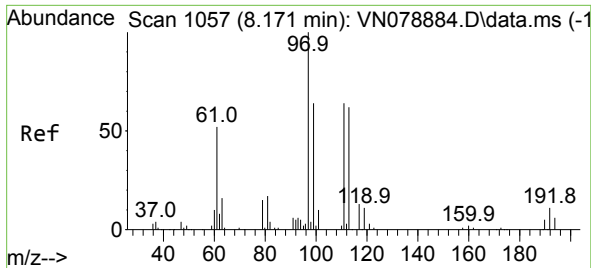
Tgt Ion: 65 Resp: 136726
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: VN079023.D
 Acq: 24 Aug 2023 11:03

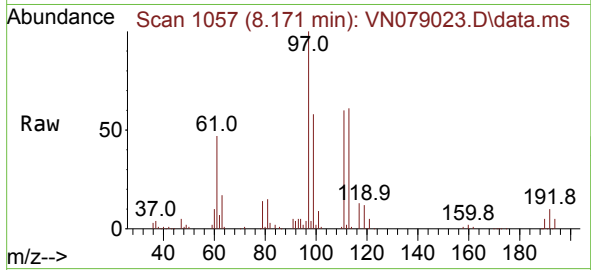
Tgt Ion:114 Resp: 304470
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 36.4
 88 14.7 0.0 30.6



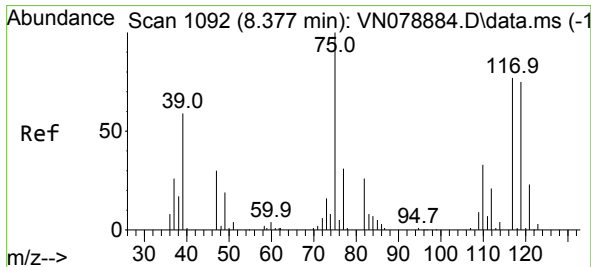
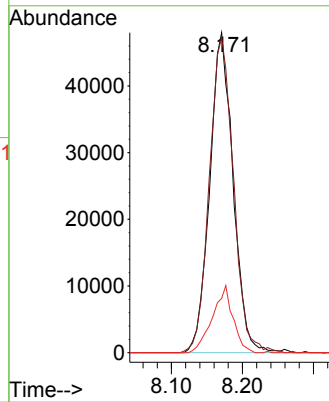
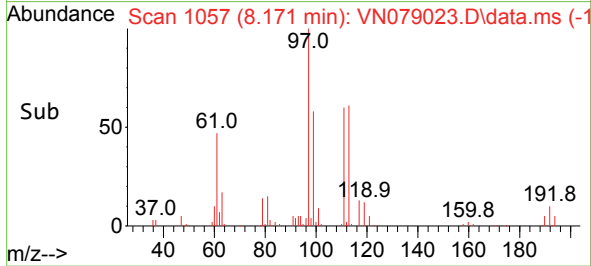


#35
Dibromofluoromethane
Concen: 53.308 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :

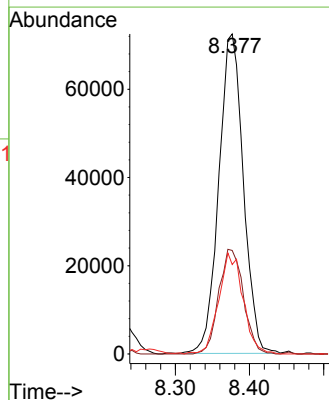
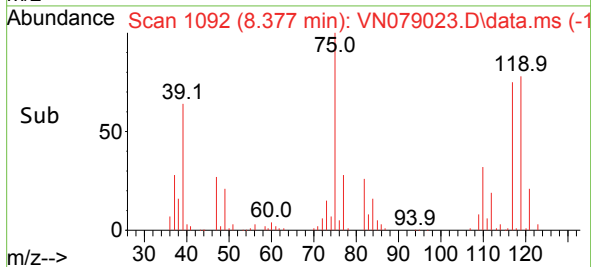
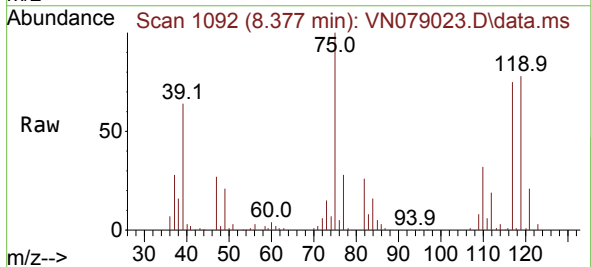


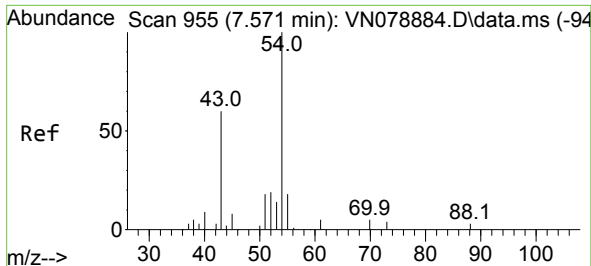
Tgt Ion:113 Resp: 109257
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 18.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 53.995 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion: 75 Resp: 166467
Ion Ratio Lower Upper
75 100
110 32.9 19.1 57.3
77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 52.991 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

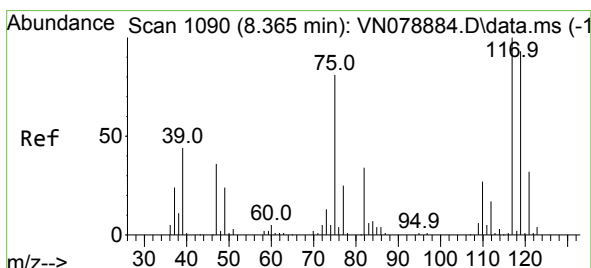
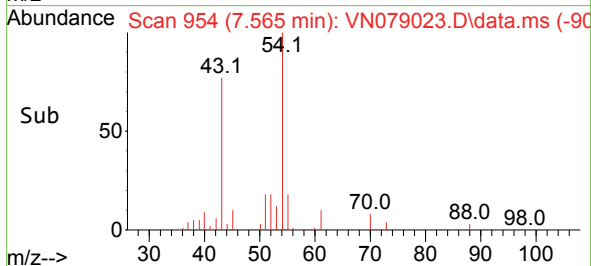
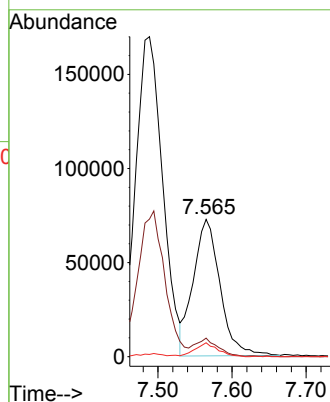
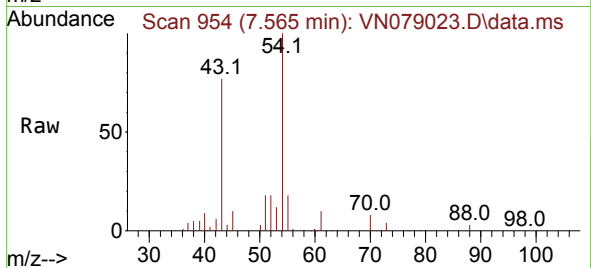
Tgt Ion: 43 Resp: 182789

Ion Ratio Lower Upper

43 100

61 10.7 13.2 19.8#

70 8.7 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 54.541 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

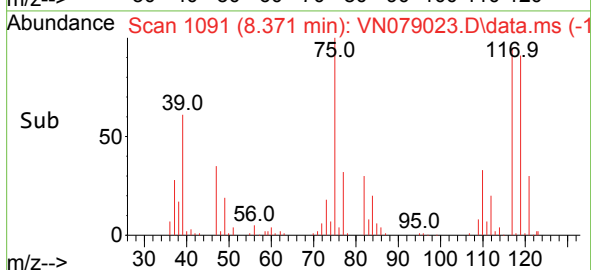
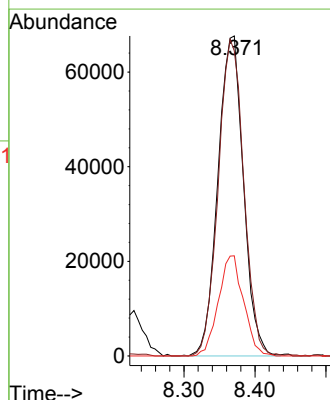
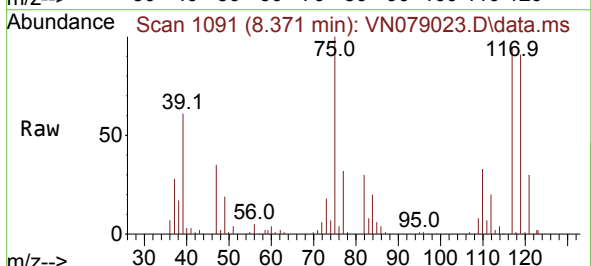
Tgt Ion: 117 Resp: 168483

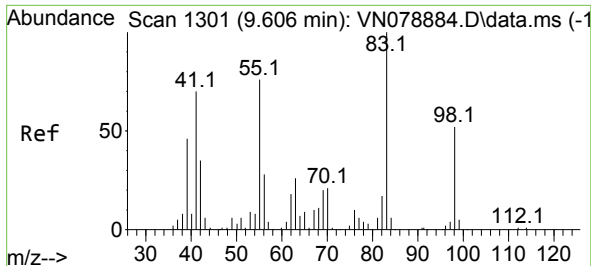
Ion Ratio Lower Upper

117 100

119 95.3 77.3 115.9

121 31.3 23.3 34.9

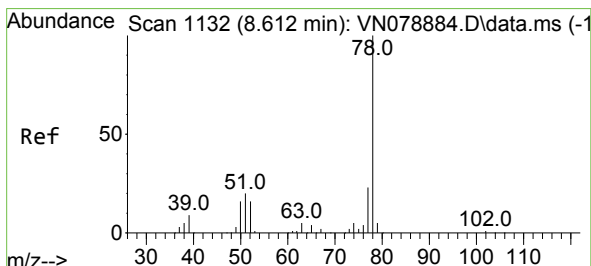
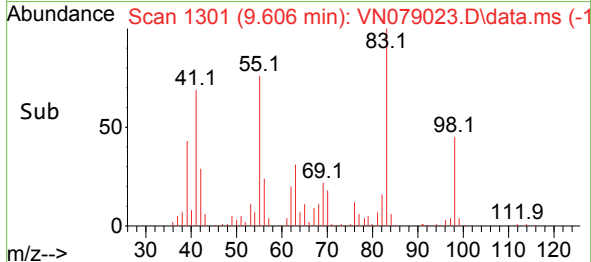
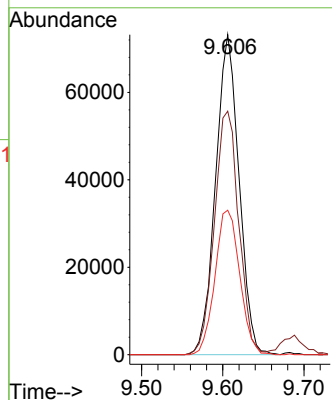
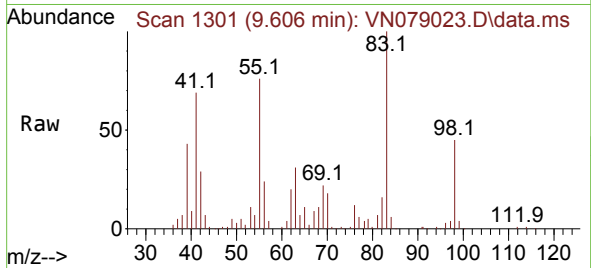




#39
Methylcyclohexane
Concen: 51.886 ug/l
RT: 9.606 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

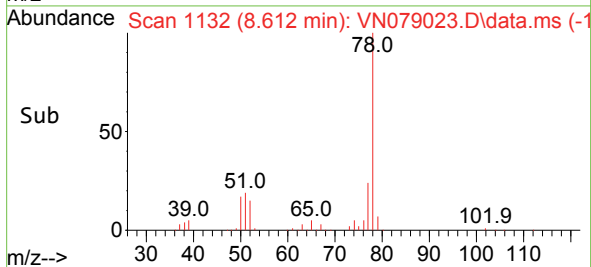
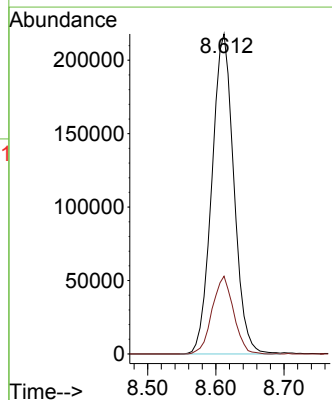
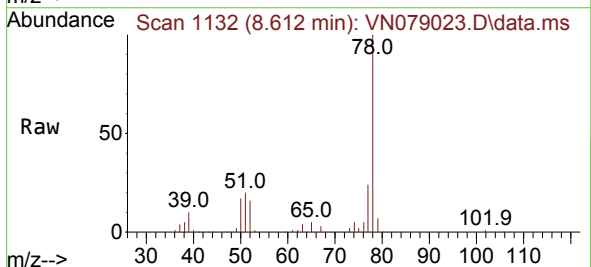
Instrument :
MSVOA_N
ClientSampleId :

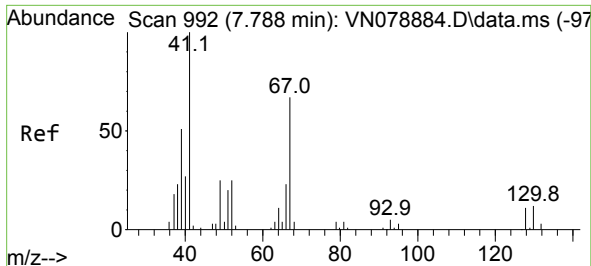
Tgt Ion: 83 Resp: 147120
Ion Ratio Lower Upper
83 100
55 76.1 49.1 73.7#
98 45.2 40.6 61.0



#40
Benzene
Concen: 53.669 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

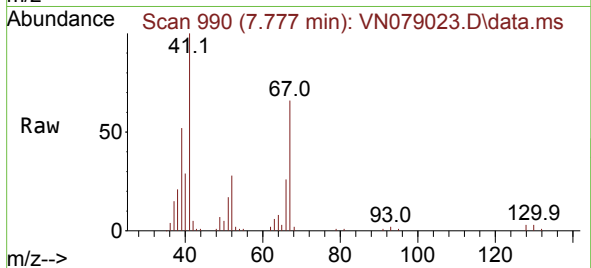
Tgt Ion: 78 Resp: 489069
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6



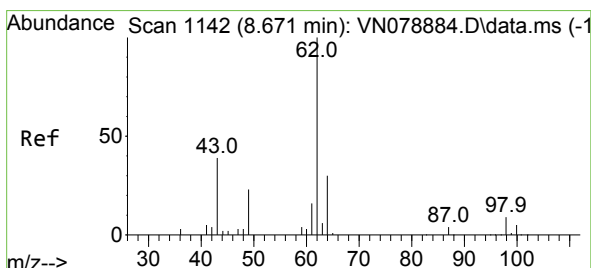
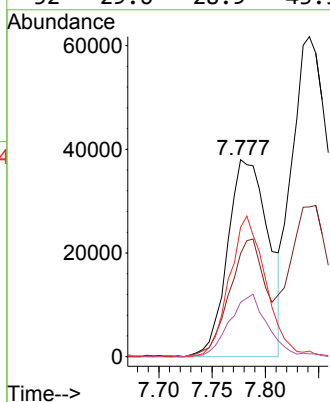
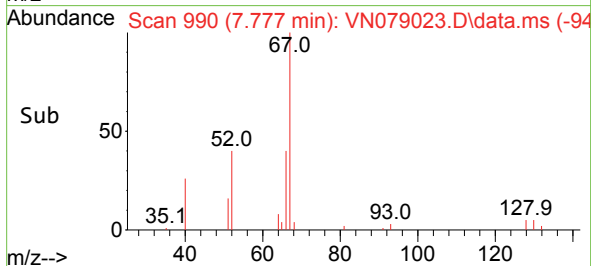


#41
Methacrylonitrile
Concen: 54.104 ug/l
RT: 7.777 min Scan# 992
Delta R.T. -0.017 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :

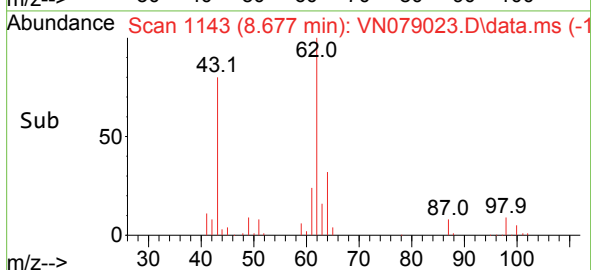
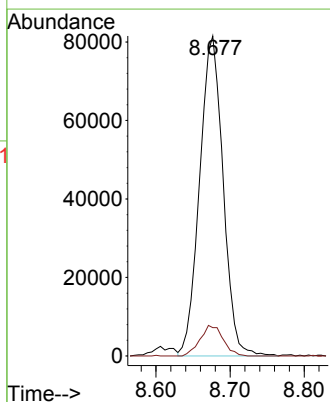
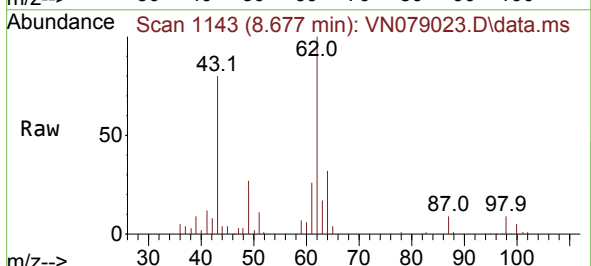


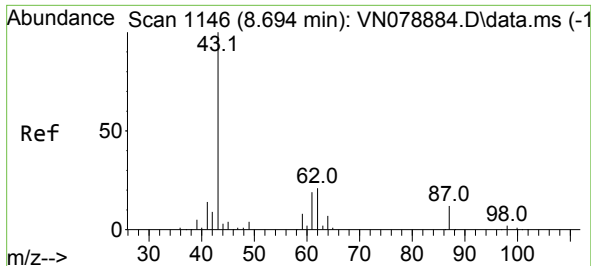
Tgt Ion:	41	Resp:	101644
Ion	Ratio	Lower	Upper
41	100		
39	51.9	42.6	64.0
67	63.7	77.5	116.3
52	29.6	28.9	43.3



#42
1,2-Dichloroethane
Concen: 52.715 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion:	62	Resp:	179470
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8

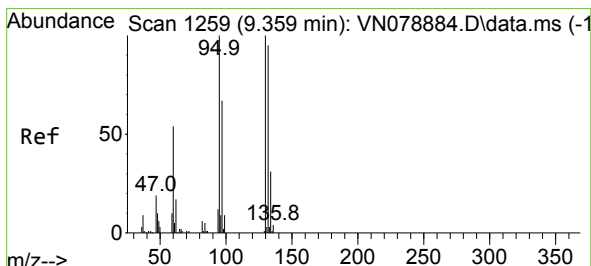
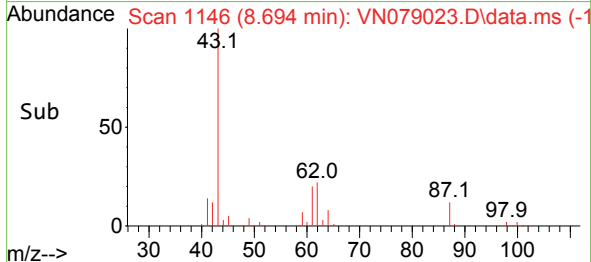
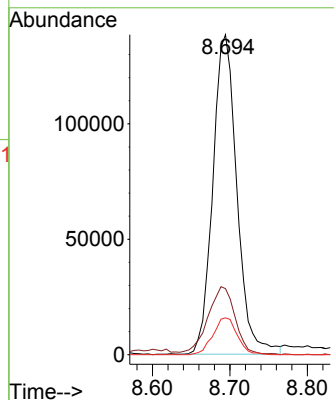
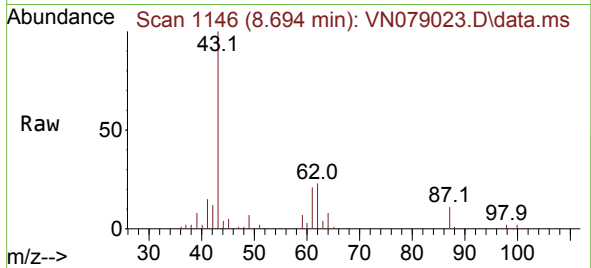




#43
Isopropyl Acetate
Concen: 49.110 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

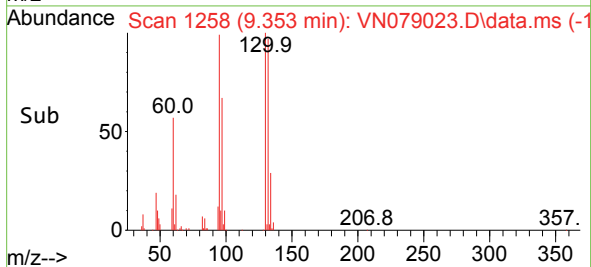
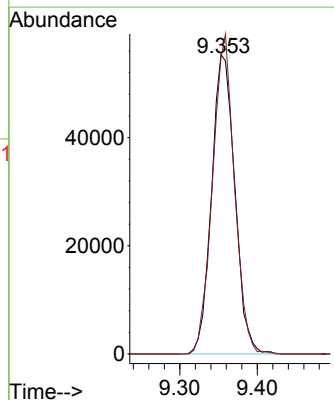
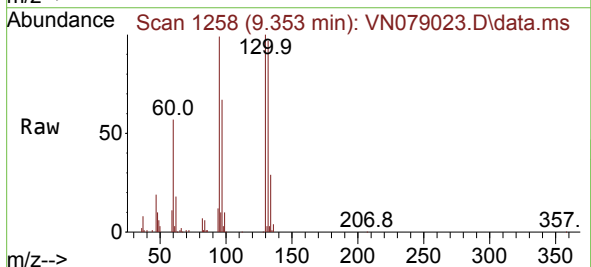
Instrument :
MSVOA_N
ClientSampleId :

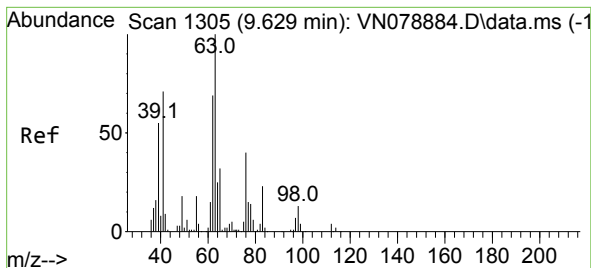
Tgt Ion: 43 Resp: 299419
Ion Ratio Lower Upper
43 100
61 24.3 24.7 37.1#
87 11.7 14.6 21.8#



#44
Trichloroethene
Concen: 53.317 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion:130 Resp: 115444
Ion Ratio Lower Upper
130 100
95 99.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 53.617 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

Instrument :

MSVOA_N

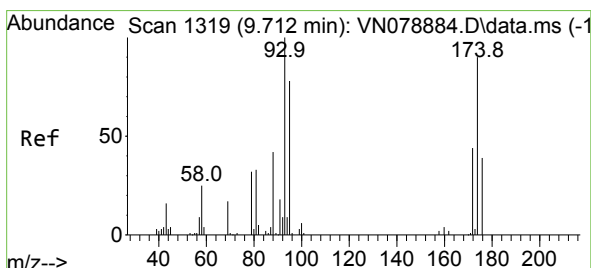
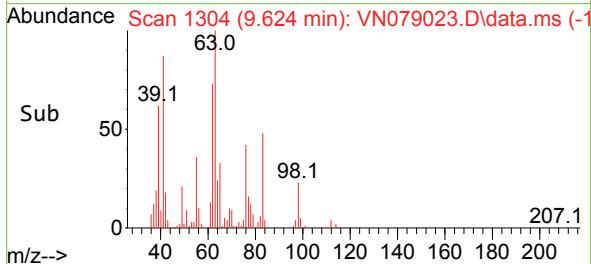
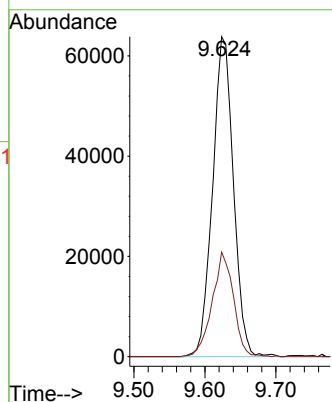
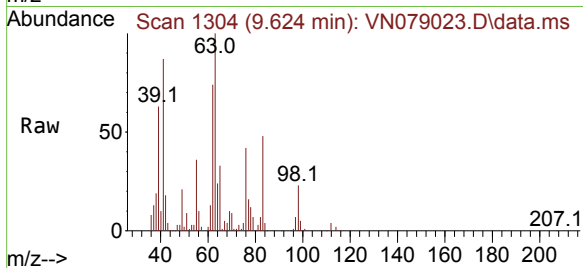
ClientSampleId :

Tgt Ion: 63 Resp: 130086

Ion Ratio Lower Upper

63 100

65 32.7 23.9 35.9



#46

Dibromomethane

Concen: 51.891 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

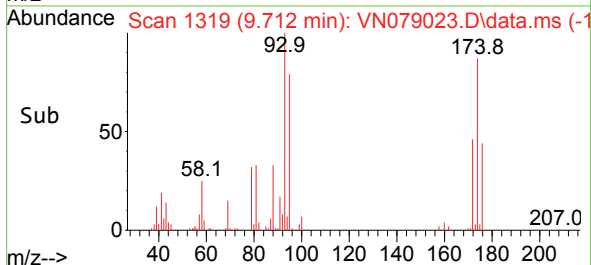
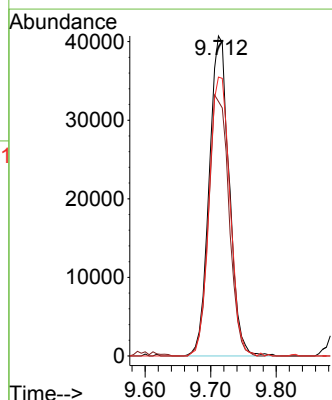
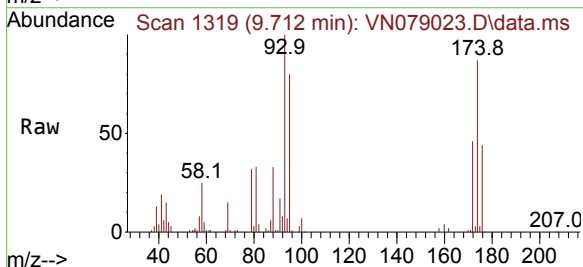
Tgt Ion: 93 Resp: 86353

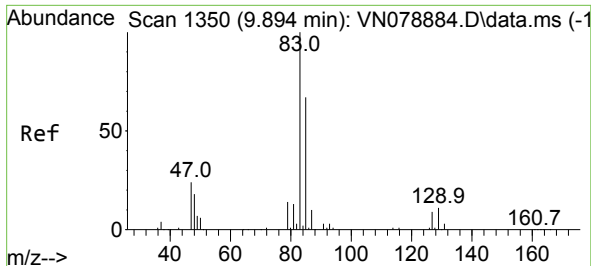
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

174 90.2 65.6 98.4





#47

Bromodichloromethane

Concen: 55.144 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VN079023.D

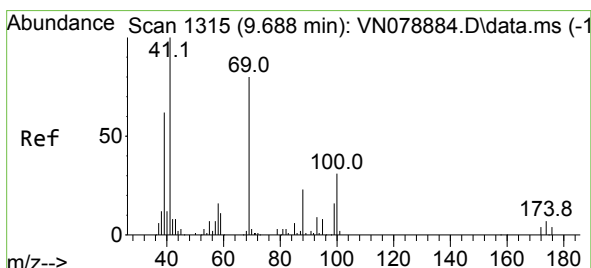
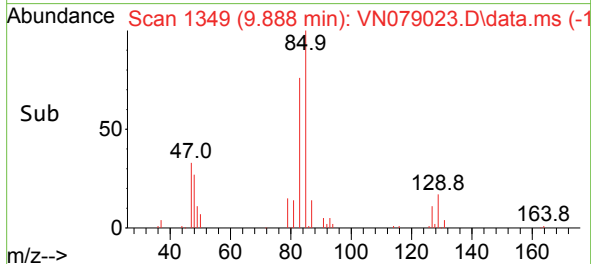
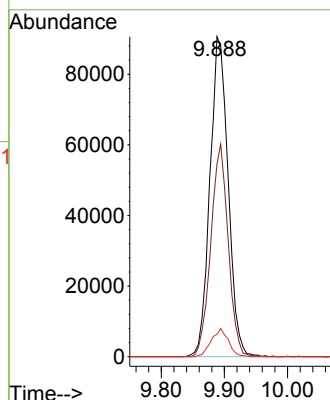
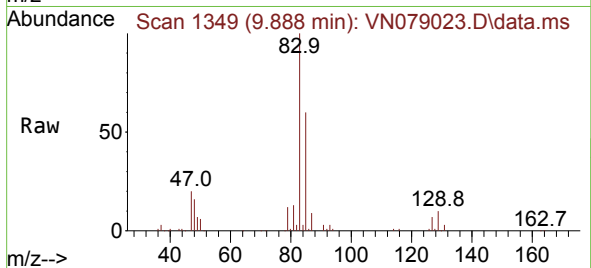
Acq: 24 Aug 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 181206
Ion Ratio	Lower Upper
83	100
85	60.3 49.6 74.4
127	6.9 7.0 10.6#



#48

Methyl methacrylate

Concen: 52.015 ug/l

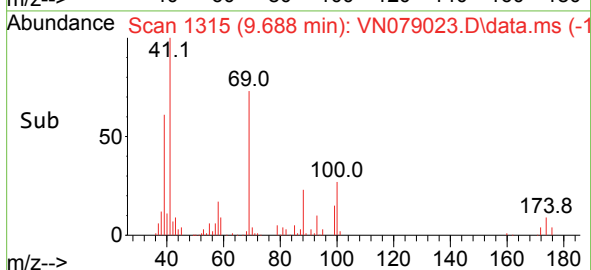
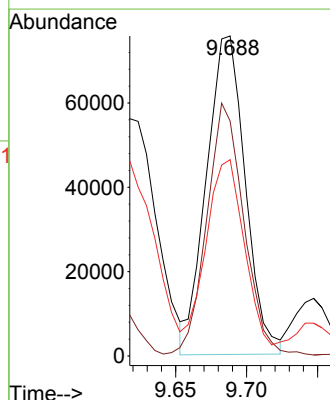
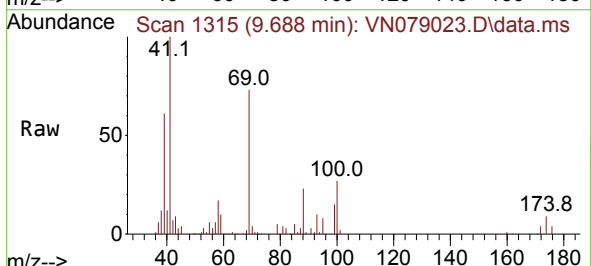
RT: 9.688 min Scan# 1315

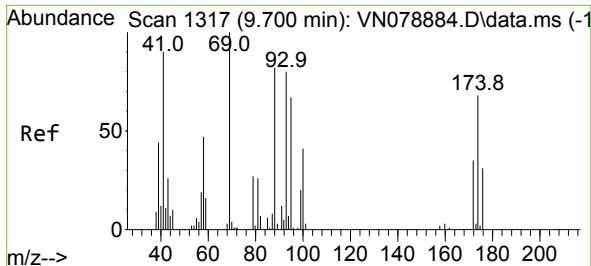
Delta R.T. 0.000 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

Tgt Ion: 41	Resp: 143708
Ion Ratio	Lower Upper
41	100
69	76.6 90.4 135.6#
39	62.1 54.6 81.8





#49

1,4-Dioxane

Concen: 1059.122 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

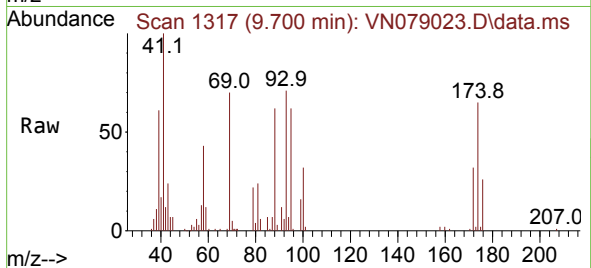
Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :



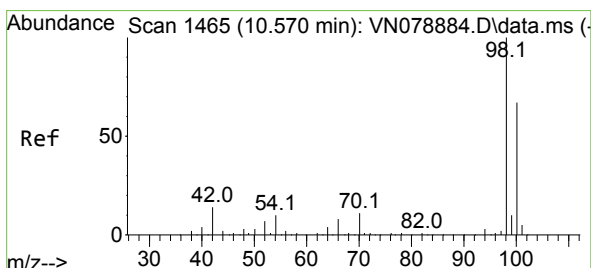
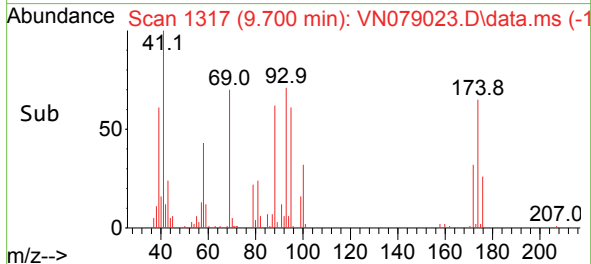
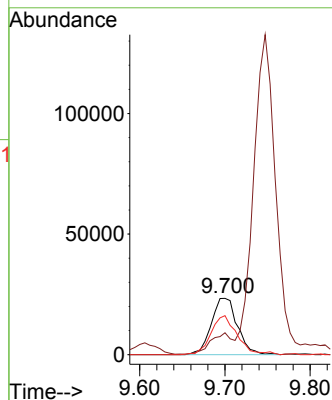
Tgt Ion: 88 Resp: 49841

Ion Ratio Lower Upper

88 100

43 32.1 17.0 25.6#

58 69.6 47.0 70.4



#50

Toluene-d8

Concen: 52.848 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079023.D

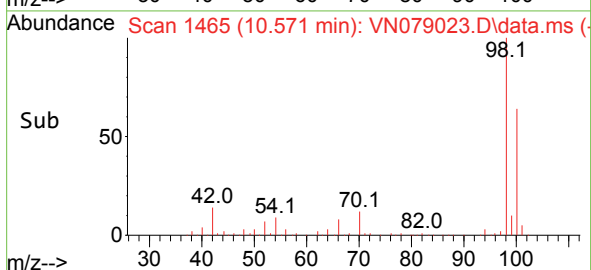
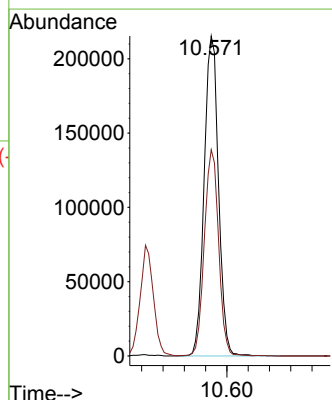
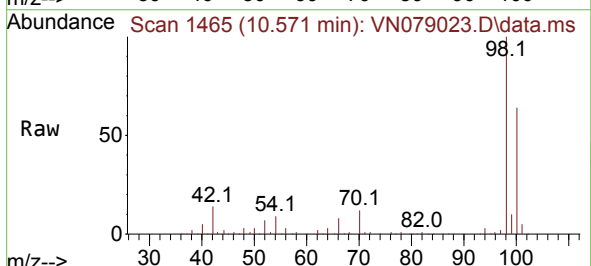
Acq: 24 Aug 2023 11:03

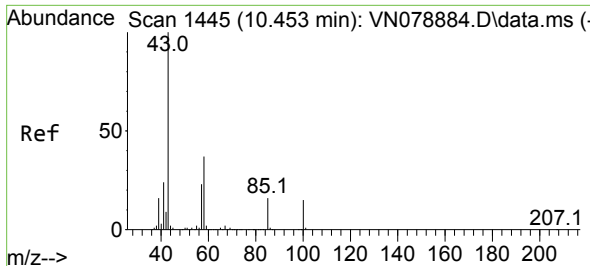
Tgt Ion: 98 Resp: 402181

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

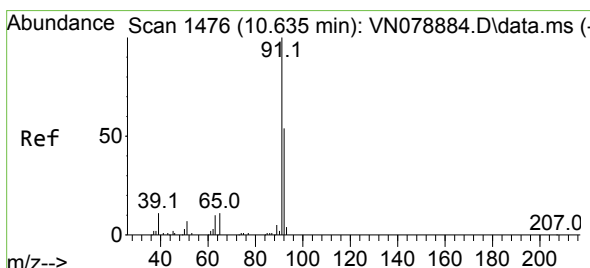
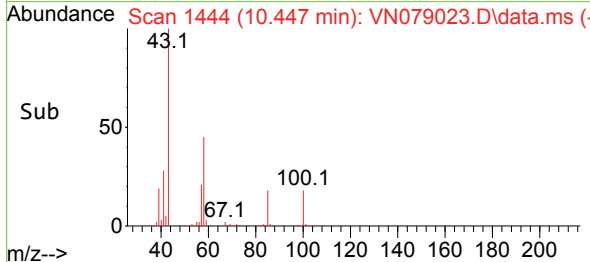
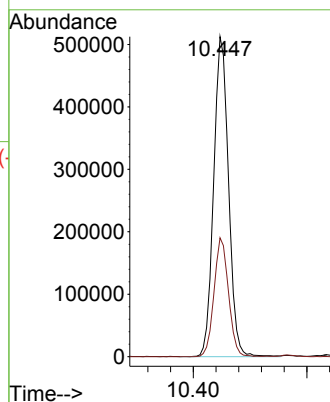
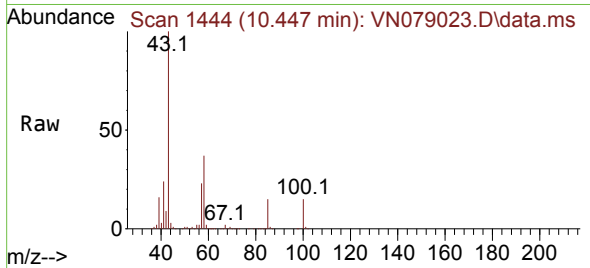




#51
4-Methyl-2-Pentanone
Concen: 256.948 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

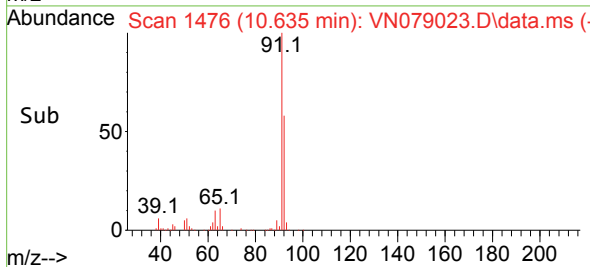
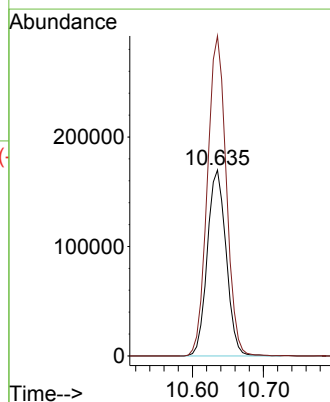
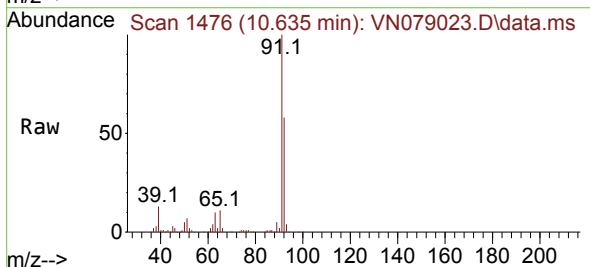
Instrument :
MSVOA_N
ClientSampleId :

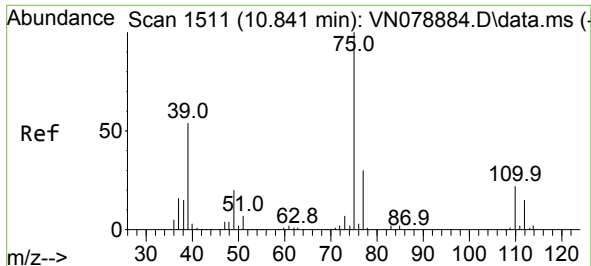
Tgt Ion: 43 Resp: 929145
Ion Ratio Lower Upper
43 100
58 36.2 36.6 54.8#



#52
Toluene
Concen: 55.874 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion: 92 Resp: 312607
Ion Ratio Lower Upper
92 100
91 172.7 137.4 206.0

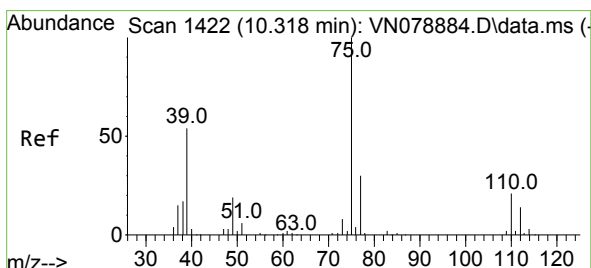
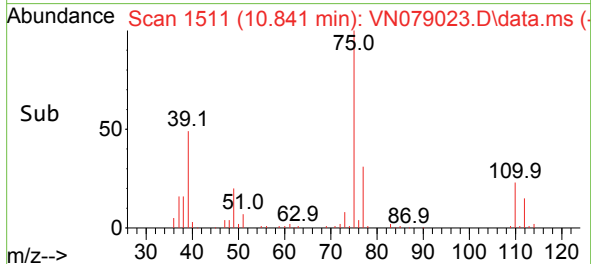
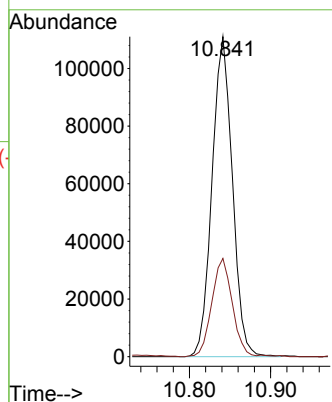
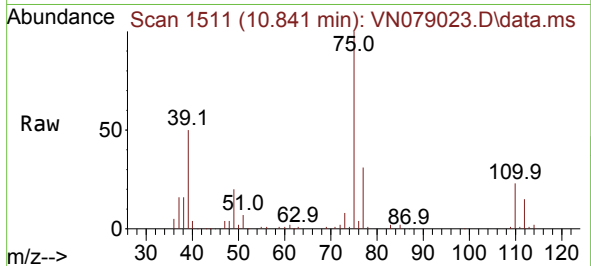




#53
 t-1,3-Dichloropropene
 Concen: 54.889 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079023.D
 Acq: 24 Aug 2023 11:03

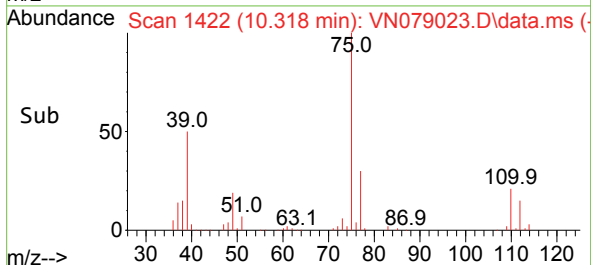
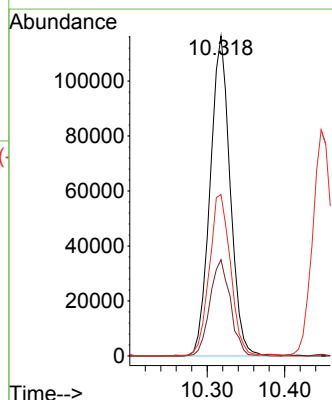
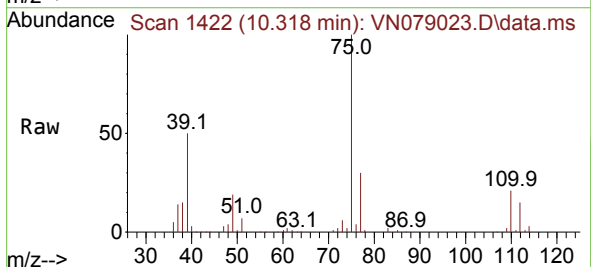
Instrument :
 MSVOA_N
 ClientSampleId :

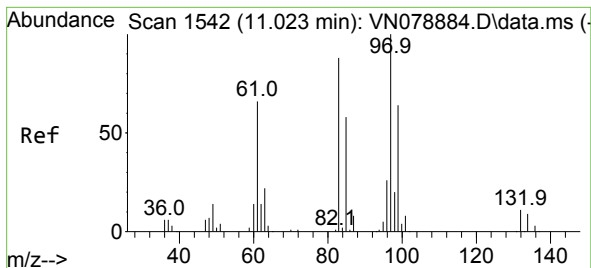
Tgt Ion: 75 Resp: 193426
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.365 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079023.D
 Acq: 24 Aug 2023 11:03

Tgt Ion: 75 Resp: 208651
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.1 39.1
 39 50.3 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 54.783 ug/l

RT: 11.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 122896

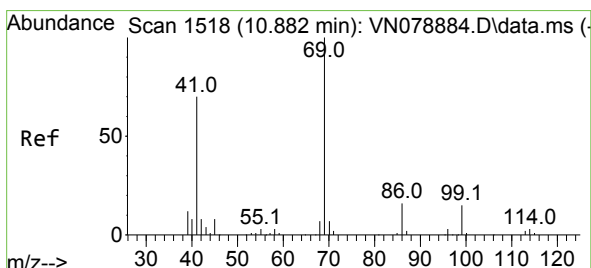
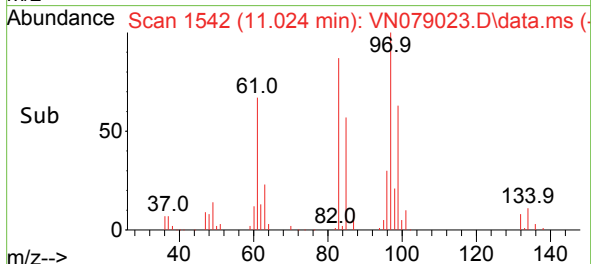
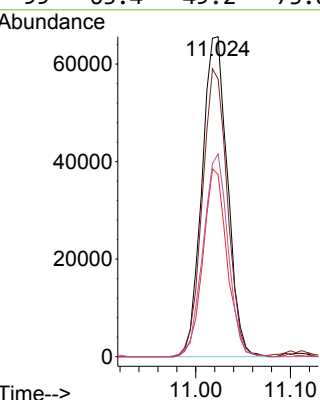
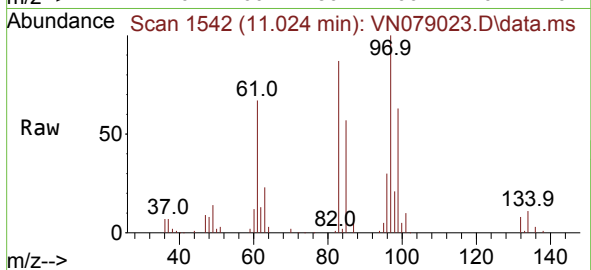
Ion Ratio Lower Upper

97 100

83 86.8 65.1 97.7

85 57.0 43.4 65.2

99 63.4 49.2 73.8



#56

Ethyl methacrylate

Concen: 54.352 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

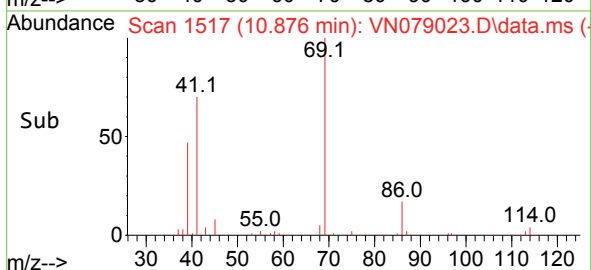
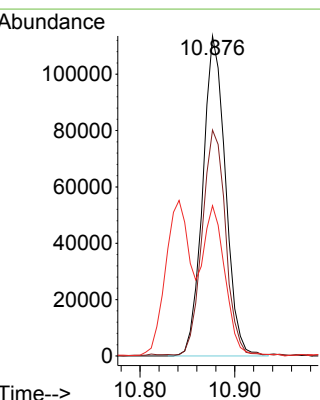
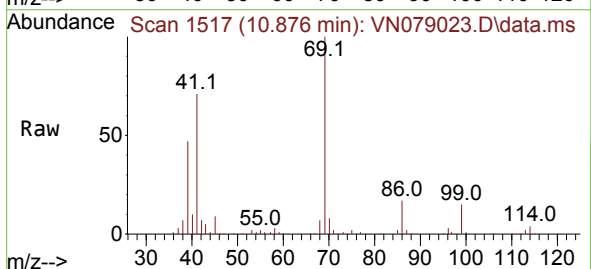
Tgt Ion: 69 Resp: 189007

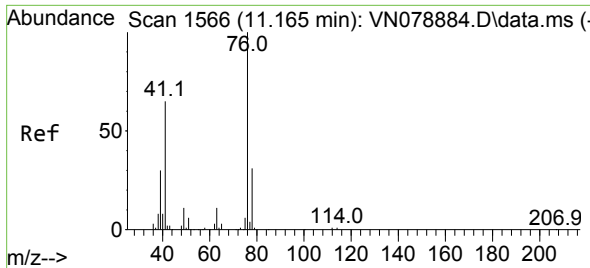
Ion Ratio Lower Upper

69 100

41 72.1 39.6 59.4#

39 45.9 28.6 43.0#

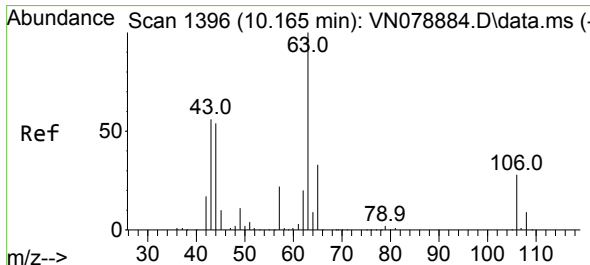
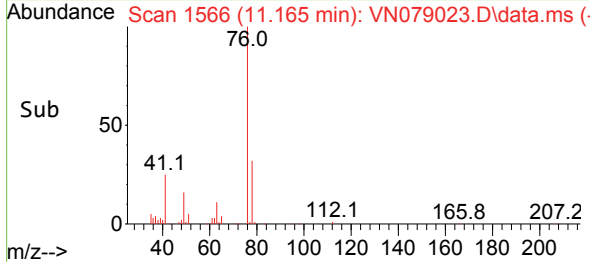
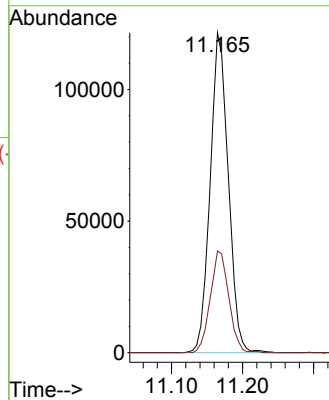
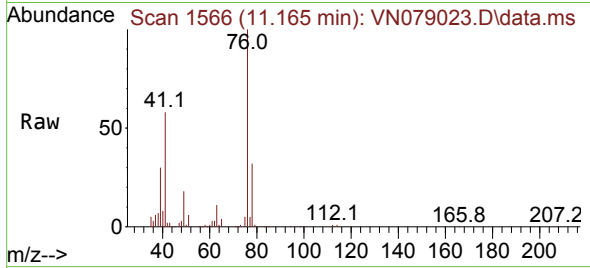




#57
1,3-Dichloropropane
Concen: 53.711 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

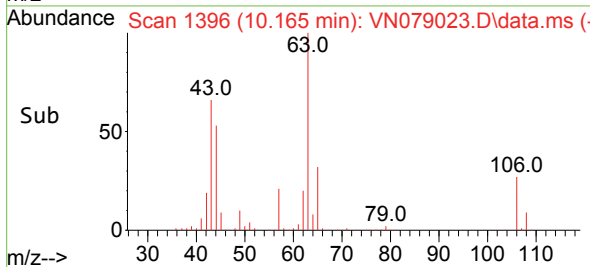
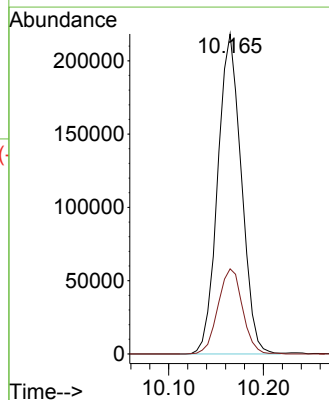
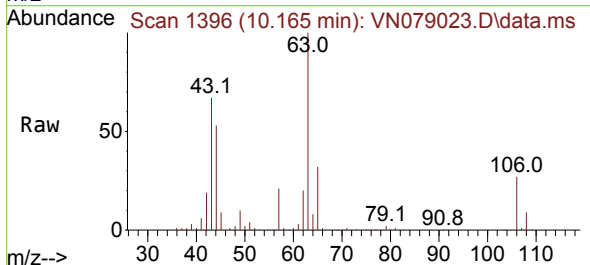
Instrument :
MSVOA_N
ClientSampleId :

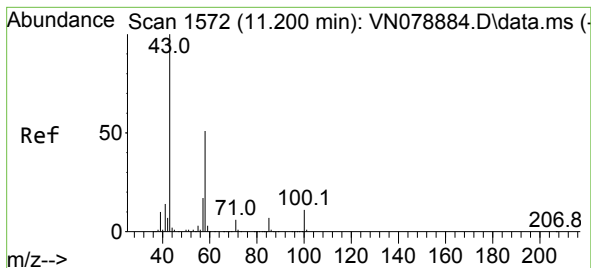
Tgt Ion: 76 Resp: 215515
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 226.622 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion: 63 Resp: 378294
Ion Ratio Lower Upper
63 100
106 27.5 26.2 39.4

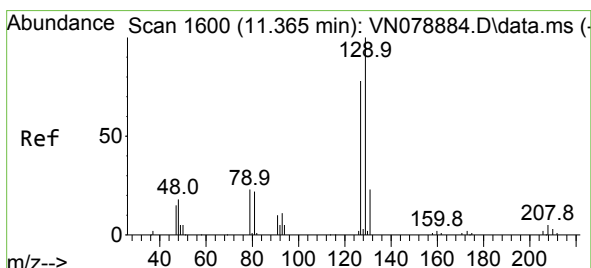
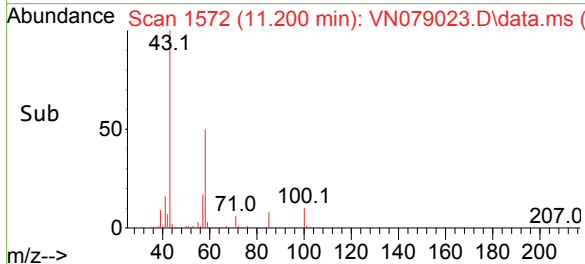
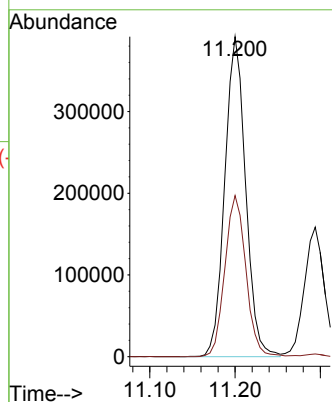
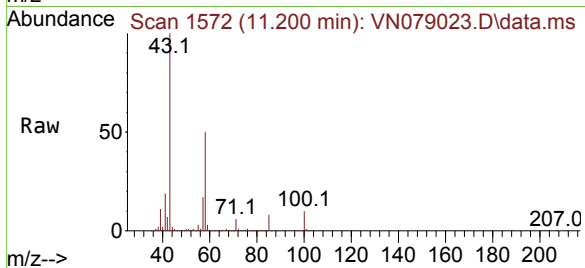




#59
2-Hexanone
Concen: 254.101 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

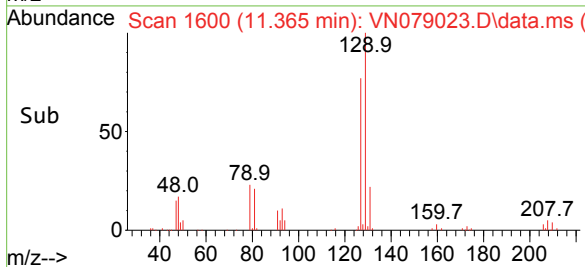
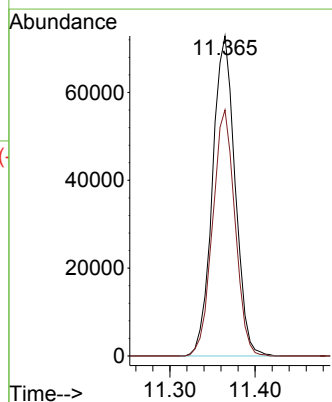
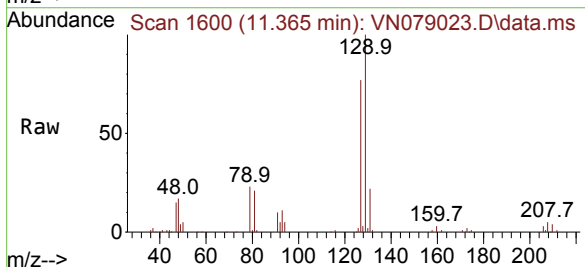
Instrument :
MSVOA_N
ClientSampleId :

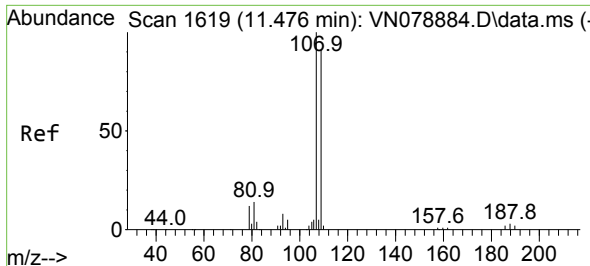
Tgt Ion: 43 Resp: 665522
Ion Ratio Lower Upper
43 100
58 50.7 31.7 95.1



#60
Dibromochloromethane
Concen: 56.934 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion:129 Resp: 134404
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0

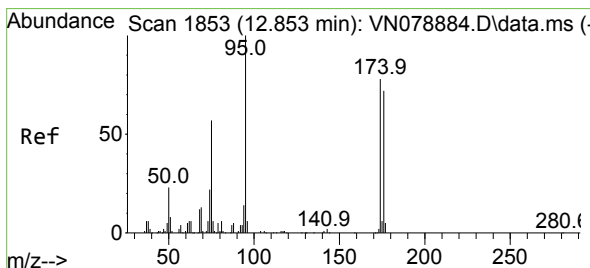
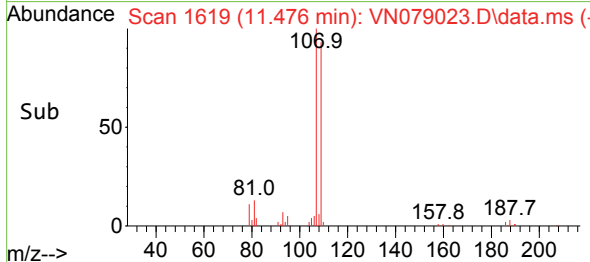
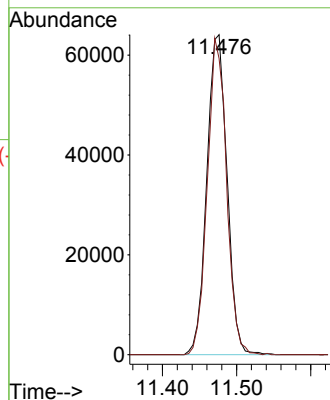
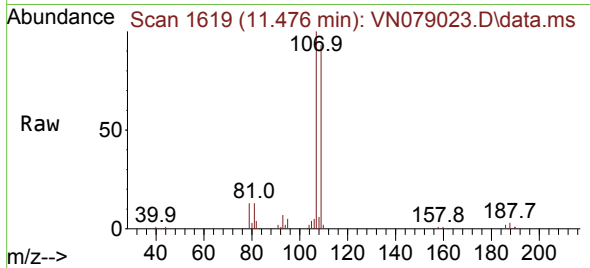




#61
1,2-Dibromoethane
Concen: 53.258 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

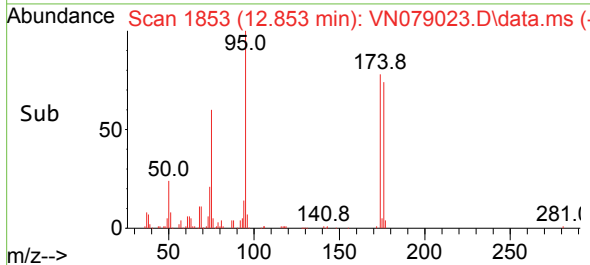
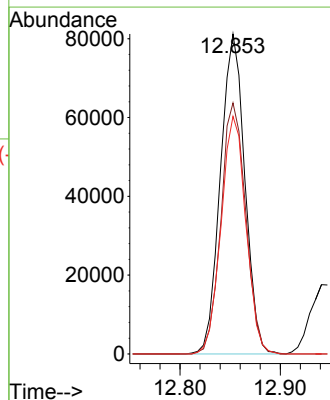
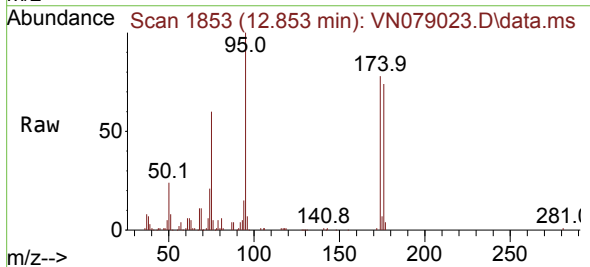
Instrument :
MSVOA_N
ClientSampleId :

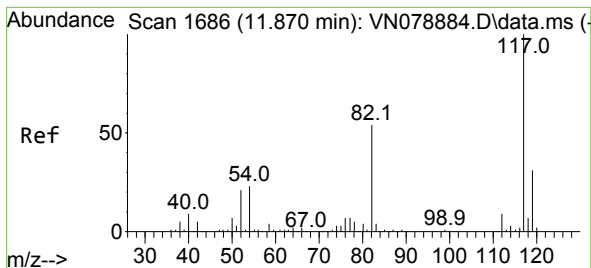
Tgt Ion:107 Resp: 121411
Ion Ratio Lower Upper
107 100
109 93.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 55.007 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion: 95 Resp: 136826
Ion Ratio Lower Upper
95 100
174 79.7 0.0 143.8
176 75.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

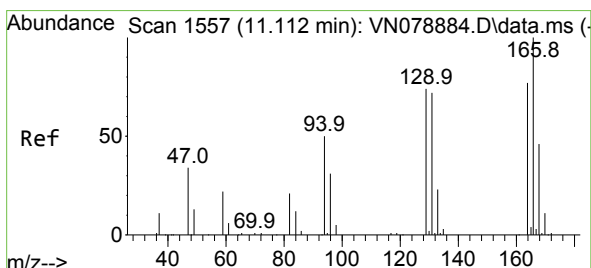
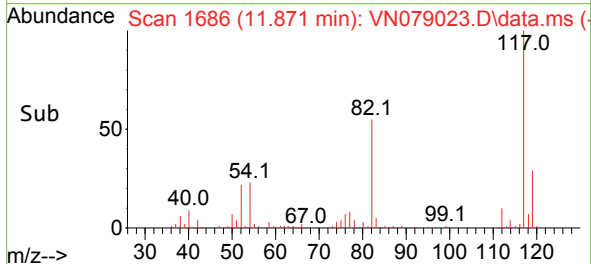
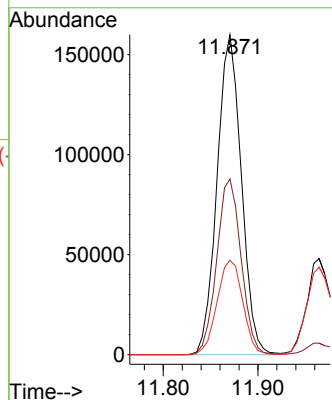
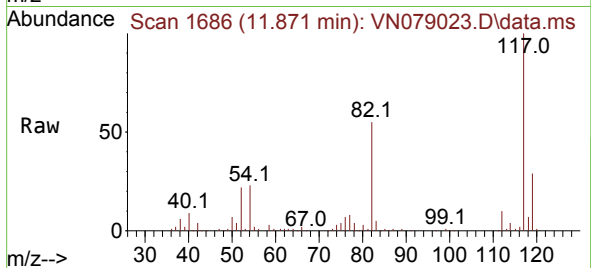
Tgt Ion:117 Resp: 285442

Ion Ratio Lower Upper

117 100

82 54.9 44.0 66.0

119 29.5 25.6 38.4



#64

Tetrachloroethene

Concen: 51.772 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

Tgt Ion:164 Resp: 92676

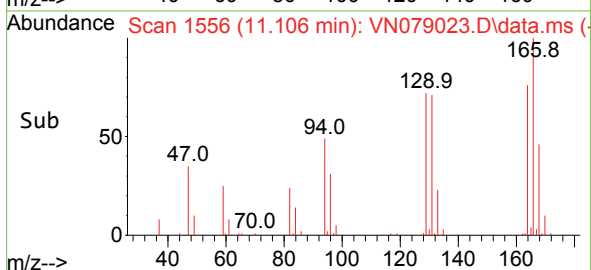
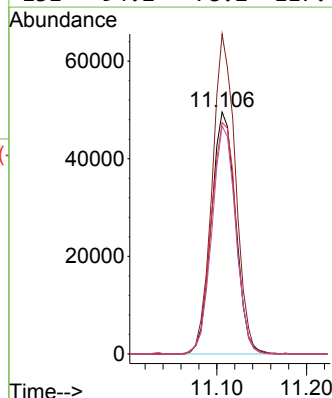
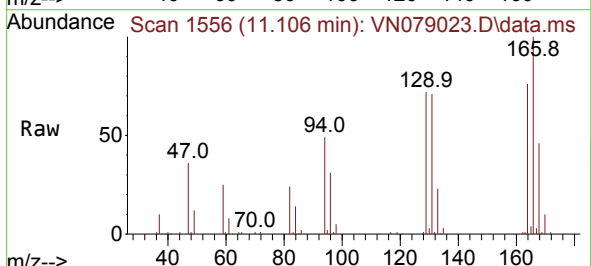
Ion Ratio Lower Upper

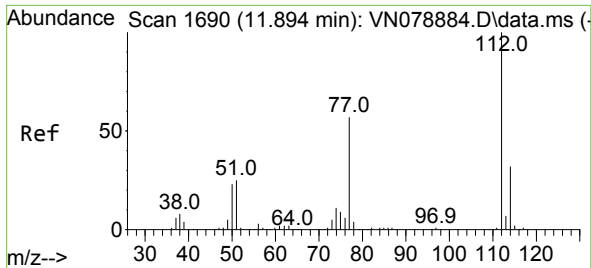
164 100

166 132.3 101.4 152.0

129 95.6 82.4 123.6

131 94.2 78.2 117.4

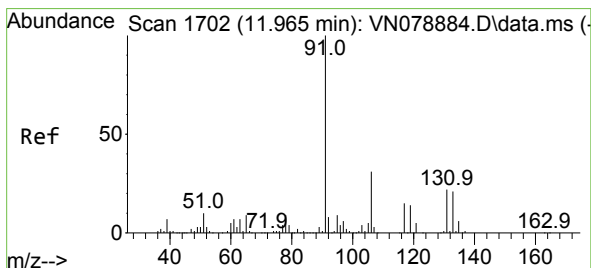
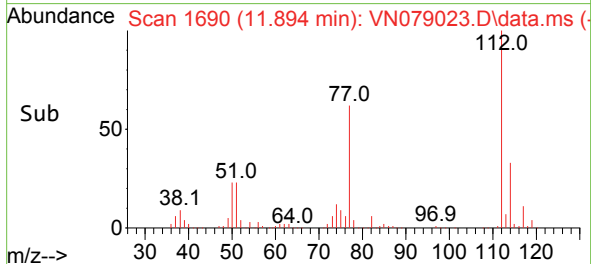
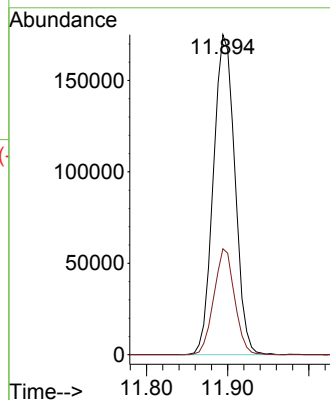
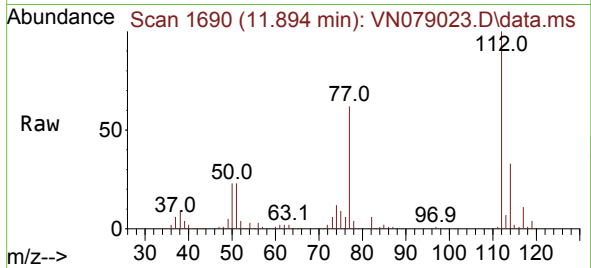




#65
Chlorobenzene
Concen: 53.123 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

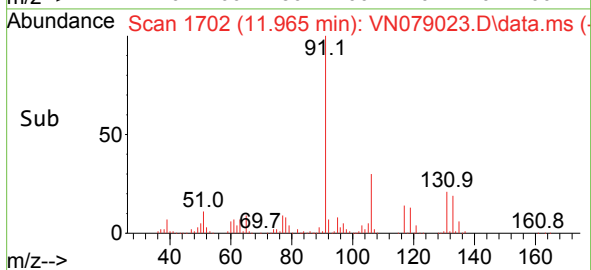
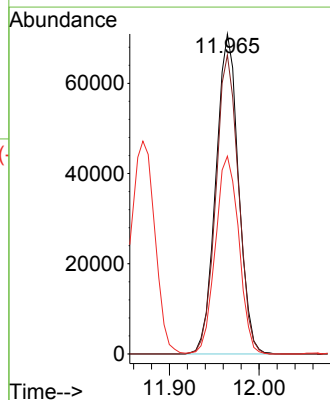
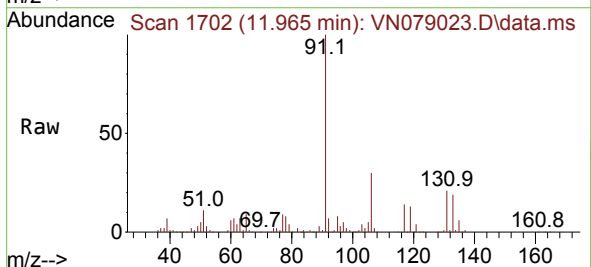
Instrument :
MSVOA_N
ClientSampleId :

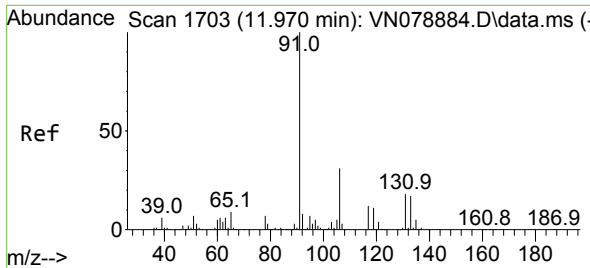
Tgt Ion:112 Resp: 322777
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.184 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion:131 Resp: 124418
Ion Ratio Lower Upper
131 100
133 93.4 46.4 139.1
119 63.8 34.1 102.2

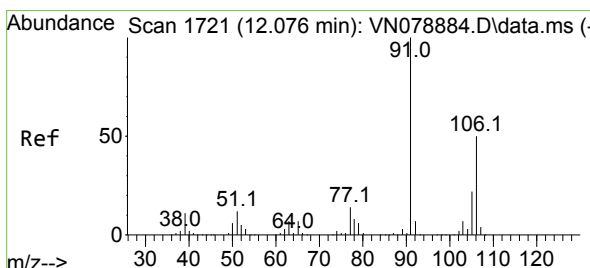
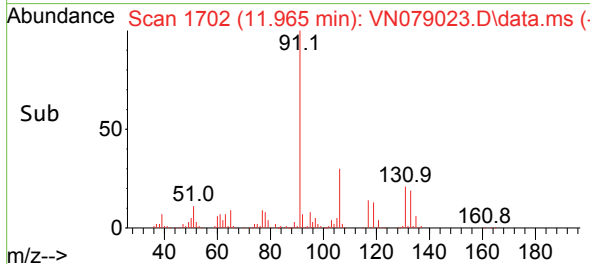
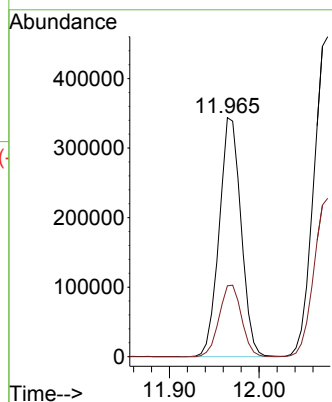
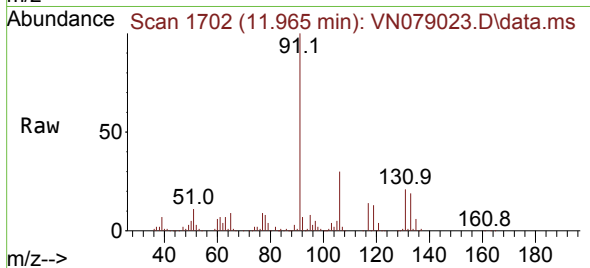




#67
Ethyl Benzene
Concen: 52.598 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

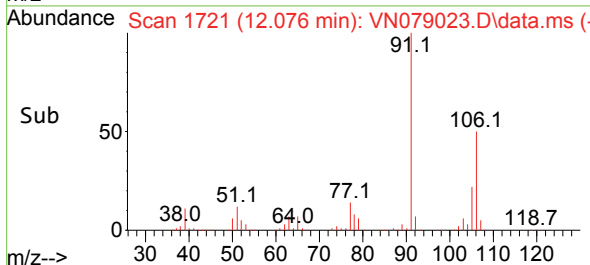
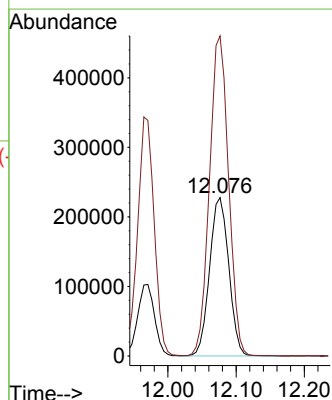
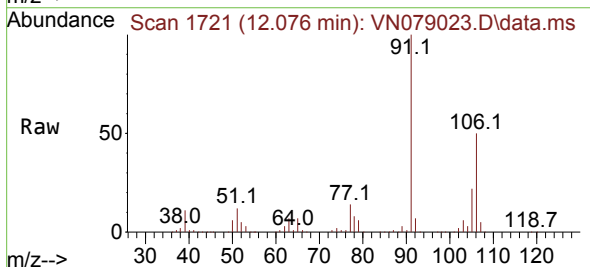
Instrument :
MSVOA_N
ClientSampleId :

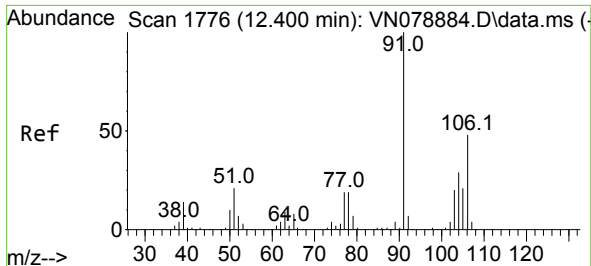
Tgt Ion: 91 Resp: 581171
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4



#68
m/p-Xylenes
Concen: 107.985 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion:106 Resp: 446101
Ion Ratio Lower Upper
106 100
91 201.6 159.6 239.4

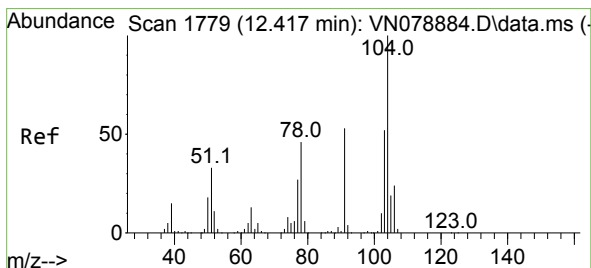
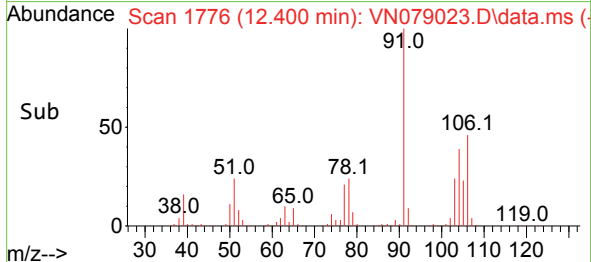
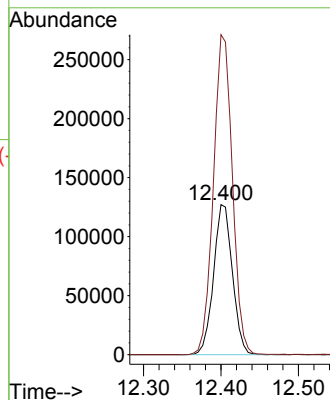
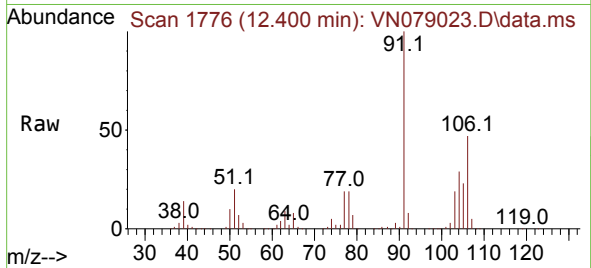




#69
o-Xylene
Concen: 53.339 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

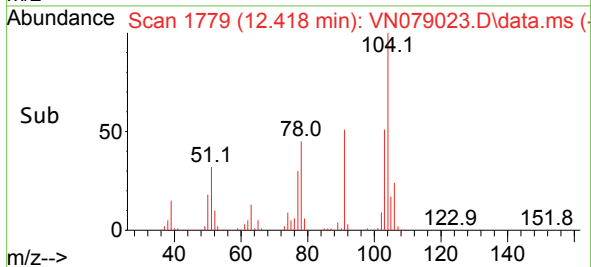
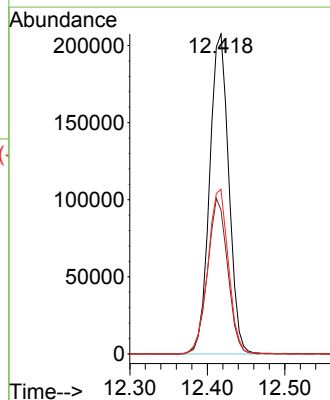
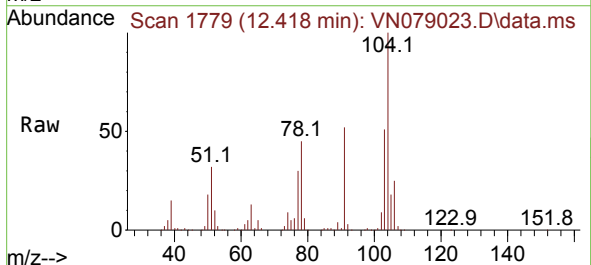
Instrument :
MSVOA_N
ClientSampleId :

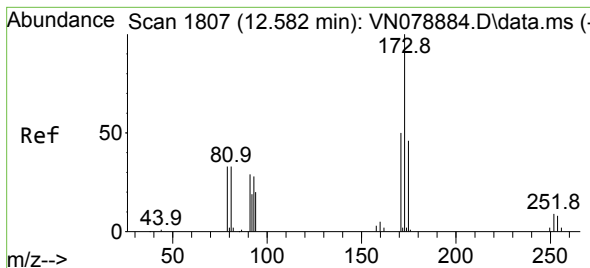
Tgt Ion:106 Resp: 214354
Ion Ratio Lower Upper
106 100
91 215.2 105.2 315.5



#70
Styrene
Concen: 53.316 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion:104 Resp: 357265
Ion Ratio Lower Upper
104 100
78 51.0 39.5 59.3
103 55.2 43.2 64.8





#71

Bromoform

Concen: 55.245 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079023.D

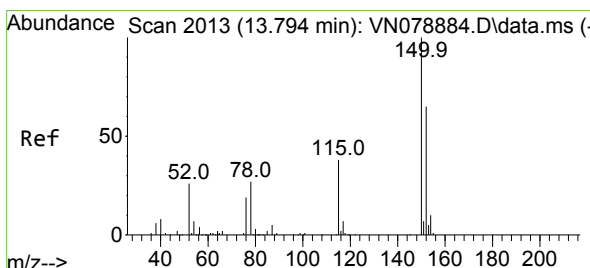
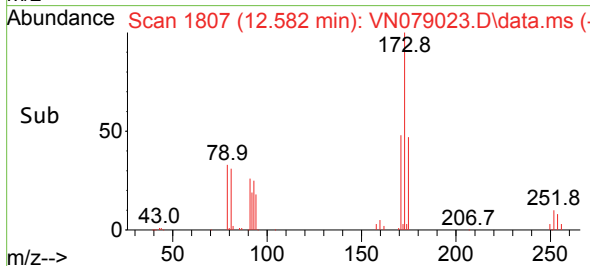
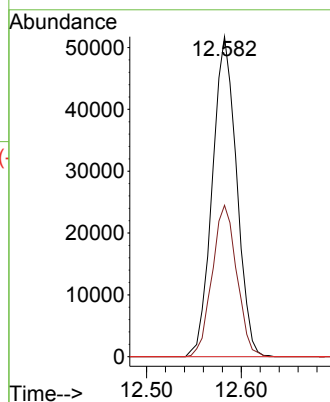
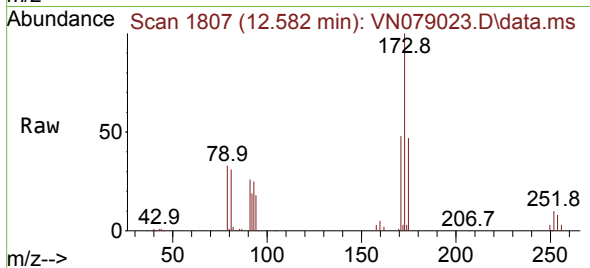
Acq: 24 Aug 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	92223
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.3	73.0
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

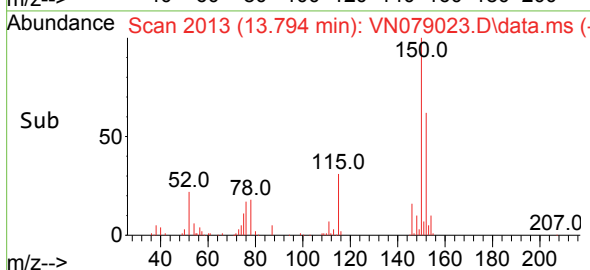
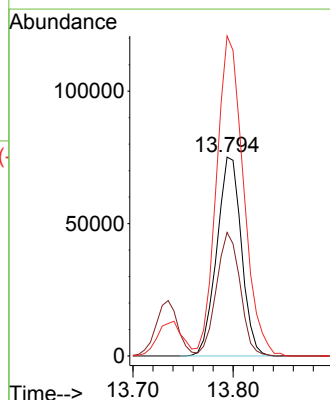
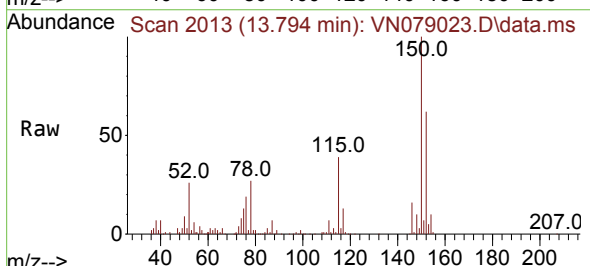
RT: 13.794 min Scan# 2013

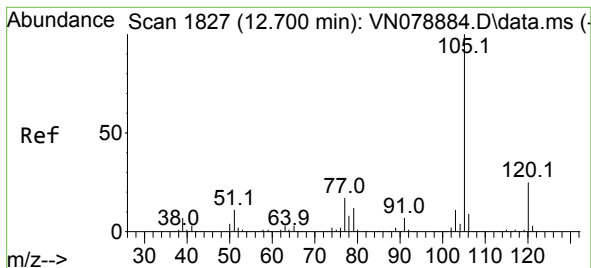
Delta R.T. -0.000 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

Tgt Ion:	152	Resp:	128055
Ion Ratio	Lower	Upper	
152	100		
115	59.8	32.3	96.8
150	176.6	0.0	355.8





#73

Isopropylbenzene

Concen: 49.112 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

Instrument :

MSVOA_N

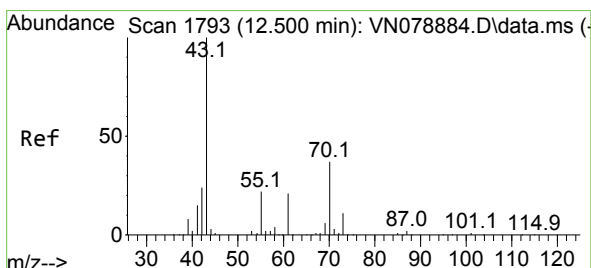
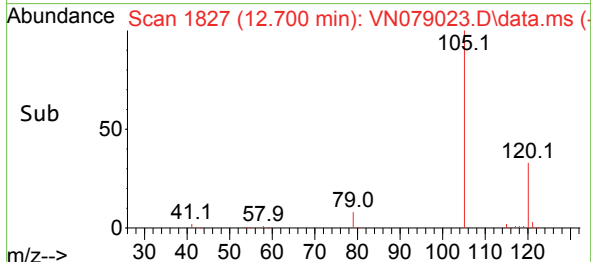
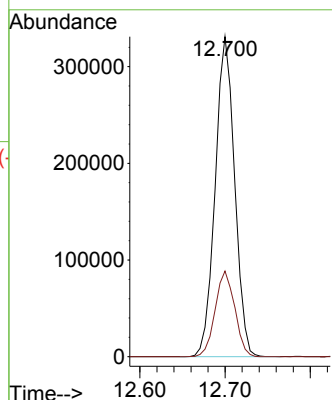
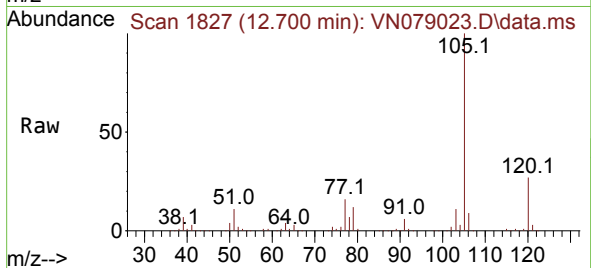
ClientSampleId :

Tgt Ion:105 Resp: 524394

Ion Ratio Lower Upper

105 100

120 26.9 13.1 39.1



#74

N-ethyl acetate

Concen: 46.345 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

Tgt Ion: 43 Resp: 249782

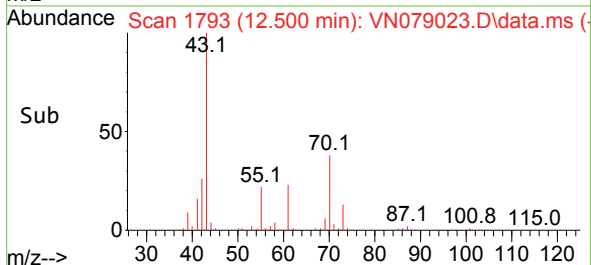
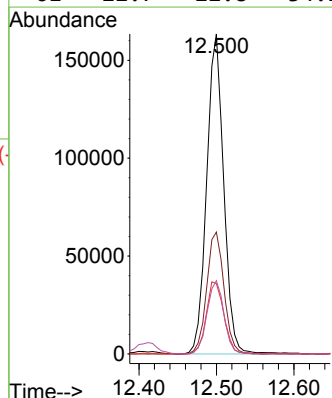
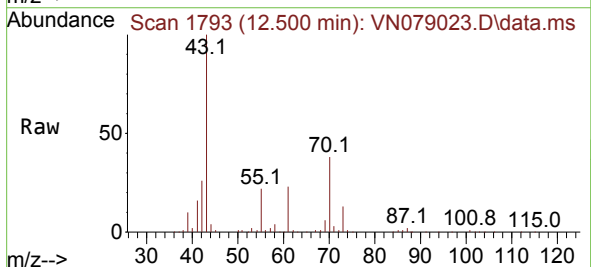
Ion Ratio Lower Upper

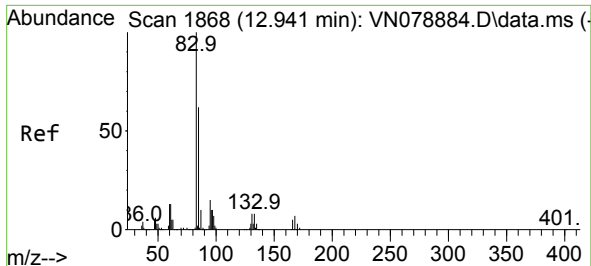
43 100

70 38.8 43.4 65.2#

55 23.5 21.4 32.0

61 22.7 22.8 34.2#

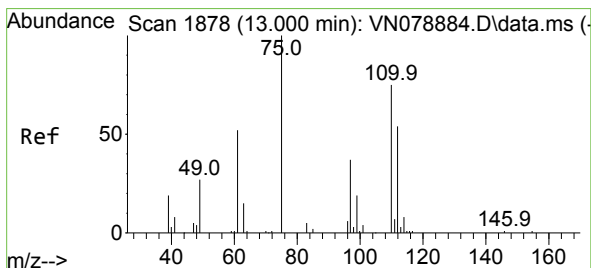
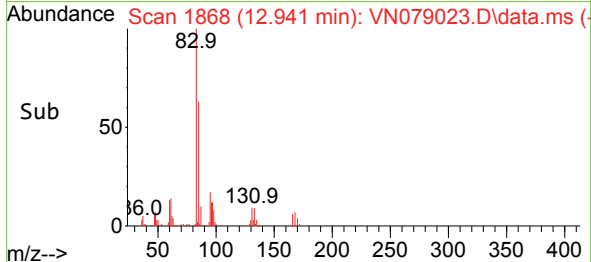
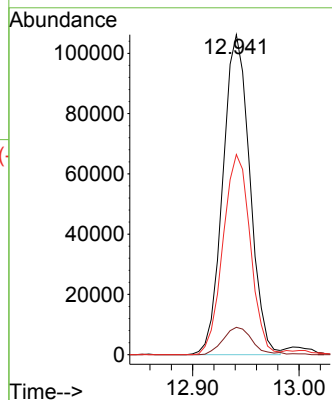
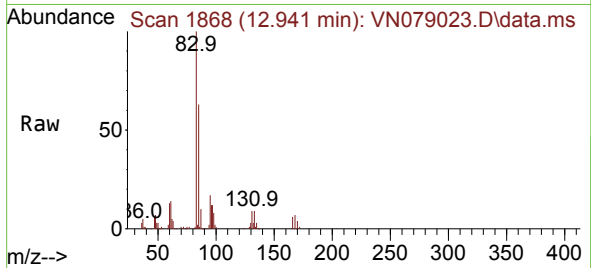




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.422 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079023.D
 Acq: 24 Aug 2023 11:03

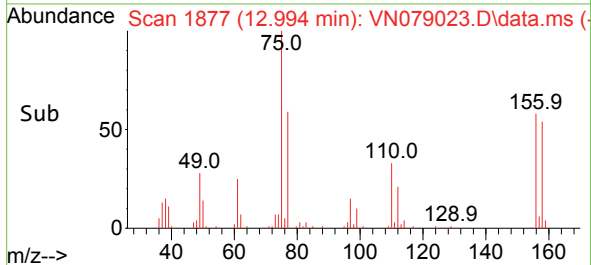
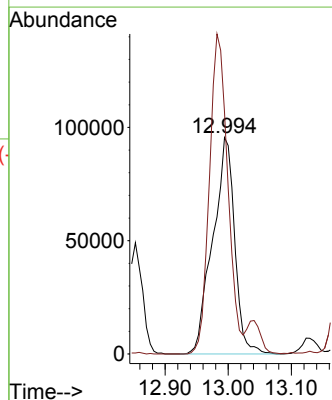
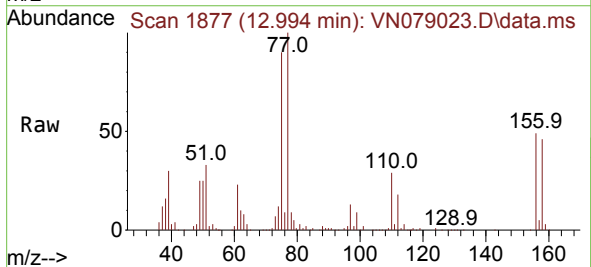
Instrument :
 MSVOA_N
 ClientSampleId :

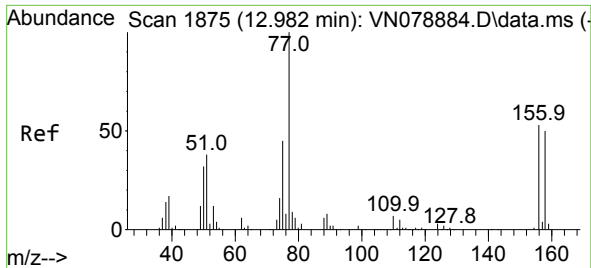
Tgt Ion: 83 Resp: 186682
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.0 15.0
 85 63.5 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 74.595 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.006 min
 Lab File: VN079023.D
 Acq: 24 Aug 2023 11:03

Tgt Ion: 75 Resp: 230164
 Ion Ratio Lower Upper
 75 100
 77 124.0 84.5 253.5

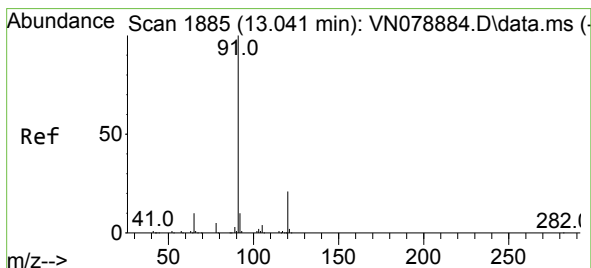
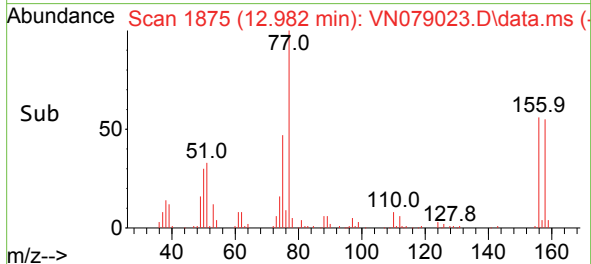
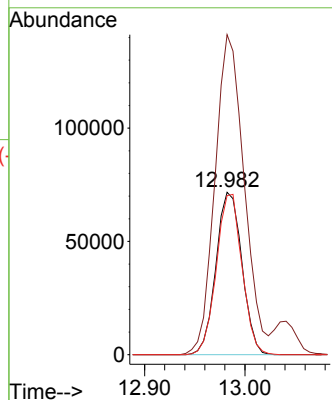
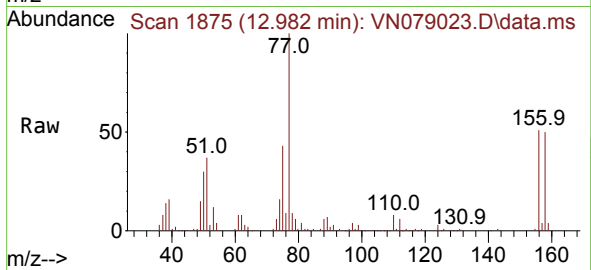




#77
Bromobenzene
Concen: 50.200 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

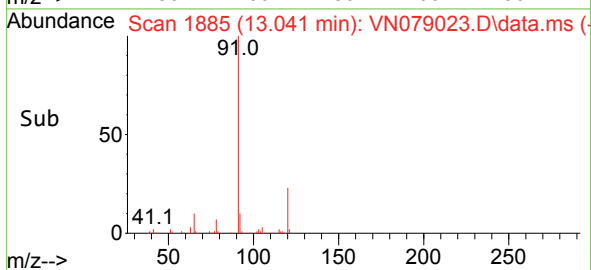
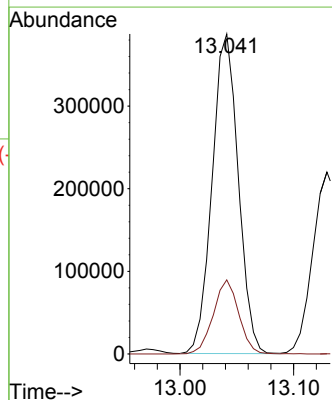
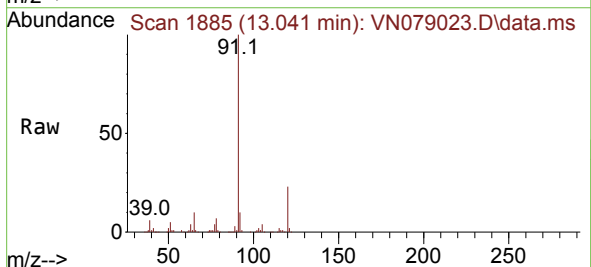
Instrument :
MSVOA_N
ClientSampleId :

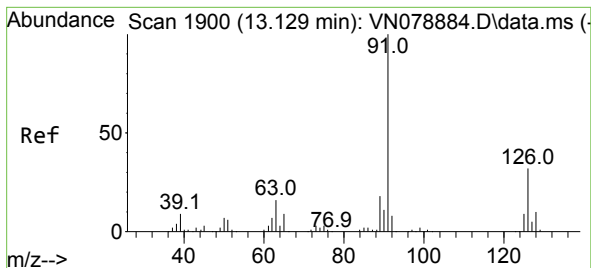
Tgt Ion:156 Resp: 128840
Ion Ratio Lower Upper
156 100
77 221.5 107.7 323.3
158 97.5 48.4 145.3



#78
n-propylbenzene
Concen: 49.921 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion: 91 Resp: 618101
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4

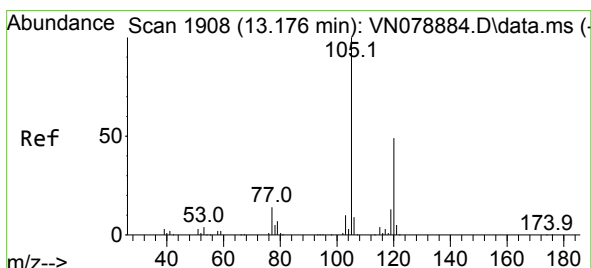
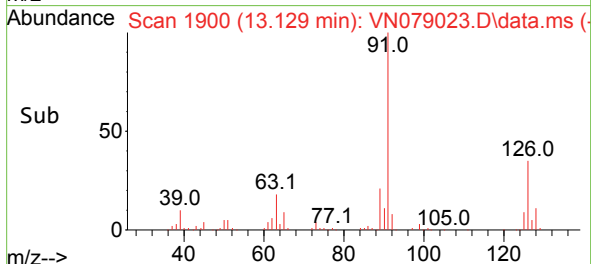
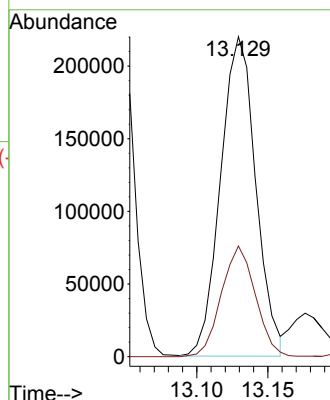
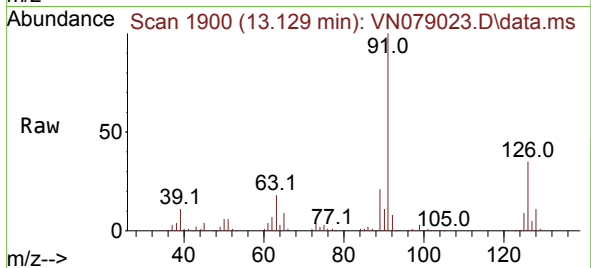




#79
2-Chlorotoluene
Concen: 49.364 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

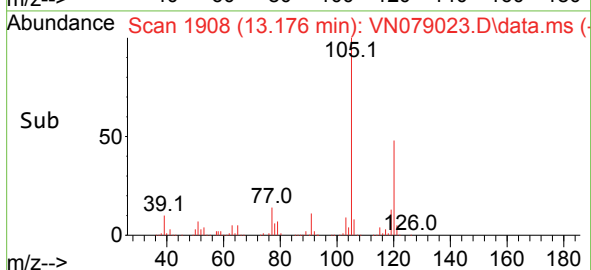
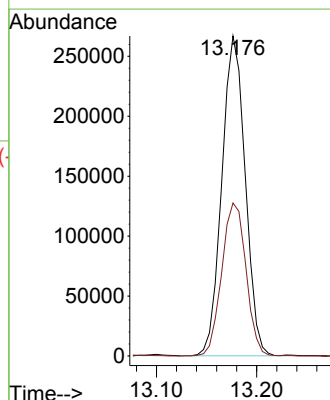
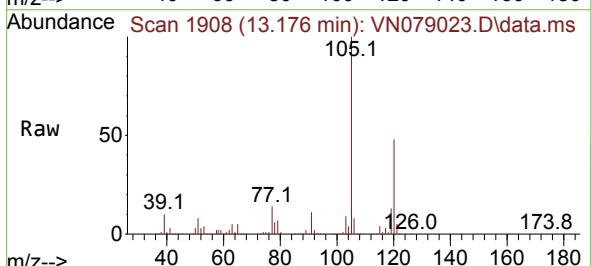
Instrument :
MSVOA_N
ClientSampleId :

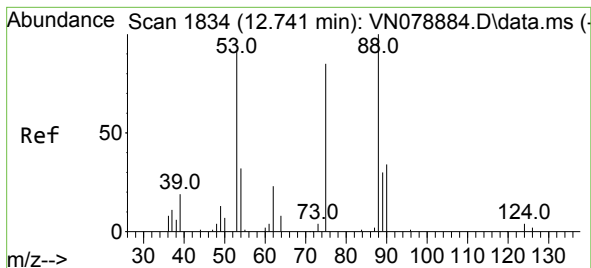
Tgt Ion: 91 Resp: 379136
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 51.005 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion: 105 Resp: 431577
Ion Ratio Lower Upper
105 100
120 49.7 24.1 72.3

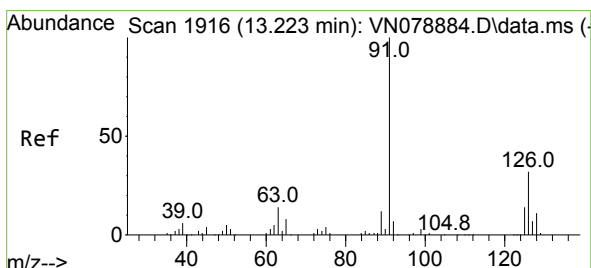
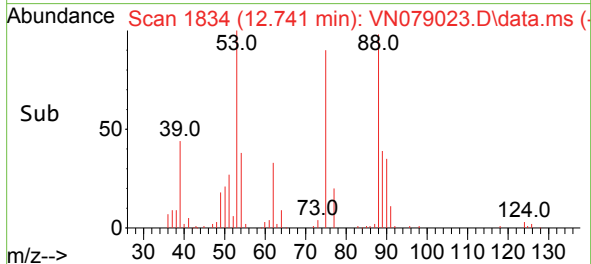
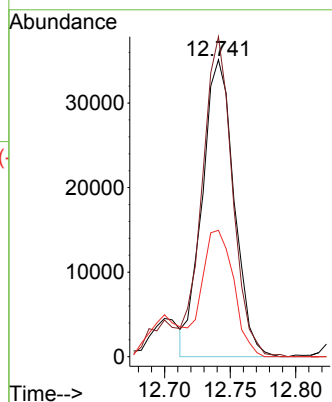
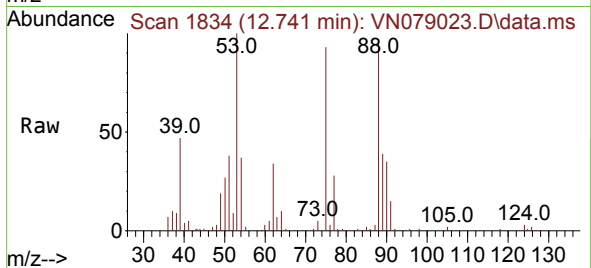




#81
trans-1,4-Dichloro-2-butene
Concen: 49.204 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

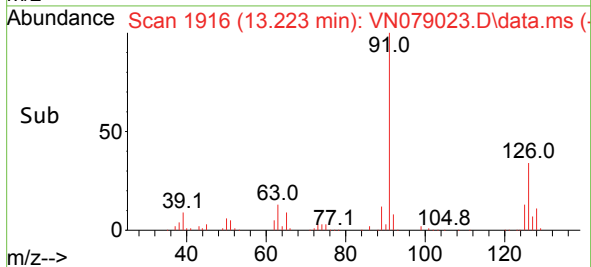
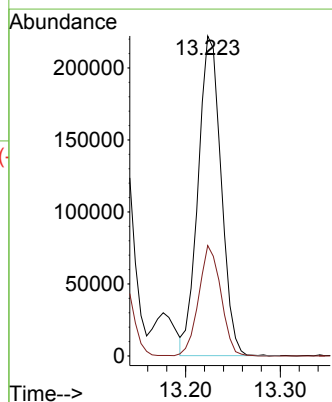
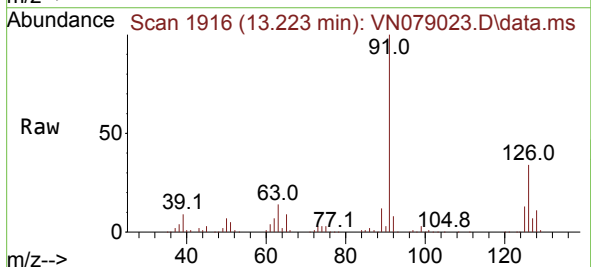
Instrument :
MSVOA_N
ClientSampleId :

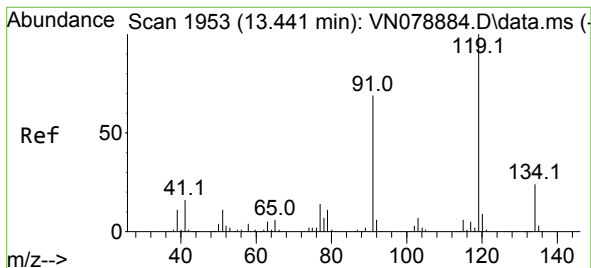
Tgt Ion: 75 Resp: 59430
Ion Ratio Lower Upper
75 100
53 113.7 67.4 101.2#
89 42.1 38.8 58.2



#82
4-Chlorotoluene
Concen: 49.864 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion: 91 Resp: 374735
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0

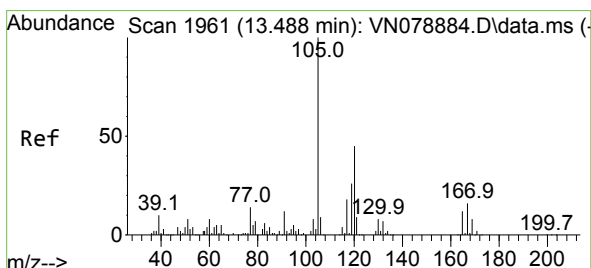
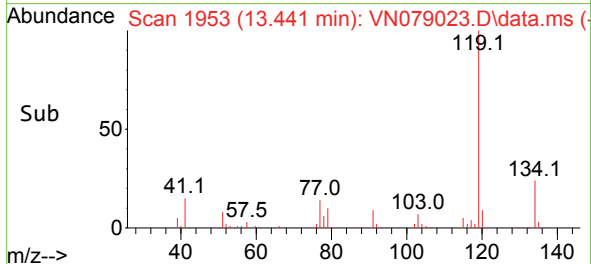
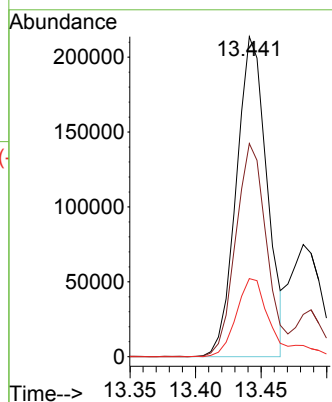
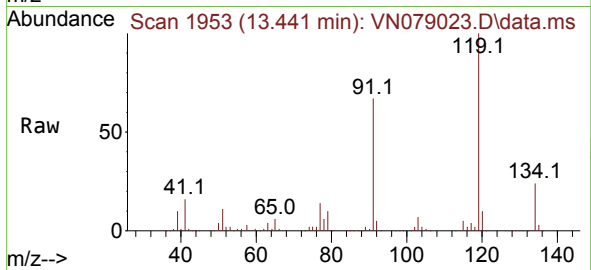




#83
 tert-Butylbenzene
 Concen: 48.774 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079023.D
 Acq: 24 Aug 2023 11:03

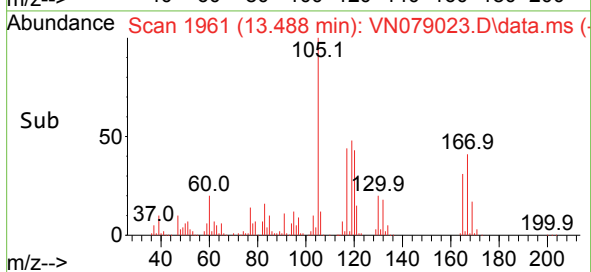
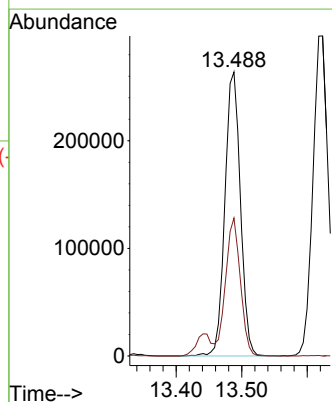
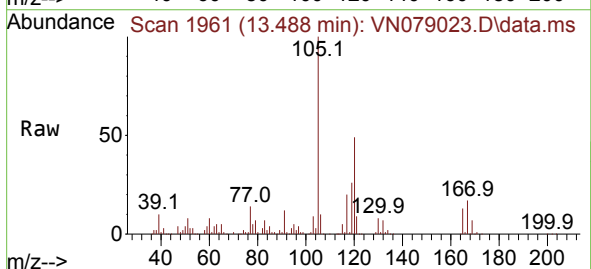
Instrument :
 MSVOA_N
 ClientSampleId :

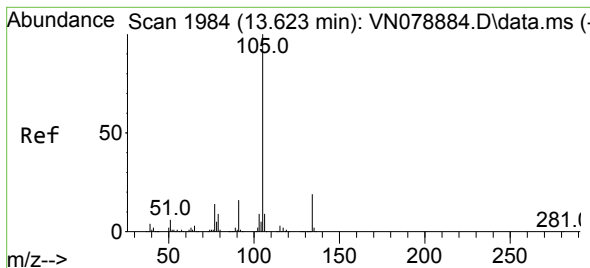
Tgt Ion:119 Resp: 346751
 Ion Ratio Lower Upper
 119 100
 91 67.5 33.9 101.7
 134 28.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 51.575 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079023.D
 Acq: 24 Aug 2023 11:03

Tgt Ion:105 Resp: 432114
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 49.724 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

Instrument :

MSVOA_N

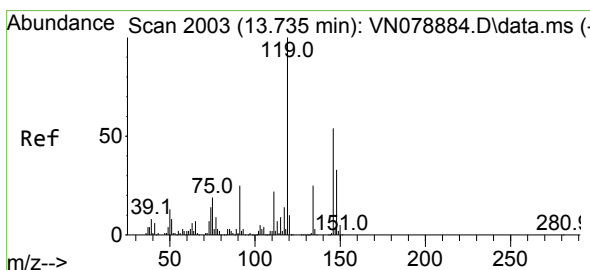
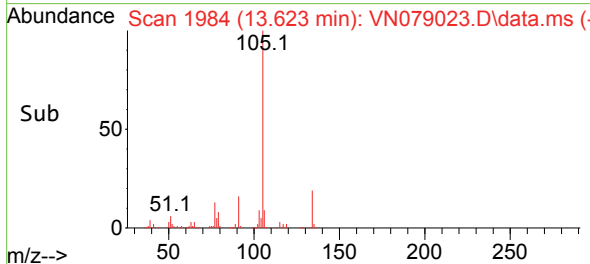
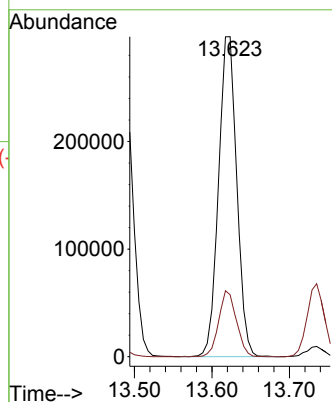
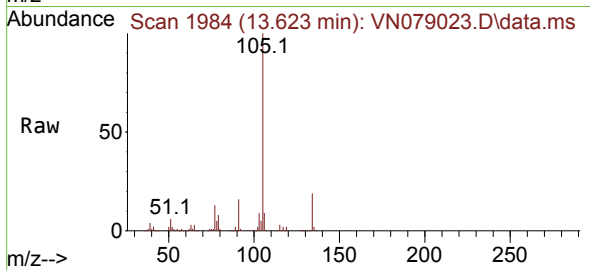
ClientSampleId :

Tgt Ion:105 Resp: 486494

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 50.988 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

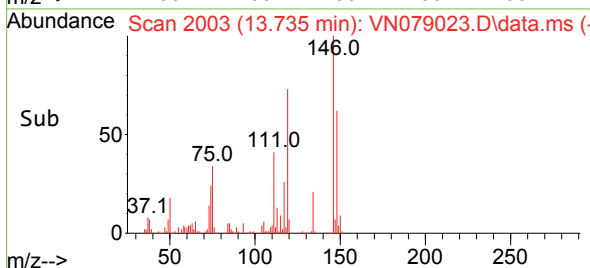
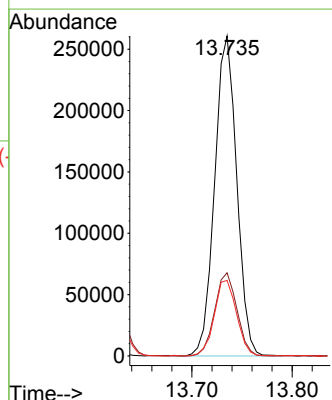
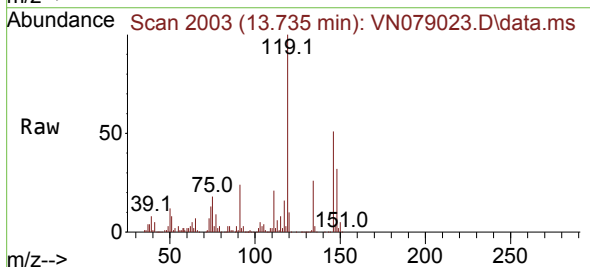
Tgt Ion:119 Resp: 398573

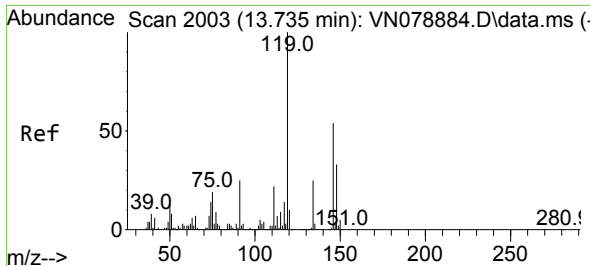
Ion Ratio Lower Upper

119 100

134 26.2 12.6 37.8

91 24.0 12.4 37.2

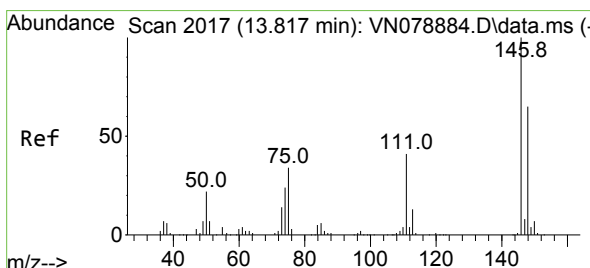
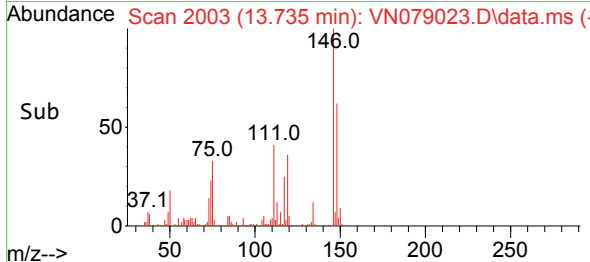
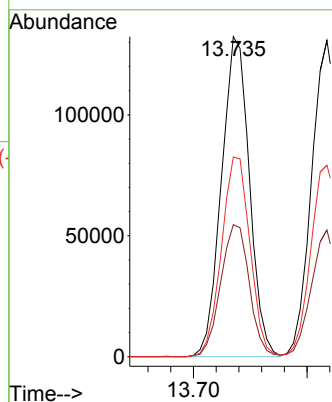
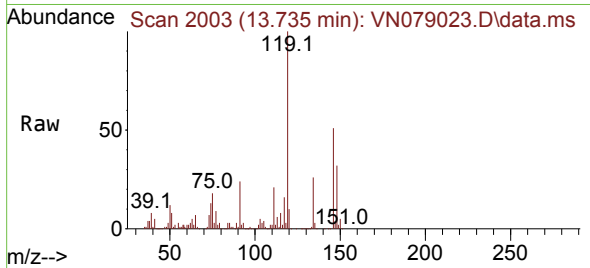




#87
 1,3-Dichlorobenzene
 Concen: 51.159 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN079023.D
 Acq: 24 Aug 2023 11:03

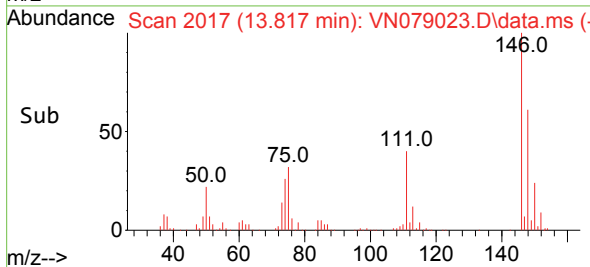
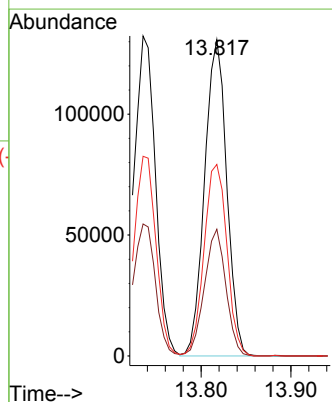
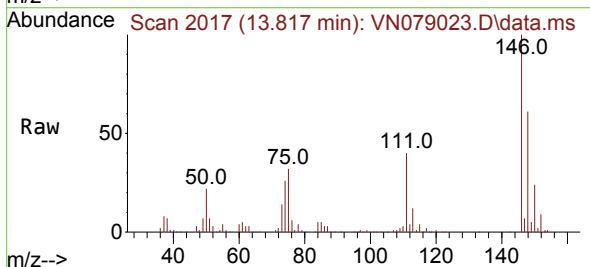
Instrument :
 MSVOA_N
 ClientSampleId :

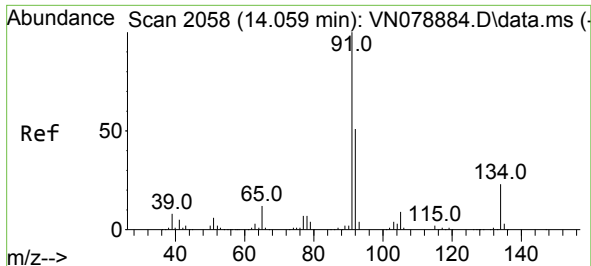
Tgt Ion:146 Resp: 225937
 Ion Ratio Lower Upper
 146 100
 111 42.3 22.1 66.3
 148 63.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.764 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN079023.D
 Acq: 24 Aug 2023 11:03

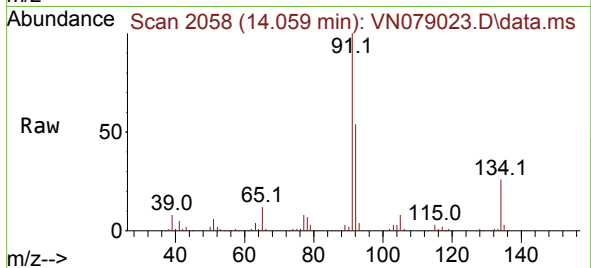
Tgt Ion:146 Resp: 224396
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.6 61.8
 148 62.6 31.6 94.8



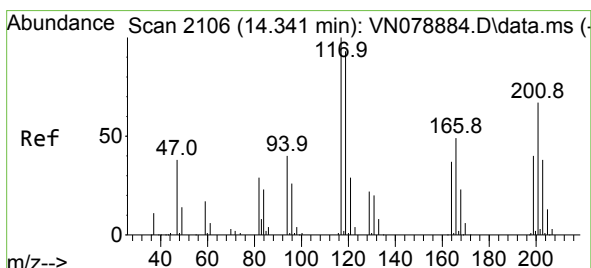
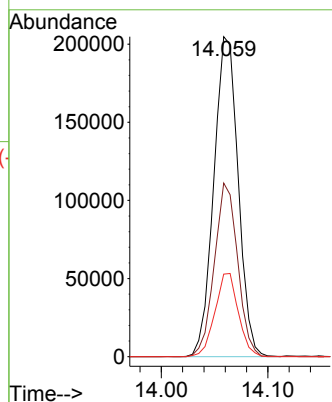
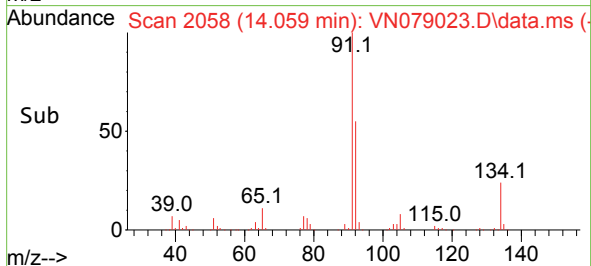


#89
n-Butylbenzene
Concen: 50.552 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :

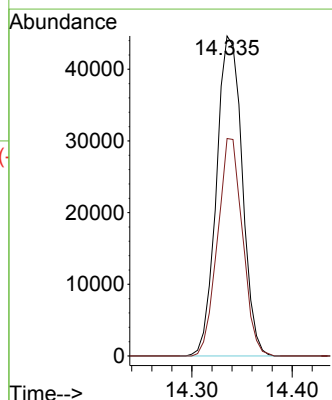
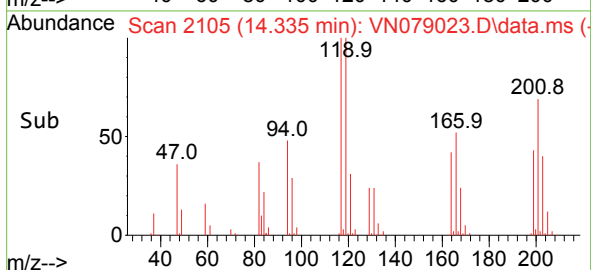
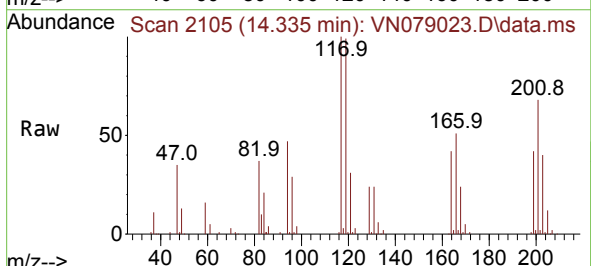


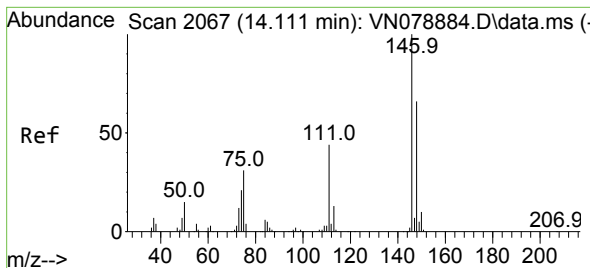
Tgt Ion: 91 Resp: 325197
Ion Ratio Lower Upper
91 100
92 51.8 26.4 79.0
134 25.0 12.6 37.6



#90
Hexachloroethane
Concen: 50.716 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion: 117 Resp: 79470
Ion Ratio Lower Upper
117 100
201 65.9 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 51.563 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

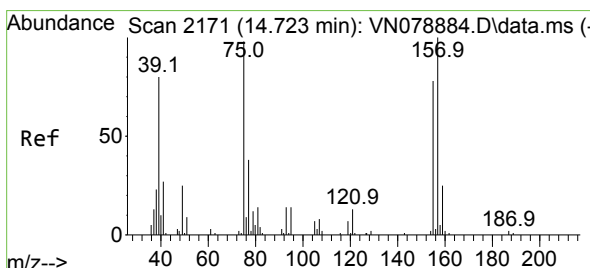
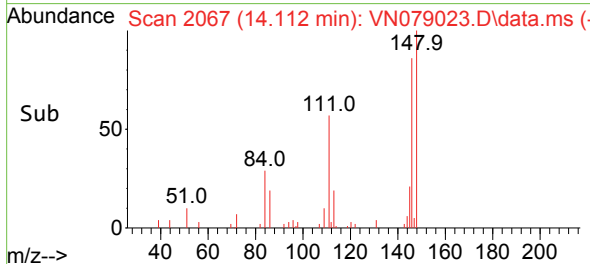
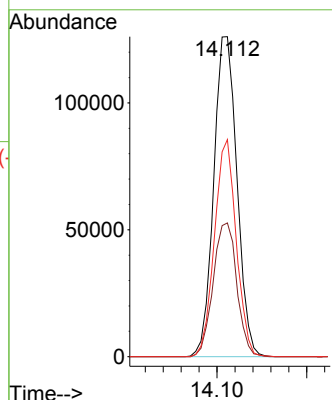
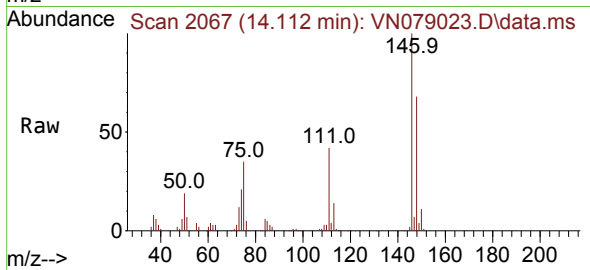
Tgt Ion:146 Resp: 226460

Ion Ratio Lower Upper

146 100

111 42.6 22.0 66.0

148 63.6 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.890 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079023.D

Acq: 24 Aug 2023 11:03

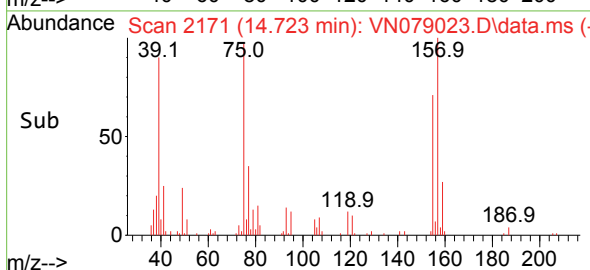
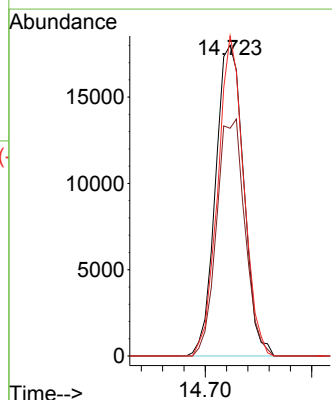
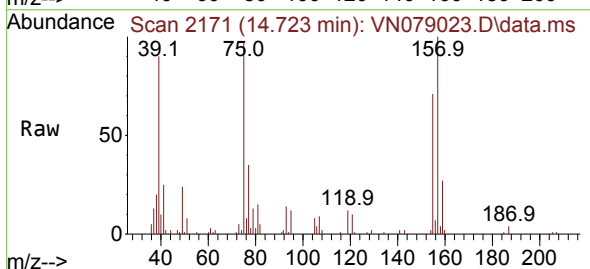
Tgt Ion: 75 Resp: 32978

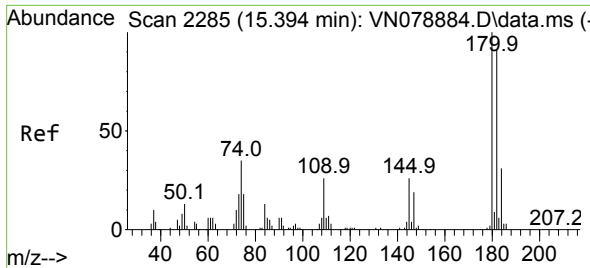
Ion Ratio Lower Upper

75 100

155 76.8 39.1 117.2

157 94.6 50.3 150.9

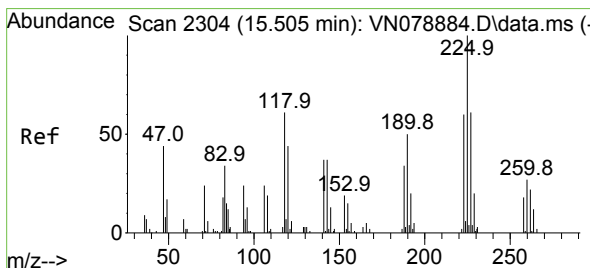
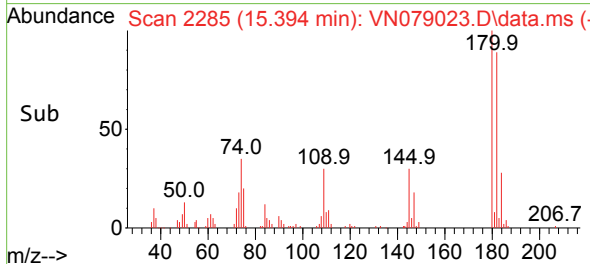
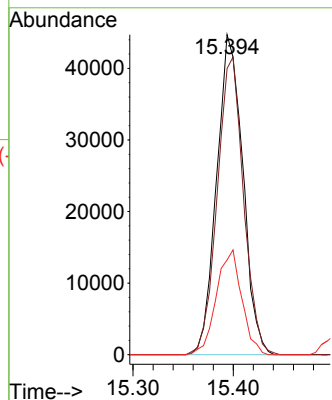
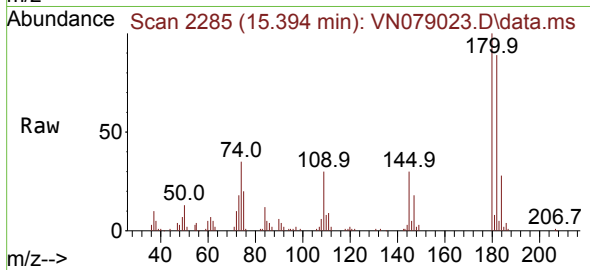




#93
 1,2,4-Trichlorobenzene
 Concen: 52.050 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN079023.D
 Acq: 24 Aug 2023 11:03

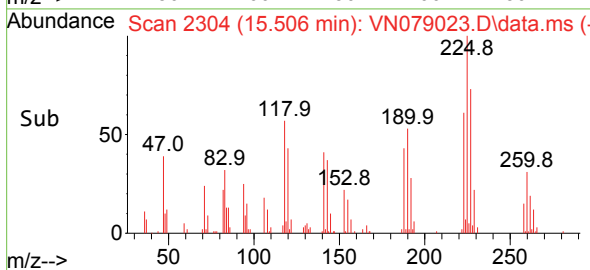
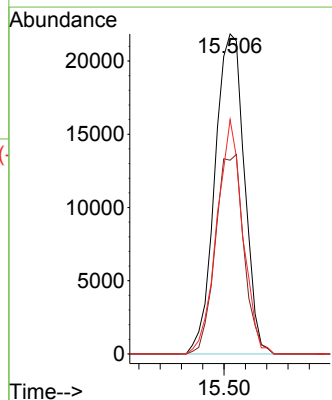
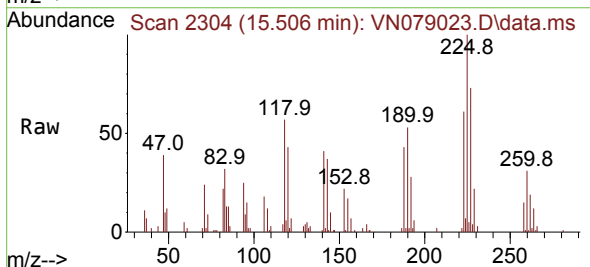
Instrument :
 MSVOA_N
 ClientSampleId :

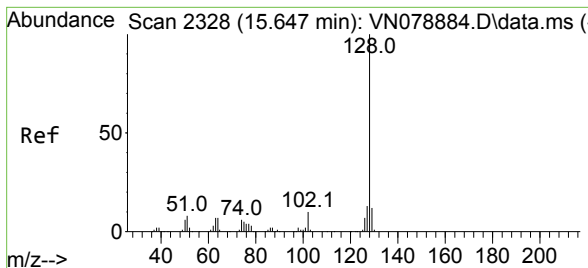
Tgt Ion:180 Resp: 81040
 Ion Ratio Lower Upper
 180 100
 182 93.2 46.1 138.2
 145 31.8 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 52.144 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN079023.D
 Acq: 24 Aug 2023 11:03

Tgt Ion:225 Resp: 41920
 Ion Ratio Lower Upper
 225 100
 223 60.4 31.3 93.8
 227 64.3 31.9 95.9

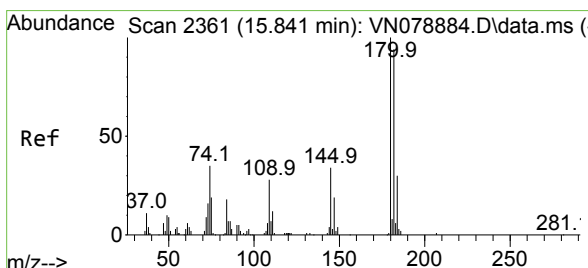
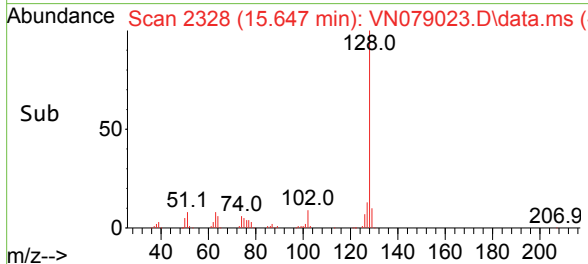
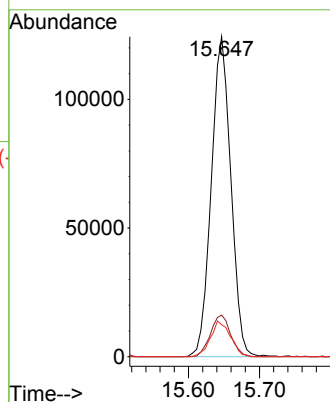
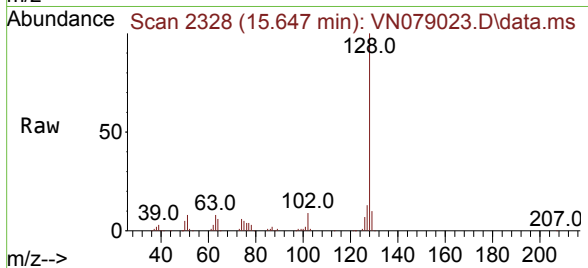




#95
Naphthalene
Concen: 40.796 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 237792
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.063 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079023.D
Acq: 24 Aug 2023 11:03

Tgt Ion:180 Resp: 85371
Ion Ratio Lower Upper
180 100
182 92.3 46.2 138.6
145 32.4 17.5 52.6

