

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060223\
 Data File : VN078022.D
 Acq On : 02 Jun 2023 11:21
 Operator : JC\MD
 Sample : VN0602WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602WBSD01

Quant Time: Jun 05 01:09:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	332869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	590396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	514214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	203020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	256237	51.447	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.900%	
35) Dibromofluoromethane	8.177	113	214403	55.690	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.380%	
50) Toluene-d8	10.577	98	762624	51.464	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.920%	
62) 4-Bromofluorobenzene	12.853	95	252870	48.316	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.640%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	57120	15.078	ug/l	96
3) Chloromethane	2.371	50	66367	15.280	ug/l	98
4) Vinyl Chloride	2.524	62	85964	17.998	ug/l	95
5) Bromomethane	2.965	94	68293	19.333	ug/l	99
6) Chloroethane	3.124	64	63437	18.430	ug/l	99
7) Trichlorofluoromethane	3.506	101	121860	18.308	ug/l	95
8) Diethyl Ether	3.965	74	47097	19.382	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.389	101	70899	19.247	ug/l	97
10) Methyl Iodide	4.601	142	90597	20.623	ug/l	95
11) Tert butyl alcohol	5.536	59	68572	99.760	ug/l	98
12) 1,1-Dichloroethene	4.348	96	66378	18.959	ug/l	92
13) Acrolein	4.195	56	32265	52.787	ug/l	92
14) Allyl chloride	5.036	41	94299	18.335	ug/l	93
15) Acrylonitrile	5.736	53	177028	96.400	ug/l	95
16) Acetone	4.442	43	158421	101.101	ug/l	98
17) Carbon Disulfide	4.724	76	147466	15.632	ug/l	96
18) Methyl Acetate	5.042	43	131969	20.076	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	249228	19.667	ug/l	93
20) Methylene Chloride	5.289	84	81693	18.797	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	71724	18.238	ug/l #	84
22) Diisopropyl ether	6.683	45	229129	19.007	ug/l #	90
23) Vinyl Acetate	6.612	43	687324	92.021	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	141705	19.187	ug/l	96
25) 2-Butanone	7.494	43	238501	97.300	ug/l	89
26) 2,2-Dichloropropane	7.500	77	120636	19.226	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	92985	19.719	ug/l	94
28) Bromochloromethane	7.818	49	65482	20.501	ug/l	87
29) Tetrahydrofuran	7.847	42	153066	95.367	ug/l #	84
30) Chloroform	7.977	83	157499	19.386	ug/l	94
31) Cyclohexane	8.259	56	112216	16.577	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	134269	19.439	ug/l	99
36) 1,1-Dichloropropene	8.377	75	111843	19.862	ug/l	94
37) Ethyl Acetate	7.571	43	95347	18.997	ug/l	94
38) Carbon Tetrachloride	8.377	117	115150	20.251	ug/l	92
39) Methylcyclohexane	9.606	83	104116	15.103	ug/l	96
40) Benzene	8.612	78	335788	20.207	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	52612	19.683	ug/l	92
42) 1,2-Dichloroethane	8.677	62	119092	19.729	ug/l	98
43) Isopropyl Acetate	8.694	43	160548	19.584	ug/l	94
44) Trichloroethene	9.359	130	85264	20.264	ug/l	93
45) 1,2-Dichloropropane	9.630	63	88420	20.861	ug/l	91
46) Dibromomethane	9.718	93	62380	20.567	ug/l	96
47) Bromodichloromethane	9.894	83	123768	21.315	ug/l	95
48) Methyl methacrylate	9.688	41	76219	19.609	ug/l	88
49) 1,4-Dioxane	9.700	88	30532	415.897	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	503932	103.412	ug/l	93
52) Toluene	10.635	92	210779	20.375	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	124887	20.310	ug/l	99
54) cis-1,3-Dichloropropene	10.324	75	137035	20.223	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	90754	22.094	ug/l	95
56) Ethyl methacrylate	10.882	69	122109	19.661	ug/l	90
57) 1,3-Dichloropropane	11.171	76	146661	20.827	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	256490	83.946	ug/l	89
59) 2-Hexanone	11.200	43	347260	96.344	ug/l	92
60) Dibromochloromethane	11.365	129	90727	21.396	ug/l	100
61) 1,2-Dibromoethane	11.477	107	88354	21.561	ug/l	96
64) Tetrachloroethene	11.106	164	78873	21.933	ug/l	93
65) Chlorobenzene	11.894	112	226840	20.349	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	87866	22.780	ug/l	96
67) Ethyl Benzene	11.971	91	397999	19.923	ug/l	97
68) m/p-Xylenes	12.077	106	299341	39.546	ug/l	98
69) o-Xylene	12.406	106	152219	20.448	ug/l	99
70) Styrene	12.418	104	231423	19.570	ug/l	97
71) Bromoform	12.582	173	55804	21.748	ug/l #	100
73) Isopropylbenzene	12.700	105	372620	21.292	ug/l	99
74) N-amyl acetate	12.500	43	125846	19.455	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	121687	22.603	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	145257	28.569	ug/l	68
77) Bromobenzene	12.988	156	85923	21.515	ug/l	98
78) n-propylbenzene	13.041	91	409885	19.867	ug/l	99
79) 2-Chlorotoluene	13.129	91	262691	21.337	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	302058	20.536	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.747	75	31452	19.774	ug/l	88
82) 4-Chlorotoluene	13.229	91	243070	19.843	ug/l	97
83) tert-Butylbenzene	13.447	119	252686	19.679	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	294082	20.330	ug/l	98
85) sec-Butylbenzene	13.623	105	330771	18.126	ug/l	100
86) p-Isopropyltoluene	13.735	119	270637	18.603	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	142914	19.350	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	140431	19.161	ug/l	99
89) n-Butylbenzene	14.065	91	201686	15.072	ug/l	97
90) Hexachloroethane	14.341	117	47159	19.732	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	142953	20.718	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	19375	18.588	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	46487	11.529	ug/l	99
94) Hexachlorobutadiene	15.506	225	24904	14.876	ug/l	96
95) Naphthalene	15.647	128	148046	10.667	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	53819	13.633	ug/l	98

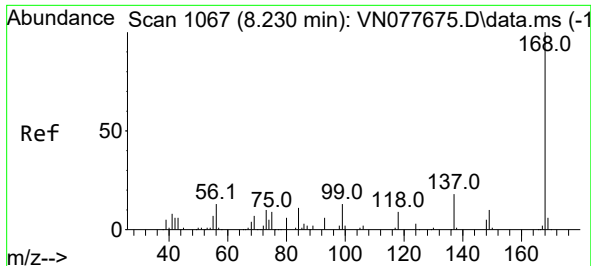
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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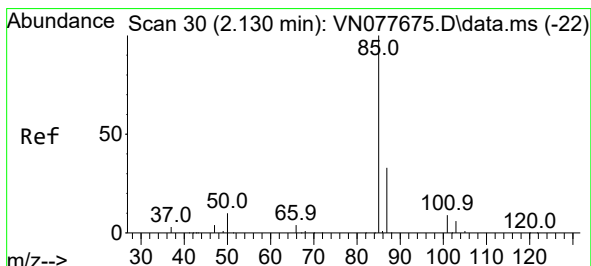
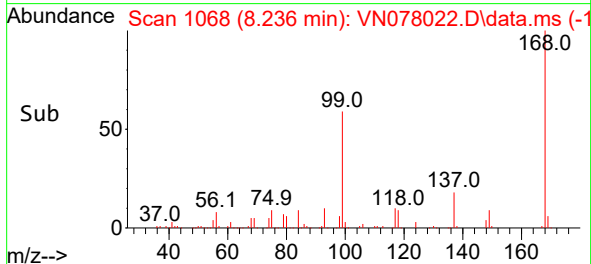
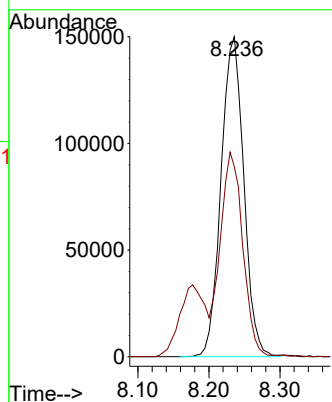
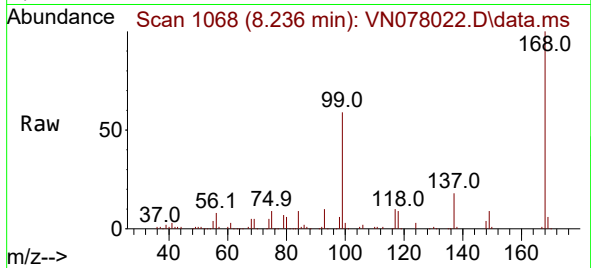
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
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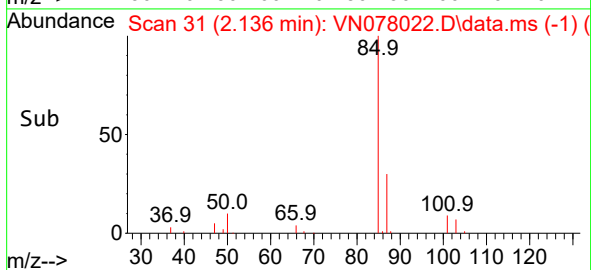
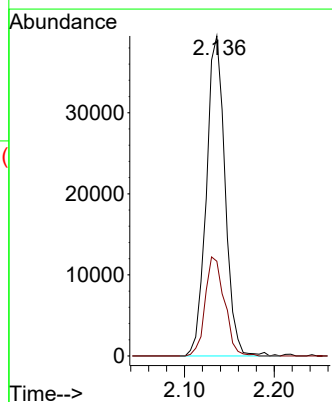
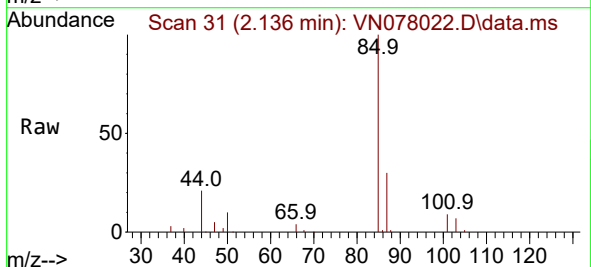
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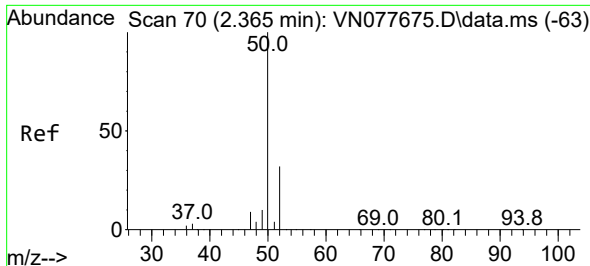
Tgt Ion:168 Resp: 332869
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 15.078 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 85 Resp: 57120
Ion Ratio Lower Upper
85 100
87 29.6 15.8 47.4

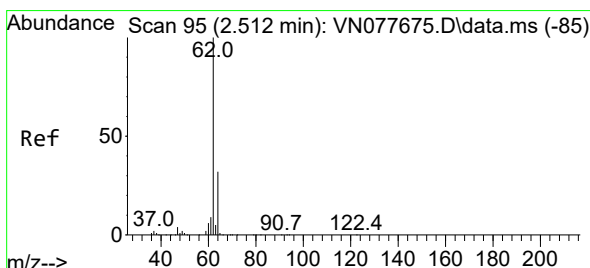
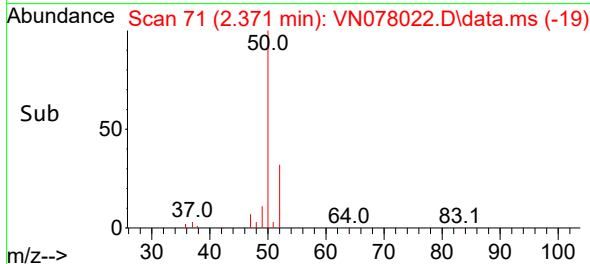
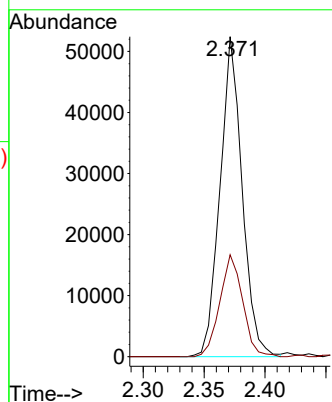
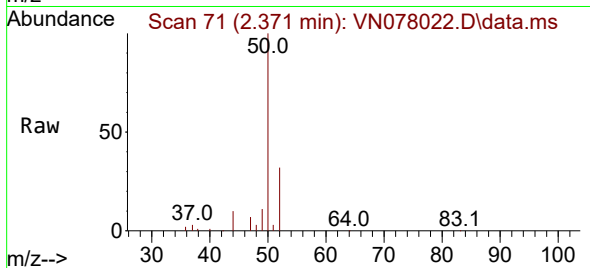




#3
Chloromethane
Concen: 15.280 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

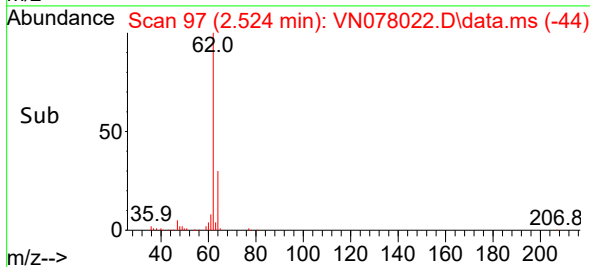
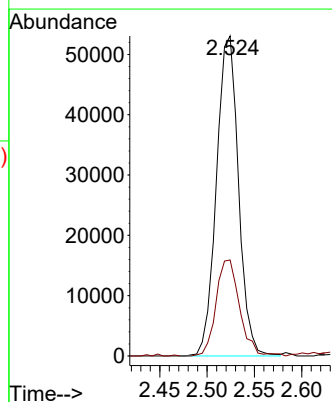
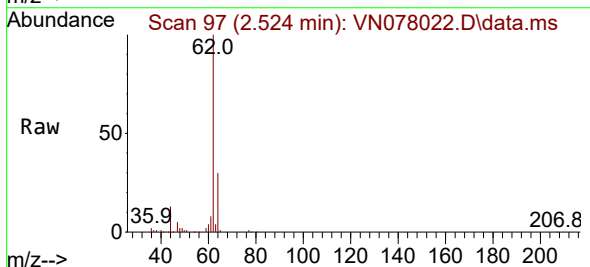
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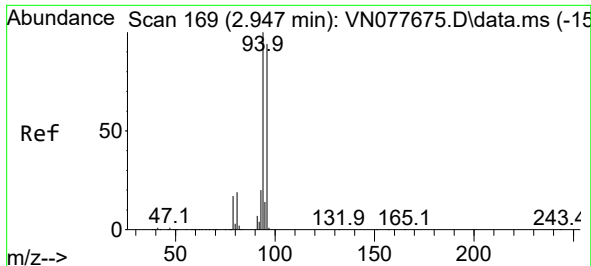
Tgt Ion: 50 Resp: 66367
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7



#4
Vinyl Chloride
Concen: 17.998 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 62 Resp: 85964
Ion Ratio Lower Upper
62 100
64 30.0 26.2 39.2

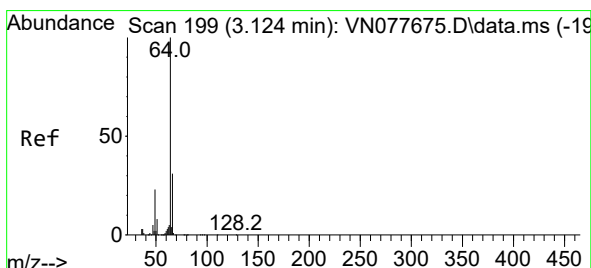
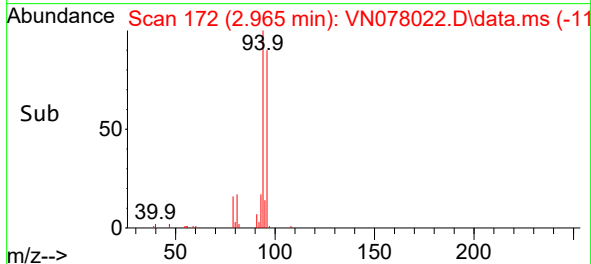
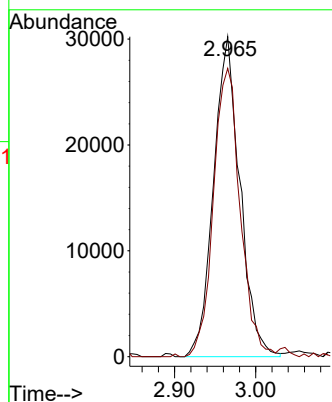
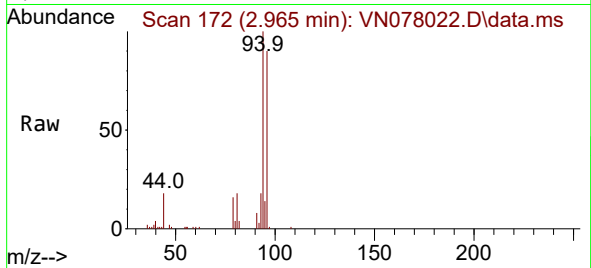




#5
Bromomethane
Concen: 19.333 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

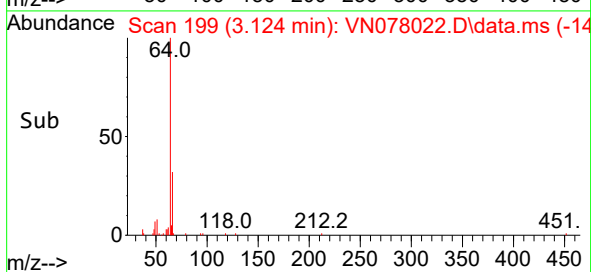
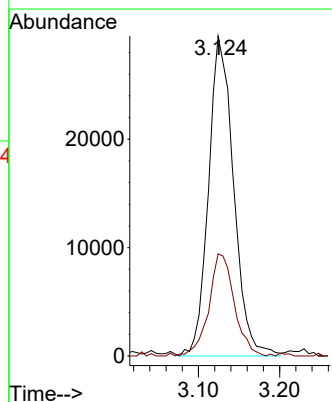
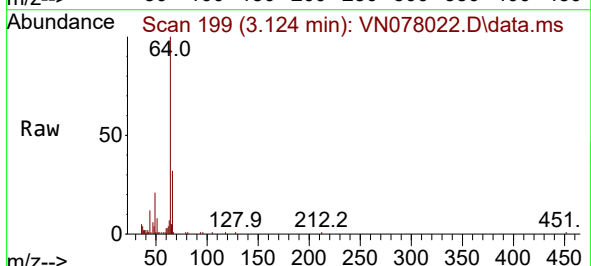
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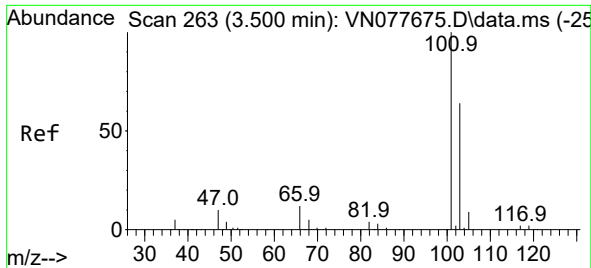
Tgt Ion: 94 Resp: 68293
Ion Ratio Lower Upper
94 100
96 90.1 73.1 109.7



#6
Chloroethane
Concen: 18.430 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 64 Resp: 63437
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.2

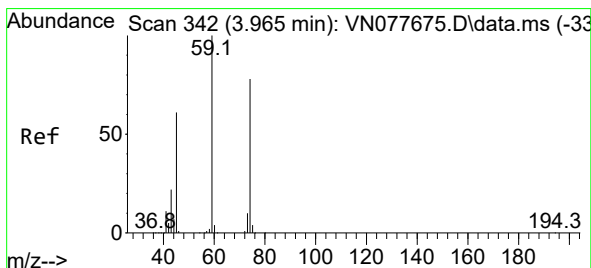
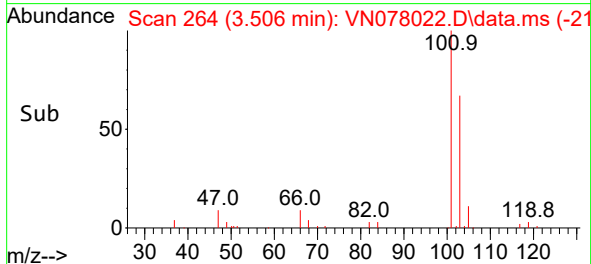
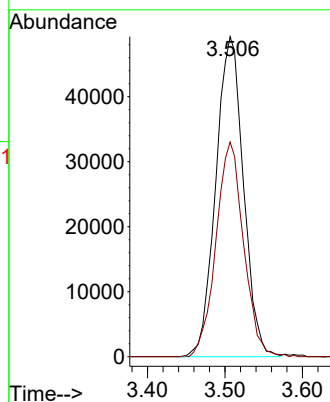
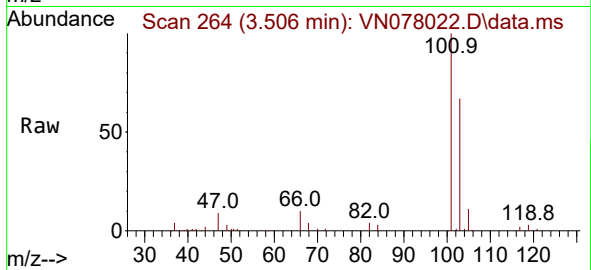




#7
Trichlorofluoromethane
Concen: 18.308 ug/l
RT: 3.506 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN078022.D
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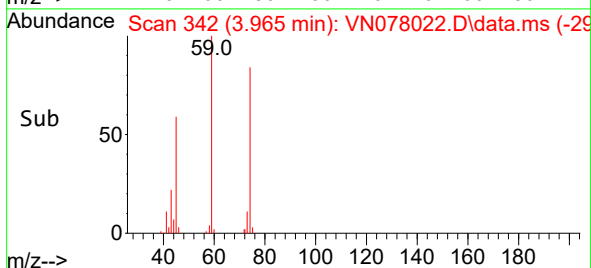
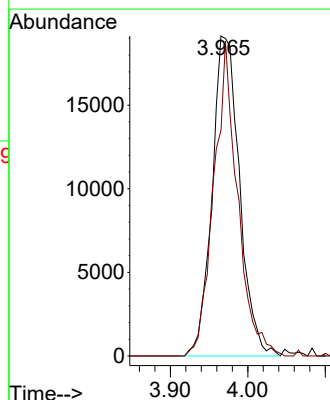
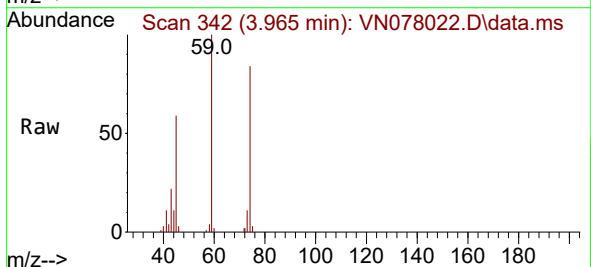
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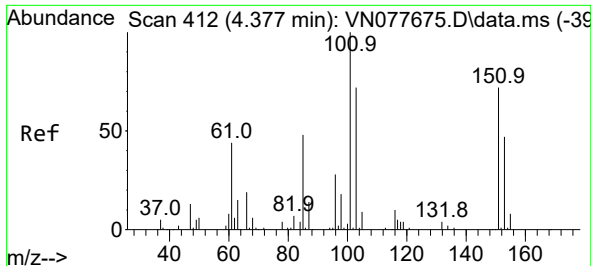
Tgt Ion:101 Resp: 121860
Ion Ratio Lower Upper
101 100
103 67.1 50.7 76.1



#8
Diethyl Ether
Concen: 19.382 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 74 Resp: 47097
Ion Ratio Lower Upper
74 100
45 85.7 34.4 103.3

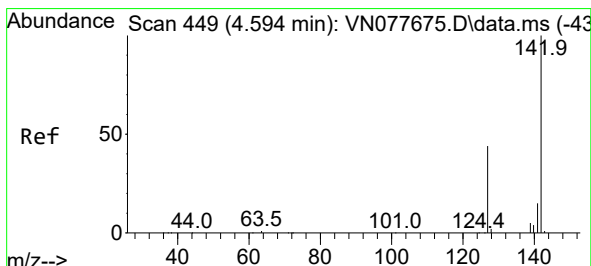
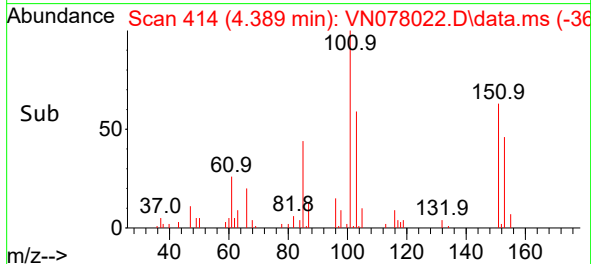
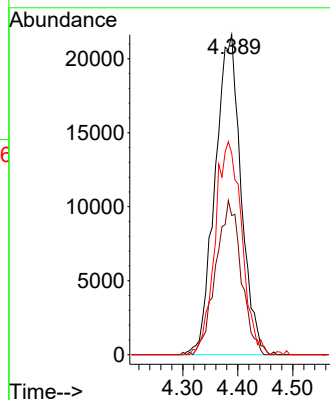
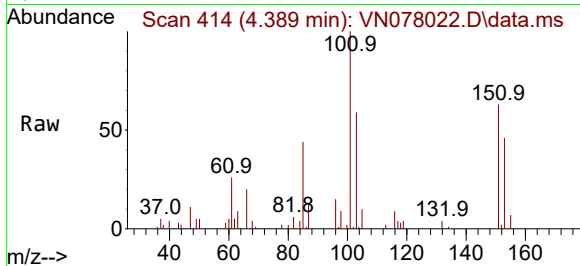




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.247 ug/l
RT: 4.389 min Scan# 412
Delta R.T. 0.012 min
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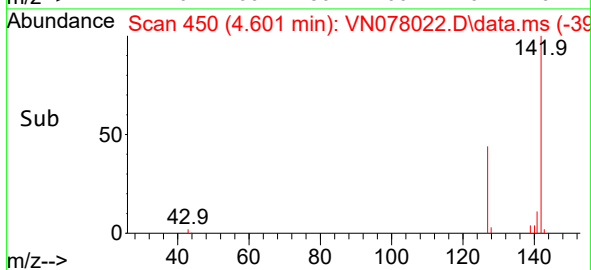
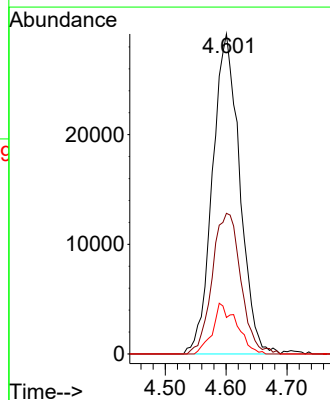
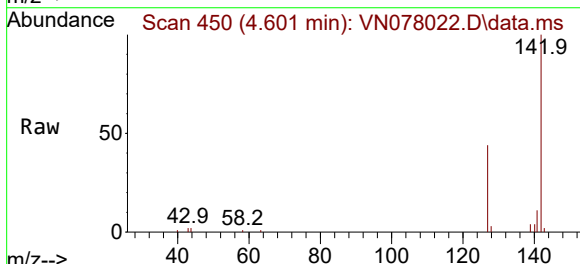
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ClientSampleId :
VN0602WBSD01

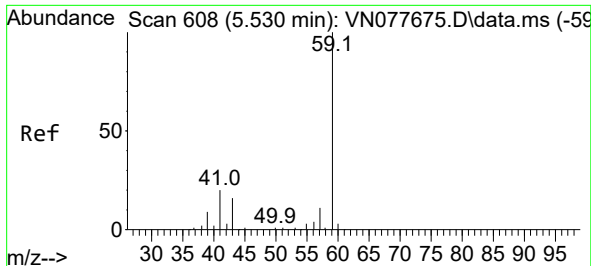
Tgt Ion:101 Resp: 70899
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 68.5 57.6 86.4



#10
Methyl Iodide
Concen: 20.623 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.007 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion:142 Resp: 90597
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 11.4 11.4 17.0

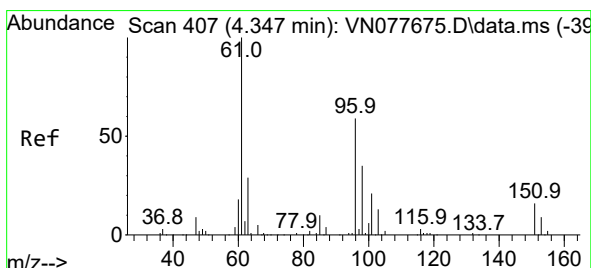
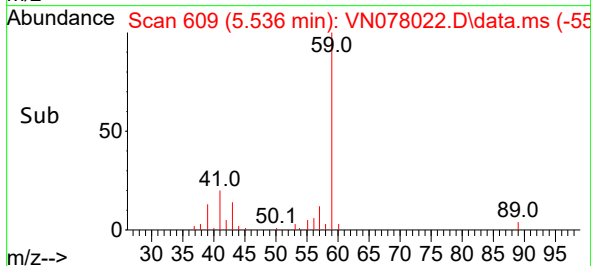
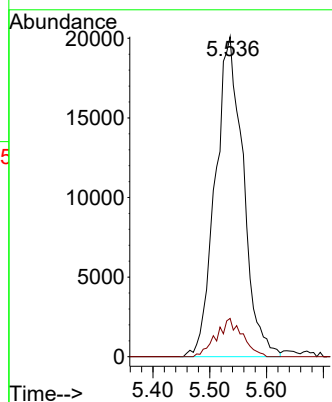
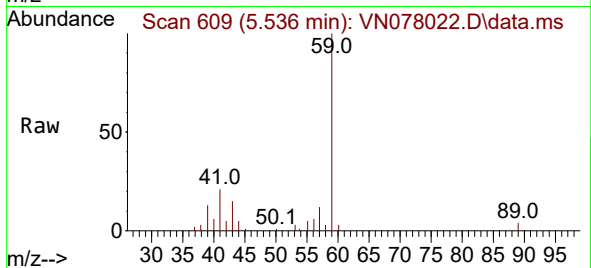




#11
Tert butyl alcohol
Concen: 99.760 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

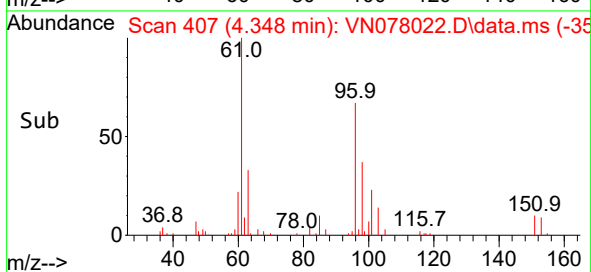
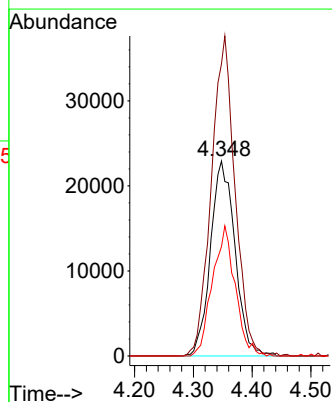
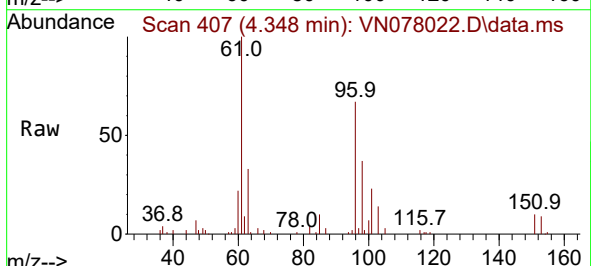
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

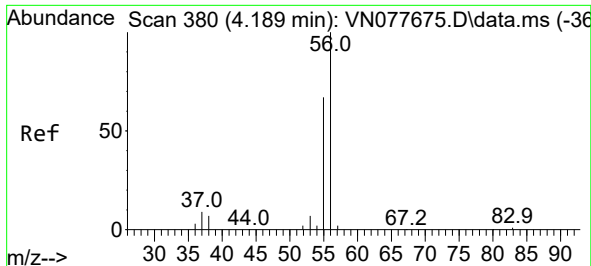
Tgt Ion: 59 Resp: 68572
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.959 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 96 Resp: 66378
Ion Ratio Lower Upper
96 100
61 149.9 112.7 169.1
98 56.1 51.2 76.8

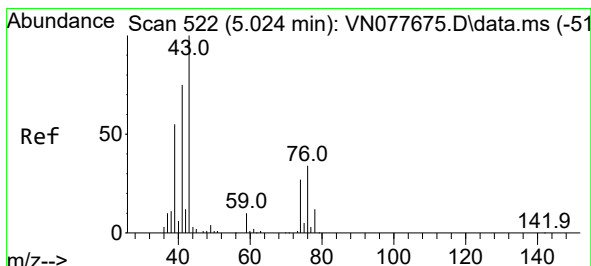
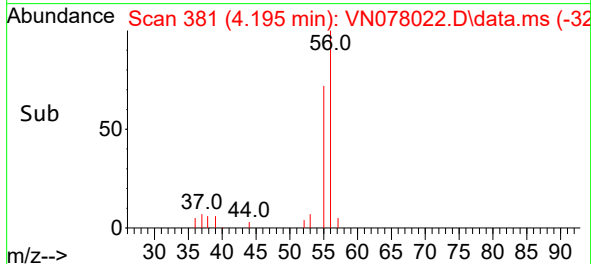
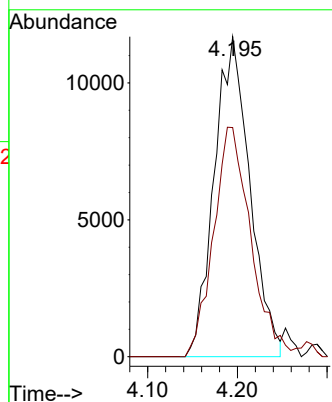
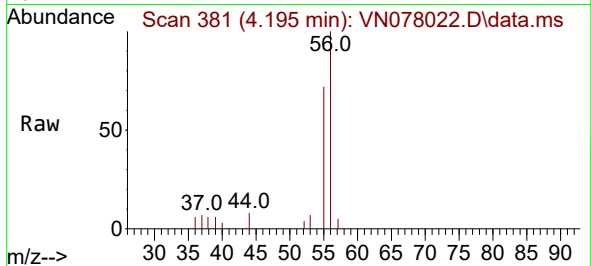




#13
Acrolein
Concen: 52.787 ug/l
RT: 4.195 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

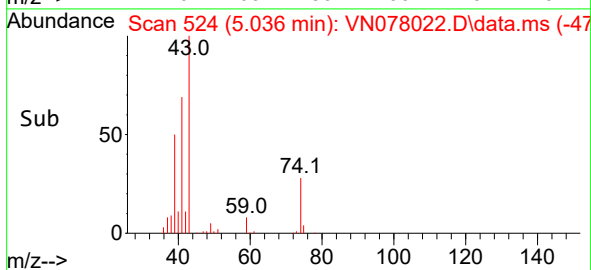
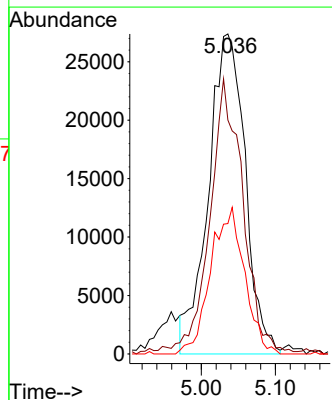
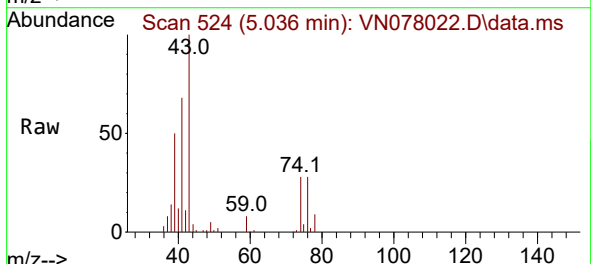
Instrument :
MSVOA_N
ClientSampleId :
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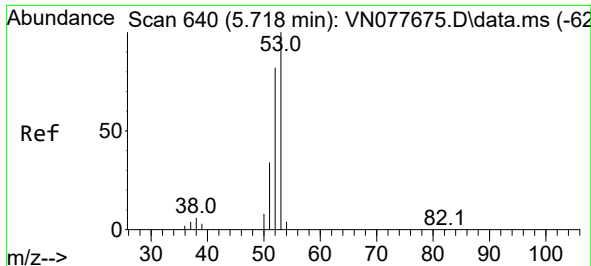
Tgt Ion: 56 Resp: 32265
Ion Ratio Lower Upper
56 100
55 74.5 54.5 81.7



#14
Allyl chloride
Concen: 18.335 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 41 Resp: 94299
Ion Ratio Lower Upper
41 100
39 78.1 58.8 88.2
76 42.2 39.1 58.7

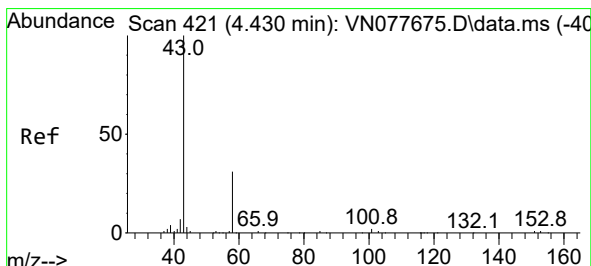
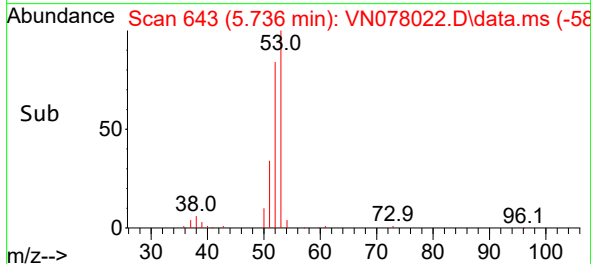
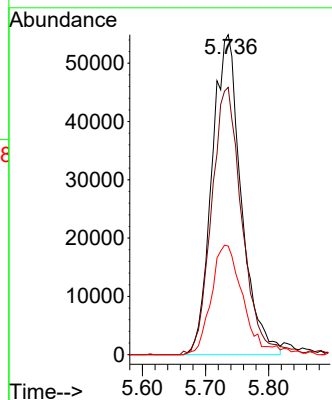
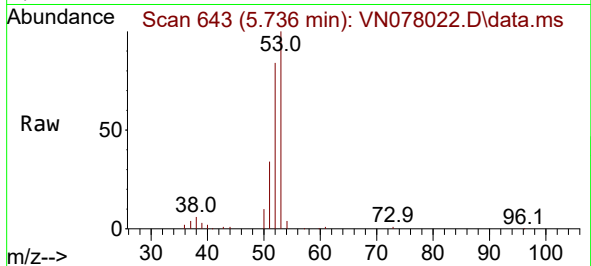




#15
Acrylonitrile
Concen: 96.400 ug/l
RT: 5.736 min Scan# 64
Delta R.T. 0.018 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

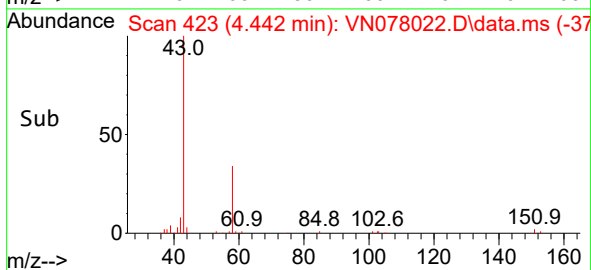
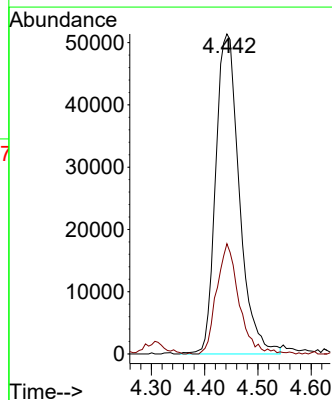
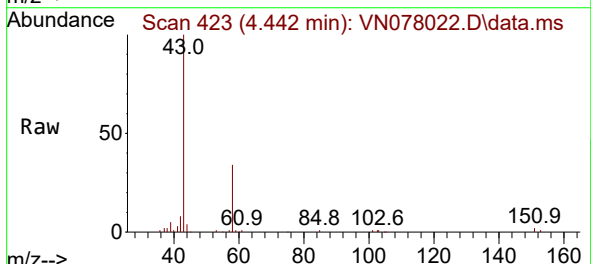
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

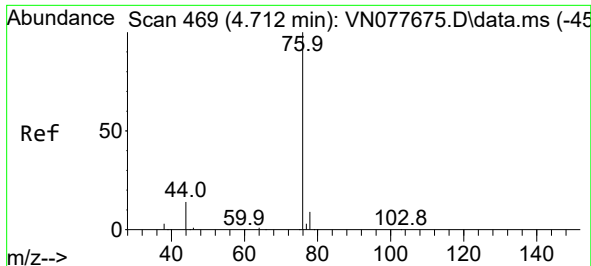
Tgt Ion: 53 Resp: 177028
Ion Ratio Lower Upper
53 100
52 86.7 65.3 97.9
51 37.6 28.9 43.3



#16
Acetone
Concen: 101.101 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 43 Resp: 158421
Ion Ratio Lower Upper
43 100
58 34.0 28.0 42.0

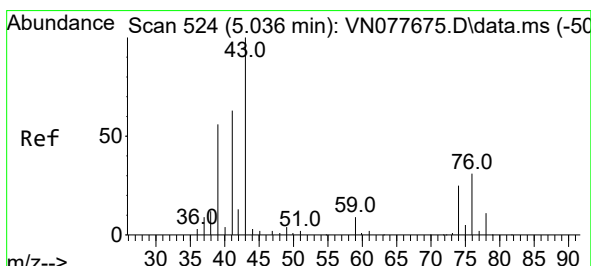
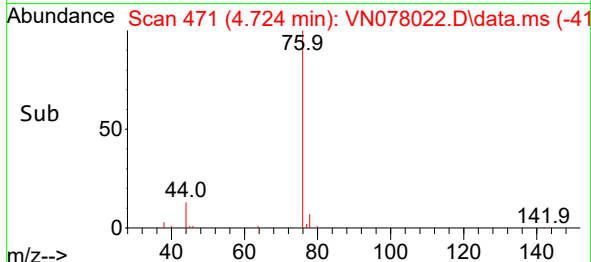
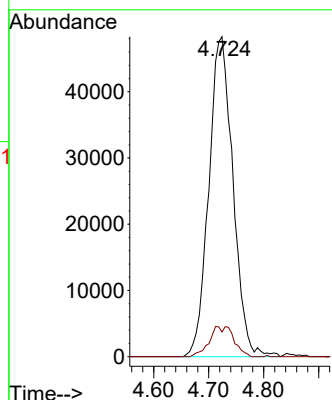
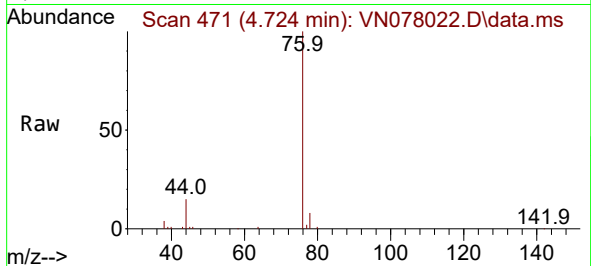




#17
Carbon Disulfide
Concen: 15.632 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

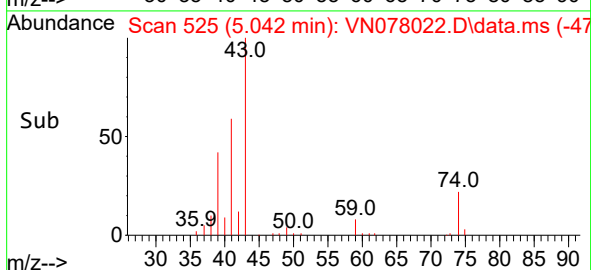
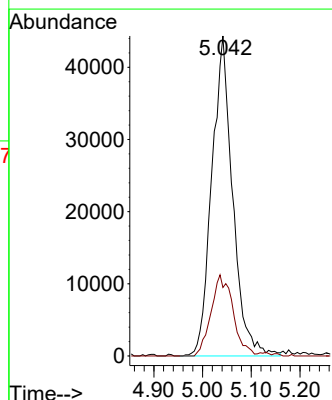
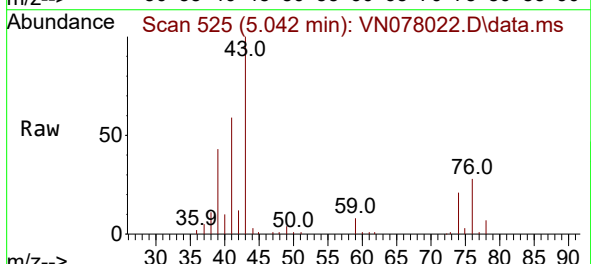
Instrument :
MSVOA_N
ClientSampleId :
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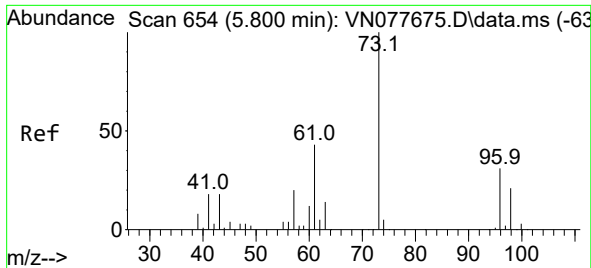
Tgt Ion: 76 Resp: 147466
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0



#18
Methyl Acetate
Concen: 20.076 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 43 Resp: 131969
Ion Ratio Lower Upper
43 100
74 26.7 26.2 39.4

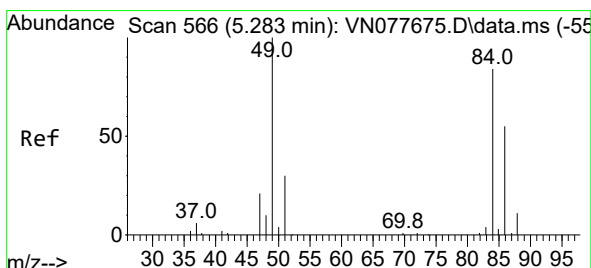
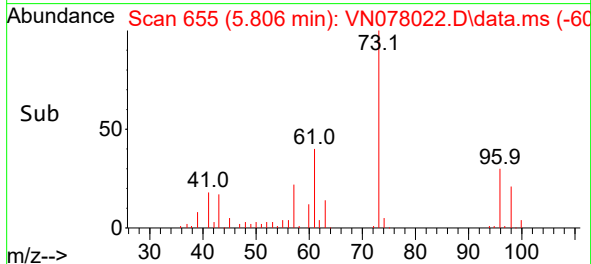
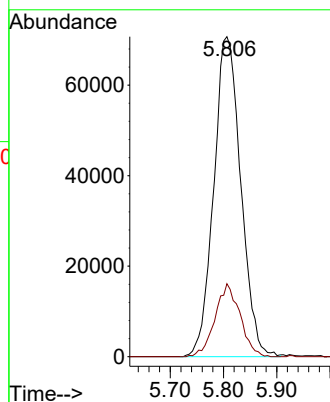
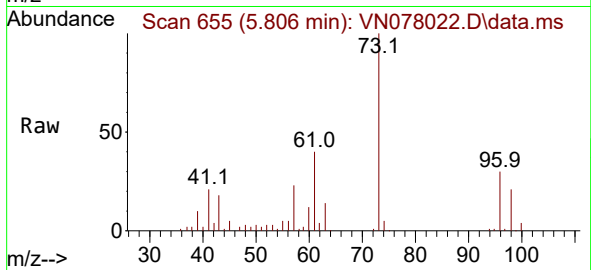




#19
Methyl tert-butyl Ether
Concen: 19.667 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

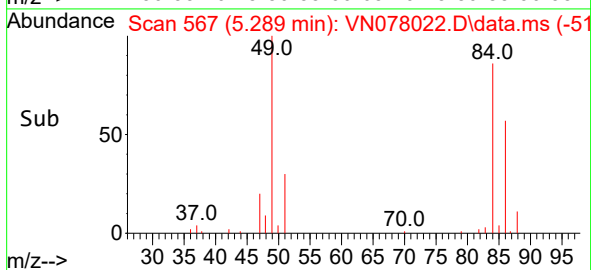
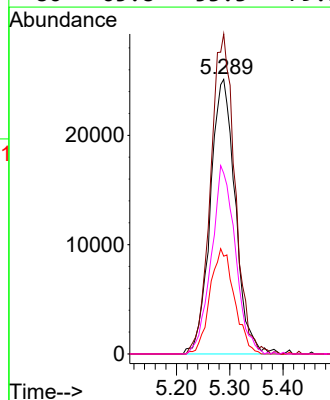
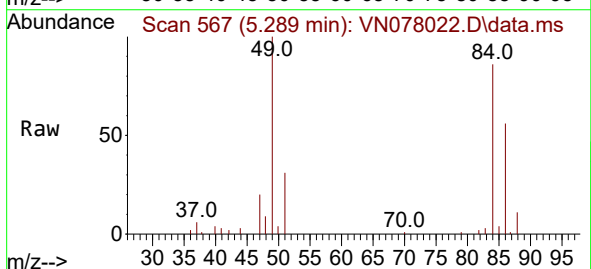
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

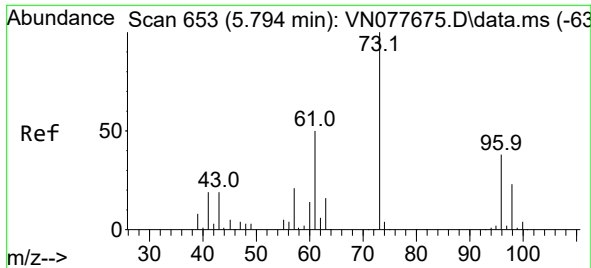
Tgt Ion: 73 Resp: 249228
Ion Ratio Lower Upper
73 100
57 22.8 15.6 23.4



#20
Methylene Chloride
Concen: 18.797 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 84 Resp: 81693
Ion Ratio Lower Upper
84 100
49 116.5 79.7 119.5
51 35.6 25.2 37.8
86 65.8 53.3 79.9

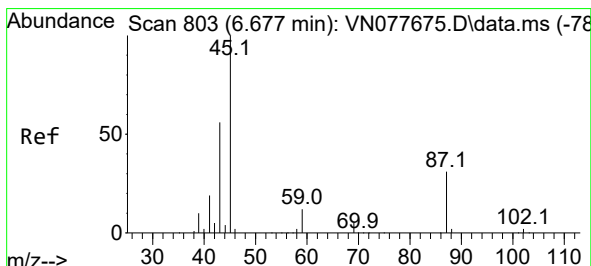
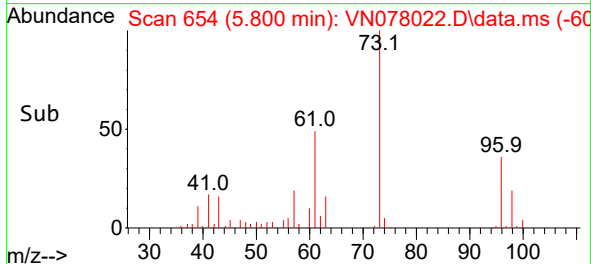
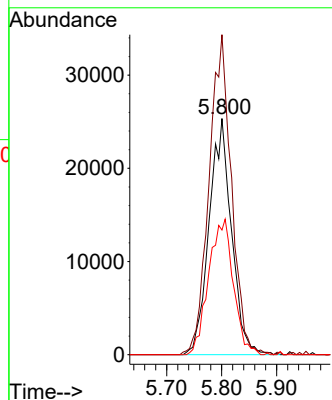
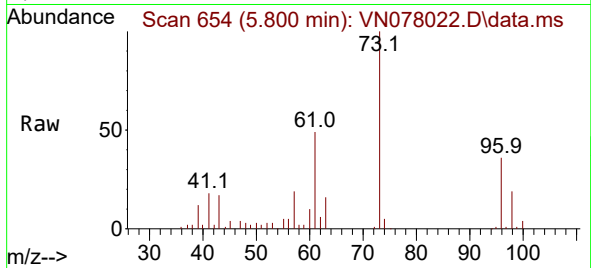




#21
trans-1,2-Dichloroethene
Concen: 18.238 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

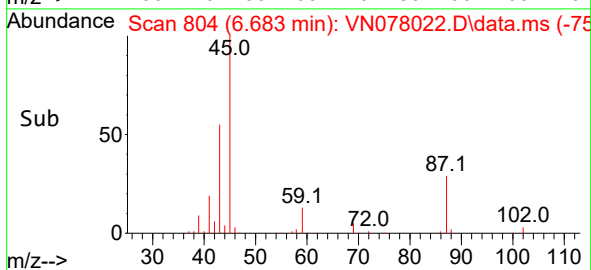
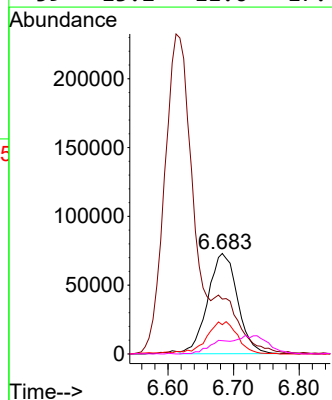
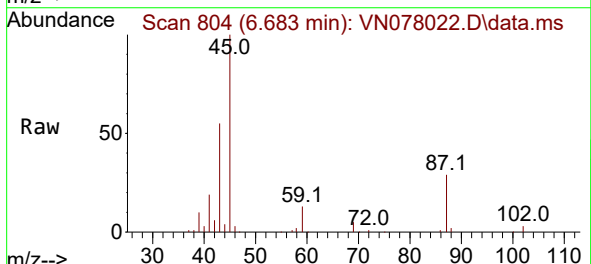
Instrument :
MSVOA_N
ClientSampleId :
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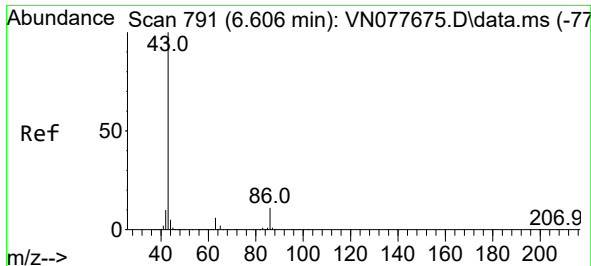
Tgt Ion: 96 Resp: 71724
Ion Ratio Lower Upper
96 100
61 135.5 90.1 135.1#
98 52.8 46.4 69.6



#22
Diisopropyl ether
Concen: 19.007 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 45 Resp: 229129
Ion Ratio Lower Upper
45 100
43 52.5 45.5 68.3
87 29.2 31.8 47.8#
59 13.2 11.6 17.4

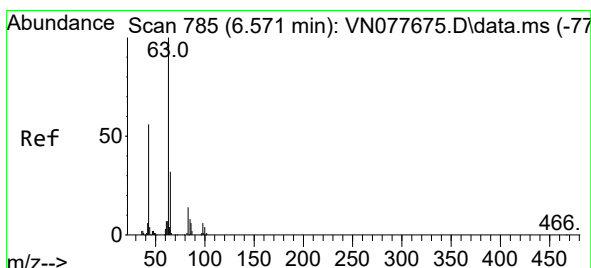
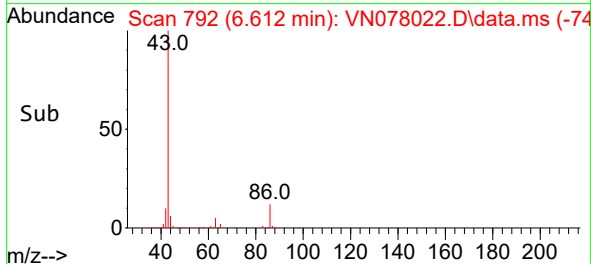
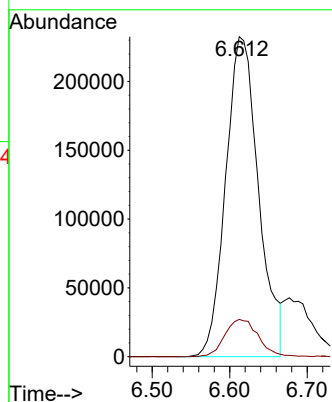
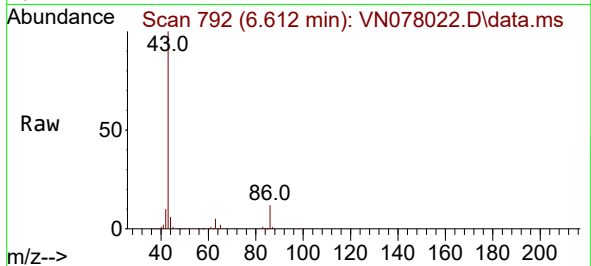




#23
 Vinyl Acetate
 Concen: 92.021 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN078022.D
 Acq: 02 Jun 2023 11:21

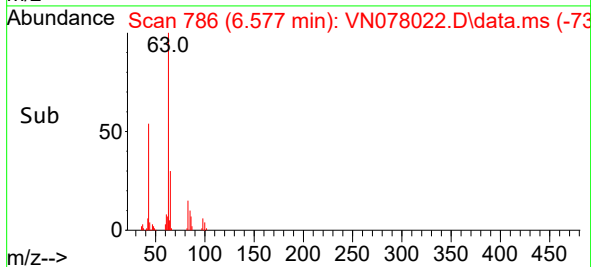
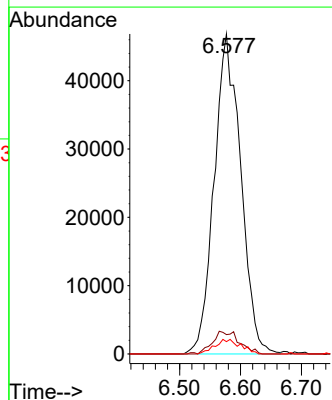
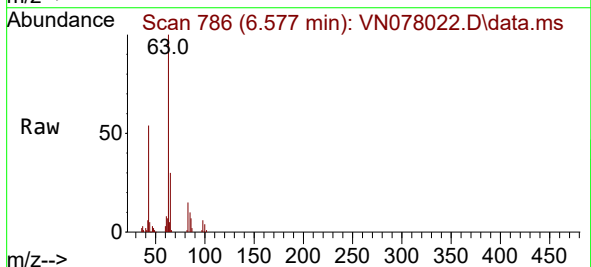
Instrument :
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 ClientSampleId :
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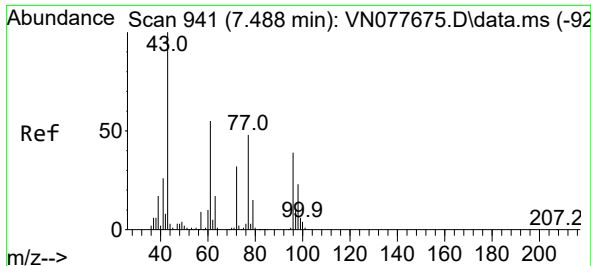
Tgt Ion: 43 Resp: 687324
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.187 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN078022.D
 Acq: 02 Jun 2023 11:21

Tgt Ion: 63 Resp: 141705
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.7
 100 3.9 2.5 7.4

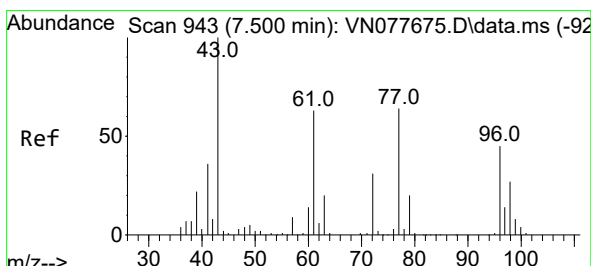
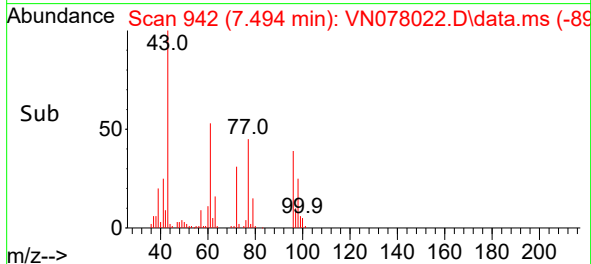
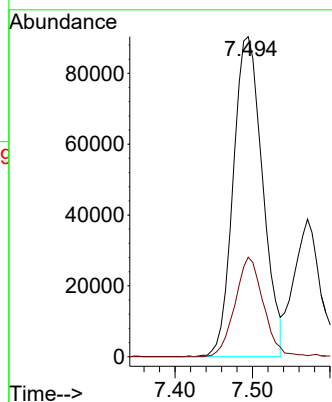
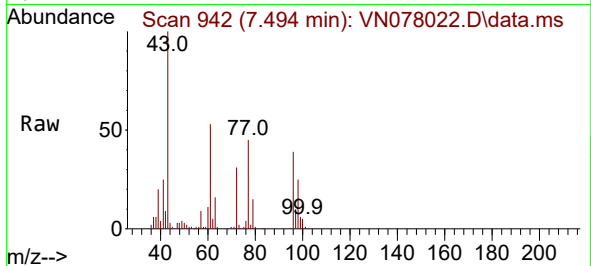




#25
2-Butanone
Concen: 97.300 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

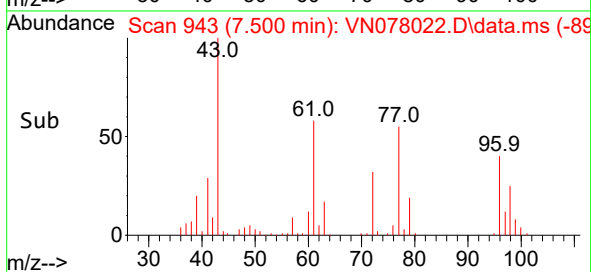
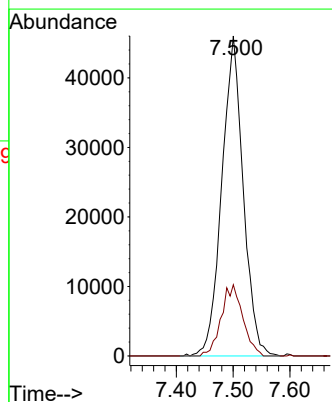
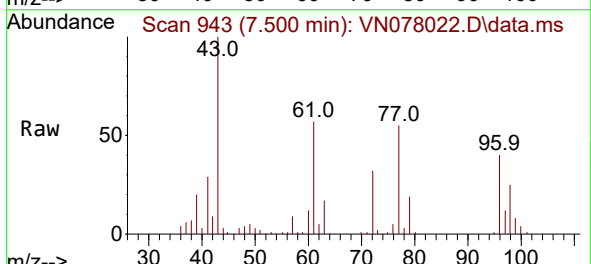
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

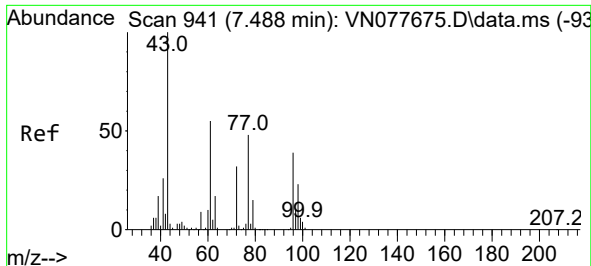
Tgt Ion: 43 Resp: 238501
Ion Ratio Lower Upper
43 100
72 31.1 30.2 45.2



#26
2,2-Dichloropropane
Concen: 19.226 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 77 Resp: 120636
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6

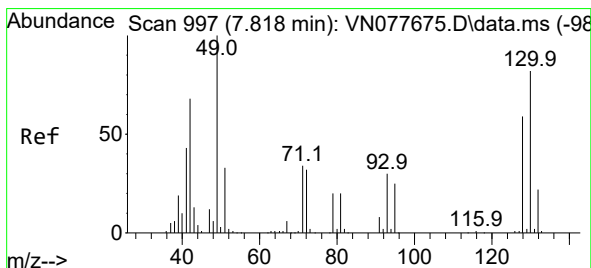
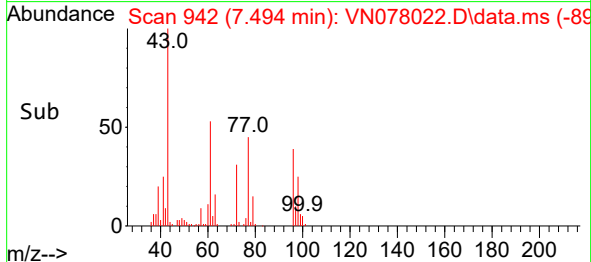
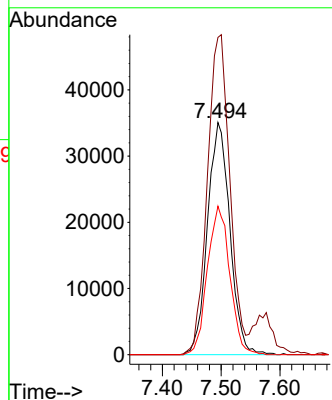
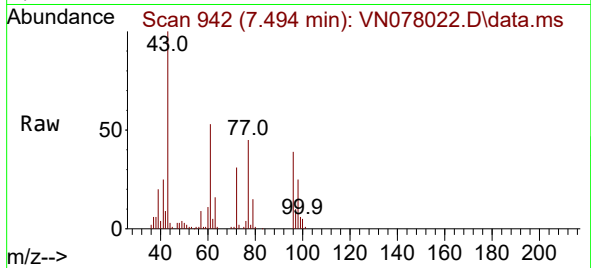




#27
 cis-1,2-Dichloroethene
 Concen: 19.719 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN078022.D
 Acq: 02 Jun 2023 11:21

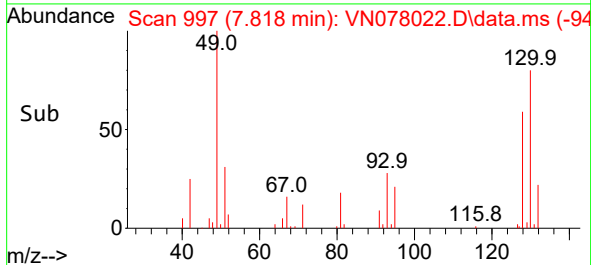
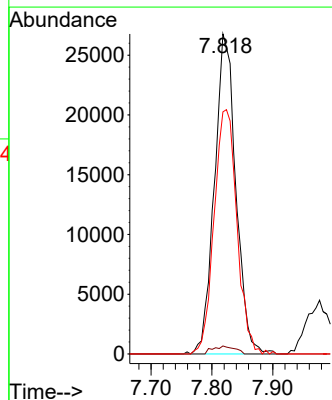
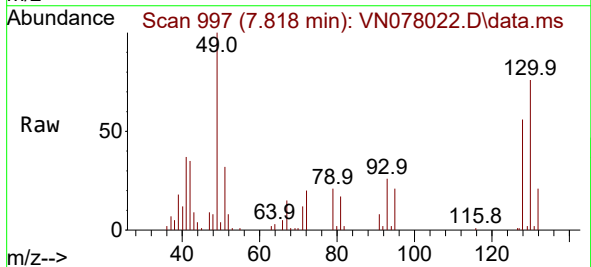
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602WBSD01

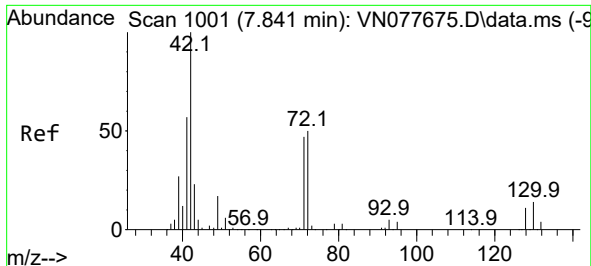
Tgt Ion: 96 Resp: 92985
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 255.2
 98 63.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.501 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078022.D
 Acq: 02 Jun 2023 11:21

Tgt Ion: 49 Resp: 65482
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 81.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 95.367 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBSD01

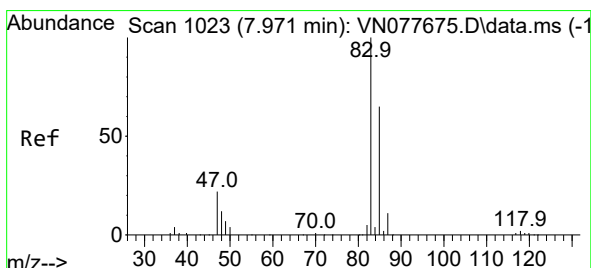
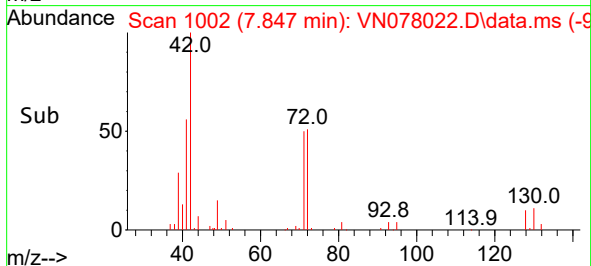
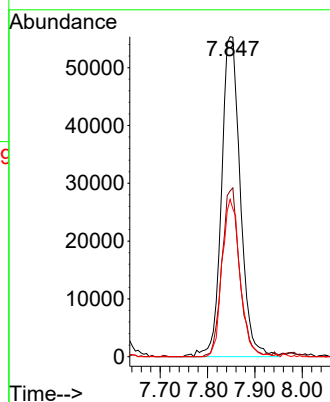
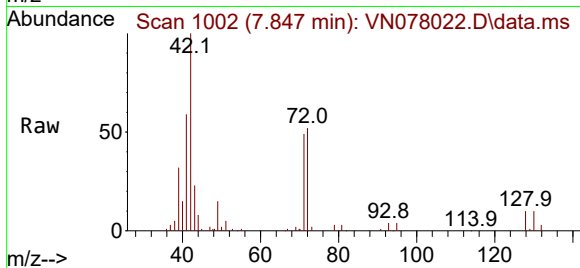
Tgt Ion: 42 Resp: 153066

Ion Ratio Lower Upper

42 100

72 49.6 49.8 74.6#

71 46.9 47.4 71.2#



#30

Chloroform

Concen: 19.386 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078022.D

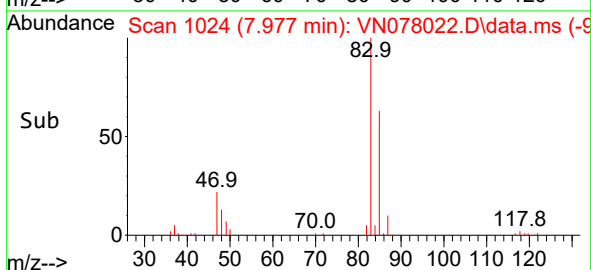
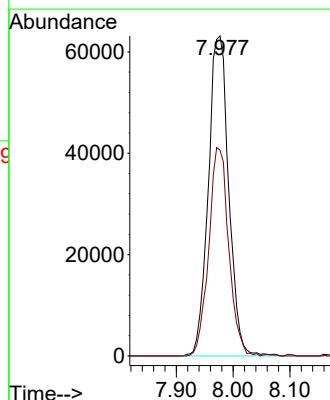
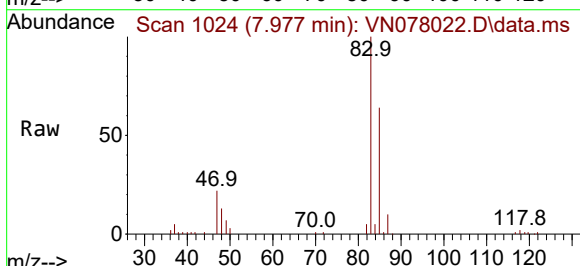
Acq: 02 Jun 2023 11:21

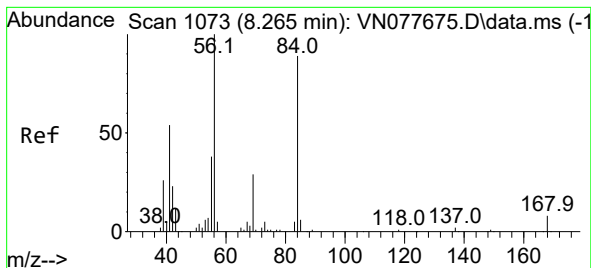
Tgt Ion: 83 Resp: 157499

Ion Ratio Lower Upper

83 100

85 64.3 55.4 83.0





#31

Cyclohexane

Concen: 16.577 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBSD01

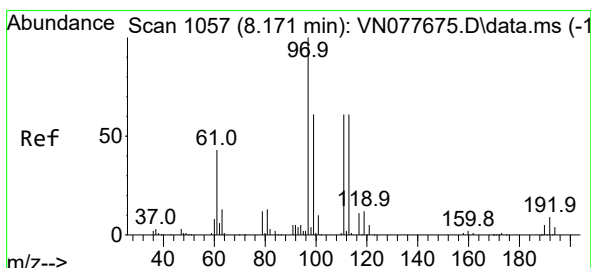
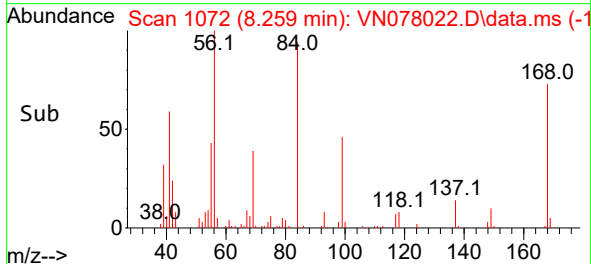
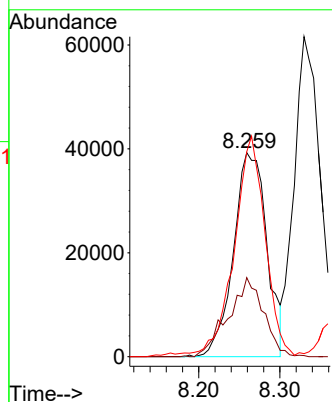
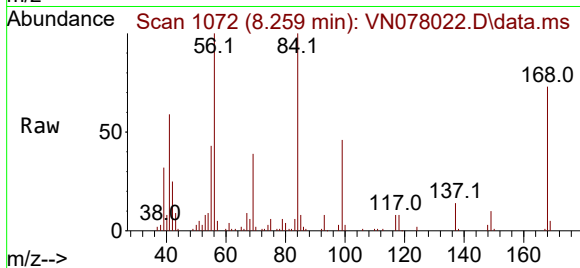
Tgt Ion: 56 Resp: 112216

Ion Ratio Lower Upper

56 100

69 38.8 26.8 40.2

84 98.9 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 19.439 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

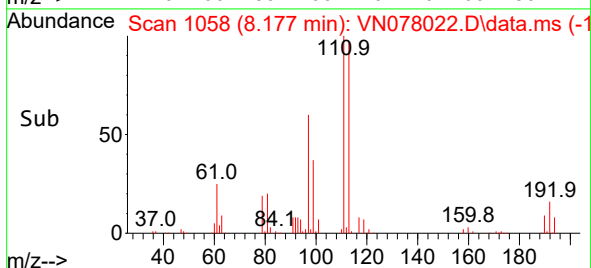
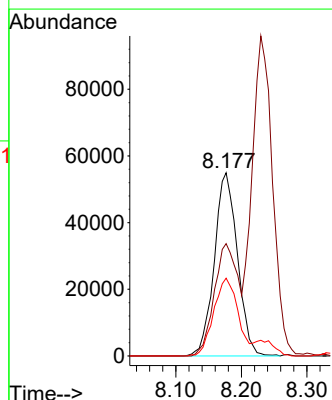
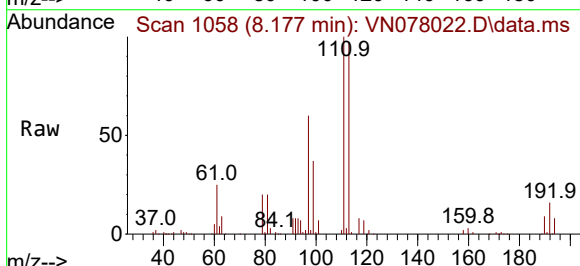
Tgt Ion: 97 Resp: 134269

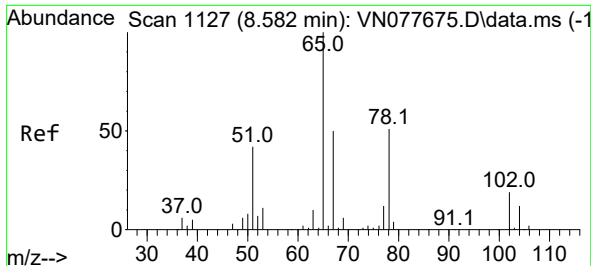
Ion Ratio Lower Upper

97 100

99 62.5 50.3 75.5

61 45.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.447 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

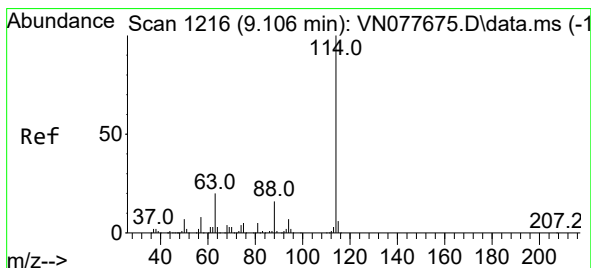
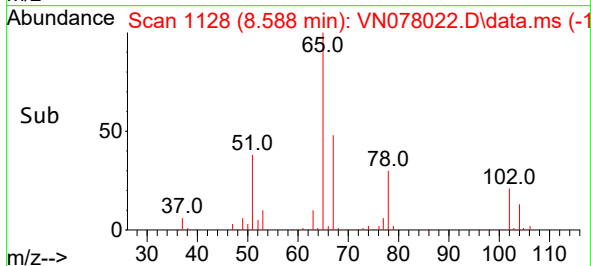
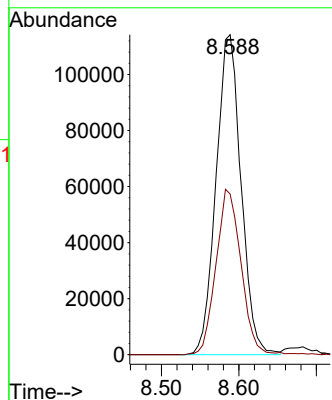
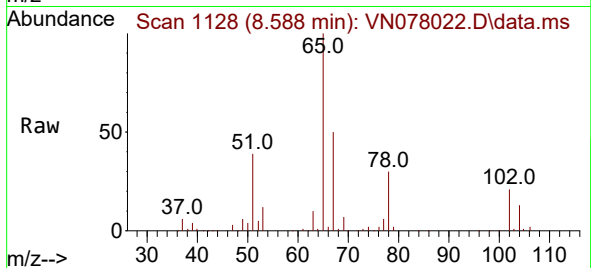
VN0602WBSD01

Tgt Ion: 65 Resp: 256237

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

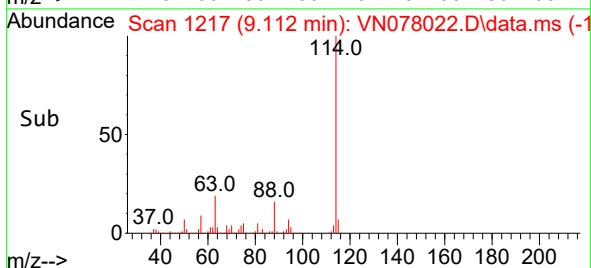
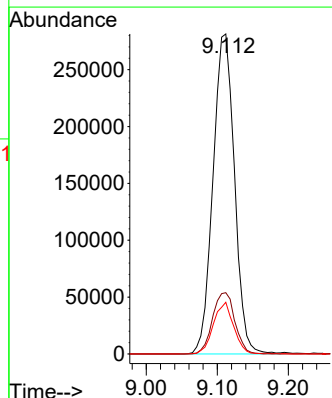
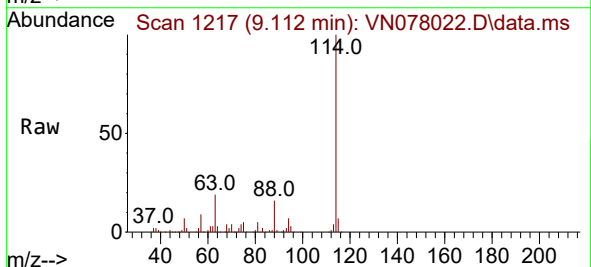
Tgt Ion: 114 Resp: 590396

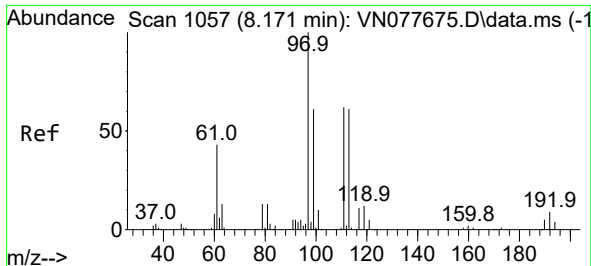
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 16.2 0.0 30.6

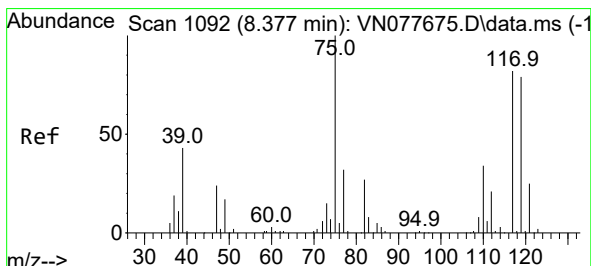
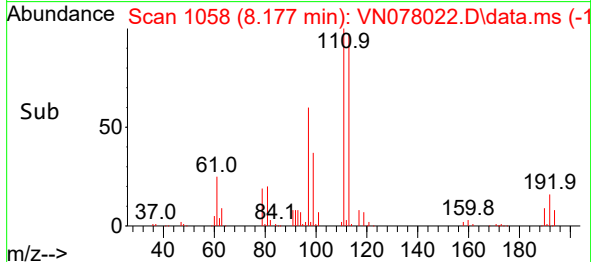
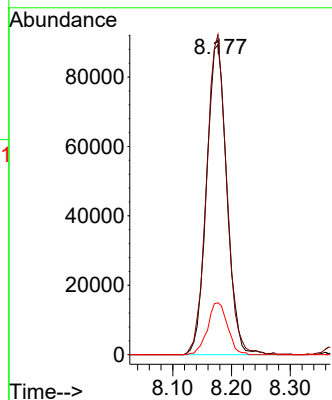
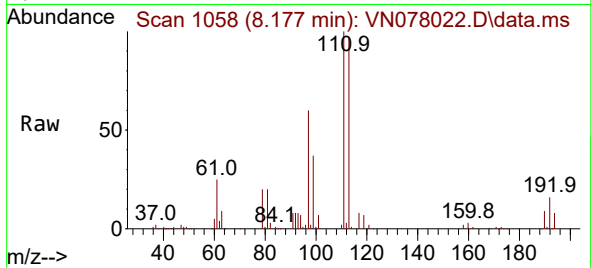




#35
Dibromofluoromethane
Concen: 55.690 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

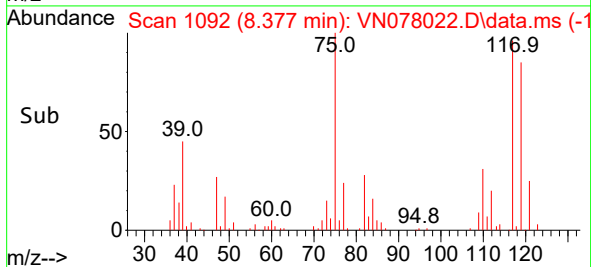
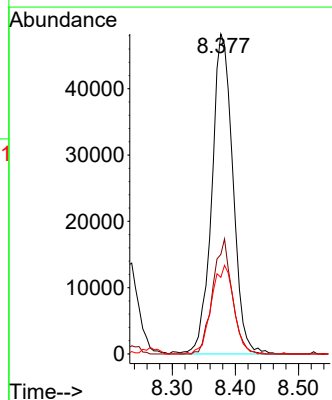
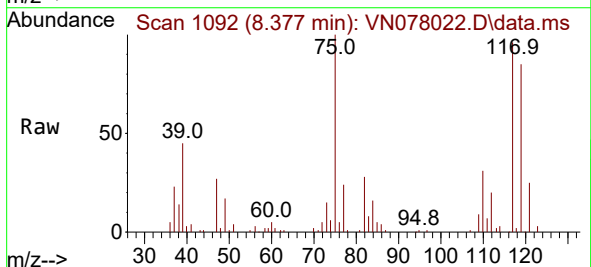
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

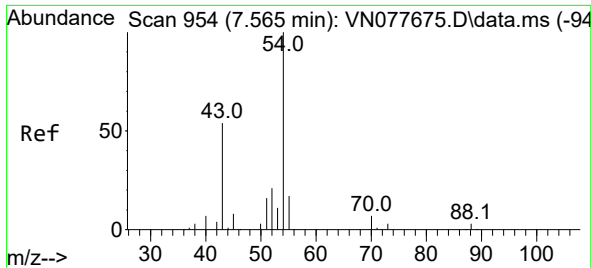
Tgt Ion:113 Resp: 214403
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 16.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 19.862 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 75 Resp: 111843
Ion Ratio Lower Upper
75 100
110 33.1 19.1 57.3
77 29.5 25.0 37.4





#37

Ethyl Acetate

Concen: 18.997 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBSD01

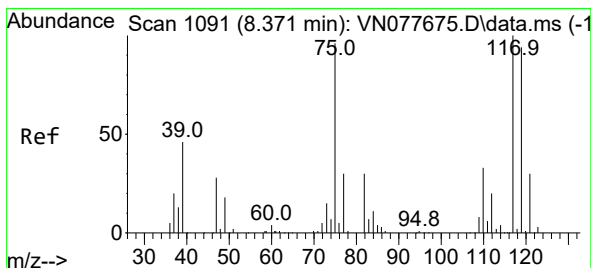
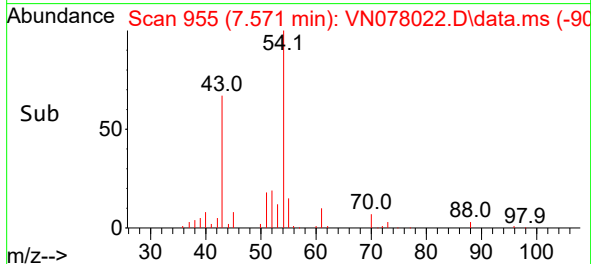
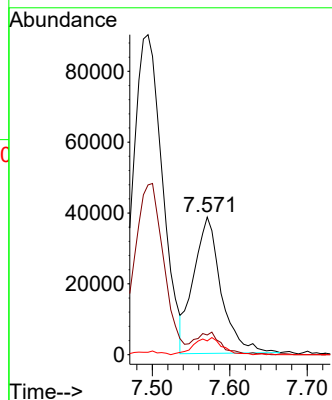
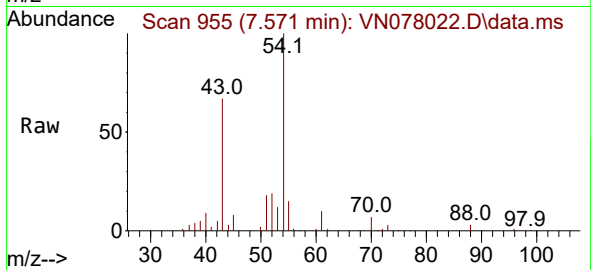
Tgt Ion: 43 Resp: 95347

Ion Ratio Lower Upper

43 100

61 13.3 13.2 19.8

70 12.6 11.3 16.9



#38

Carbon Tetrachloride

Concen: 20.251 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

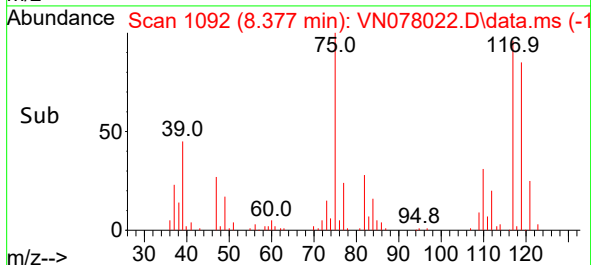
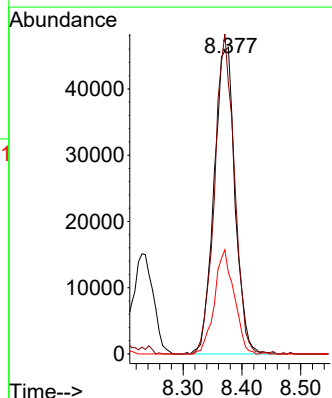
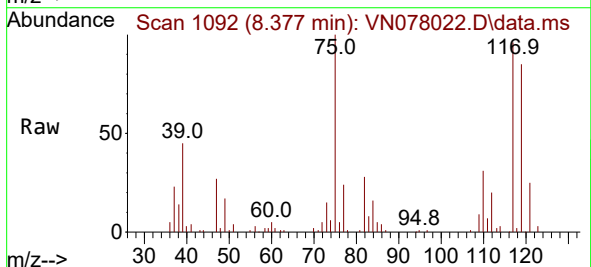
Tgt Ion: 117 Resp: 115150

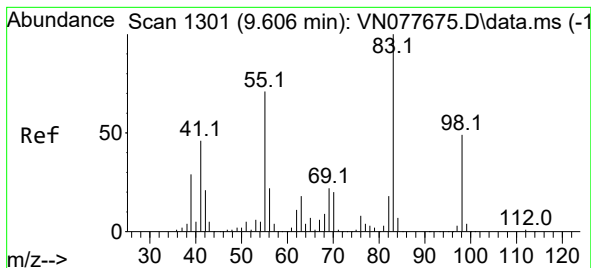
Ion Ratio Lower Upper

117 100

119 88.3 77.3 115.9

121 26.6 23.3 34.9





#39

Methylcyclohexane

Concen: 15.103 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBSD01

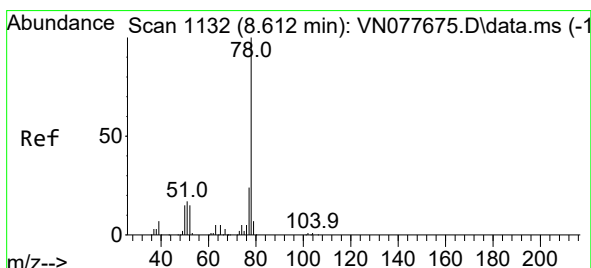
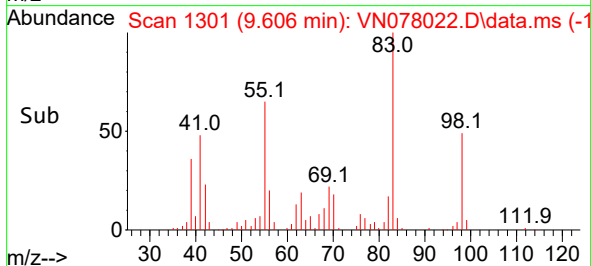
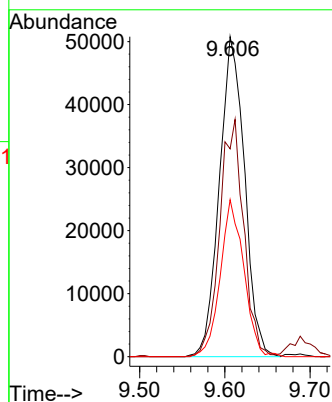
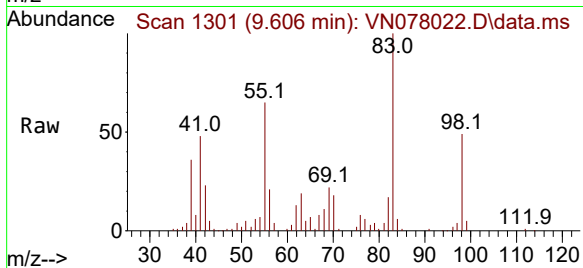
Tgt Ion: 83 Resp: 104116

Ion Ratio Lower Upper

83 100

55 65.0 49.1 73.7

98 49.0 40.6 61.0



#40

Benzene

Concen: 20.207 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078022.D

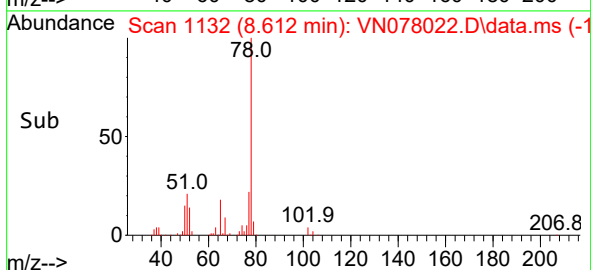
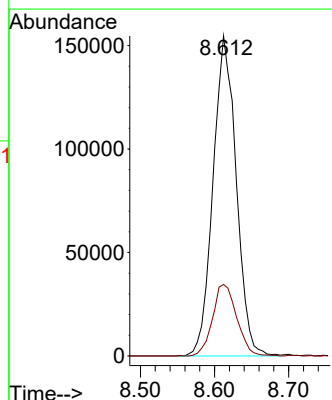
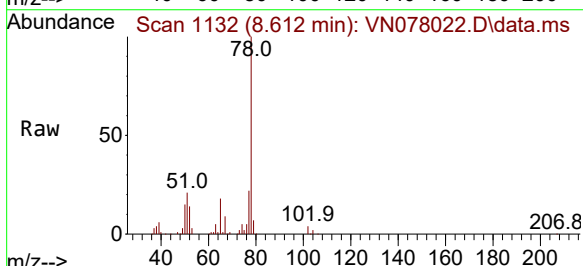
Acq: 02 Jun 2023 11:21

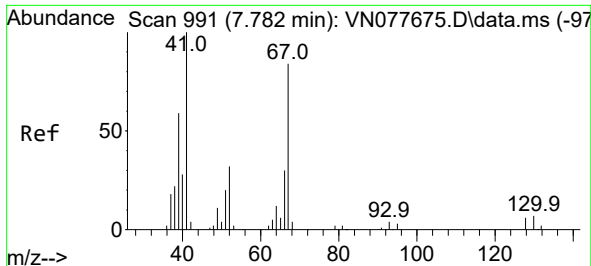
Tgt Ion: 78 Resp: 335788

Ion Ratio Lower Upper

78 100

77 22.3 19.0 28.6

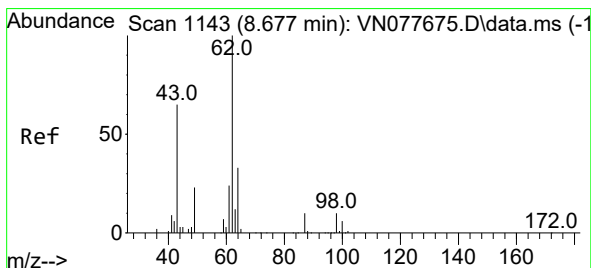
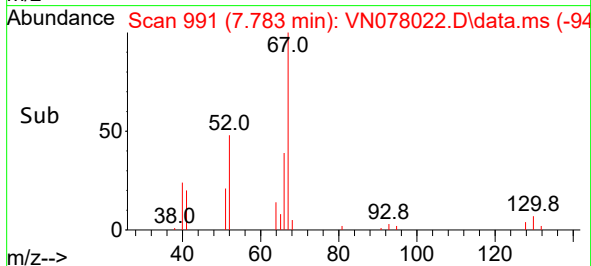
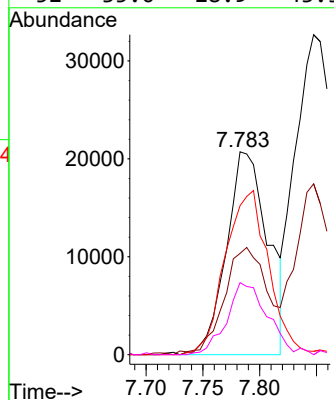
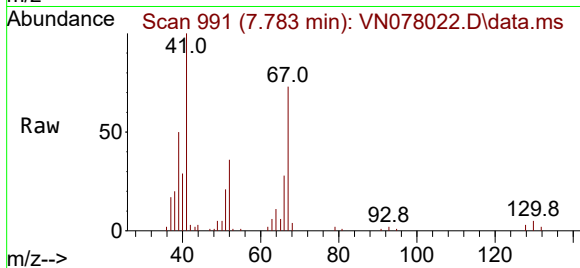




#41
Methacrylonitrile
Concen: 19.683 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

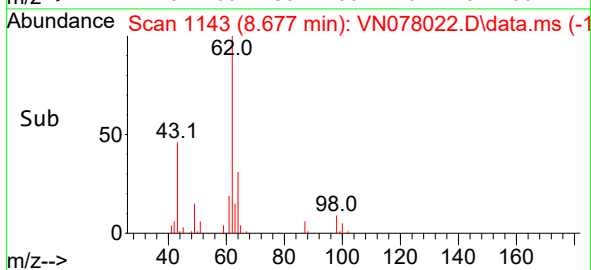
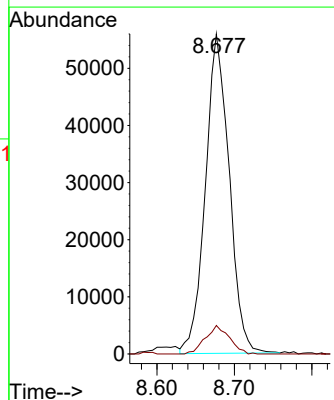
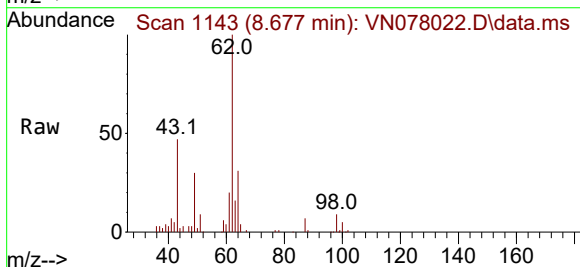
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

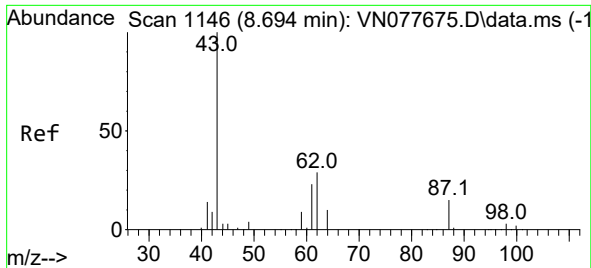
Tgt Ion:	41	Resp:	52612
Ion	Ratio	Lower	Upper
41	100		
39	55.8	42.6	64.0
67	84.3	77.5	116.3
52	35.0	28.9	43.3



#42
1,2-Dichloroethane
Concen: 19.729 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion:	62	Resp:	119092
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.8

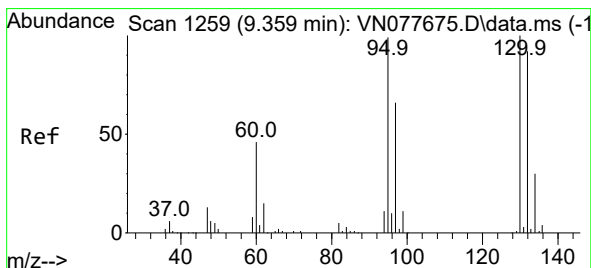
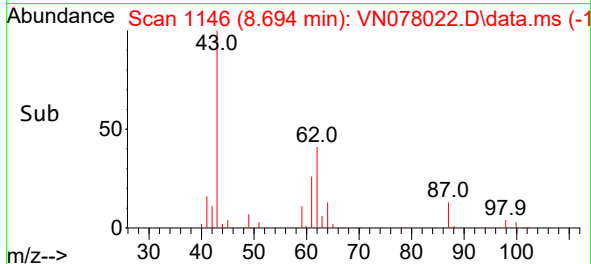
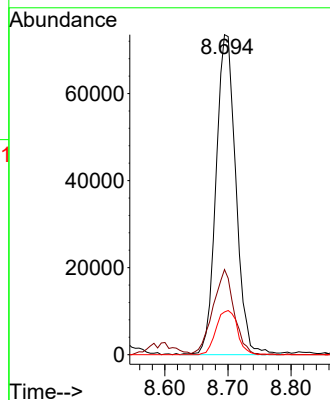
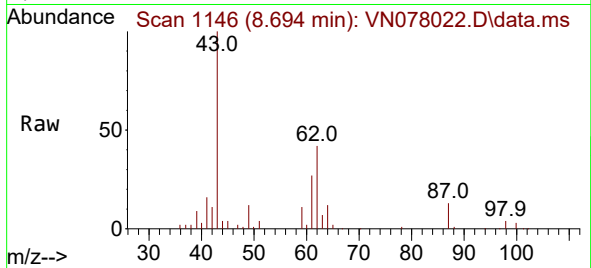




#43
Isopropyl Acetate
Concen: 19.584 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

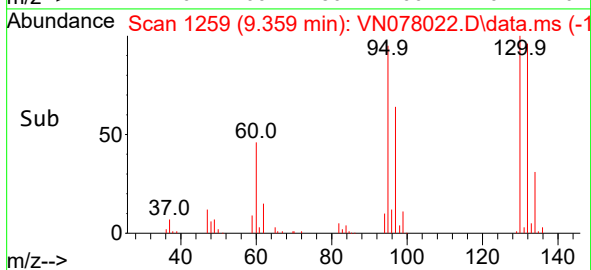
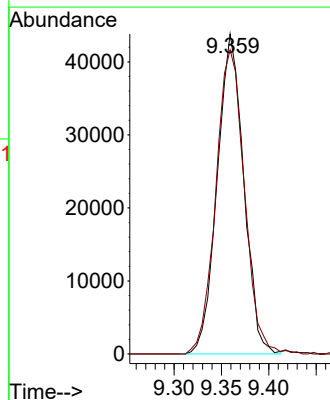
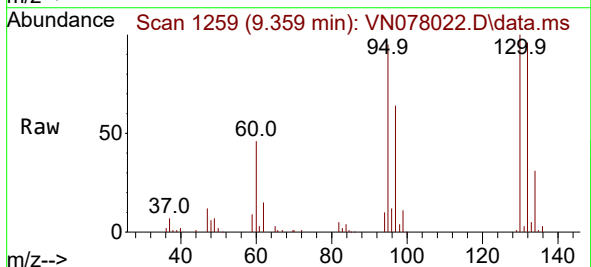
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

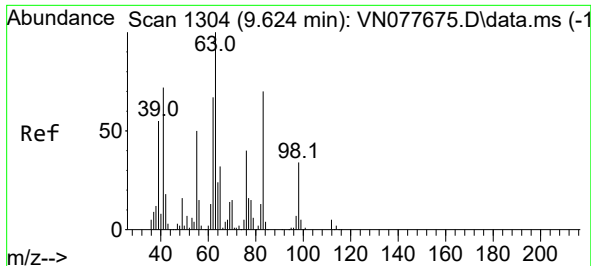
Tgt Ion: 43 Resp: 160548
Ion Ratio Lower Upper
43 100
61 28.4 24.7 37.1
87 14.8 14.6 21.8



#44
Trichloroethene
Concen: 20.264 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion:130 Resp: 85264
Ion Ratio Lower Upper
130 100
95 95.1 0.0 204.6

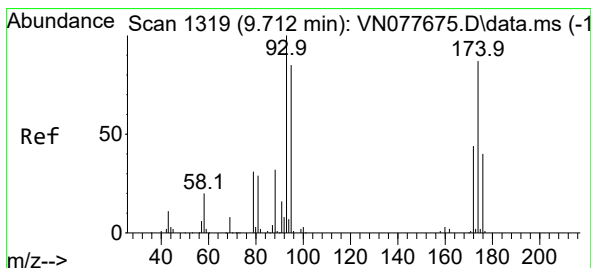
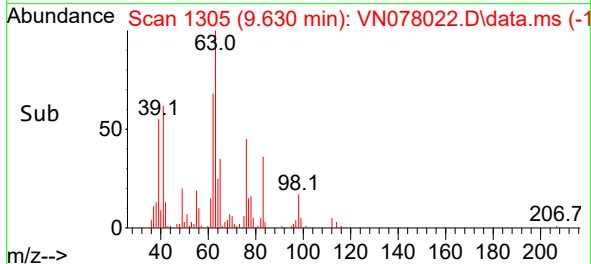
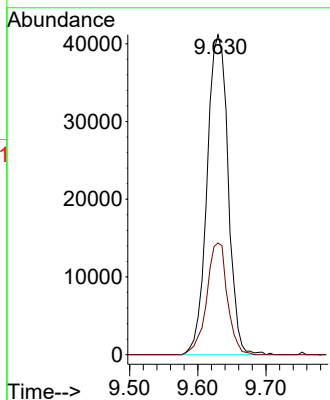
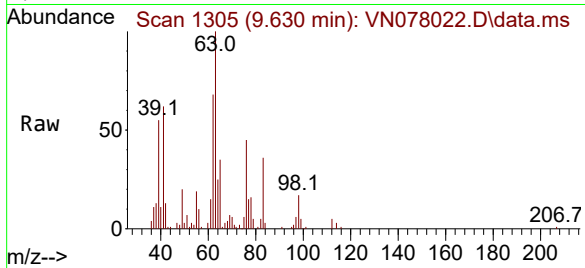




#45
1,2-Dichloropropane
Concen: 20.861 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

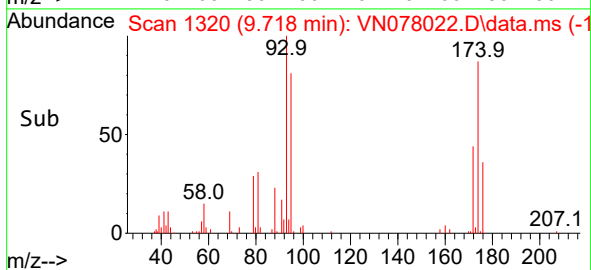
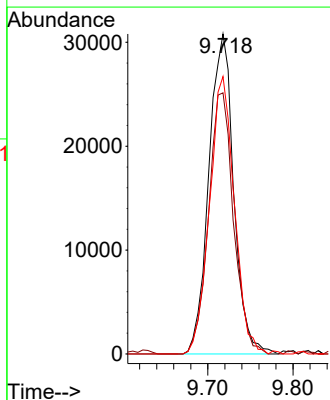
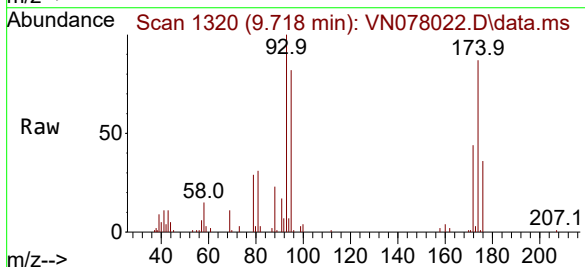
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

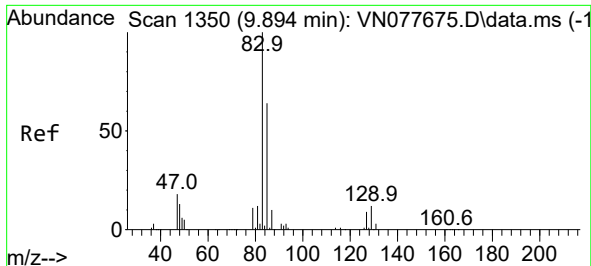
Tgt Ion: 63 Resp: 88420
Ion Ratio Lower Upper
63 100
65 34.9 23.9 35.9



#46
Dibromomethane
Concen: 20.567 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 93 Resp: 62380
Ion Ratio Lower Upper
93 100
95 82.3 63.8 95.8
174 86.5 65.6 98.4

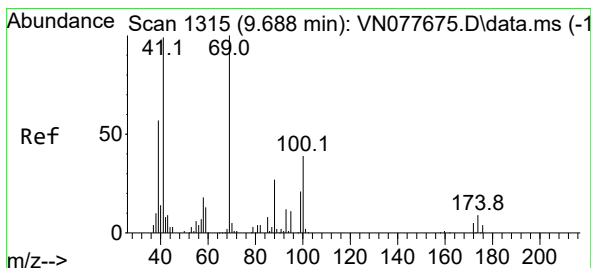
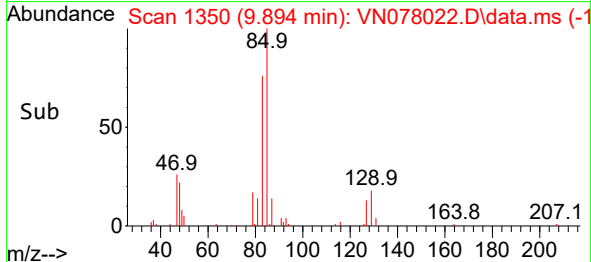
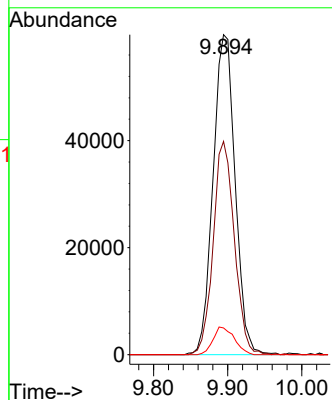
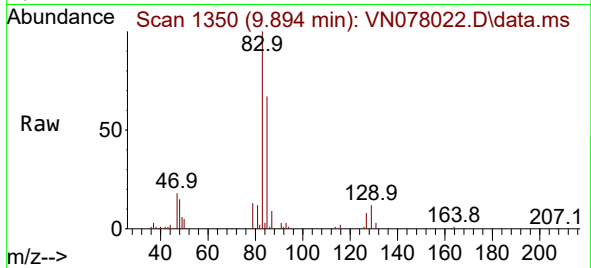




#47
Bromodichloromethane
Concen: 21.315 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

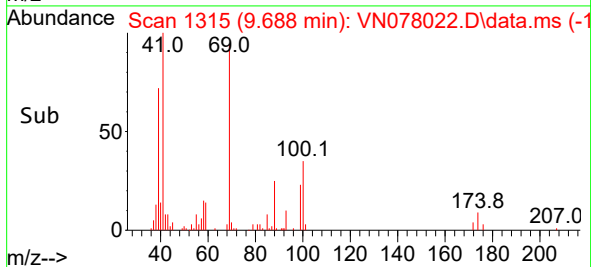
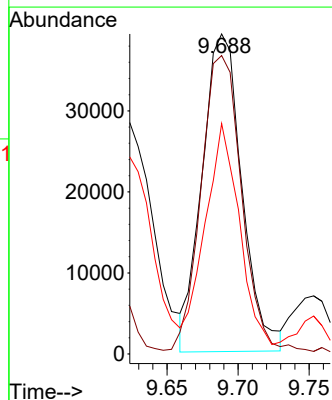
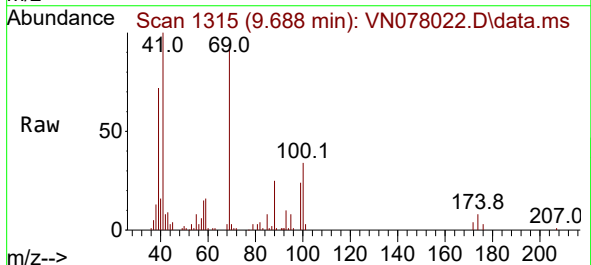
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

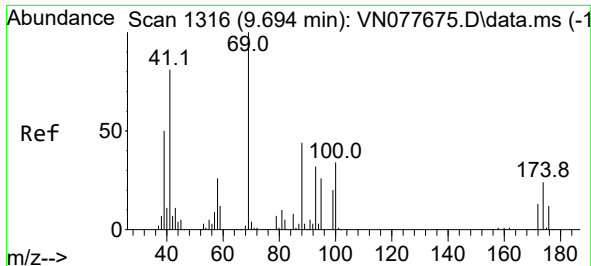
Tgt Ion: 83 Resp: 123768
Ion Ratio Lower Upper
83 100
85 66.6 49.6 74.4
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 19.609 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 41 Resp: 76219
Ion Ratio Lower Upper
41 100
69 95.6 90.4 135.6
39 63.6 54.6 81.8





#49

1,4-Dioxane

Concen: 415.897 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBSD01

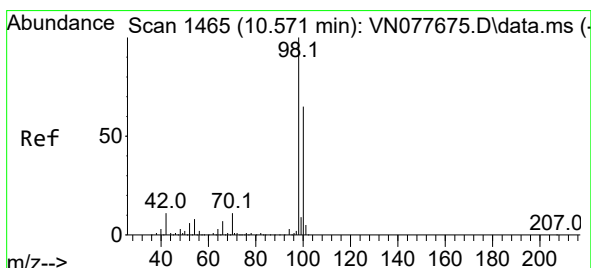
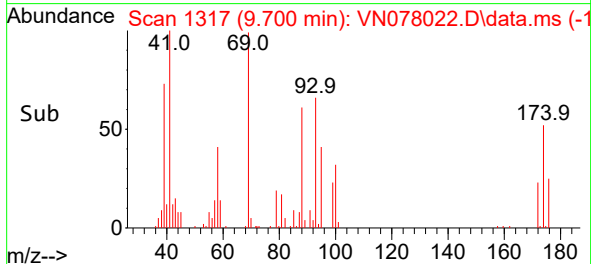
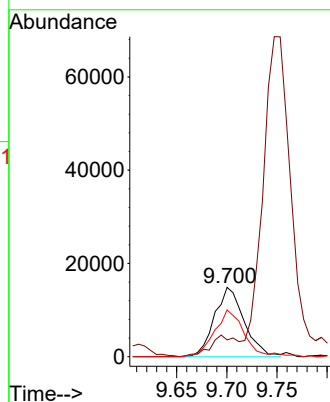
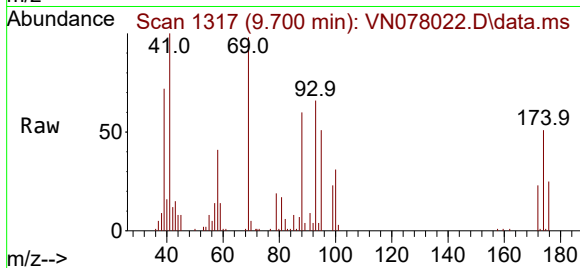
Tgt Ion: 88 Resp: 30532

Ion Ratio Lower Upper

88 100

43 27.1 17.0 25.6#

58 67.7 47.0 70.4



#50

Toluene-d8

Concen: 51.464 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078022.D

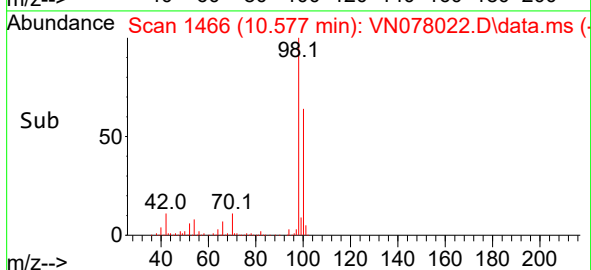
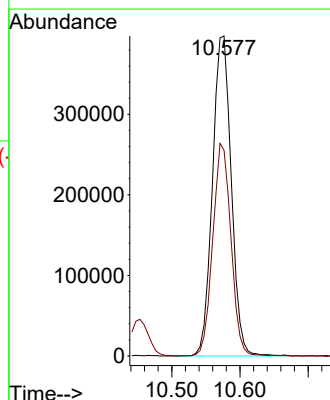
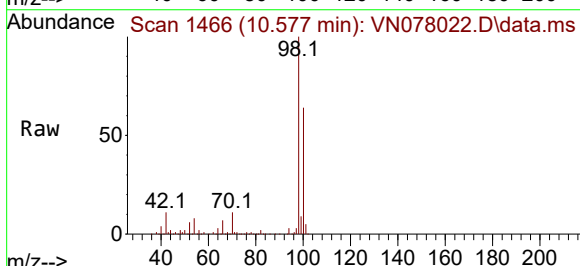
Acq: 02 Jun 2023 11:21

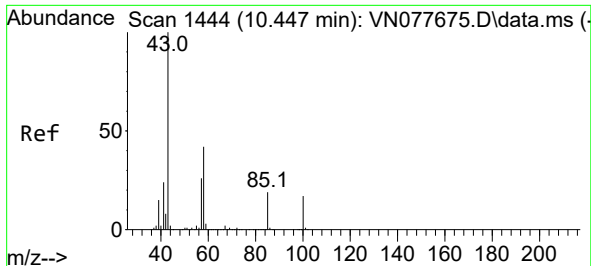
Tgt Ion: 98 Resp: 762624

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

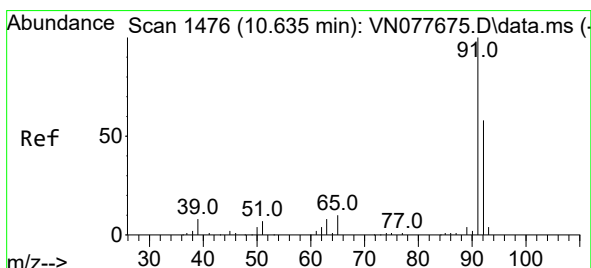
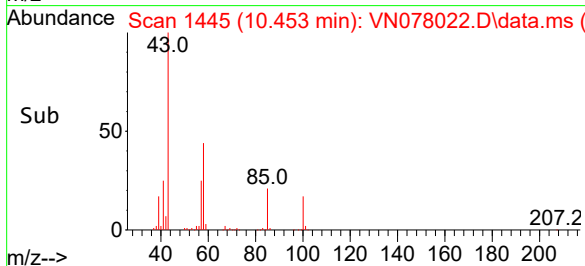
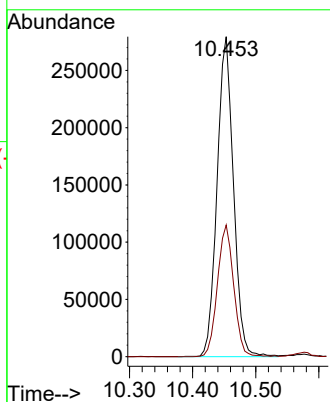
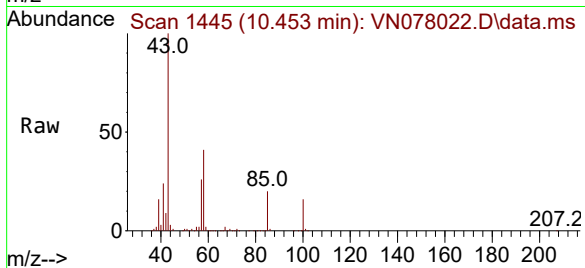




#51
4-Methyl-2-Pentanone
Concen: 103.412 ug/l
RT: 10.453 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

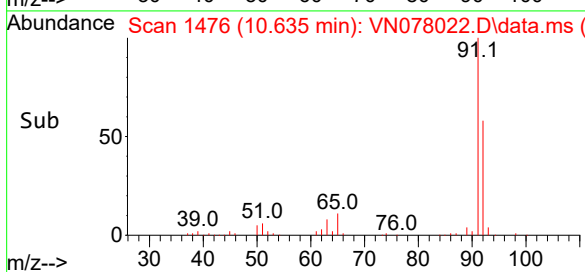
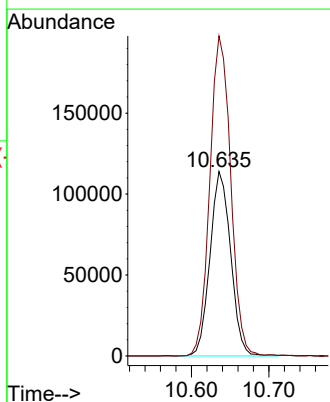
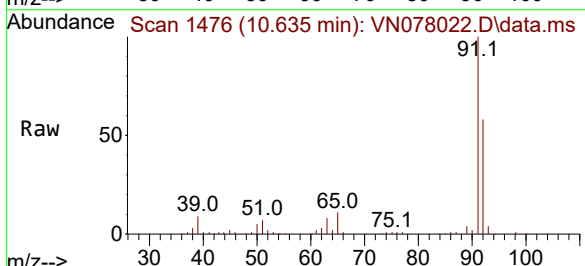
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

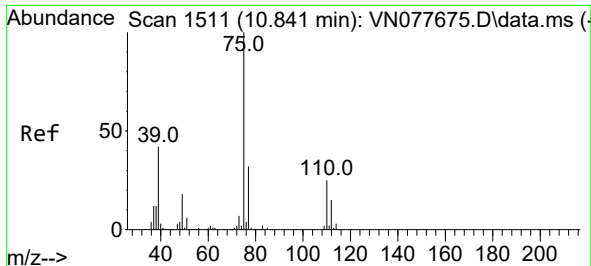
Tgt Ion: 43 Resp: 503932
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8



#52
Toluene
Concen: 20.375 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 92 Resp: 210779
Ion Ratio Lower Upper
92 100
91 175.7 137.4 206.0

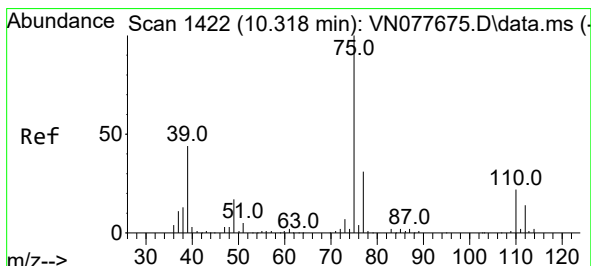
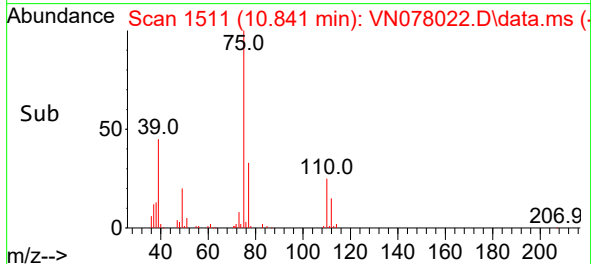
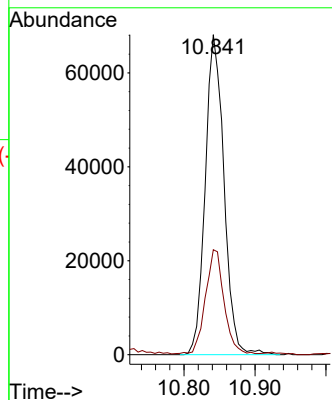
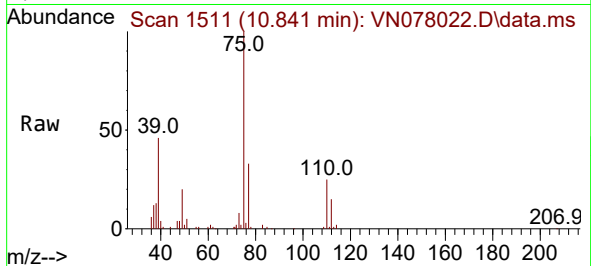




#53
 t-1,3-Dichloropropene
 Concen: 20.310 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078022.D
 Acq: 02 Jun 2023 11:21

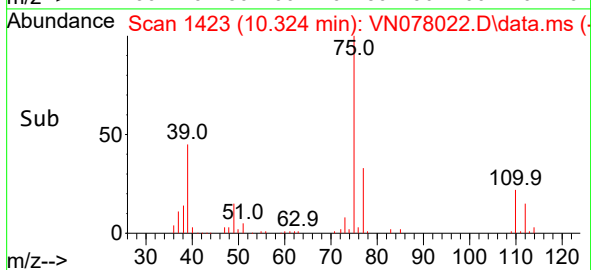
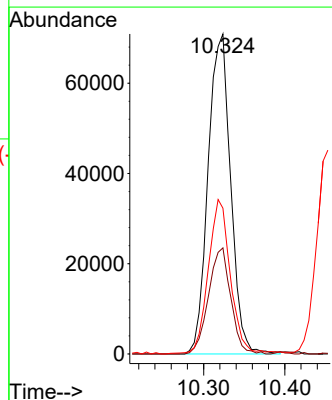
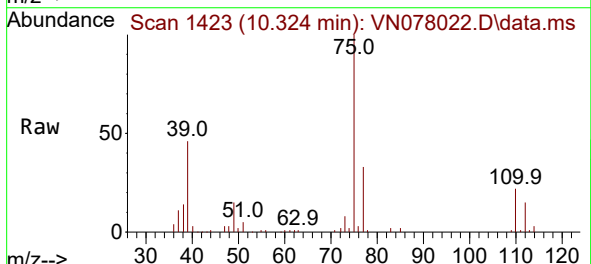
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602WBSD01

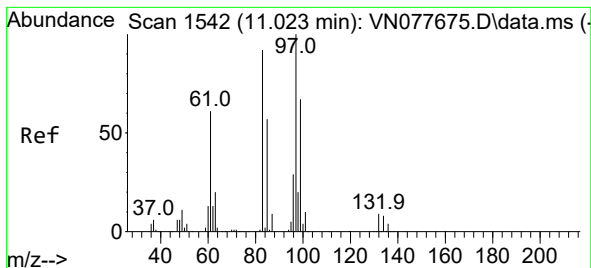
Tgt Ion: 75 Resp: 124887
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.223 ug/l
 RT: 10.324 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VN078022.D
 Acq: 02 Jun 2023 11:21

Tgt Ion: 75 Resp: 137035
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.1 39.1
 39 45.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 22.094 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.001 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBSD01

Tgt Ion: 97 Resp: 90754

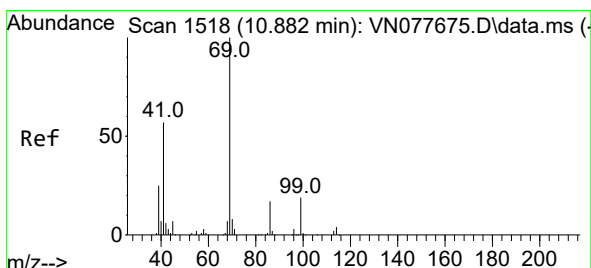
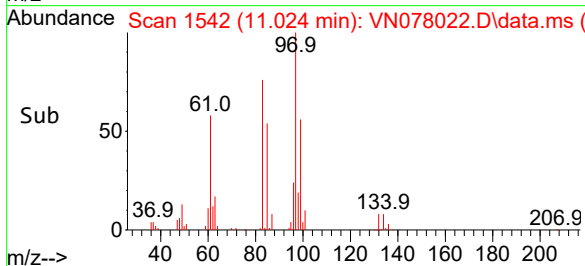
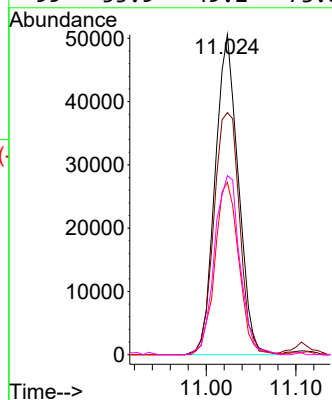
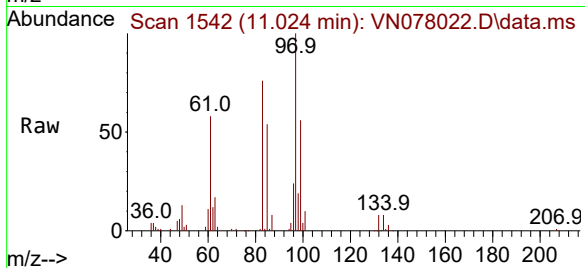
Ion Ratio Lower Upper

97 100

83 75.7 65.1 97.7

85 53.9 43.4 65.2

99 55.9 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.661 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

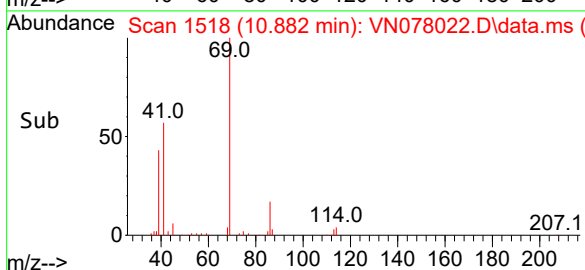
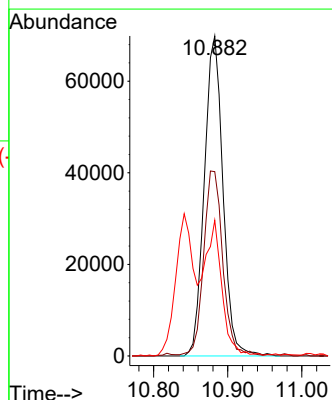
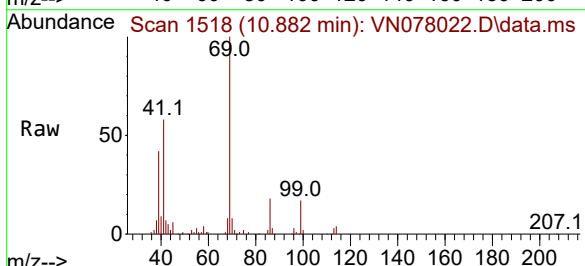
Tgt Ion: 69 Resp: 122109

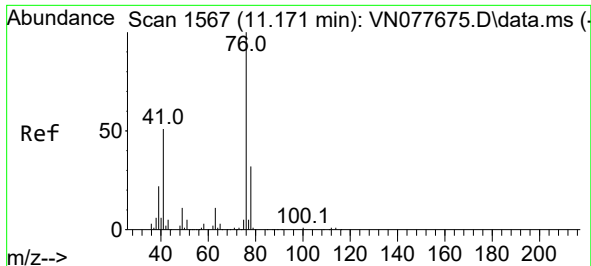
Ion Ratio Lower Upper

69 100

41 58.4 39.6 59.4

39 39.1 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.827 ug/l

RT: 11.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

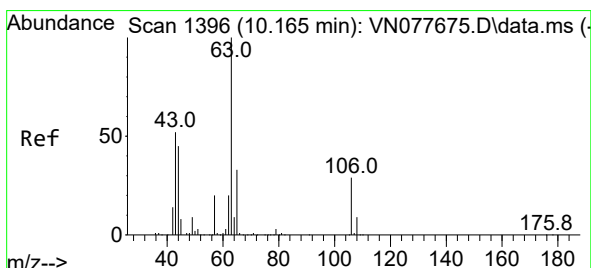
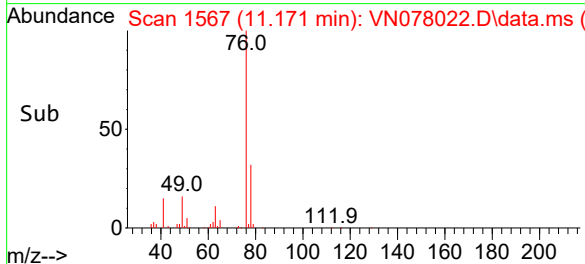
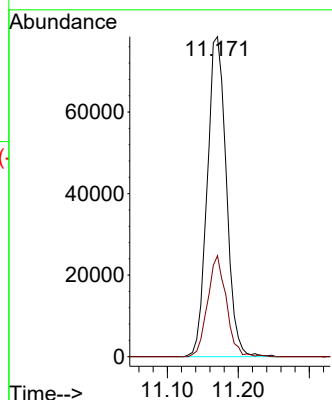
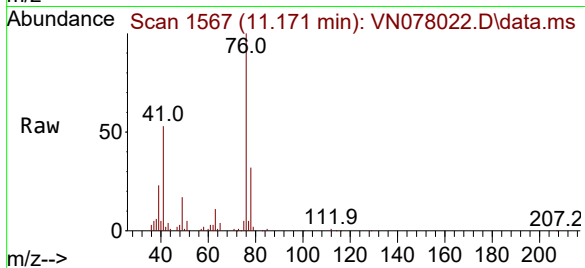
VN0602WBSD01

Tgt Ion: 76 Resp: 146661

Ion Ratio Lower Upper

76 100

78 30.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 83.946 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078022.D

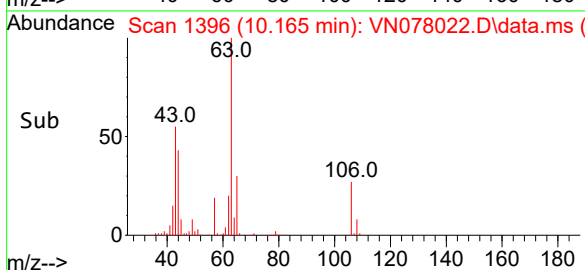
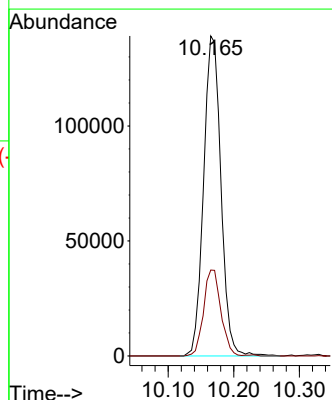
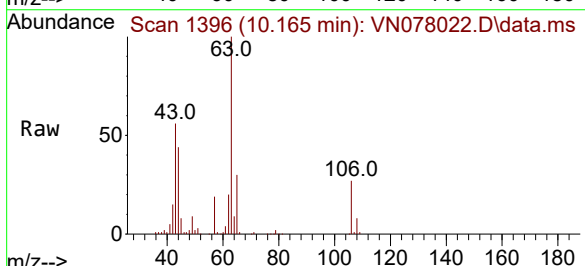
Acq: 02 Jun 2023 11:21

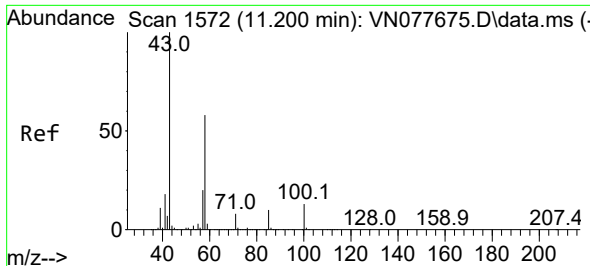
Tgt Ion: 63 Resp: 256490

Ion Ratio Lower Upper

63 100

106 26.8 26.2 39.4

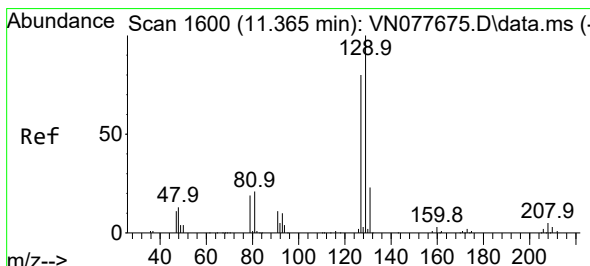
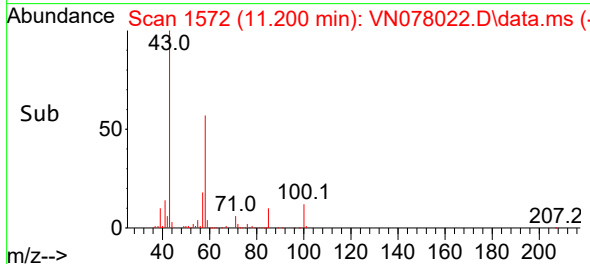
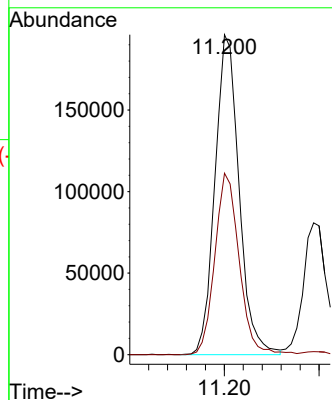
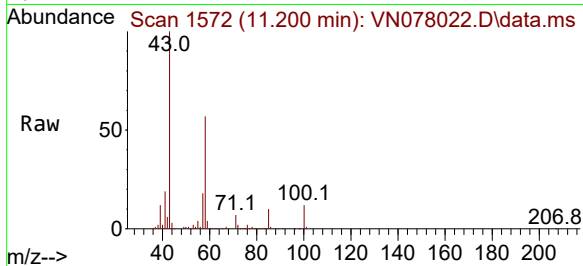




#59
2-Hexanone
Concen: 96.344 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

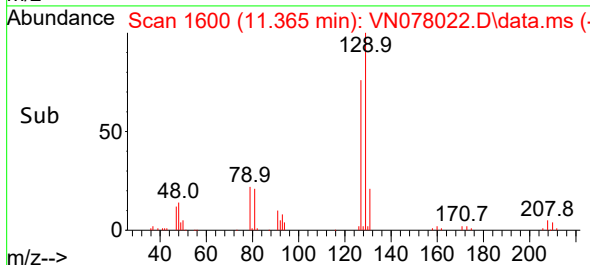
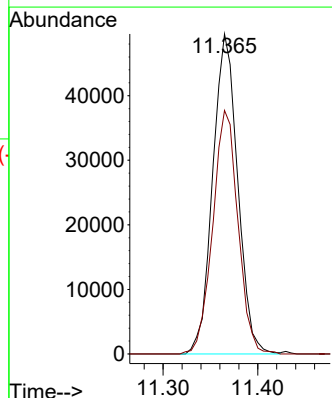
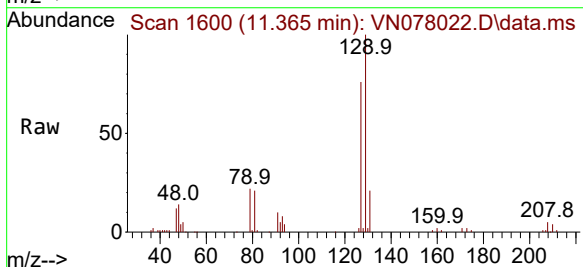
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

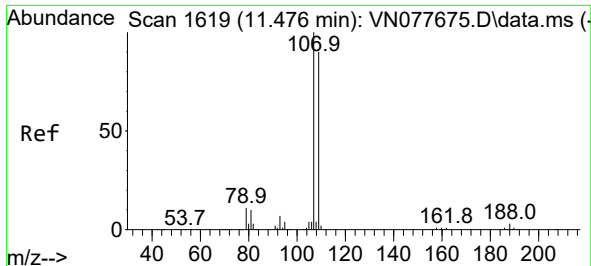
Tgt Ion: 43 Resp: 347260
Ion Ratio Lower Upper
43 100
58 57.2 31.7 95.1



#60
Dibromochloromethane
Concen: 21.396 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 129 Resp: 90727
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0

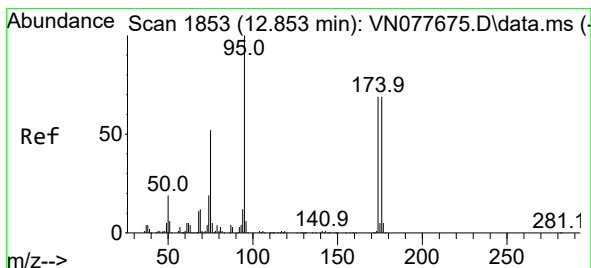
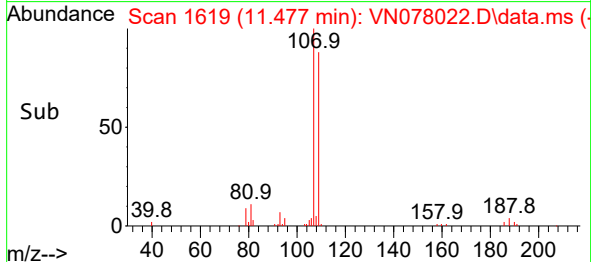
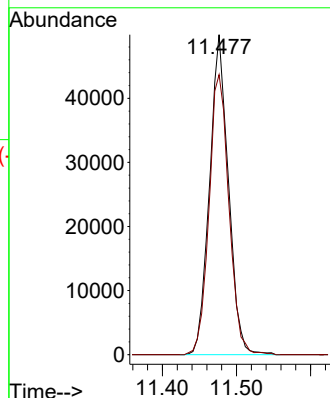
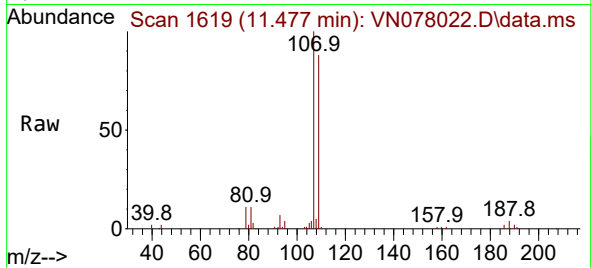




#61
1,2-Dibromoethane
Concen: 21.561 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

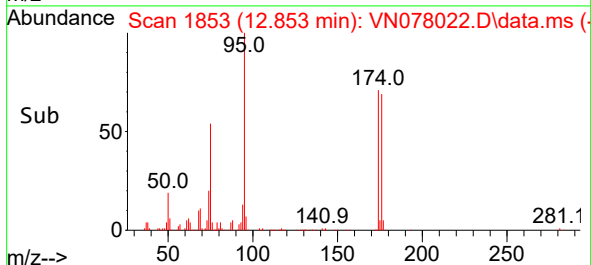
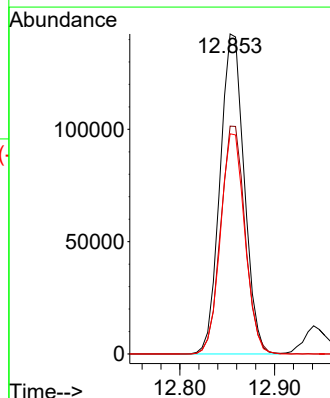
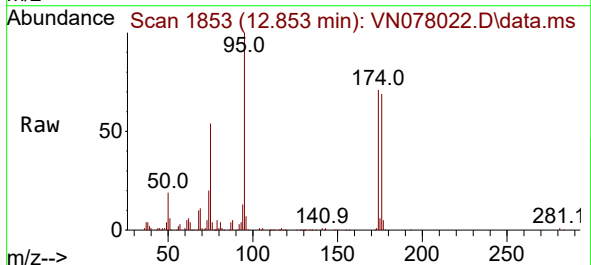
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

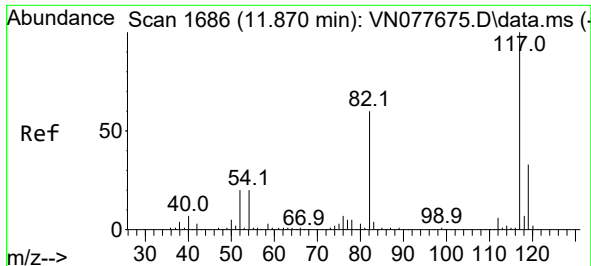
Tgt Ion:107 Resp: 88354
Ion Ratio Lower Upper
107 100
109 92.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.316 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 95 Resp: 252870
Ion Ratio Lower Upper
95 100
174 71.8 0.0 143.8
176 69.4 0.0 135.8

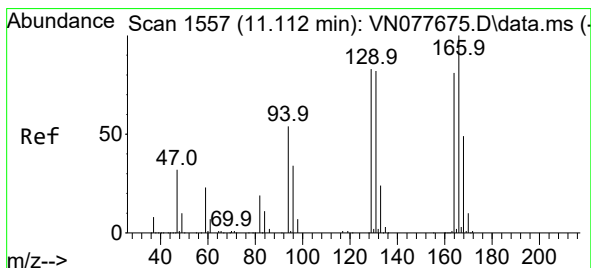
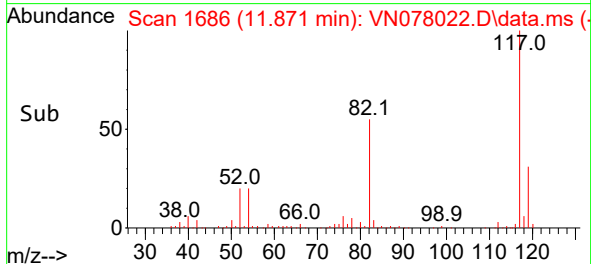
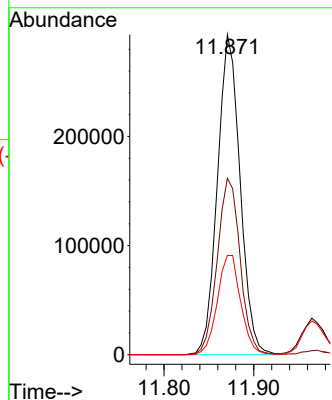
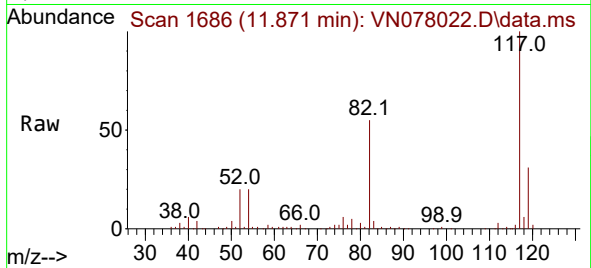




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

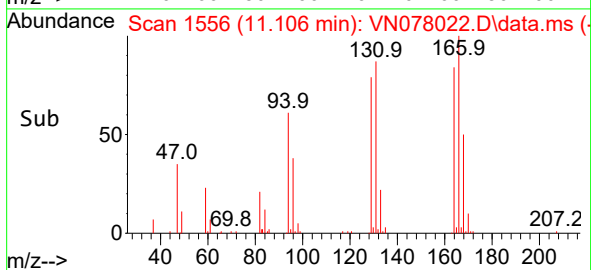
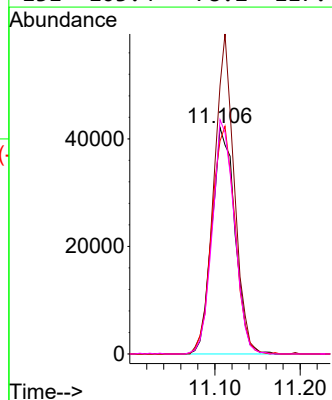
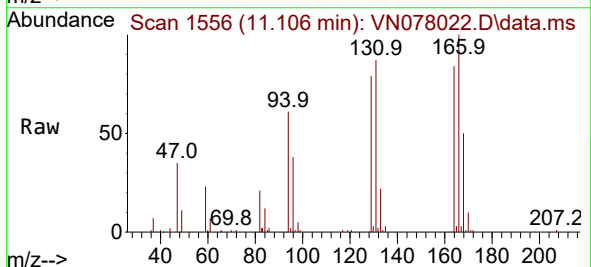
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

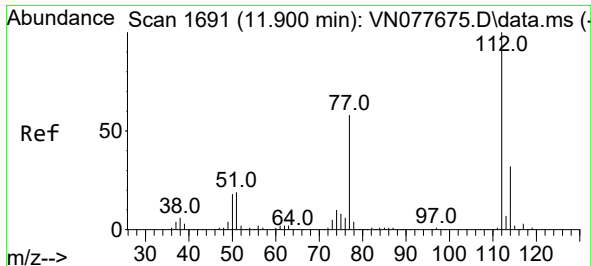
Tgt Ion:117 Resp: 514214
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 31.0 25.6 38.4



#64
Tetrachloroethene
Concen: 21.933 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion:164 Resp: 78873
Ion Ratio Lower Upper
164 100
166 118.5 101.4 152.0
129 94.0 82.4 123.6
131 103.4 78.2 117.4

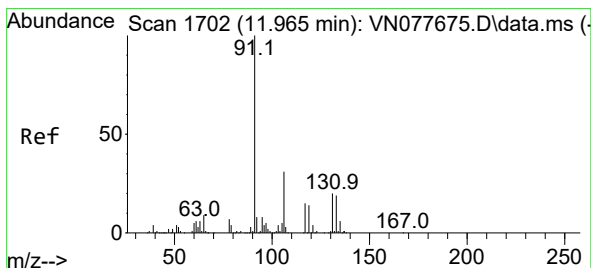
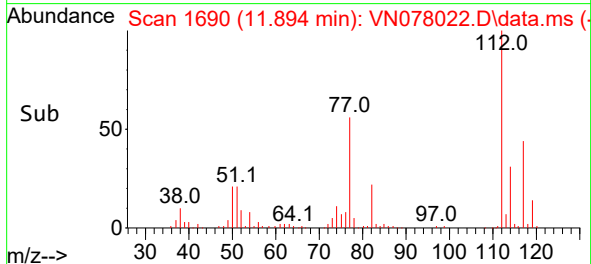
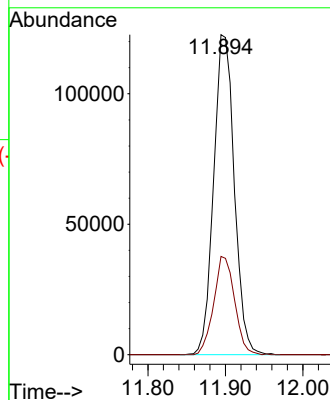
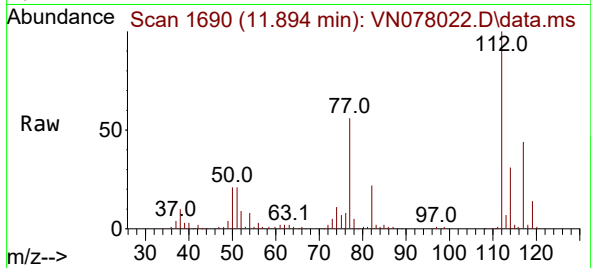




#65
Chlorobenzene
Concen: 20.349 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

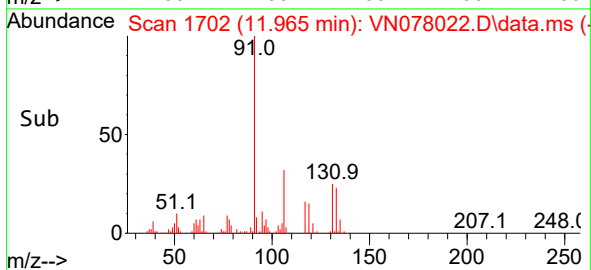
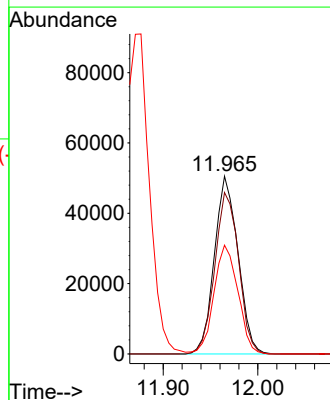
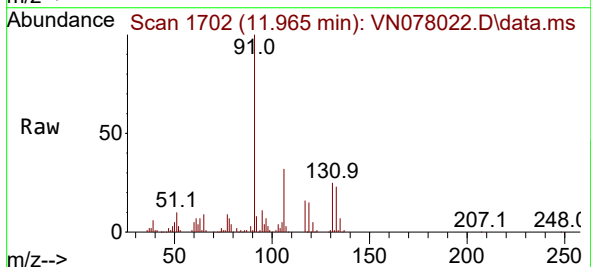
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

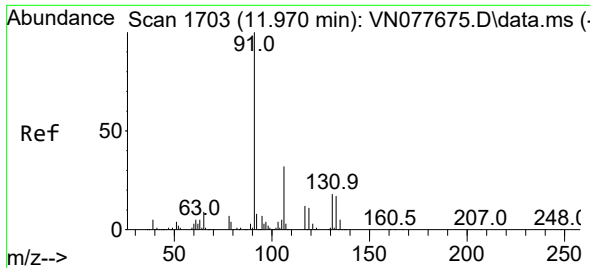
Tgt Ion:112 Resp: 226840
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.780 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion:131 Resp: 87866
Ion Ratio Lower Upper
131 100
133 91.6 46.4 139.1
119 62.2 34.1 102.2

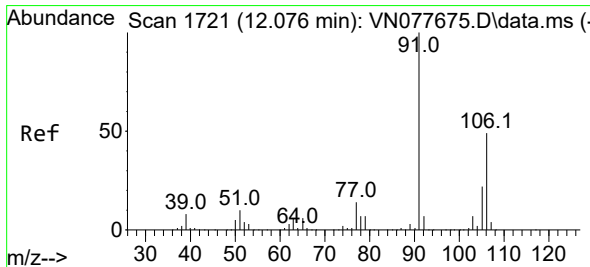
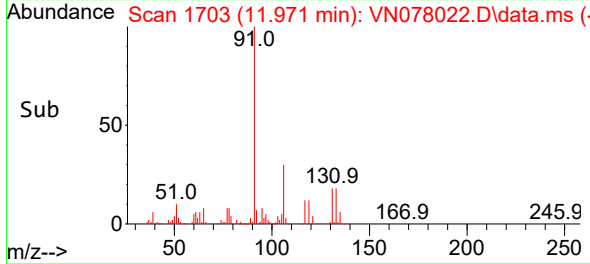
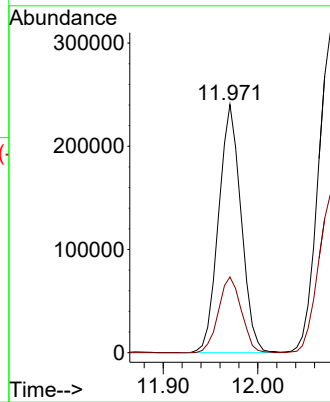
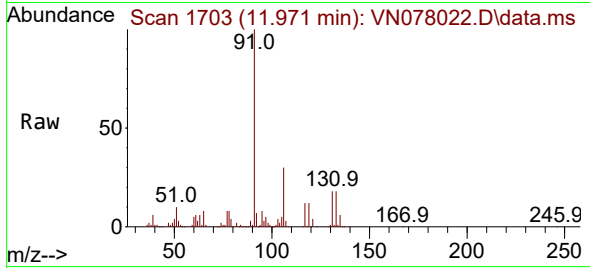




#67
Ethyl Benzene
Concen: 19.923 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

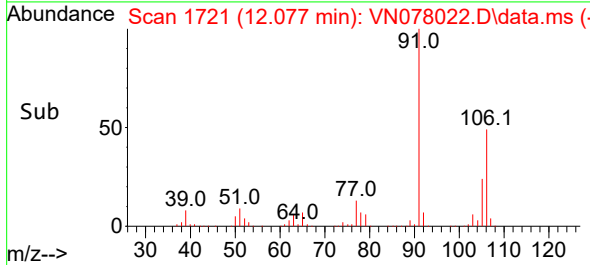
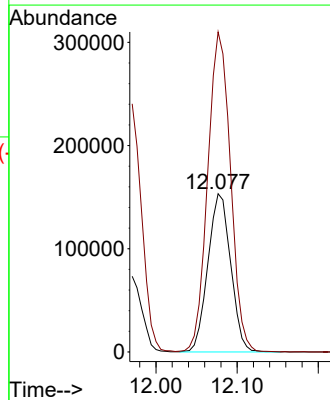
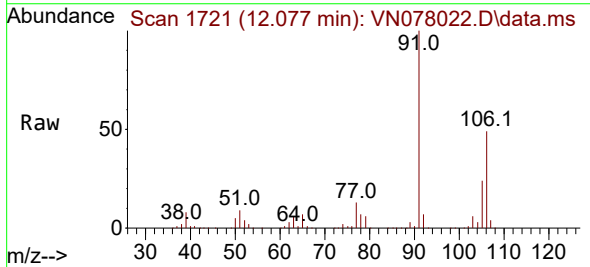
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

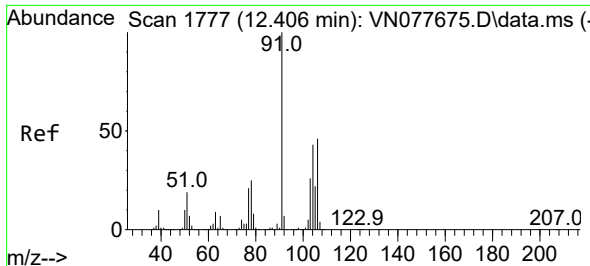
Tgt Ion: 91 Resp: 397999
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4



#68
m/p-Xylenes
Concen: 39.546 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion:106 Resp: 299341
Ion Ratio Lower Upper
106 100
91 202.3 159.6 239.4

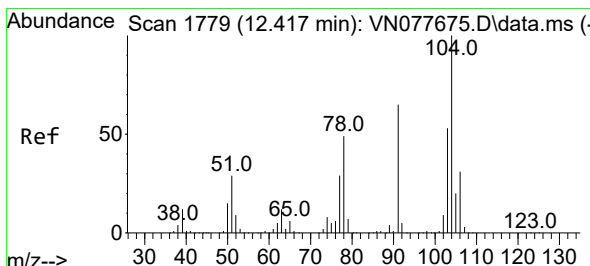
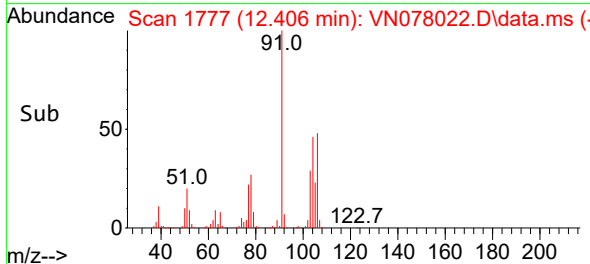
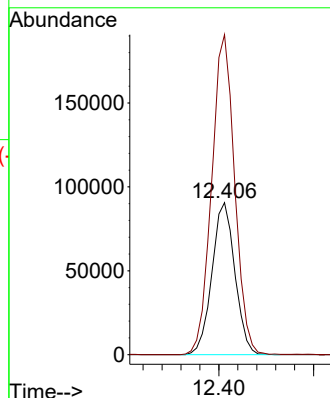
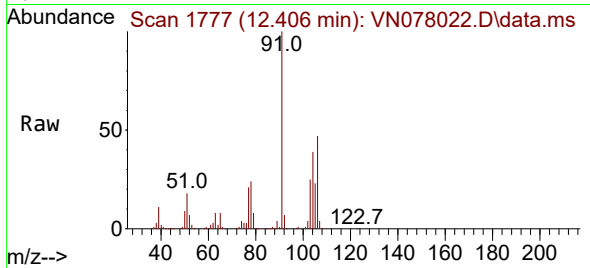




#69
o-Xylene
Concen: 20.448 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

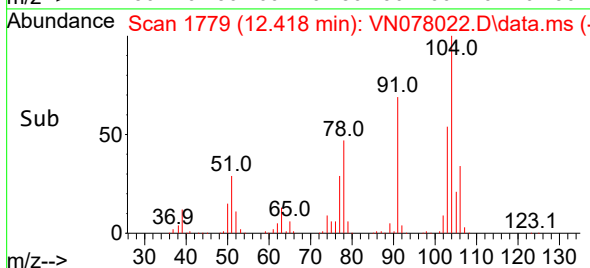
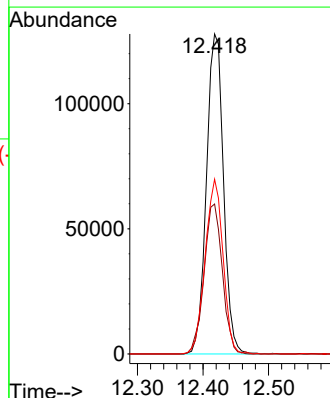
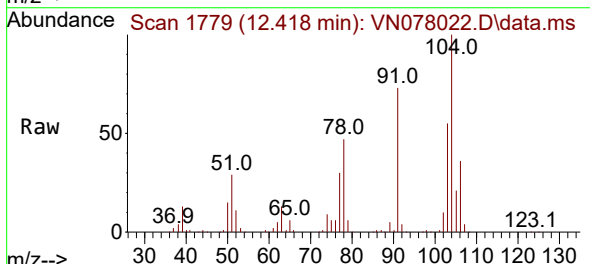
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

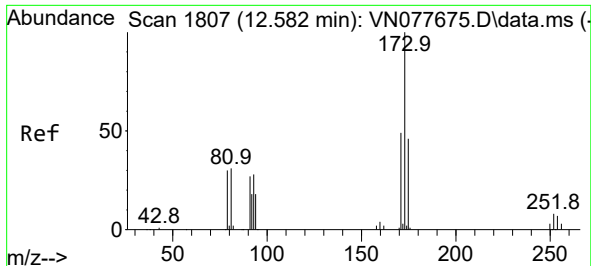
Tgt Ion:106 Resp: 152219
Ion Ratio Lower Upper
106 100
91 211.2 105.2 315.5



#70
Styrene
Concen: 19.570 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion:104 Resp: 231423
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 57.4 43.2 64.8

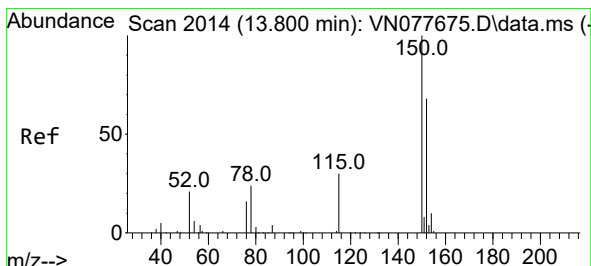
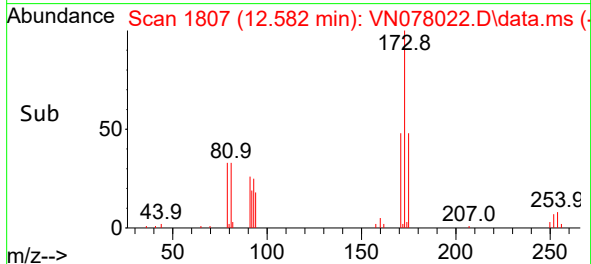
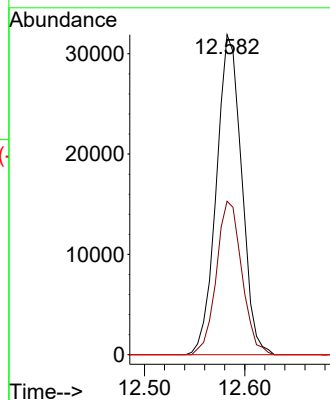
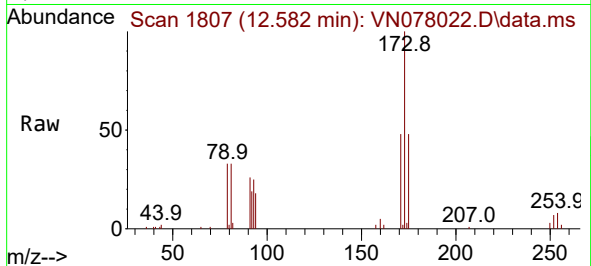




#71
Bromoform
Concen: 21.748 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

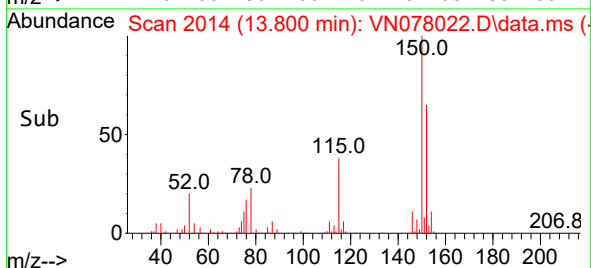
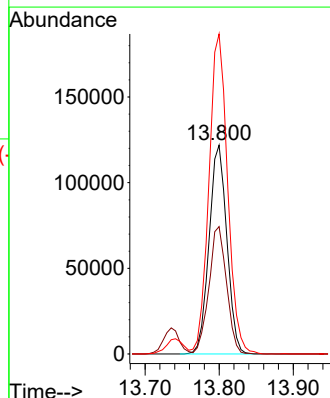
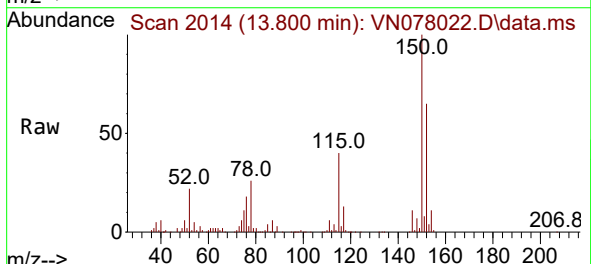
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

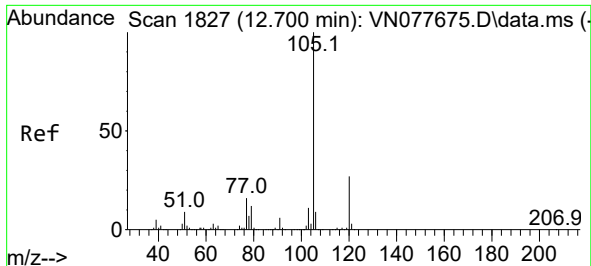
Tgt Ion:173 Resp: 55804
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion:152 Resp: 203020
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 161.0 0.0 355.8

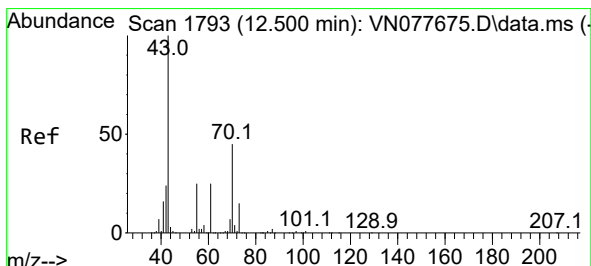
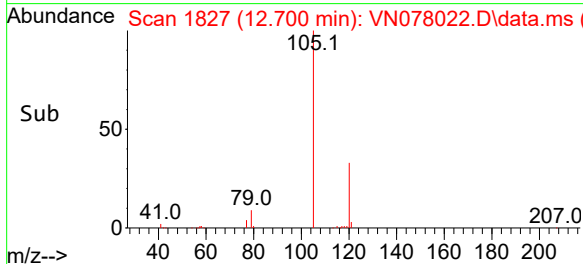
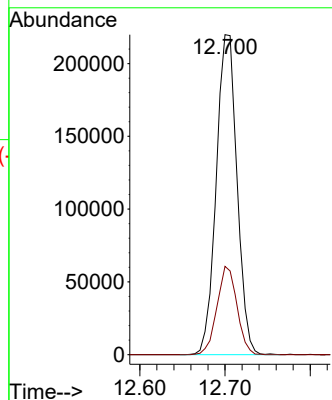
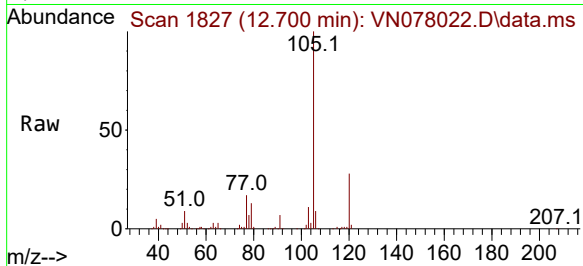




#73
Isopropylbenzene
Concen: 21.292 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

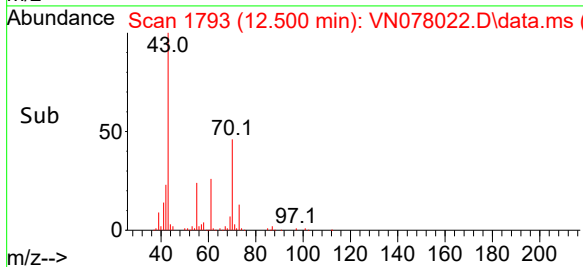
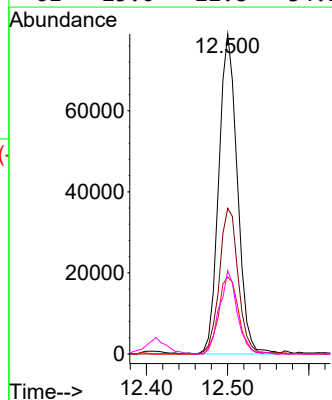
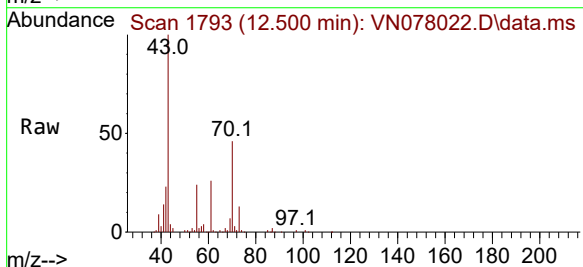
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

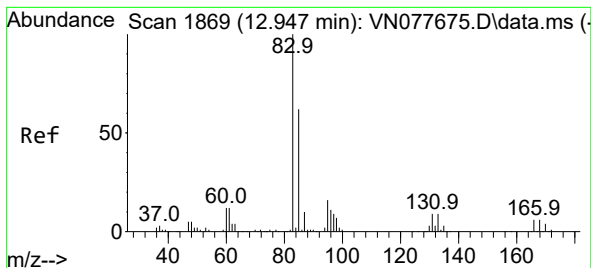
Tgt Ion:105 Resp: 372620
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1



#74
N-ethyl acetate
Concen: 19.455 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 43 Resp: 125846
Ion Ratio Lower Upper
43 100
70 46.2 43.4 65.2
55 25.9 21.4 32.0
61 25.0 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.603 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.006 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBSD01

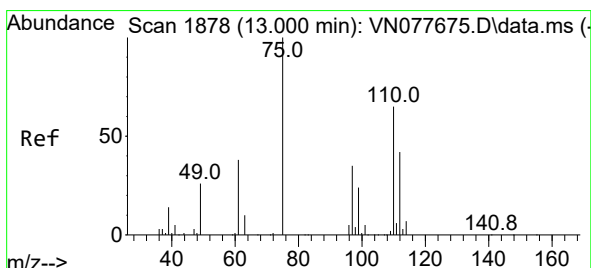
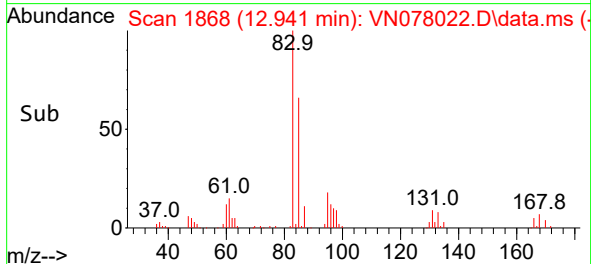
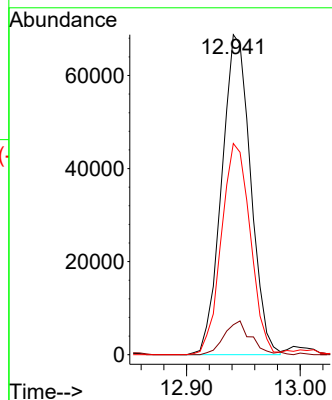
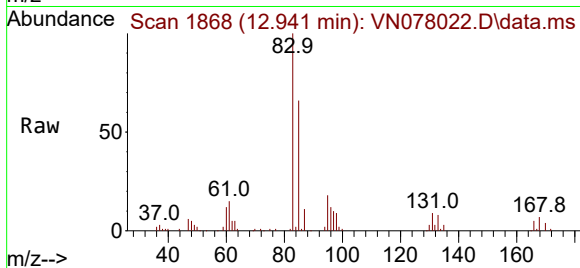
Tgt Ion: 83 Resp: 121687

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

85 66.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 28.569 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078022.D

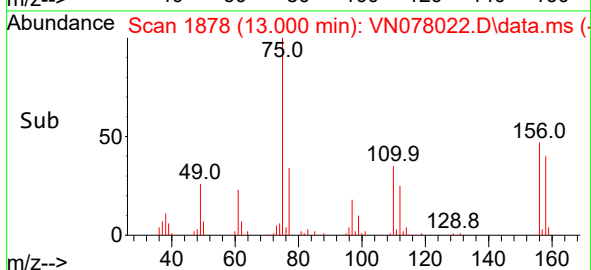
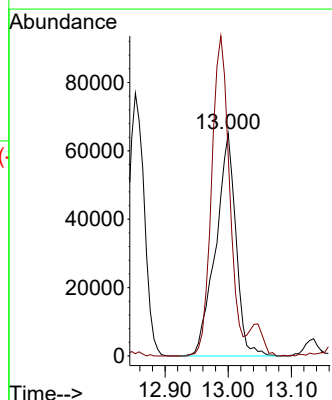
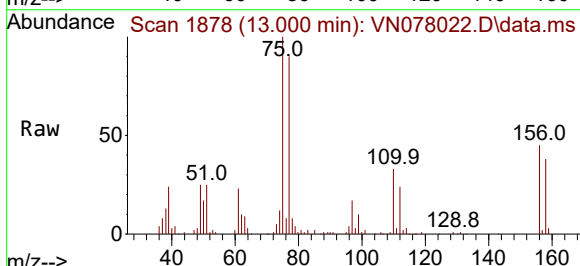
Acq: 02 Jun 2023 11:21

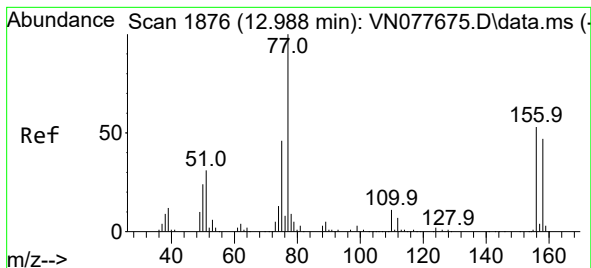
Tgt Ion: 75 Resp: 145257

Ion Ratio Lower Upper

75 100

77 125.7 84.5 253.5





#77

Bromobenzene

Concen: 21.515 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBSD01

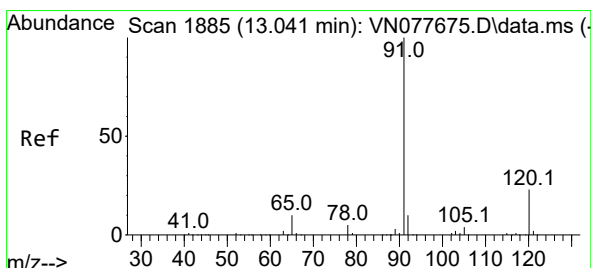
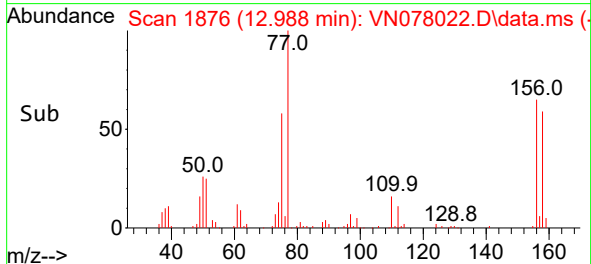
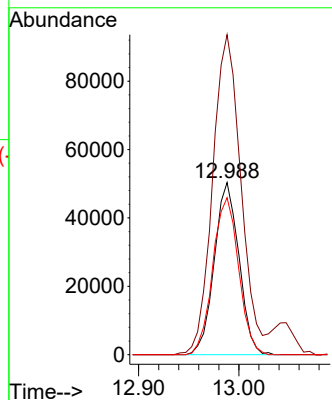
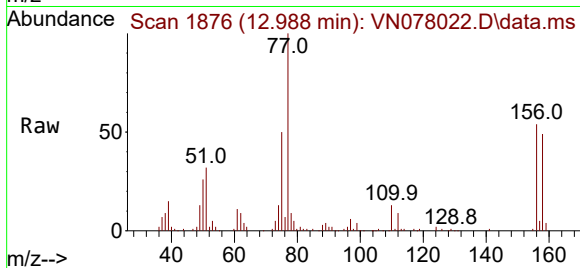
Tgt Ion:156 Resp: 85923

Ion Ratio Lower Upper

156 100

77 212.6 107.7 323.3

158 95.6 48.4 145.3



#78

n-propylbenzene

Concen: 19.867 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078022.D

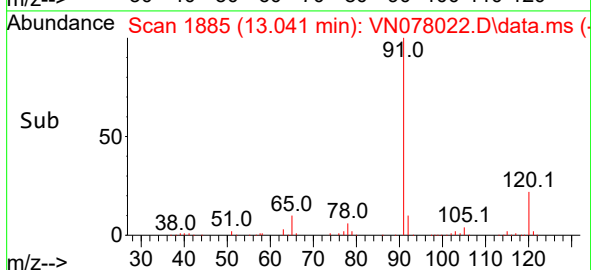
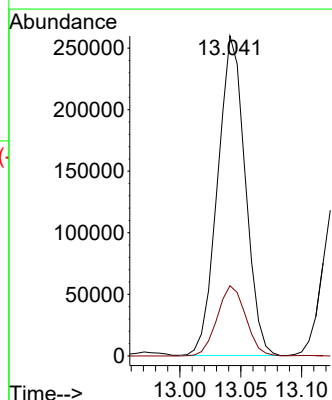
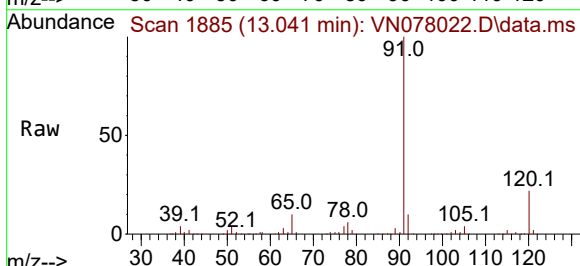
Acq: 02 Jun 2023 11:21

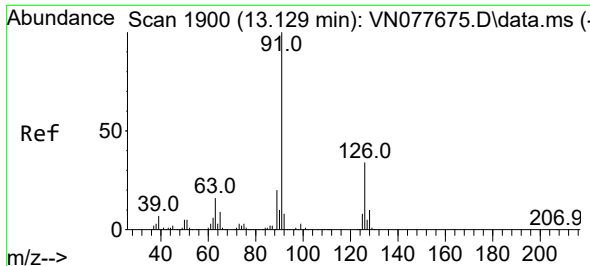
Tgt Ion: 91 Resp: 409885

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4

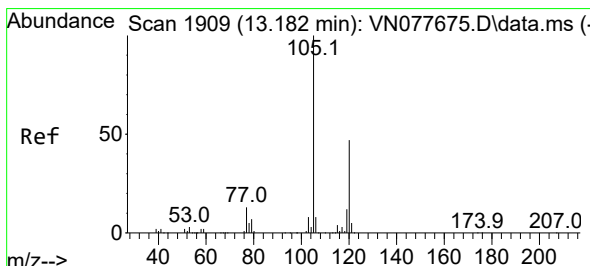
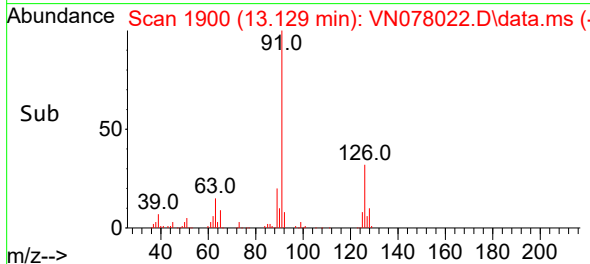
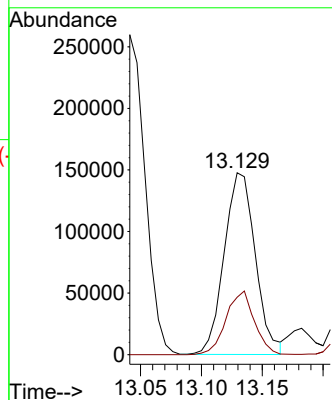
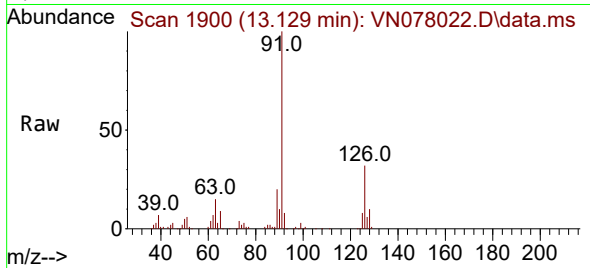




#79
2-Chlorotoluene
Concen: 21.337 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

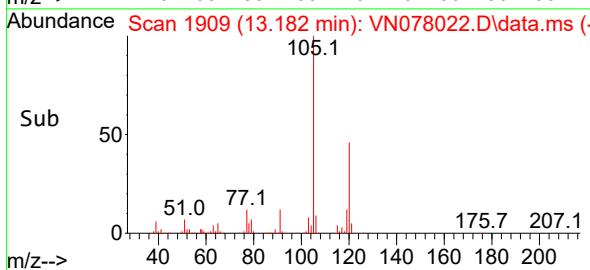
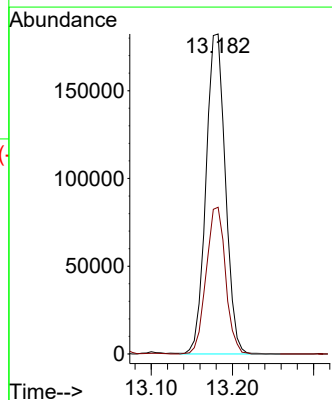
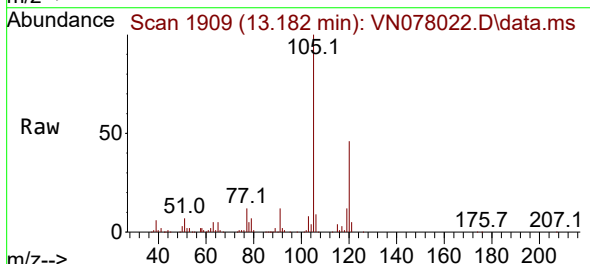
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

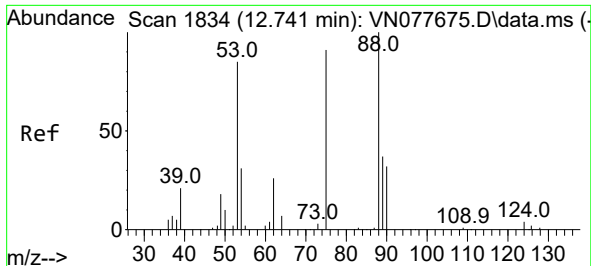
Tgt Ion: 91 Resp: 262691
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.536 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 105 Resp: 302058
Ion Ratio Lower Upper
105 100
120 45.8 24.1 72.3

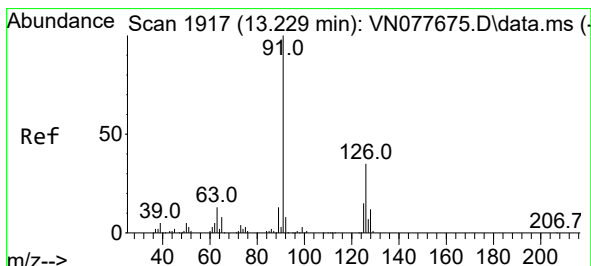
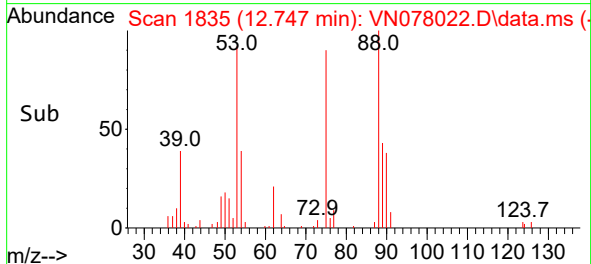
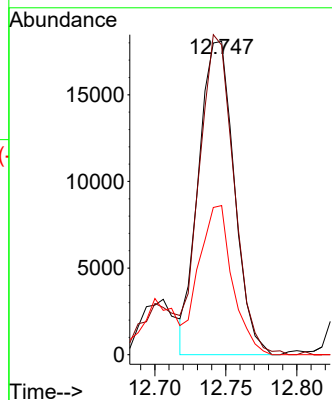
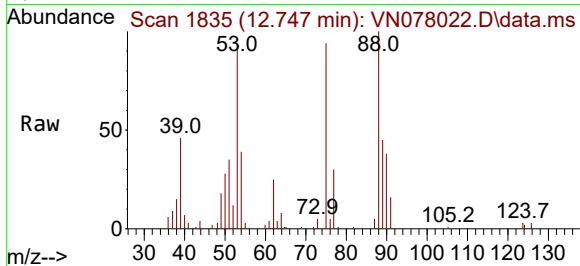




#81
trans-1,4-Dichloro-2-butene
Concen: 19.774 ug/l
RT: 12.747 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

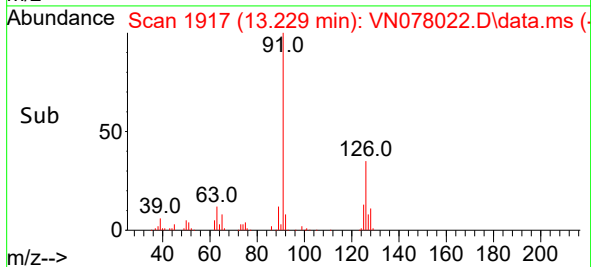
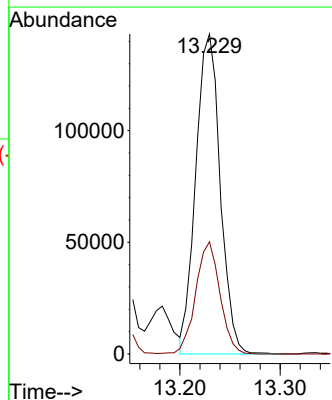
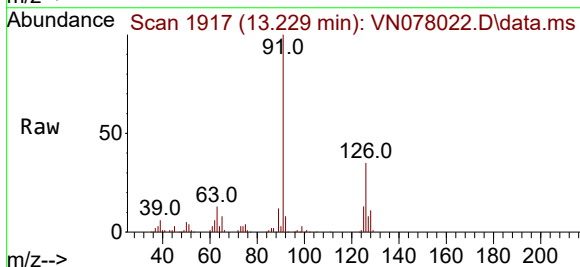
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

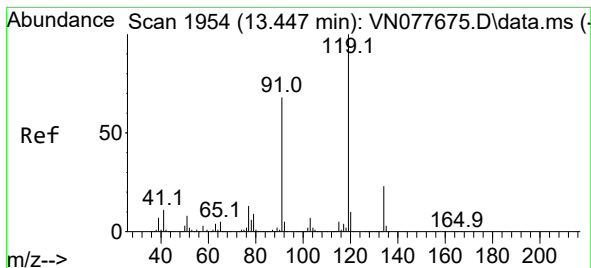
Tgt Ion: 75 Resp: 31452
Ion Ratio Lower Upper
75 100
53 99.0 67.4 101.2
89 45.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.843 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion: 91 Resp: 243070
Ion Ratio Lower Upper
91 100
126 34.8 16.7 50.0

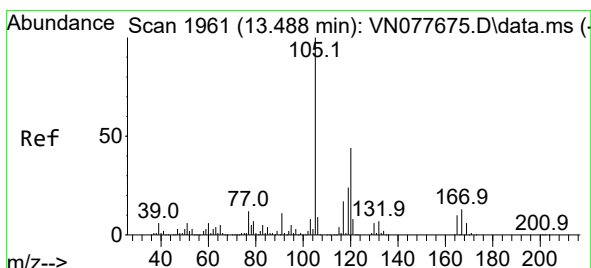
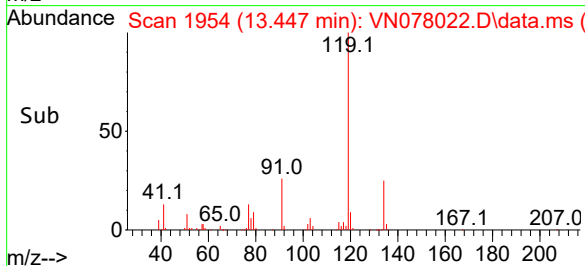
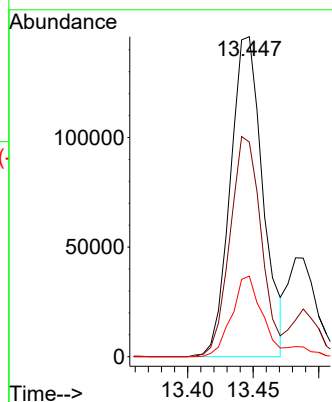
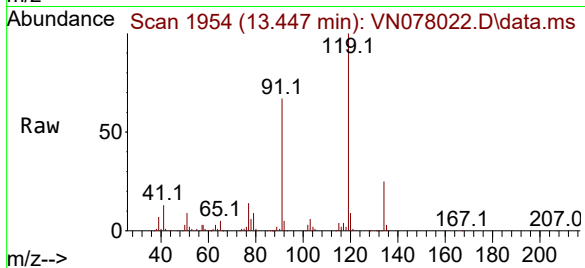




#83
tert-Butylbenzene
Concen: 19.679 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

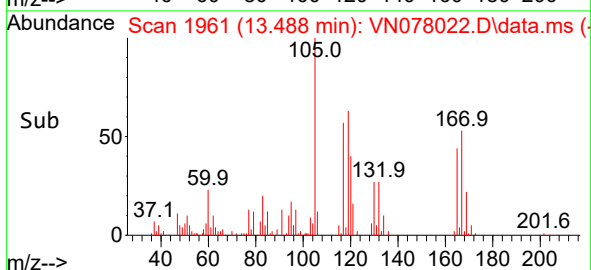
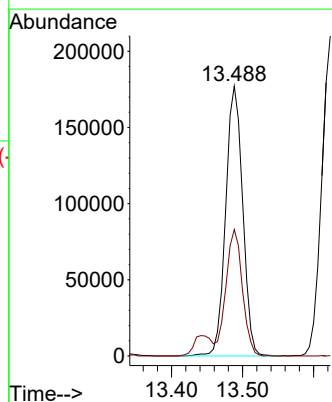
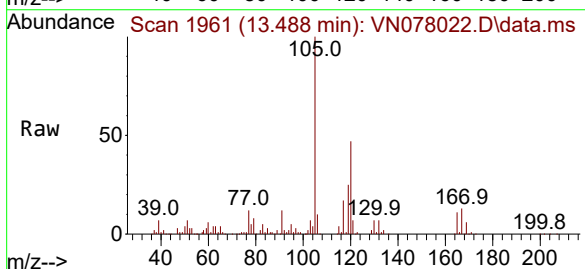
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

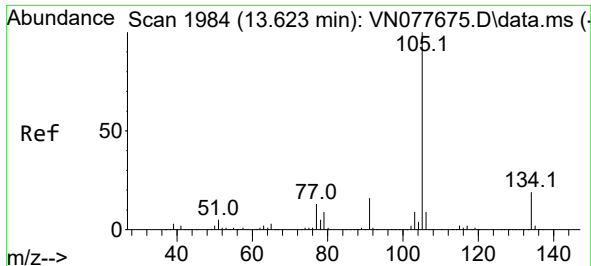
Tgt Ion:119 Resp: 252686
Ion Ratio Lower Upper
119 100
91 66.2 33.9 101.7
134 25.8 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 20.330 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion:105 Resp: 294082
Ion Ratio Lower Upper
105 100
120 45.6 22.0 66.0

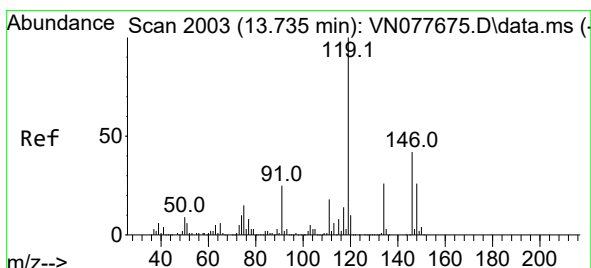
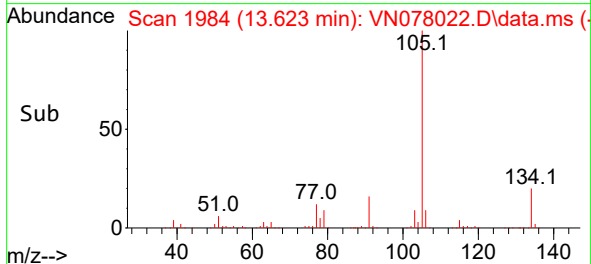
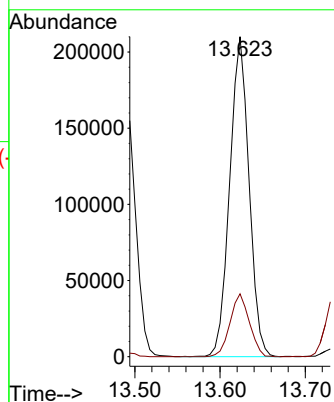
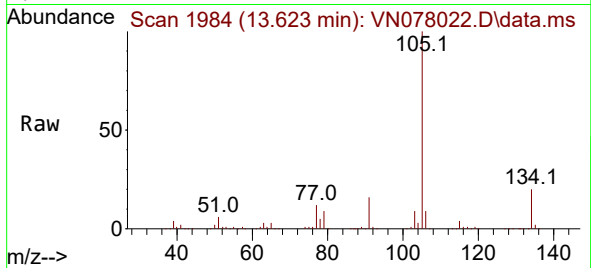




#85
 sec-Butylbenzene
 Concen: 18.126 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078022.D
 Acq: 02 Jun 2023 11:21

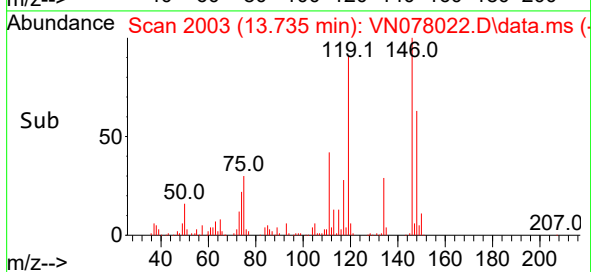
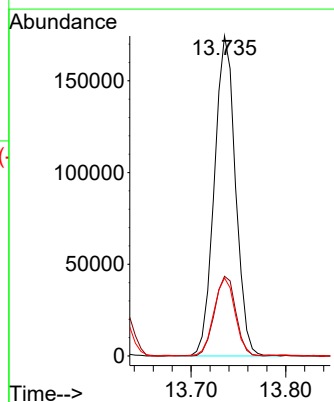
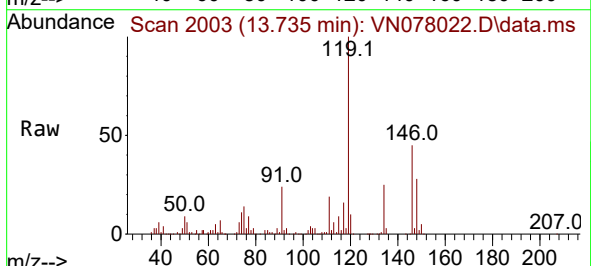
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602WBSD01

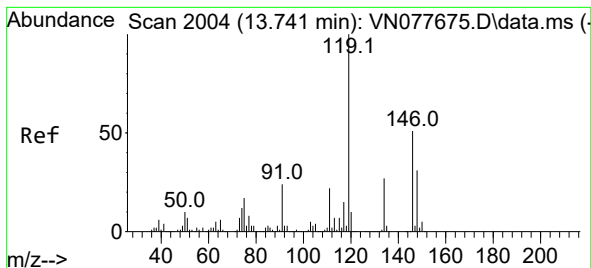
Tgt Ion:105 Resp: 330771
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.603 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078022.D
 Acq: 02 Jun 2023 11:21

Tgt Ion:119 Resp: 270637
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 24.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.350 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBSD01

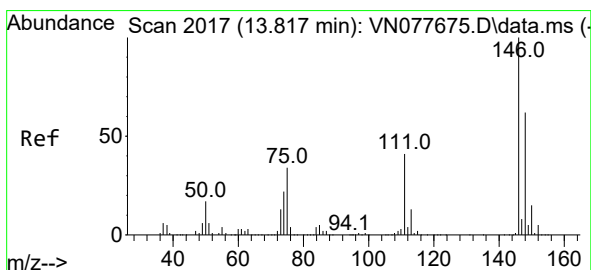
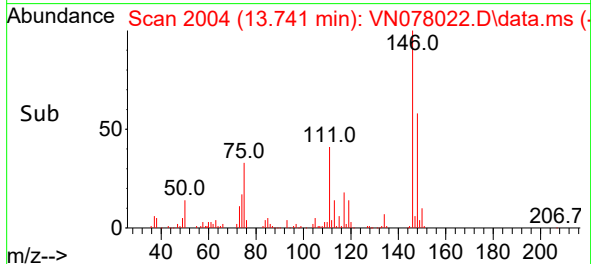
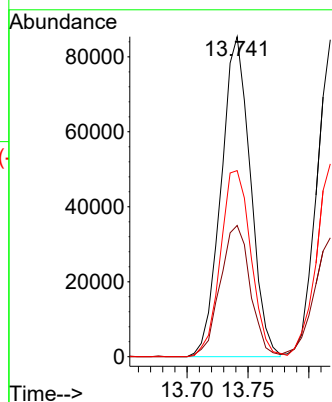
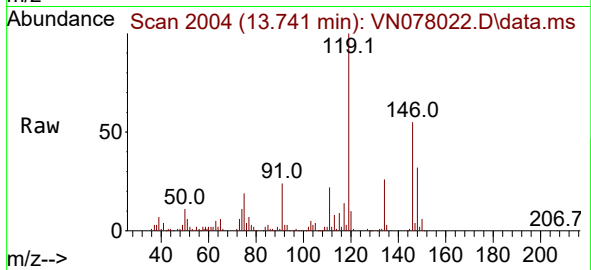
Tgt Ion:146 Resp: 142914

Ion Ratio Lower Upper

146 100

111 42.2 22.1 66.3

148 60.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.161 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.001 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

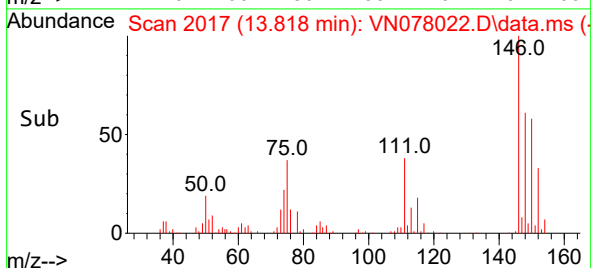
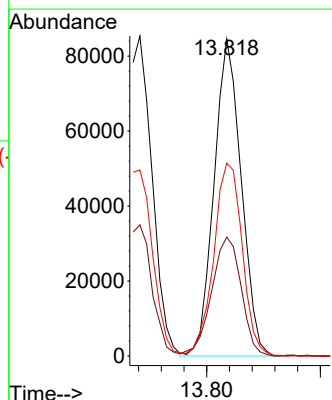
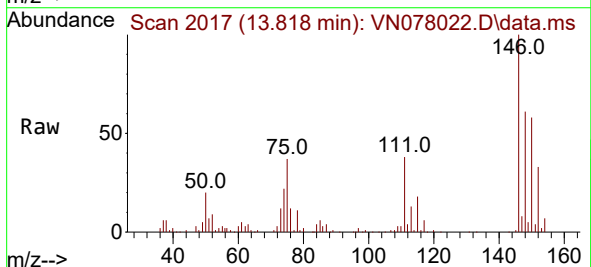
Tgt Ion:146 Resp: 140431

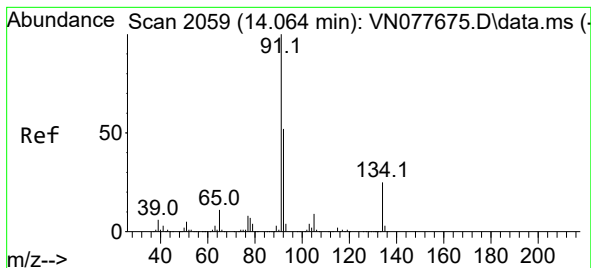
Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.8

148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 15.072 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBSD01

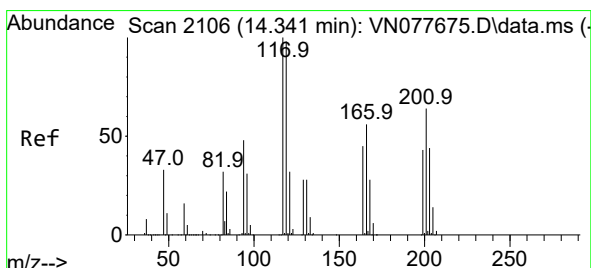
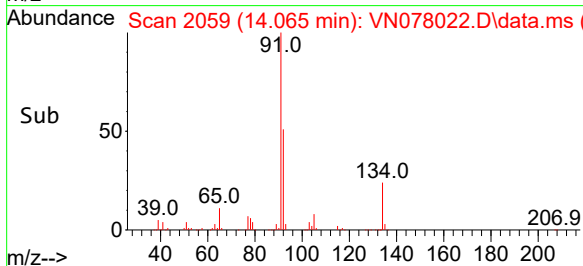
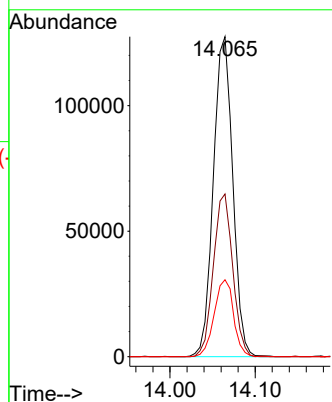
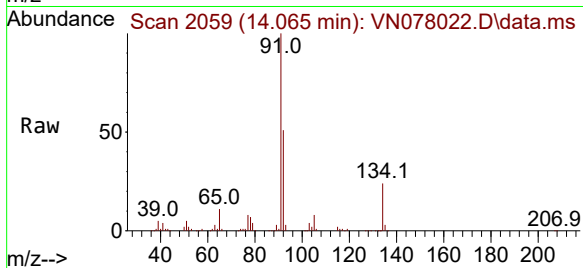
Tgt Ion: 91 Resp: 201686

Ion Ratio Lower Upper

91 100

92 50.7 26.4 79.0

134 24.1 12.6 37.6



#90

Hexachloroethane

Concen: 19.732 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.000 min

Lab File: VN078022.D

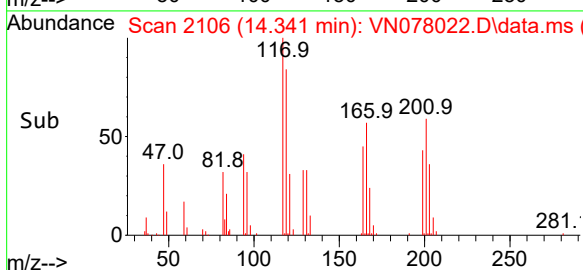
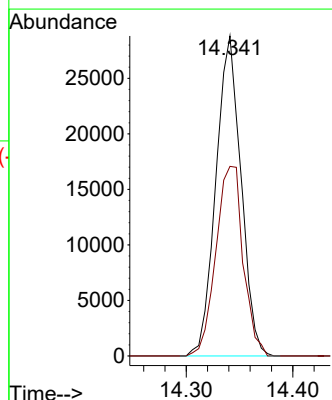
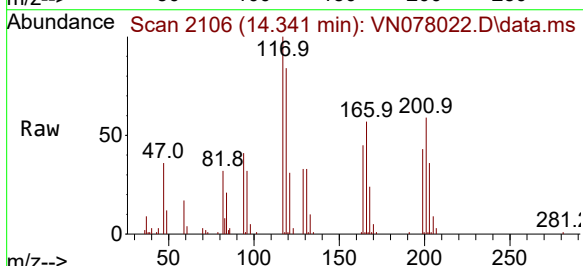
Acq: 02 Jun 2023 11:21

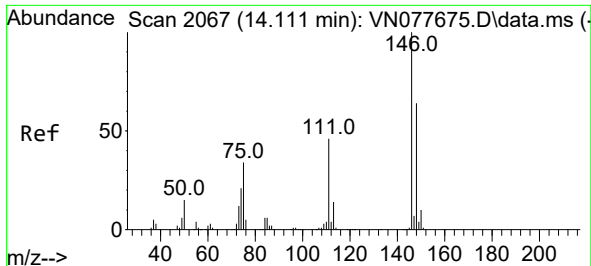
Tgt Ion: 117 Resp: 47159

Ion Ratio Lower Upper

117 100

201 64.4 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 20.718 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBSD01

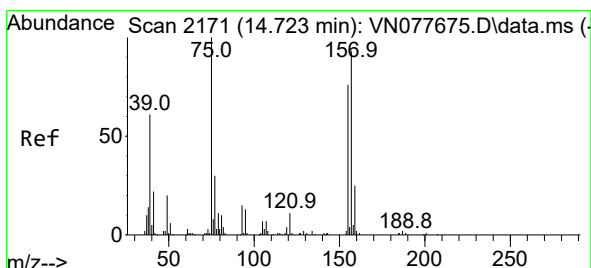
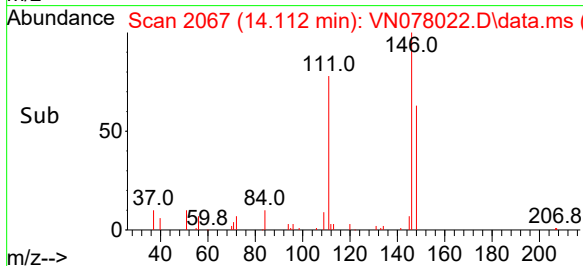
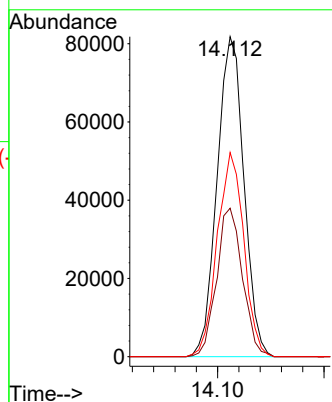
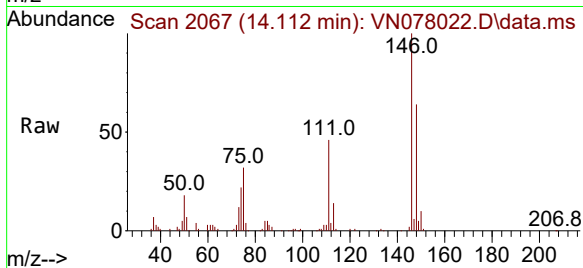
Tgt Ion:146 Resp: 142953

Ion Ratio Lower Upper

146 100

111 44.7 22.0 66.0

148 63.1 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.588 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

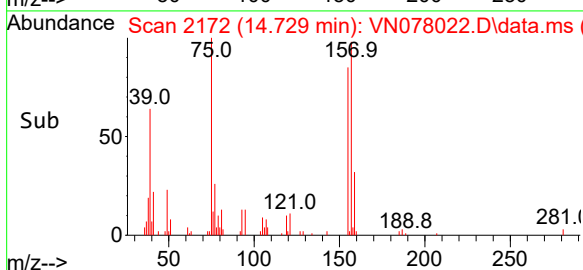
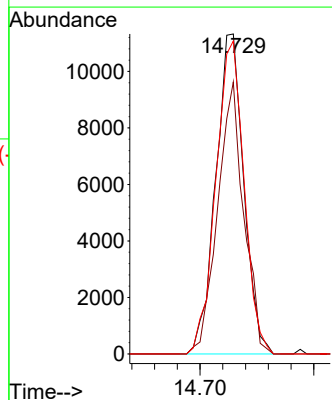
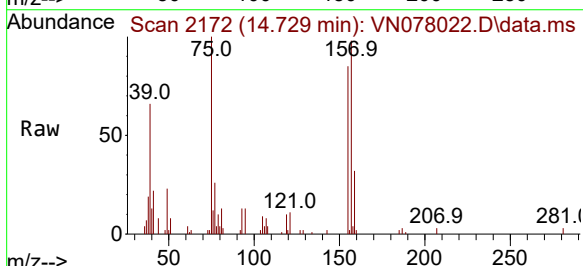
Tgt Ion: 75 Resp: 19375

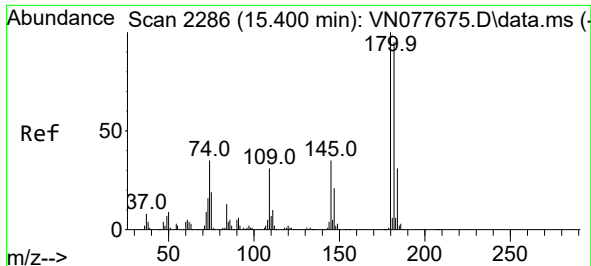
Ion Ratio Lower Upper

75 100

155 79.5 39.1 117.2

157 98.6 50.3 150.9

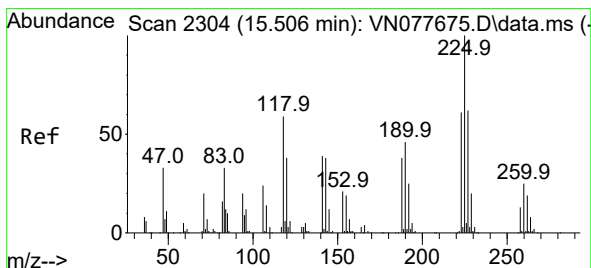
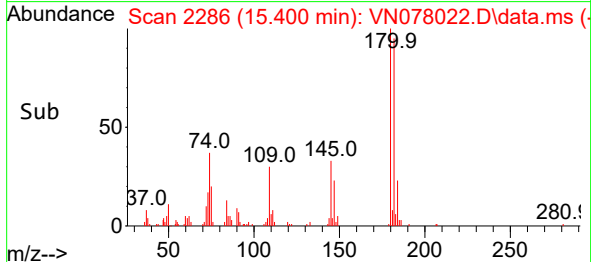
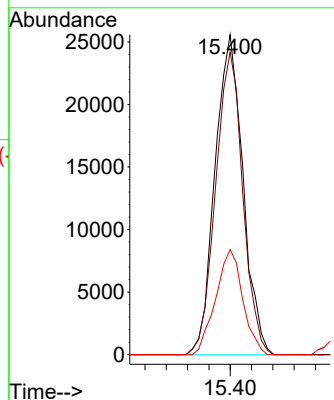
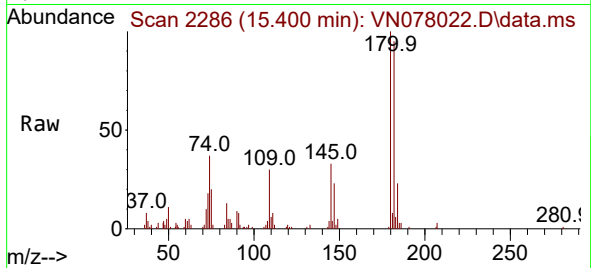




#93
1,2,4-Trichlorobenzene
Concen: 11.529 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

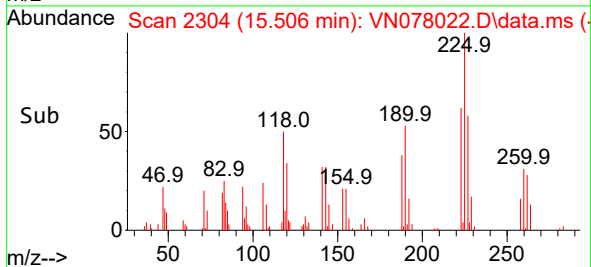
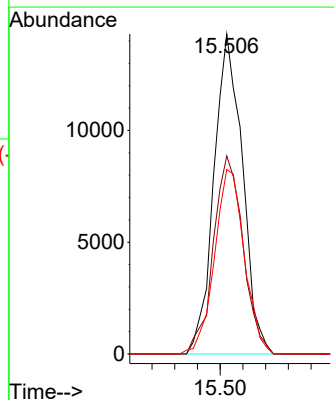
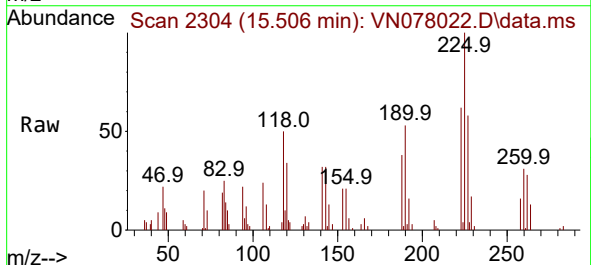
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBSD01

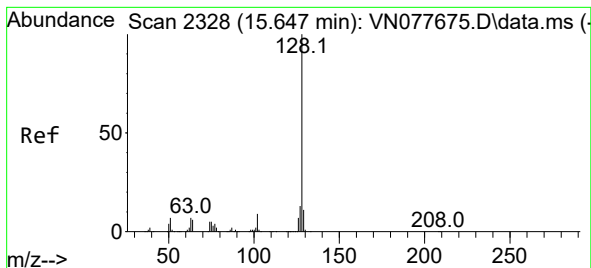
Tgt Ion:180 Resp: 46487
Ion Ratio Lower Upper
180 100
182 92.0 46.1 138.2
145 31.9 16.6 49.8



#94
Hexachlorobutadiene
Concen: 14.876 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078022.D
Acq: 02 Jun 2023 11:21

Tgt Ion:225 Resp: 24904
Ion Ratio Lower Upper
225 100
223 64.4 31.3 93.8
227 60.2 31.9 95.9





#95

Naphthalene

Concen: 10.667 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBSD01

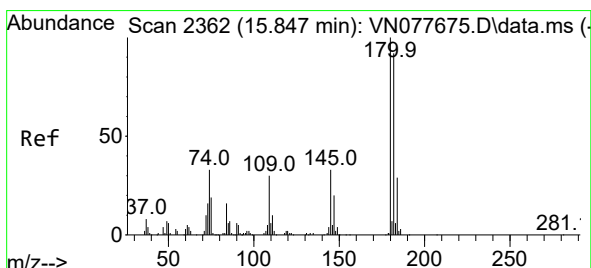
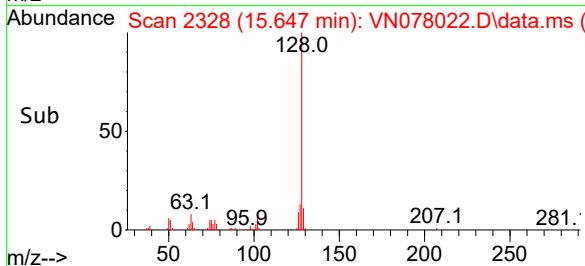
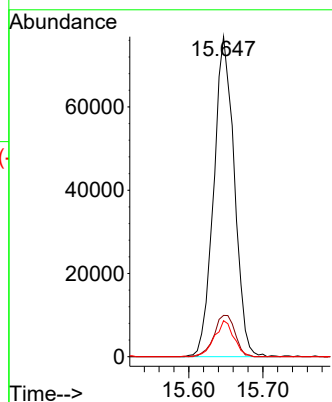
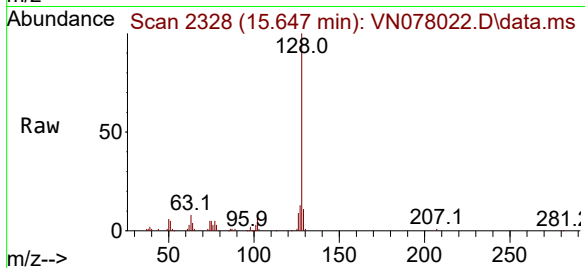
Tgt Ion:128 Resp: 148046

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 13.633 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078022.D

Acq: 02 Jun 2023 11:21

Tgt Ion:180 Resp: 53819

Ion Ratio Lower Upper

180 100

182 93.3 46.2 138.6

145 31.8 17.5 52.6

