

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060123\
 Data File : VN078011.D
 Acq On : 01 Jun 2023 15:37
 Operator : JC\MD
 Sample : VN0601MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601MBS01

Quant Time: Jun 02 01:51:57 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	8.230	168	344202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	617089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	538742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	215944	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	271625	52.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.480%	
35) Dibromofluoromethane	8.177	113	223440	55.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.060%	
50) Toluene-d8	10.576	98	814004	52.555	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.120%	
62) 4-Bromofluorobenzene	12.853	95	270083	49.373	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	65506	16.722	ug/l	99
3) Chloromethane	2.371	50	74984	16.867	ug/l	97
4) Vinyl Chloride	2.518	62	92977	18.826	ug/l	97
5) Bromomethane	2.959	94	79035	21.638	ug/l	99
6) Chloroethane	3.124	64	71386	20.056	ug/l	95
7) Trichlorofluoromethane	3.500	101	137214	19.936	ug/l	96
8) Diethyl Ether	3.971	74	53245	21.190	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	76965	20.206	ug/l	97
10) Methyl Iodide	4.600	142	98310	21.642	ug/l	94
11) Tert butyl alcohol	5.530	59	78928	111.046	ug/l	99
12) 1,1-Dichloroethene	4.347	96	75939	20.976	ug/l	88
13) Acrolein	4.189	56	34794	56.442	ug/l	85
14) Allyl chloride	5.030	41	98416	18.505	ug/l	91
15) Acrylonitrile	5.724	53	199481	105.051	ug/l	95
16) Acetone	4.442	43	179281	110.647	ug/l	97
17) Carbon Disulfide	4.718	76	167602	17.182	ug/l	96
18) Methyl Acetate	5.036	43	147488	21.698	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	279023	21.293	ug/l	93
20) Methylene Chloride	5.289	84	93735	21.083	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	81231	19.975	ug/l	89
22) Diisopropyl ether	6.683	45	262787	21.081	ug/l #	94
23) Vinyl Acetate	6.612	43	779843	100.970	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	160032	20.955	ug/l	97
25) 2-Butanone	7.494	43	268449	105.912	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	135446	20.876	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	103376	21.201	ug/l	92
28) Bromochloromethane	7.818	49	71657	21.695	ug/l	90
29) Tetrahydrofuran	7.847	42	169094	101.884	ug/l	84
30) Chloroform	7.971	83	180390	21.472	ug/l	95
31) Cyclohexane	8.265	56	131637	18.806	ug/l	86
32) 1,1,1-Trichloroethane	8.183	97	151335	21.188	ug/l	99
36) 1,1-Dichloropropene	8.377	75	121070	20.570	ug/l	97
37) Ethyl Acetate	7.571	43	108071	20.601	ug/l	95
38) Carbon Tetrachloride	8.371	117	131670	22.154	ug/l	99
39) Methylcyclohexane	9.606	83	136333	18.921	ug/l	93
40) Benzene	8.612	78	369720	21.287	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	56548	20.241	ug/l	94
42) 1,2-Dichloroethane	8.677	62	141860	22.485	ug/l	96
43) Isopropyl Acetate	8.694	43	182412	21.288	ug/l	97
44) Trichloroethene	9.359	130	97824	22.244	ug/l	91
45) 1,2-Dichloropropane	9.629	63	98387	22.208	ug/l	95
46) Dibromomethane	9.718	93	70710	22.305	ug/l	95
47) Bromodichloromethane	9.894	83	140531	23.155	ug/l	94
48) Methyl methacrylate	9.688	41	86009	21.171	ug/l	89
49) 1,4-Dioxane	9.700	88	38591	502.935	ug/l	91
51) 4-Methyl-2-Pentanone	10.453	43	567727	111.464	ug/l	92
52) Toluene	10.635	92	240209	22.215	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	140315	21.832	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	153215	21.632	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	102102	23.782	ug/l	96
56) Ethyl methacrylate	10.882	69	140644	21.666	ug/l	91
57) 1,3-Dichloropropane	11.171	76	166120	22.570	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	227948	71.378	ug/l	92
59) 2-Hexanone	11.206	43	388649	103.162	ug/l	92
60) Dibromochloromethane	11.365	129	103126	23.268	ug/l	100
61) 1,2-Dibromoethane	11.476	107	102072	23.831	ug/l	97
64) Tetrachloroethene	11.112	164	91714	24.343	ug/l	89
65) Chlorobenzene	11.900	112	259253	22.198	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.970	131	96551	23.892	ug/l	98
67) Ethyl Benzene	11.970	91	458057	21.885	ug/l	97
68) m/p-Xylenes	12.076	106	345350	43.547	ug/l	99
69) o-Xylene	12.406	106	172360	22.100	ug/l	98
70) Styrene	12.418	104	265921	21.463	ug/l	97
71) Bromoform	12.582	173	65763	24.462	ug/l #	98
73) Isopropylbenzene	12.700	105	444530	23.881	ug/l	100
74) N-amyl acetate	12.500	43	141939	20.629	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.947	83	139128	24.295	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	163066	30.153	ug/l	72
77) Bromobenzene	12.988	156	96726	22.770	ug/l	97
78) n-propylbenzene	13.041	91	490842	22.367	ug/l	99
79) 2-Chlorotoluene	13.129	91	304107	23.223	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	370083	23.655	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	35779	21.148	ug/l	91
82) 4-Chlorotoluene	13.229	91	285602	21.920	ug/l	99
83) tert-Butylbenzene	13.447	119	313679	22.967	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	360228	23.412	ug/l	98
85) sec-Butylbenzene	13.623	105	430306	22.169	ug/l	99
86) p-Isopropyltoluene	13.735	119	354023	22.878	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	168050	21.392	ug/l	99
88) 1,4-Dichlorobenzene	13.823	146	161716	20.744	ug/l	98
89) n-Butylbenzene	14.064	91	276947	19.458	ug/l	98
90) Hexachloroethane	14.341	117	59907	23.566	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	172131	23.454	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	22339	20.149	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	62653	14.609	ug/l	99
94) Hexachlorobutadiene	15.506	225	34828	19.559	ug/l	93
95) Naphthalene	15.647	128	189044	12.806	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	69028	16.439	ug/l	97

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QLast Update : Tue May 16 04:07:42 2023
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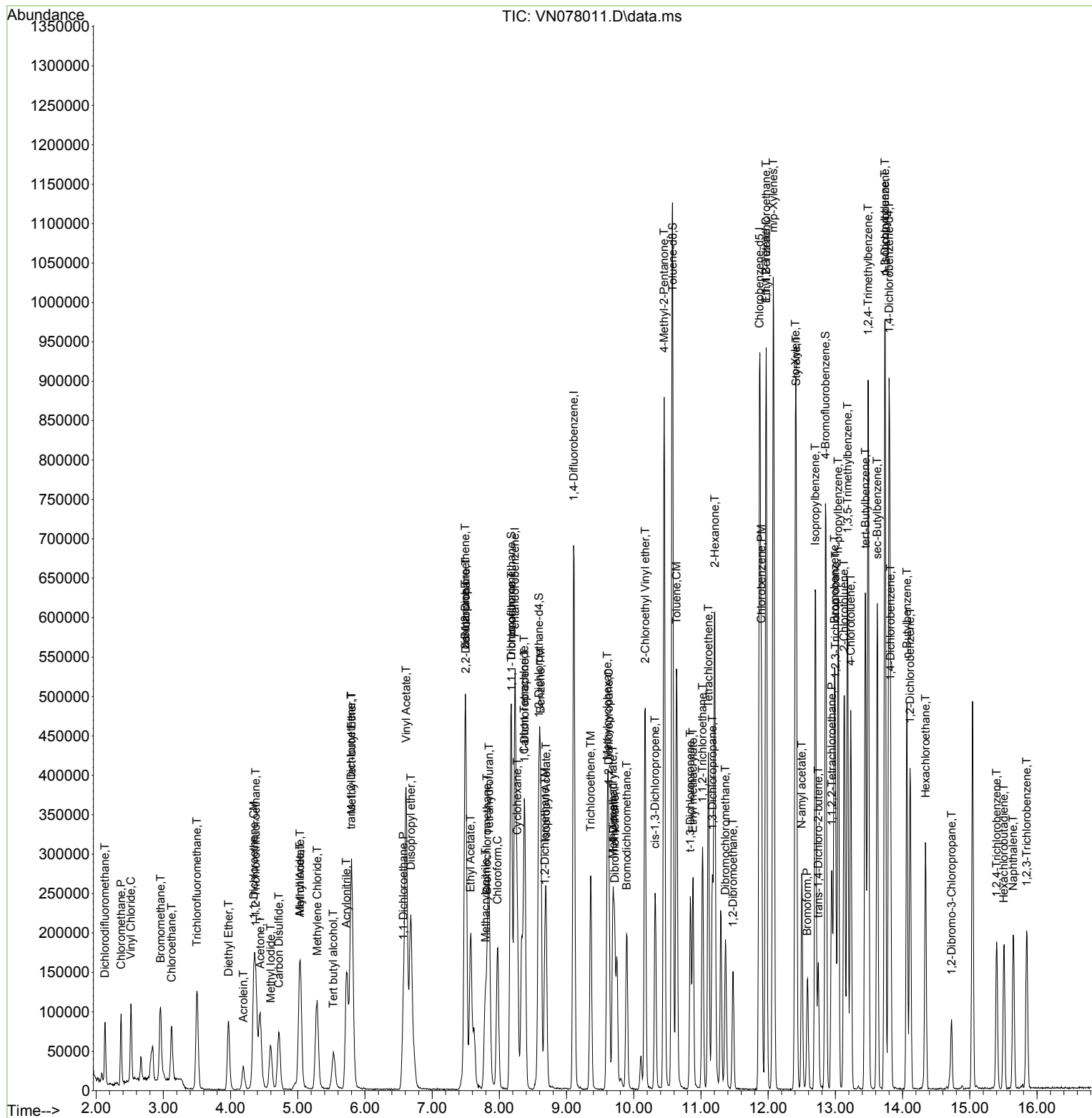
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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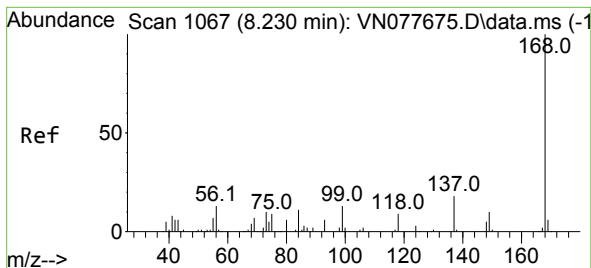
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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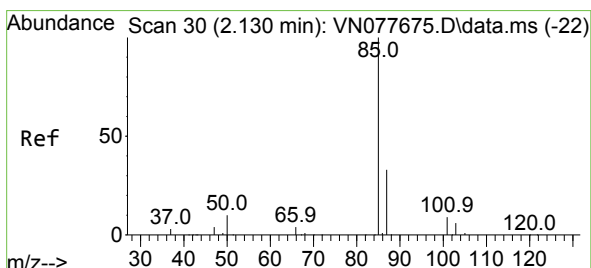
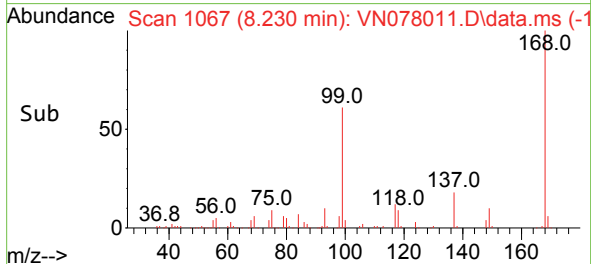
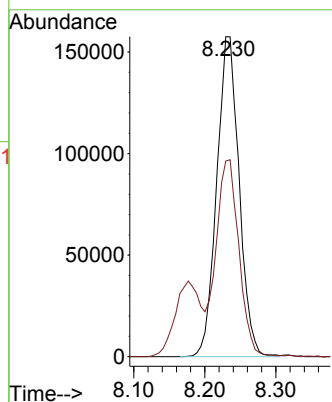
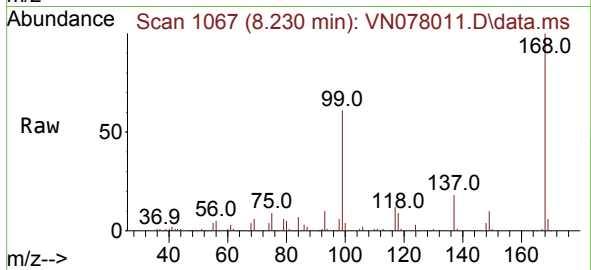




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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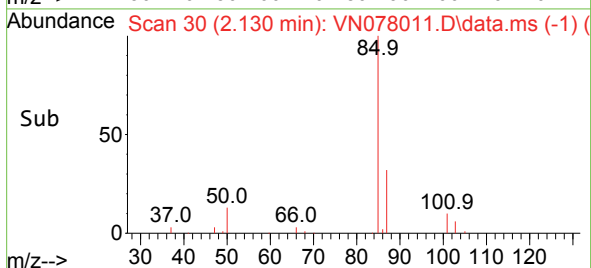
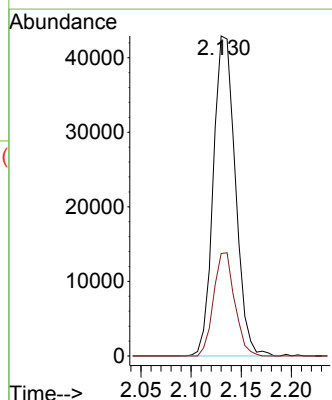
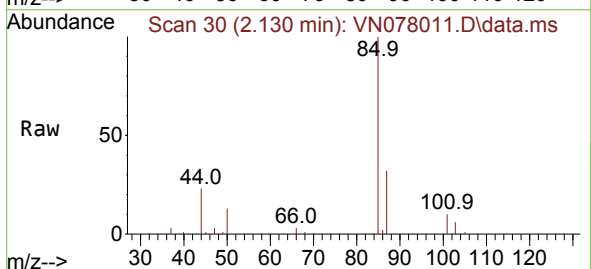
Instrument :
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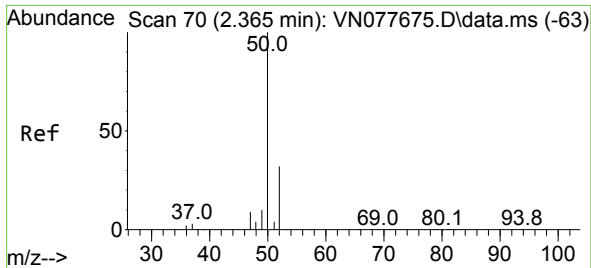
Tgt Ion:168 Resp: 344202
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 16.722 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 85 Resp: 65506
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4

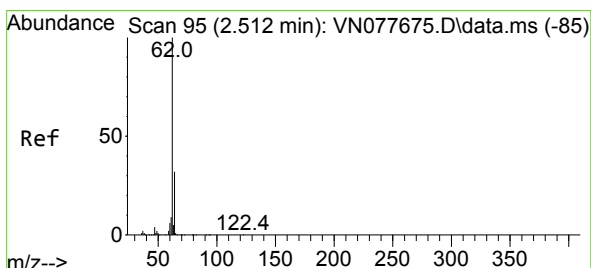
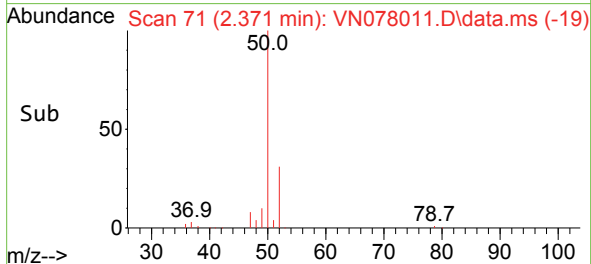
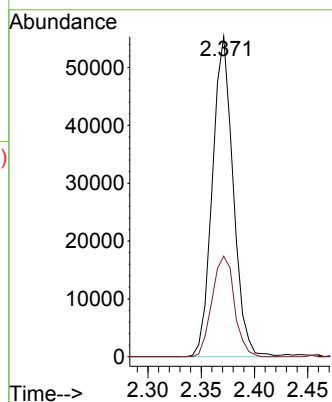
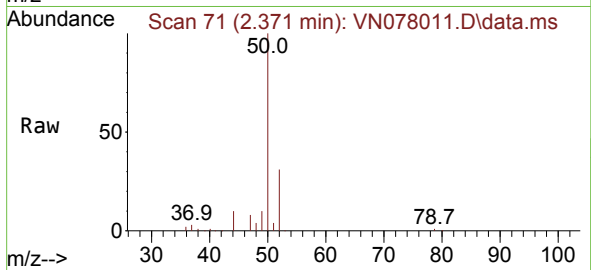




#3
Chloromethane
Concen: 16.867 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

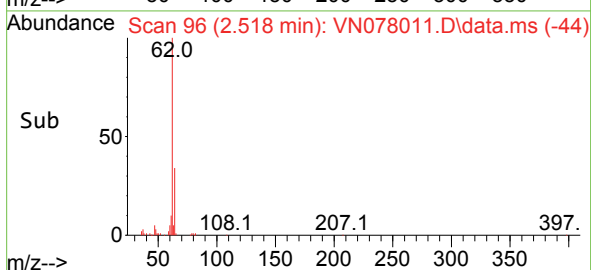
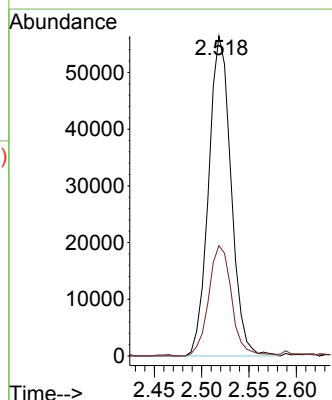
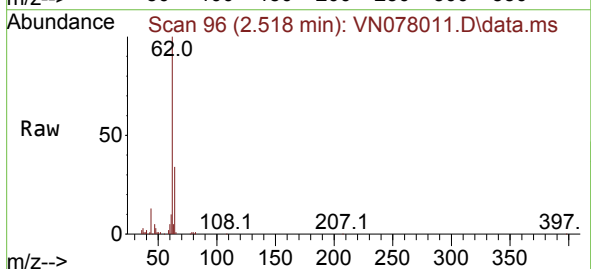
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

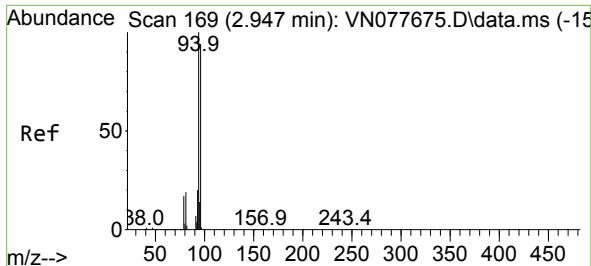
Tgt Ion: 50 Resp: 74984
Ion Ratio Lower Upper
50 100
52 31.4 26.5 39.7



#4
Vinyl Chloride
Concen: 18.826 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 62 Resp: 92977
Ion Ratio Lower Upper
62 100
64 34.5 26.2 39.2

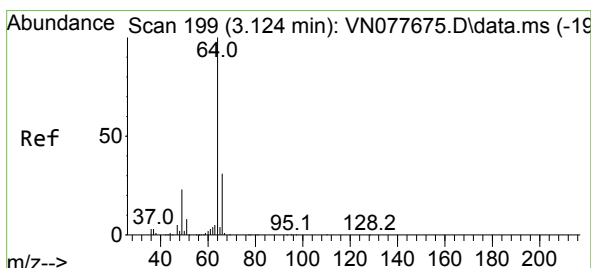
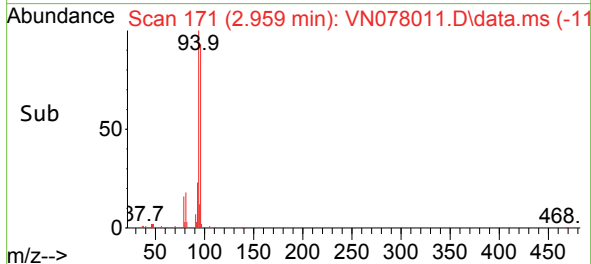
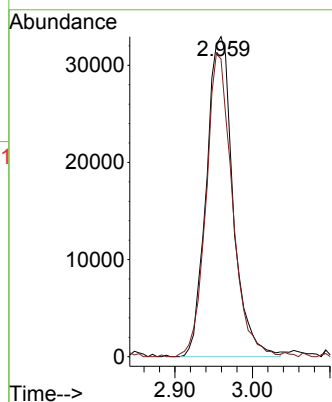
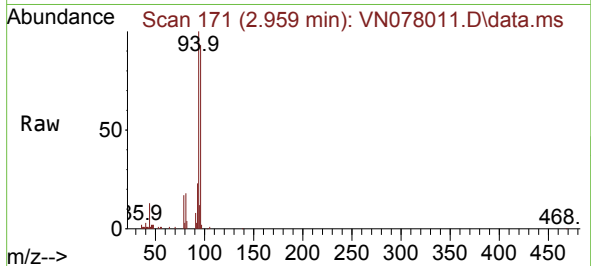




#5
Bromomethane
Concen: 21.638 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

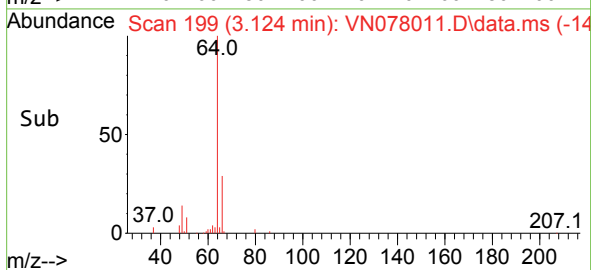
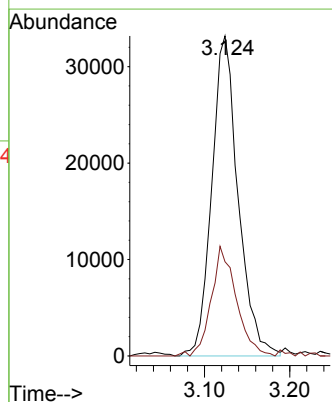
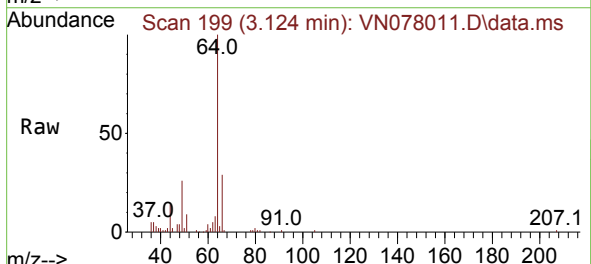
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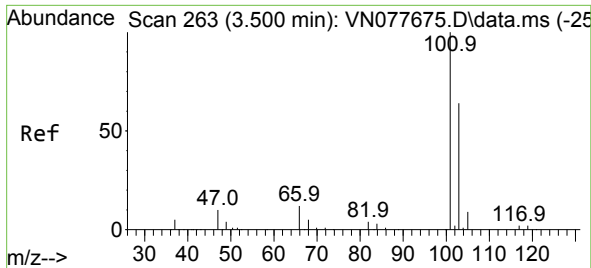
Tgt Ion: 94 Resp: 79035
Ion Ratio Lower Upper
94 100
96 92.4 73.1 109.7



#6
Chloroethane
Concen: 20.056 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 71386
Ion Ratio Lower Upper
64 100
66 28.8 25.4 38.2

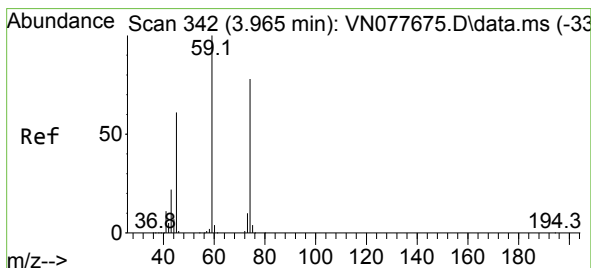
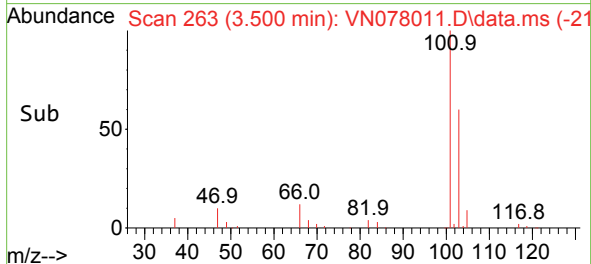
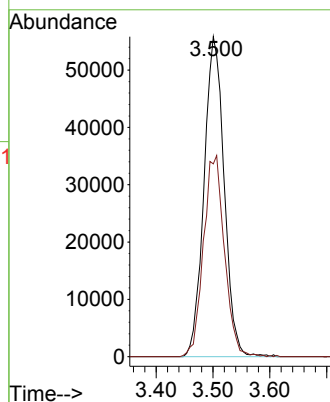
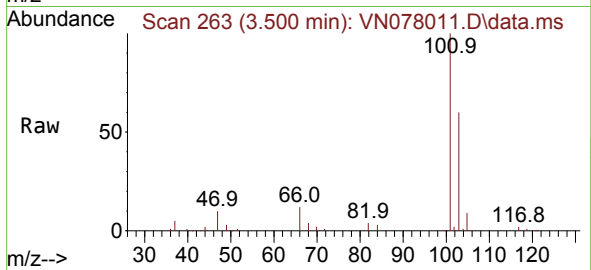




#7
Trichlorofluoromethane
Concen: 19.936 ug/l
RT: 3.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

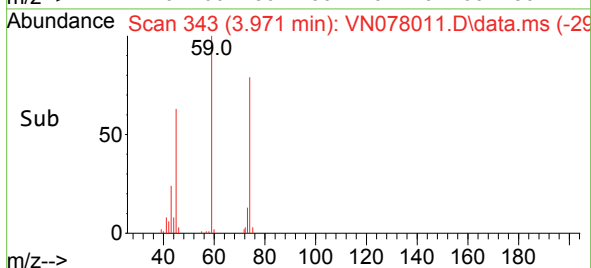
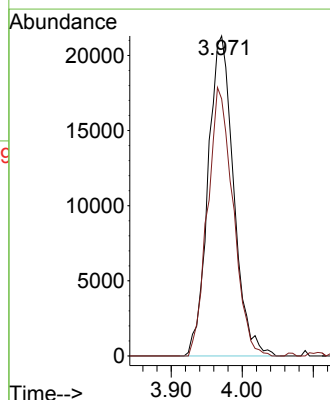
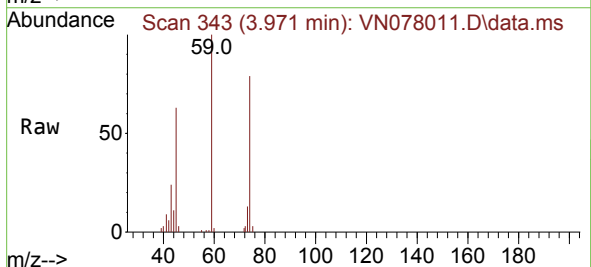
Instrument :
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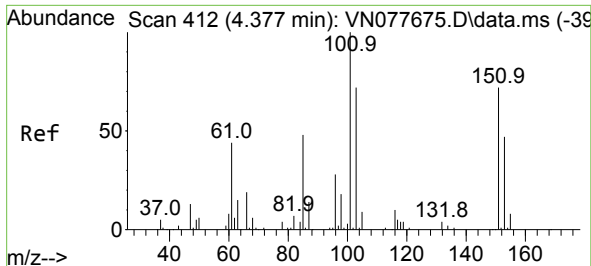
Tgt Ion:101 Resp: 137214
Ion Ratio Lower Upper
101 100
103 60.3 50.7 76.1



#8
Diethyl Ether
Concen: 21.190 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN078011.D
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Tgt Ion: 74 Resp: 53245
Ion Ratio Lower Upper
74 100
45 83.6 34.4 103.3

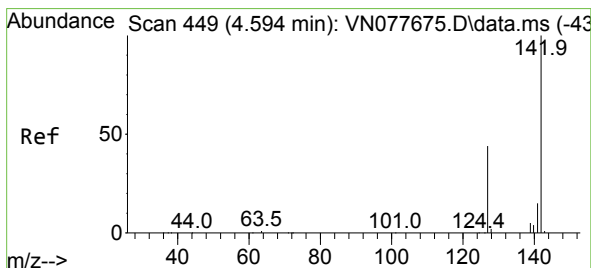
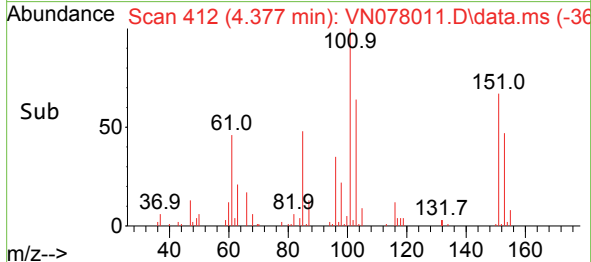
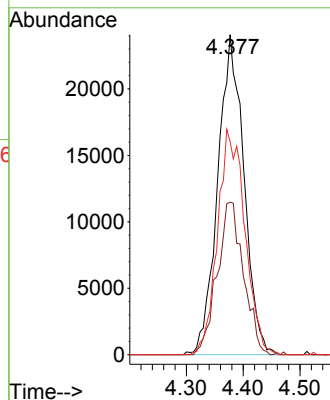
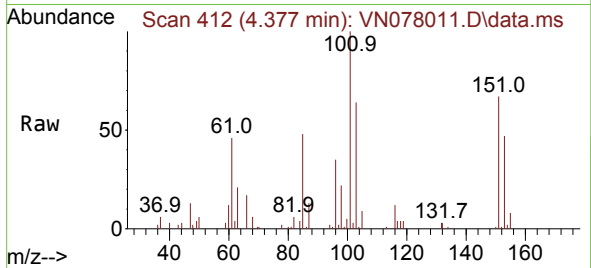




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.206 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

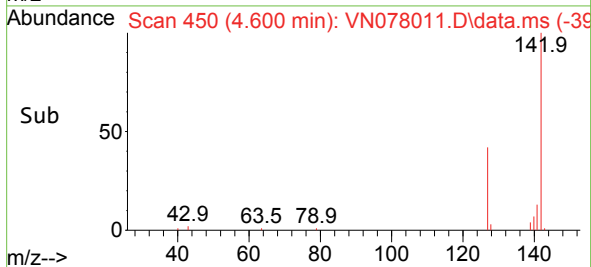
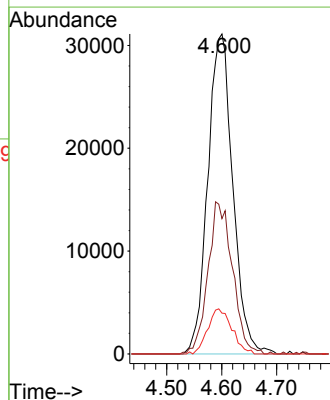
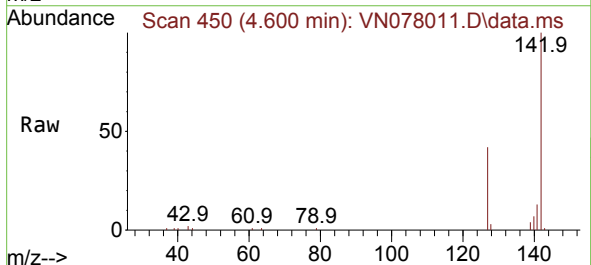
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

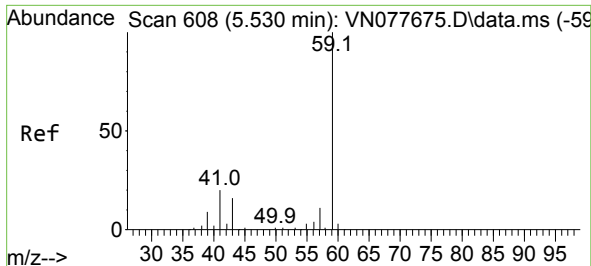
Tgt Ion:101 Resp: 76965
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 73.8 57.6 86.4



#10
Methyl Iodide
Concen: 21.642 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion:142 Resp: 98310
Ion Ratio Lower Upper
142 100
127 42.3 37.6 56.4
141 12.8 11.4 17.0

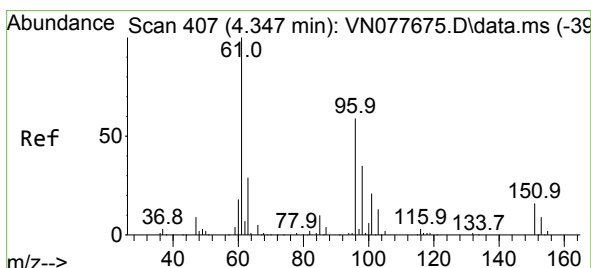
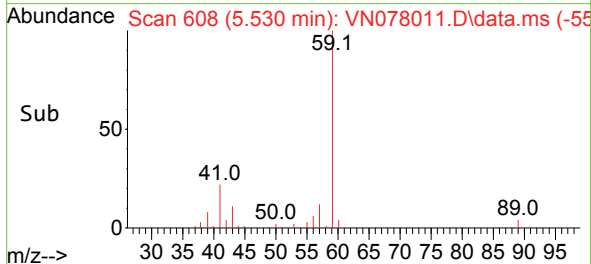
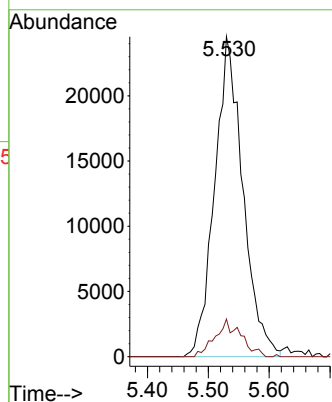
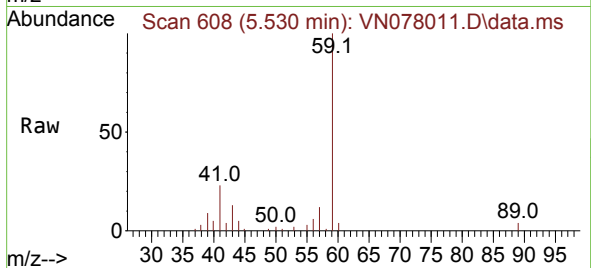




#11
Tert butyl alcohol
Concen: 111.046 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

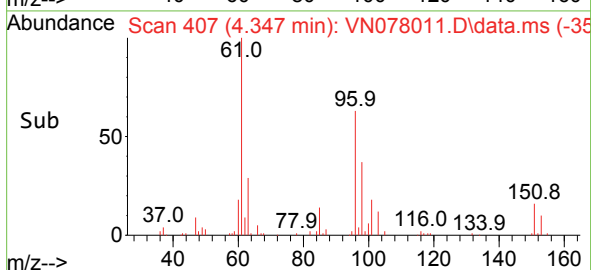
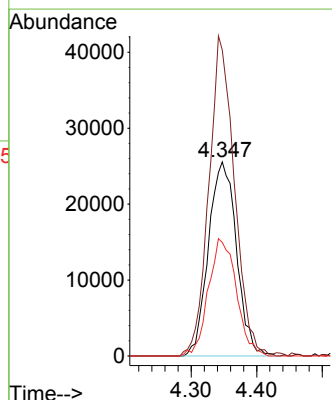
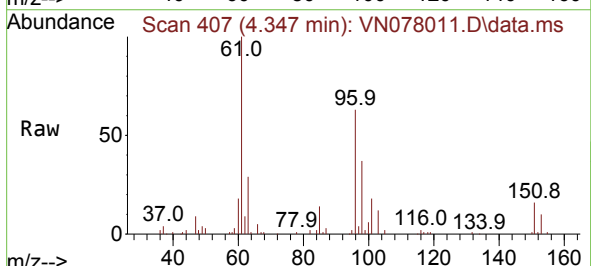
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBS01

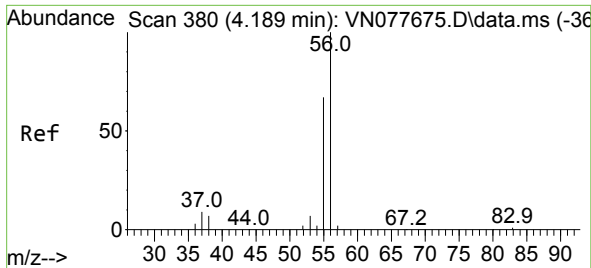
Tgt Ion: 59 Resp: 78928
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.976 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 96 Resp: 75939
Ion Ratio Lower Upper
96 100
61 157.6 112.7 169.1
98 58.5 51.2 76.8





#13

Acrolein

Concen: 56.442 ug/l

RT: 4.189 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

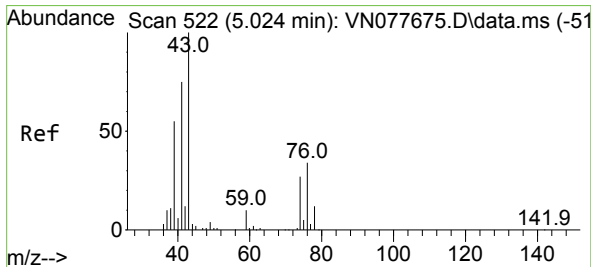
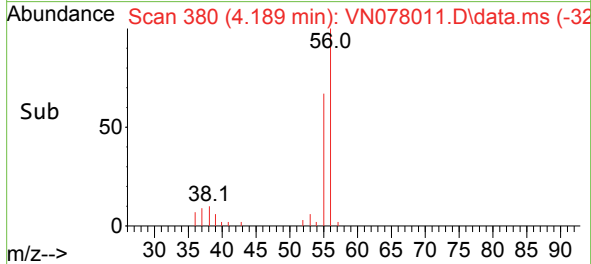
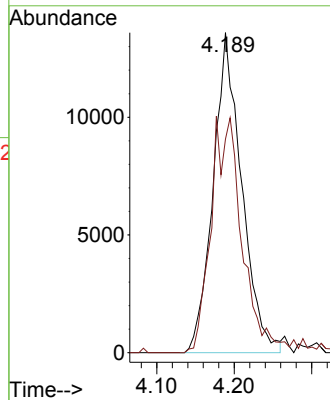
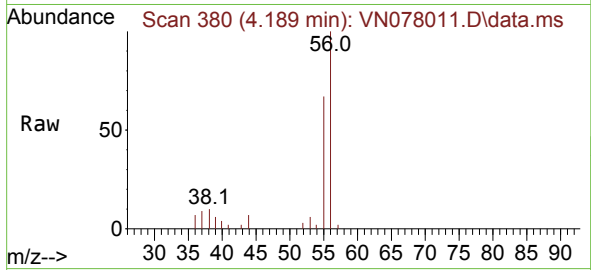
VN0601MBS01

Tgt Ion: 56 Resp: 34794

Ion Ratio Lower Upper

56 100

55 79.8 54.5 81.7



#14

Allyl chloride

Concen: 18.505 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

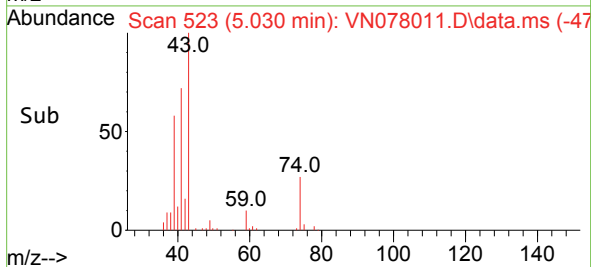
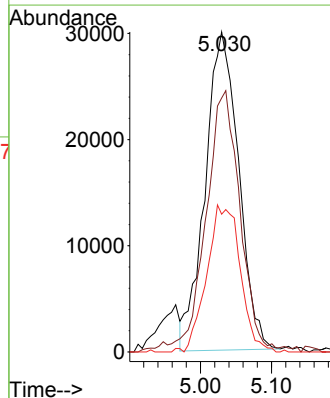
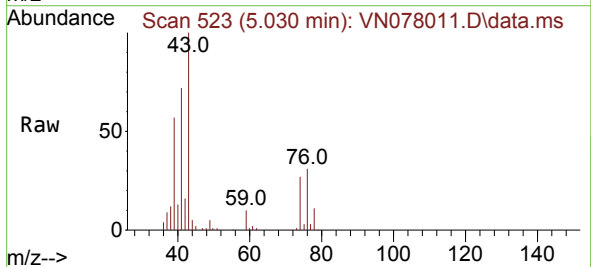
Tgt Ion: 41 Resp: 98416

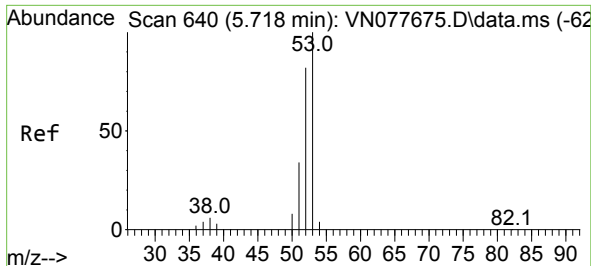
Ion Ratio Lower Upper

41 100

39 83.6 58.8 88.2

76 45.9 39.1 58.7

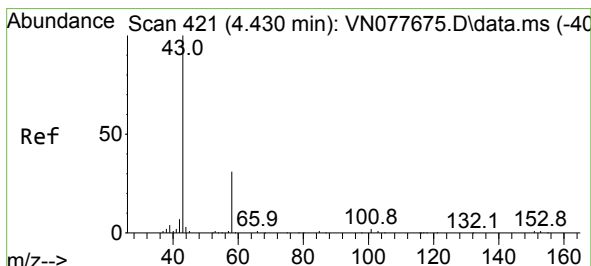
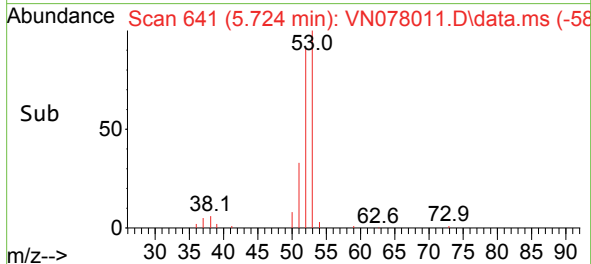
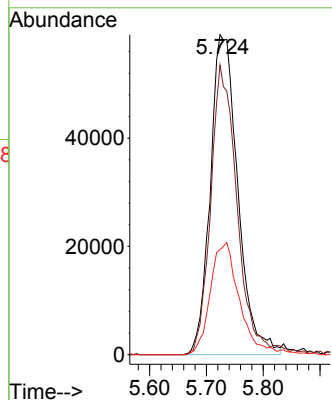
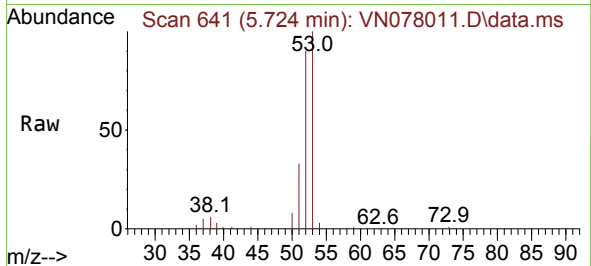




#15
Acrylonitrile
Concen: 105.051 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

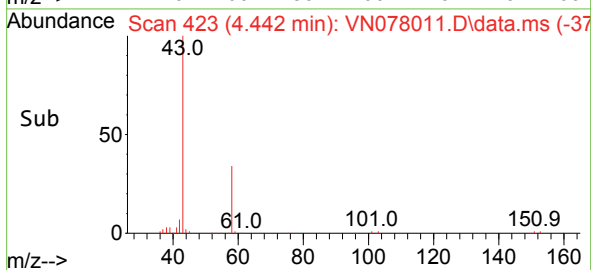
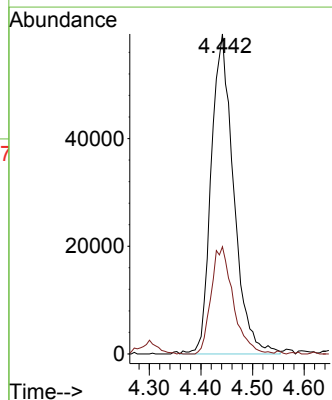
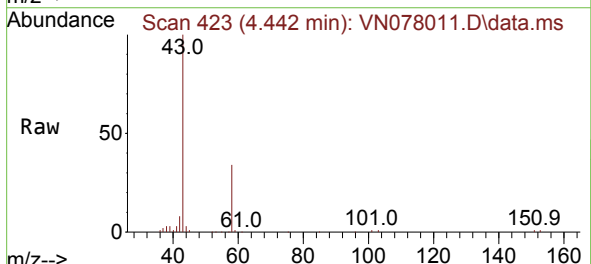
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

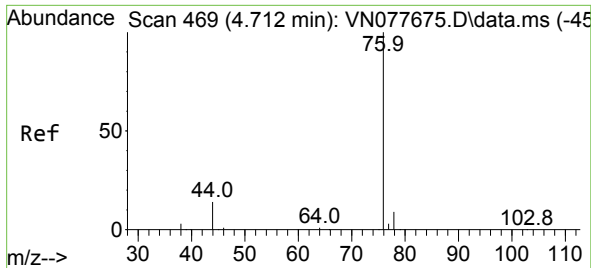
Tgt Ion: 53 Resp: 199481
Ion Ratio Lower Upper
53 100
52 87.2 65.3 97.9
51 37.4 28.9 43.3



#16
Acetone
Concen: 110.647 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 43 Resp: 179281
Ion Ratio Lower Upper
43 100
58 33.3 28.0 42.0

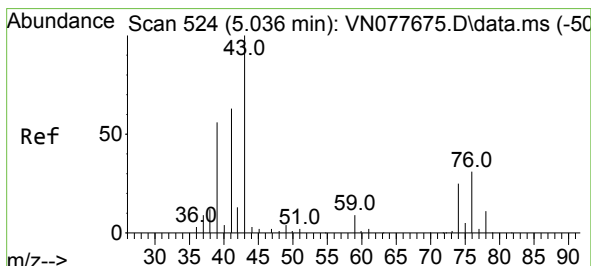
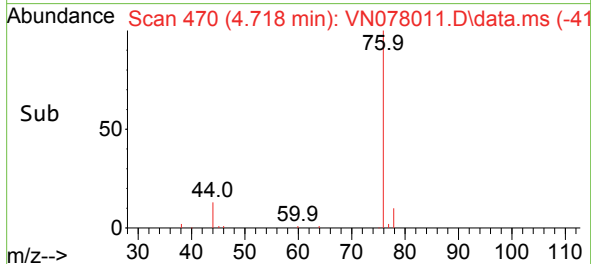
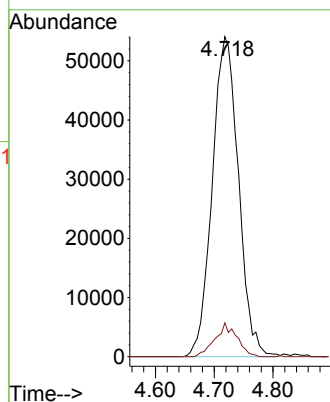
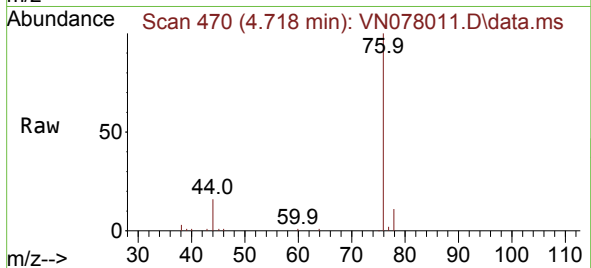




#17
Carbon Disulfide
Concen: 17.182 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

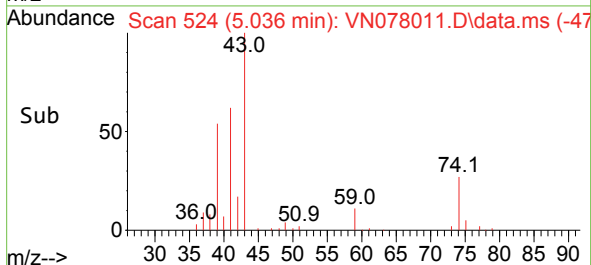
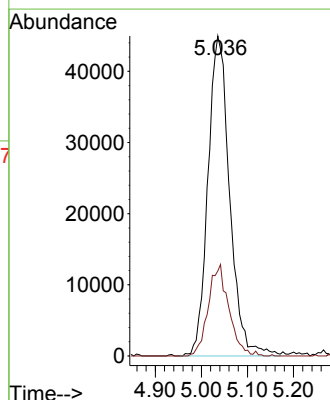
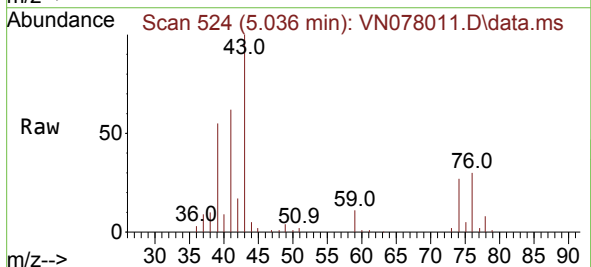
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

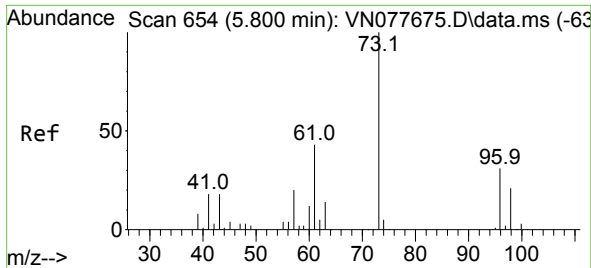
Tgt Ion: 76 Resp: 167602
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0



#18
Methyl Acetate
Concen: 21.698 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 43 Resp: 147488
Ion Ratio Lower Upper
43 100
74 27.0 26.2 39.4

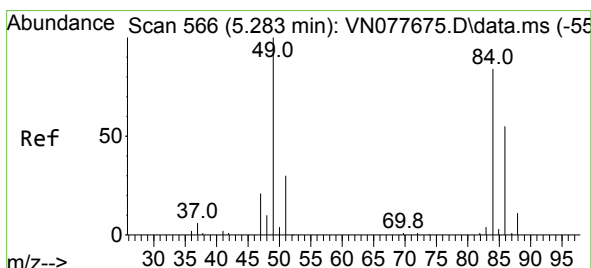
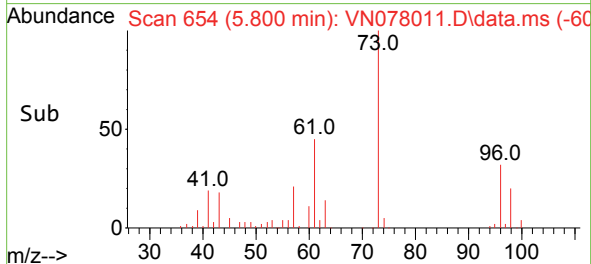
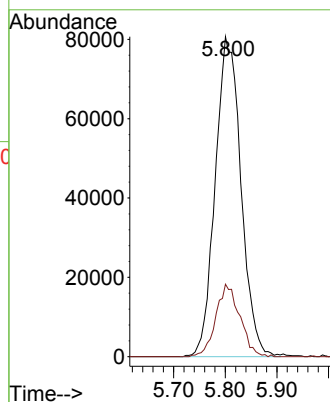
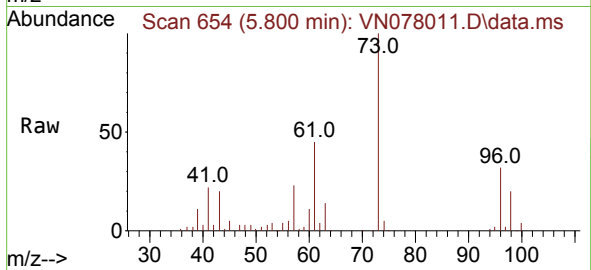




#19
Methyl tert-butyl Ether
Concen: 21.293 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

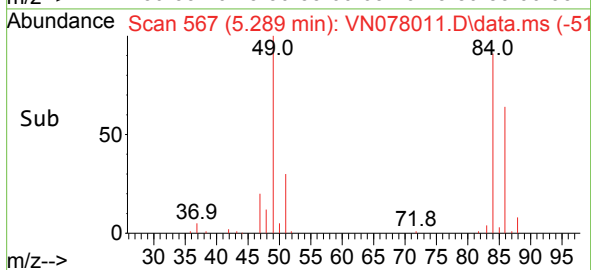
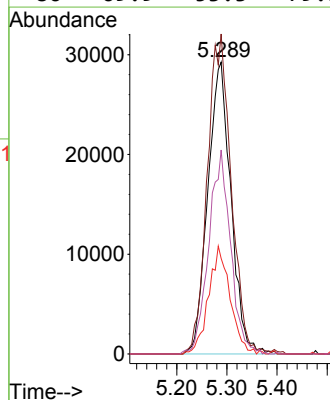
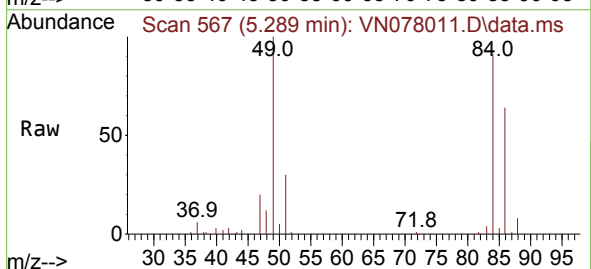
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

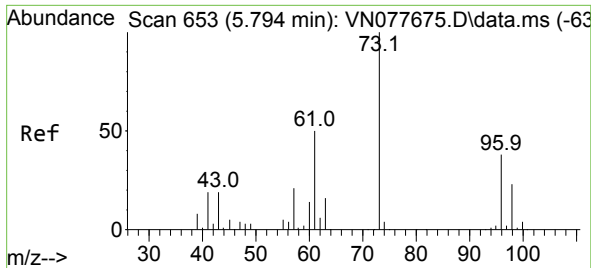
Tgt Ion: 73 Resp: 279023
Ion Ratio Lower Upper
73 100
57 22.6 15.6 23.4



#20
Methylene Chloride
Concen: 21.083 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 84 Resp: 93735
Ion Ratio Lower Upper
84 100
49 109.6 79.7 119.5
51 32.7 25.2 37.8
86 69.9 53.3 79.9

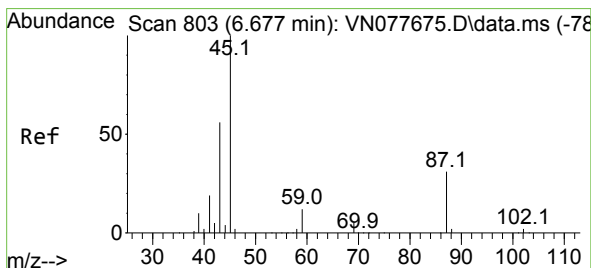
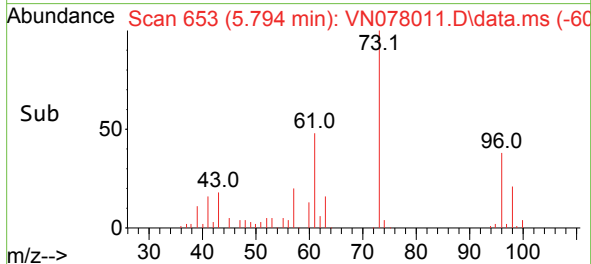
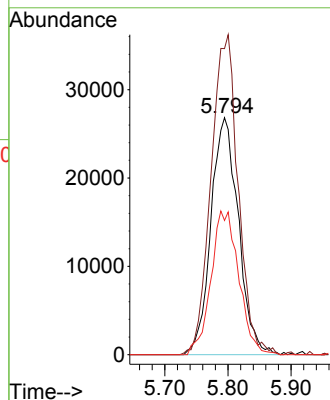
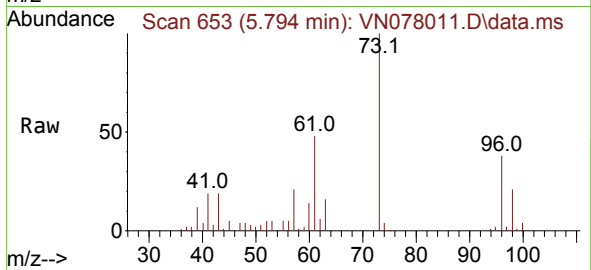




#21
trans-1,2-Dichloroethene
Concen: 19.975 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

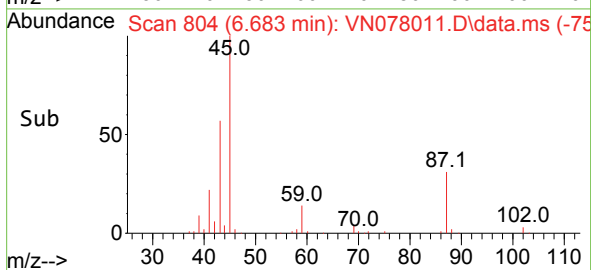
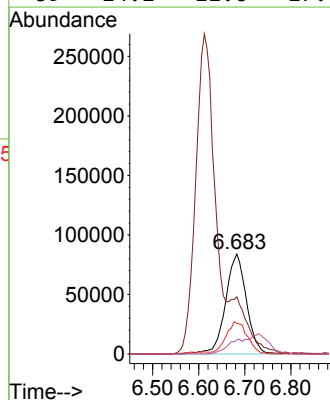
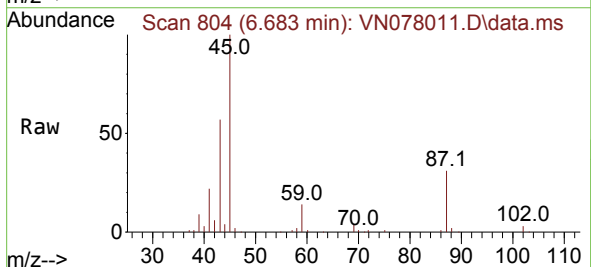
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

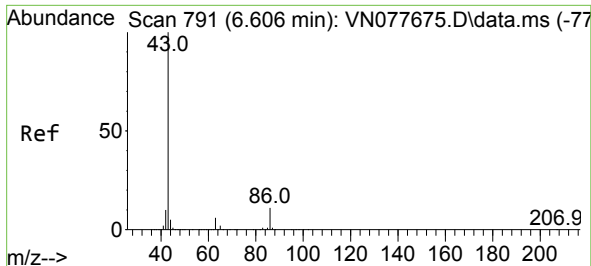
Tgt Ion: 96 Resp: 81231
Ion Ratio Lower Upper
96 100
61 129.2 90.1 135.1
98 56.7 46.4 69.6



#22
Diisopropyl ether
Concen: 21.081 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 45 Resp: 262787
Ion Ratio Lower Upper
45 100
43 55.5 45.5 68.3
87 30.6 31.8 47.8#
59 14.1 11.6 17.4

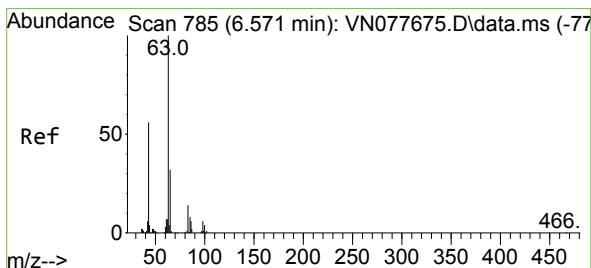
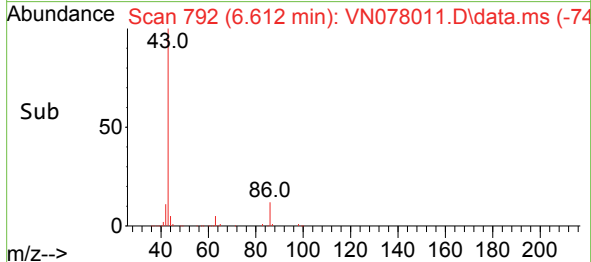
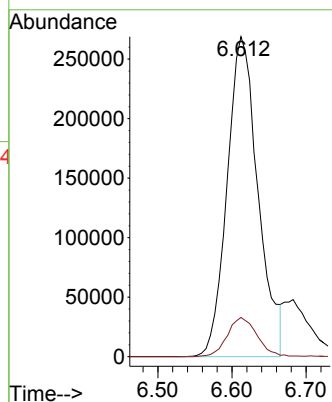
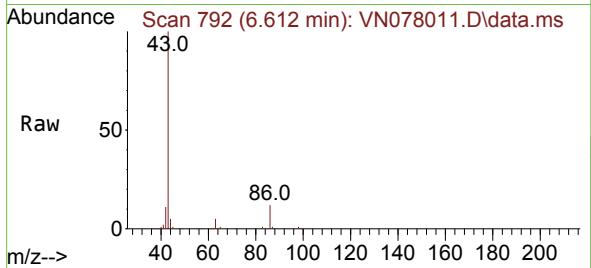




#23
 Vinyl Acetate
 Concen: 100.970 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN078011.D
 Acq: 01 Jun 2023 15:37

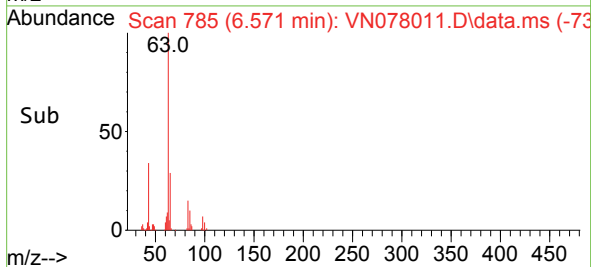
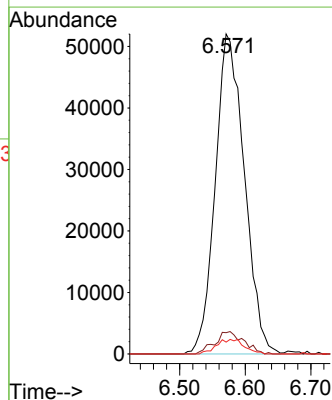
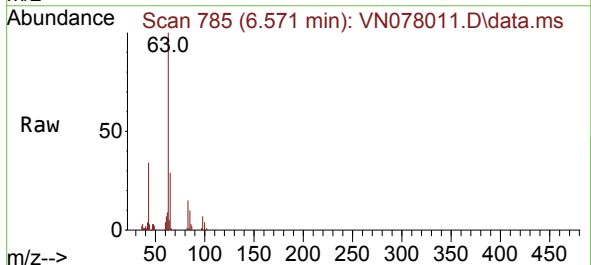
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601MBSD01

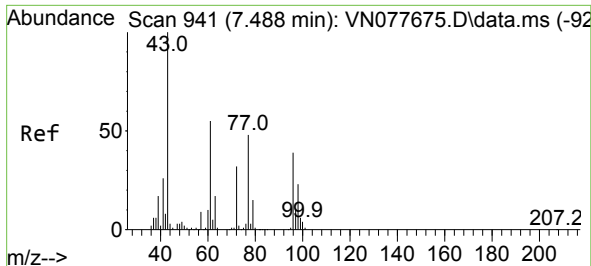
Tgt Ion: 43 Resp: 779843
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 20.955 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN078011.D
 Acq: 01 Jun 2023 15:37

Tgt Ion: 63 Resp: 160032
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 3.7 2.5 7.4

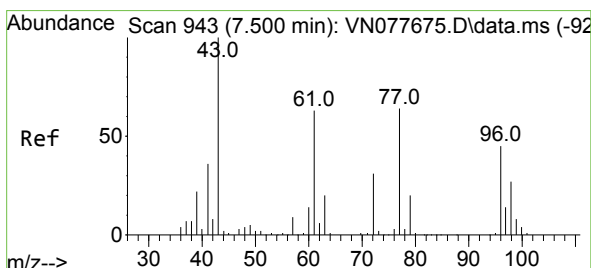
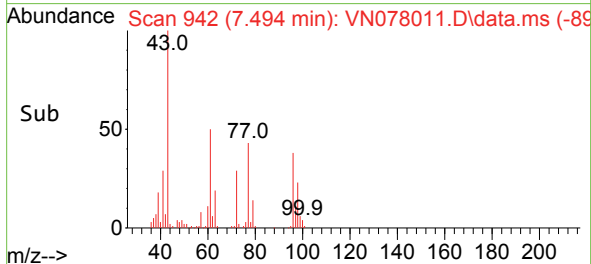
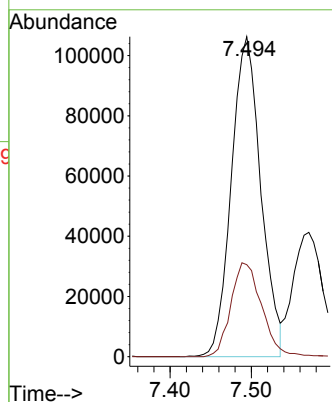
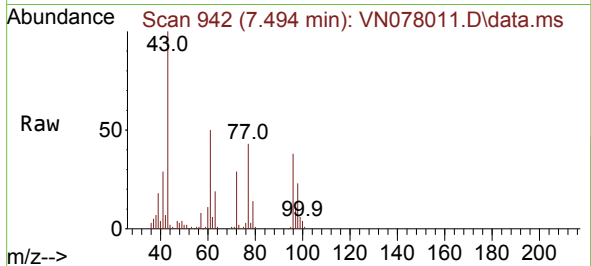




#25
2-Butanone
Concen: 105.912 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

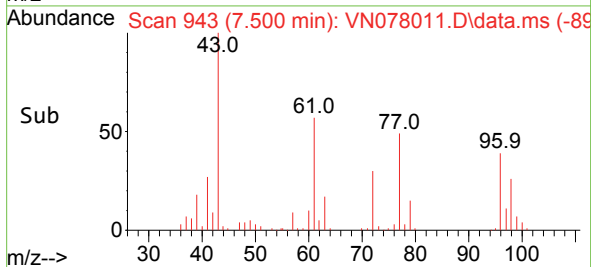
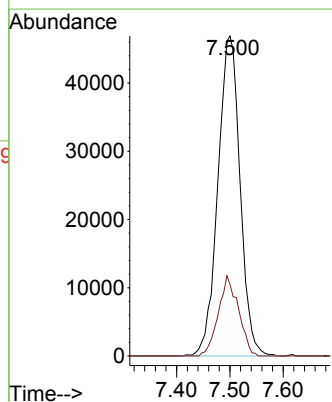
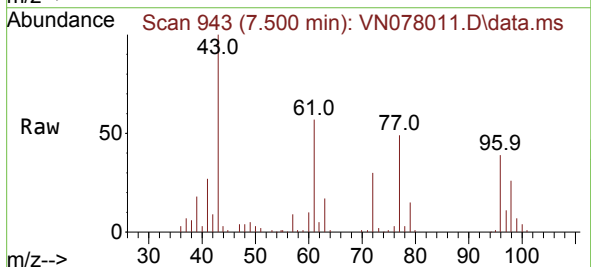
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

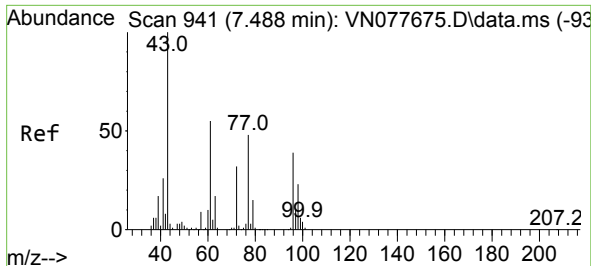
Tgt Ion: 43 Resp: 268449
Ion Ratio Lower Upper
43 100
72 28.7 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 20.876 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 77 Resp: 135446
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6

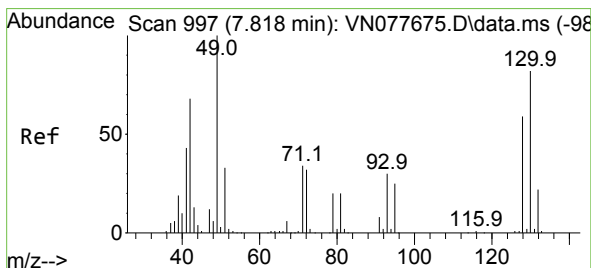
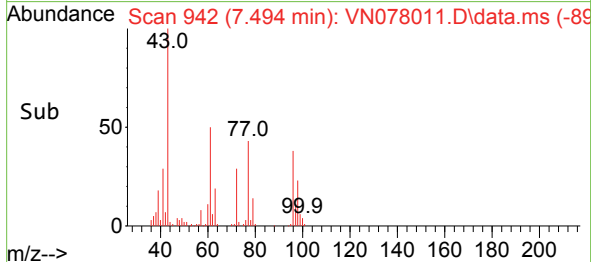
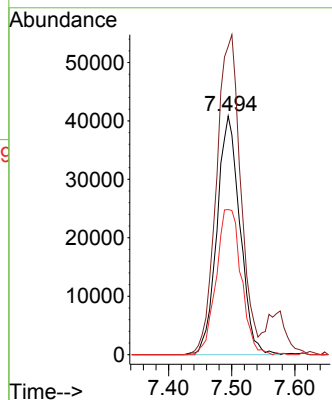
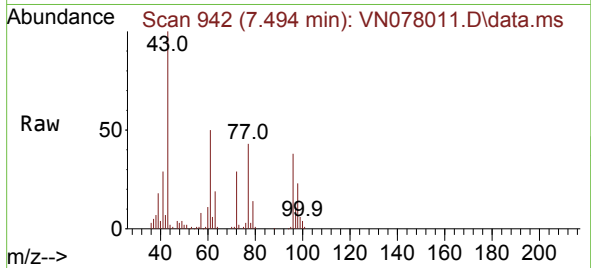




#27
 cis-1,2-Dichloroethene
 Concen: 21.201 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN078011.D
 Acq: 01 Jun 2023 15:37

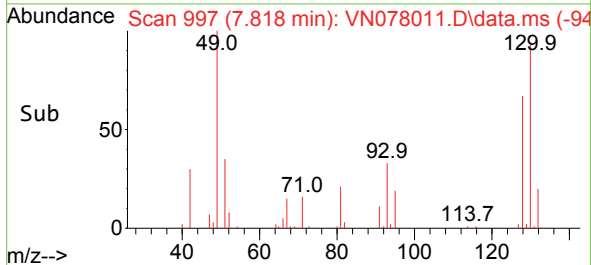
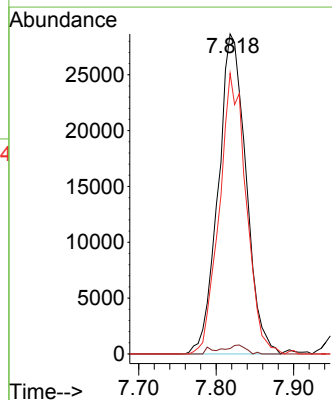
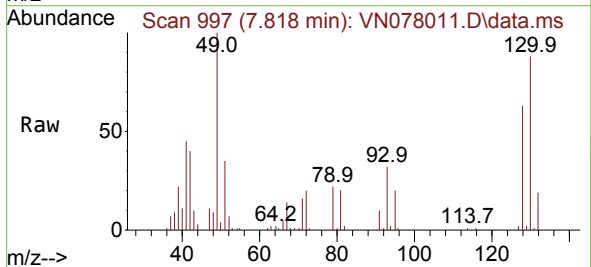
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601MBSD01

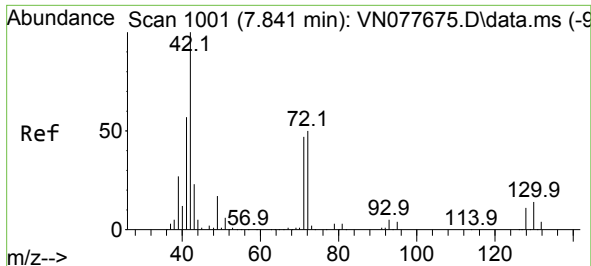
Tgt Ion: 96 Resp: 103376
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 255.2
 98 66.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 21.695 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078011.D
 Acq: 01 Jun 2023 15:37

Tgt Ion: 49 Resp: 71657
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 84.6 75.3 112.9

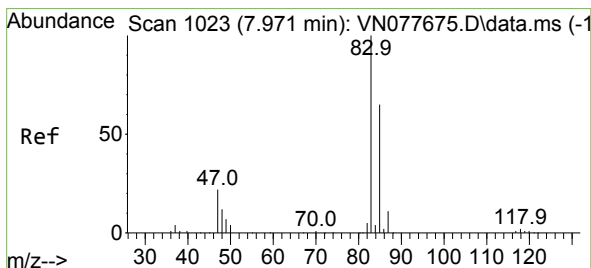
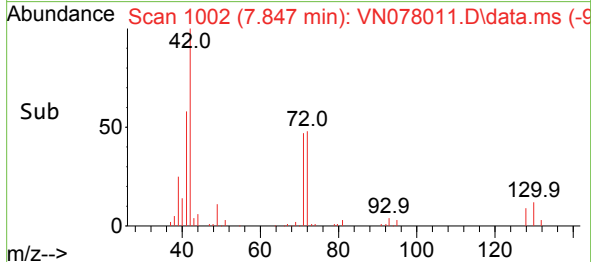
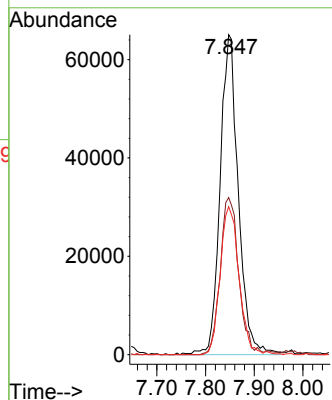
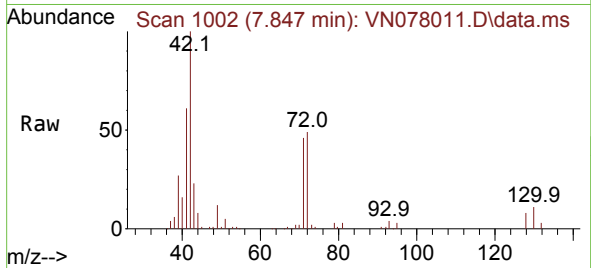




#29
Tetrahydrofuran
Concen: 101.884 ug/l
RT: 7.847 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

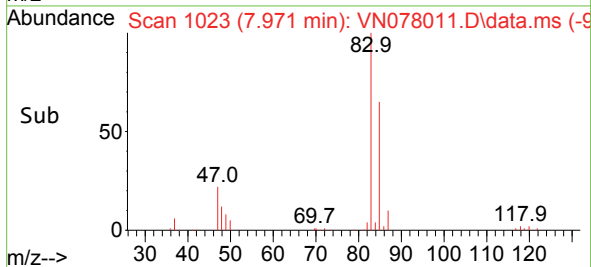
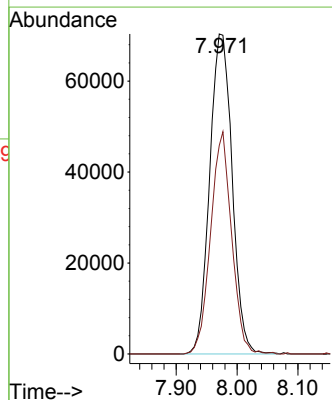
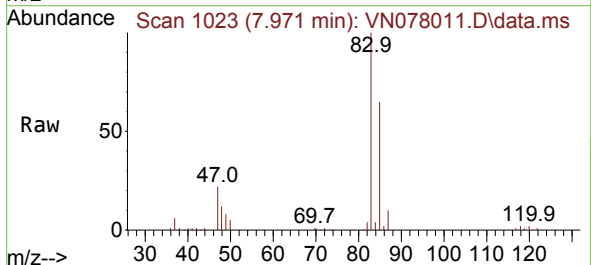
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

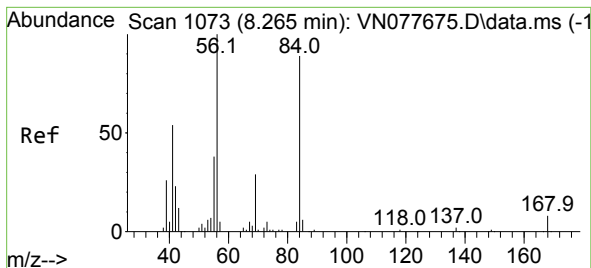
Tgt Ion: 42 Resp: 169094
Ion Ratio Lower Upper
42 100
72 49.9 49.8 74.6
71 47.6 47.4 71.2



#30
Chloroform
Concen: 21.472 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 83 Resp: 180390
Ion Ratio Lower Upper
83 100
85 65.1 55.4 83.0

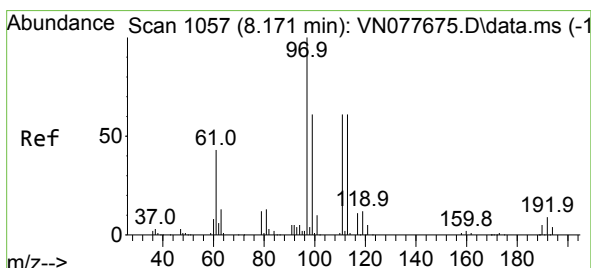
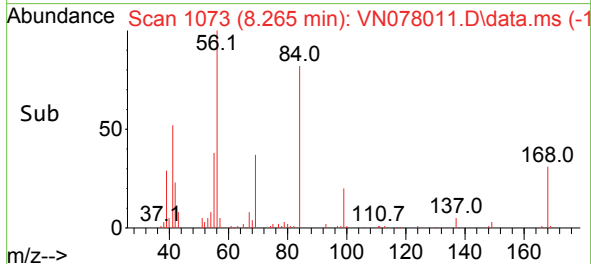
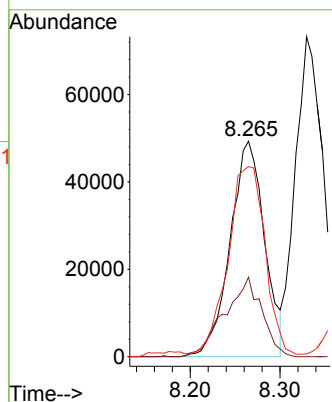
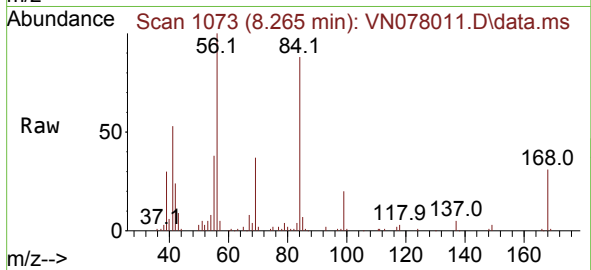




#31
Cyclohexane
Concen: 18.806 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

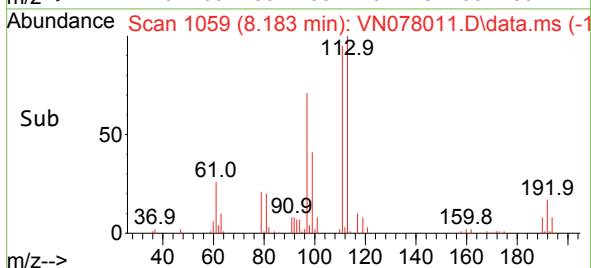
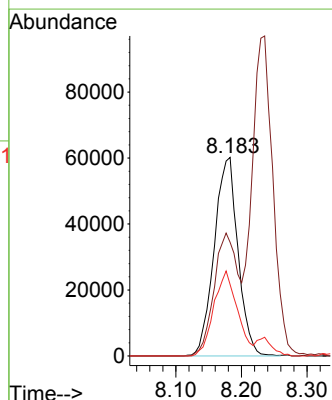
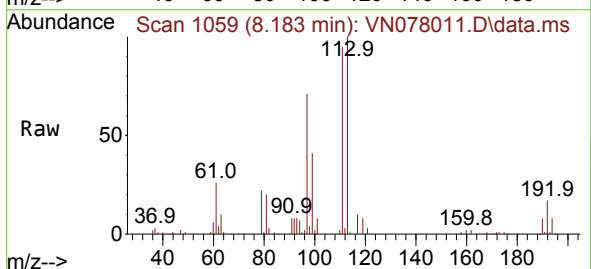
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

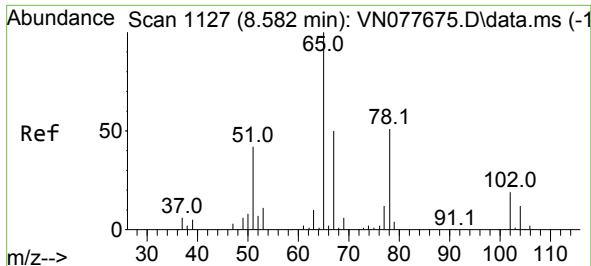
Tgt Ion: 56 Resp: 131637
Ion Ratio Lower Upper
56 100
69 36.9 26.8 40.2
84 85.9 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 21.188 ug/l
RT: 8.183 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 97 Resp: 151335
Ion Ratio Lower Upper
97 100
99 62.1 50.3 75.5
61 42.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.741 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

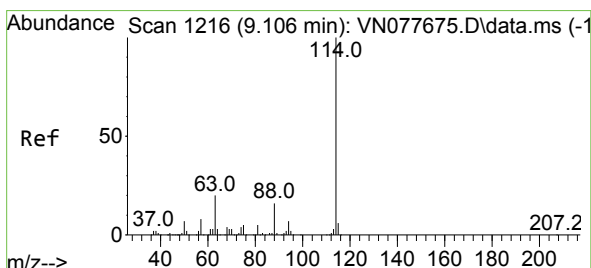
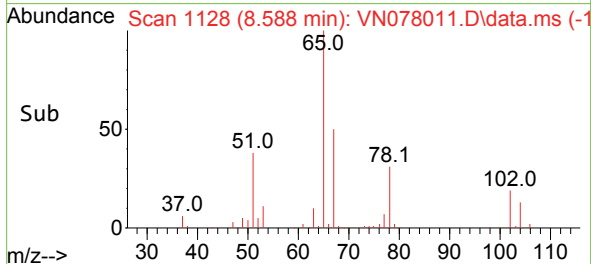
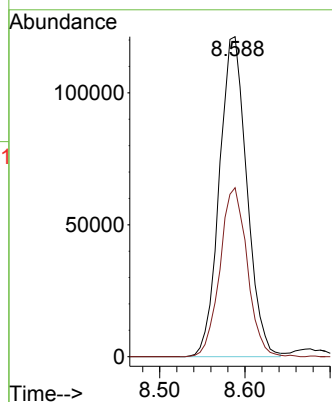
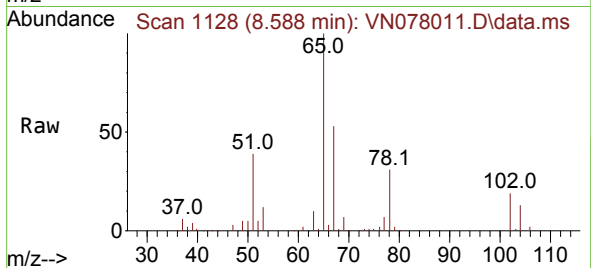
VN0601MBSD01

Tgt Ion: 65 Resp: 271625

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

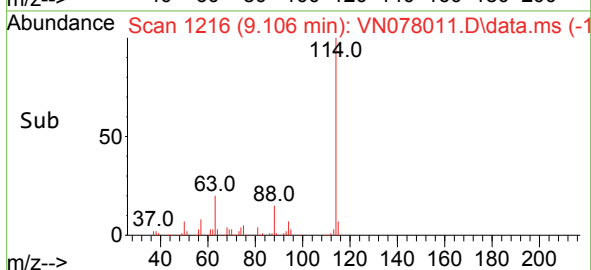
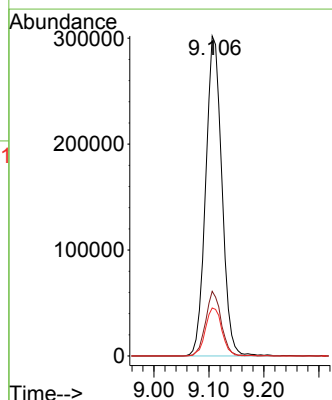
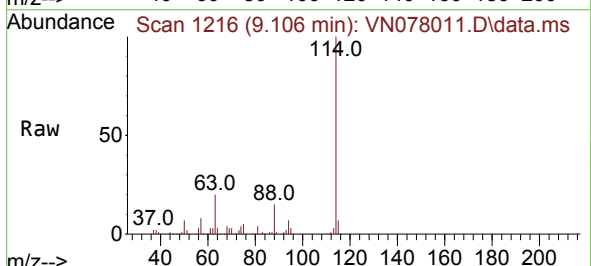
Tgt Ion: 114 Resp: 617089

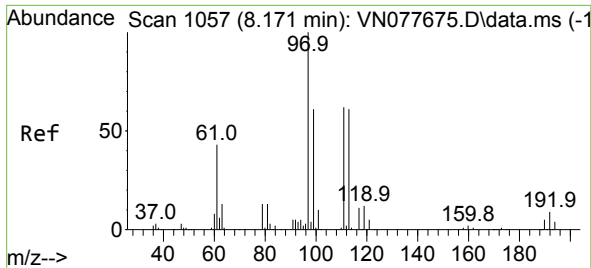
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 15.0 0.0 30.6

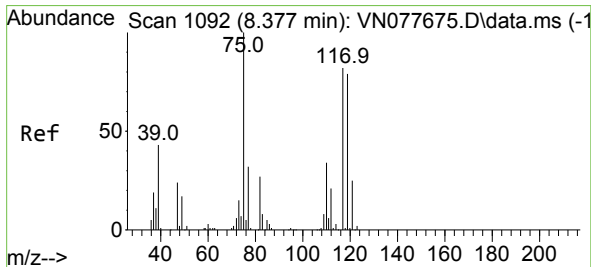
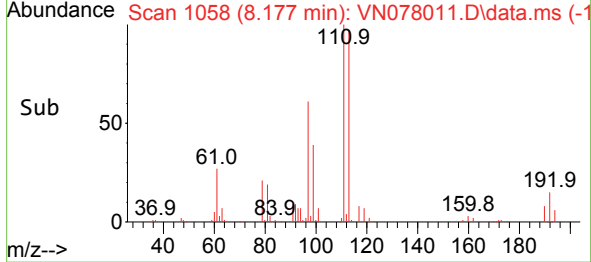
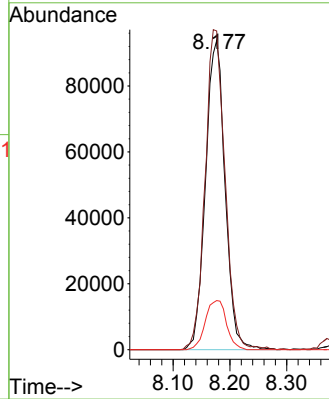
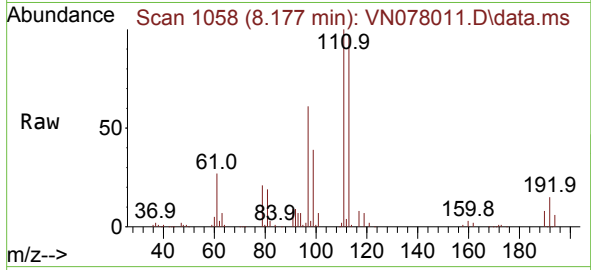




#35
Dibromofluoromethane
Concen: 55.527 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

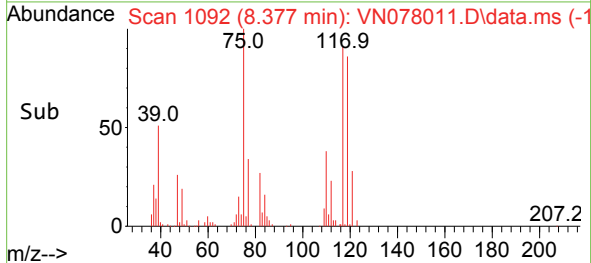
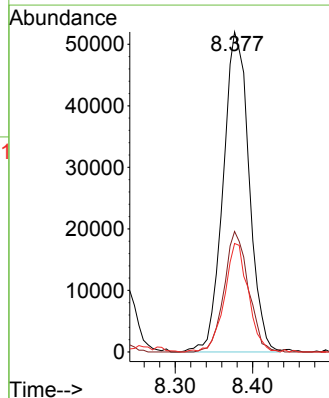
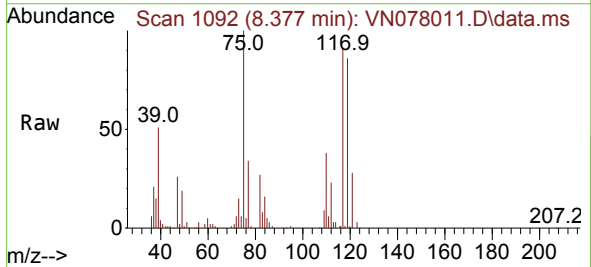
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

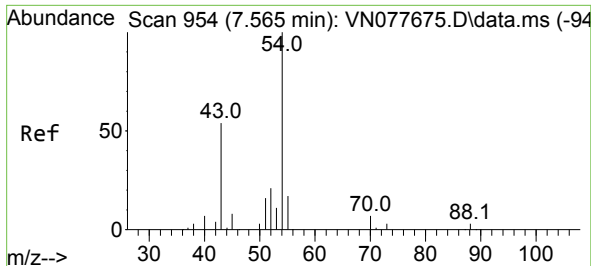
Tgt Ion:113 Resp: 223440
Ion Ratio Lower Upper
113 100
111 105.5 82.6 123.8
192 17.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 20.570 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 75 Resp: 121070
Ion Ratio Lower Upper
75 100
110 35.5 19.1 57.3
77 31.2 25.0 37.4

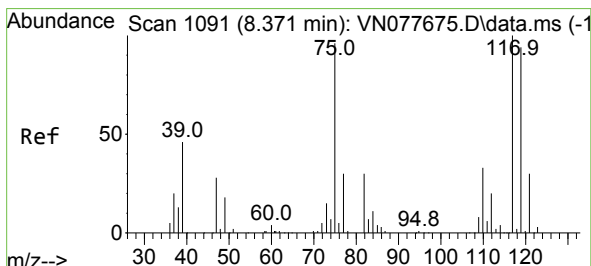
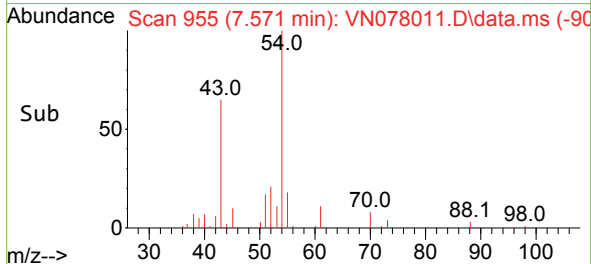
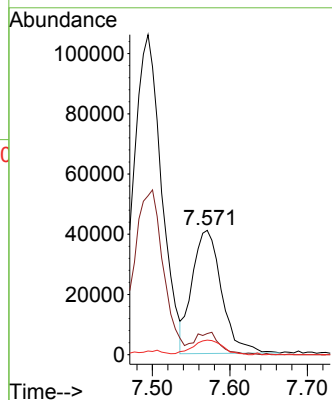
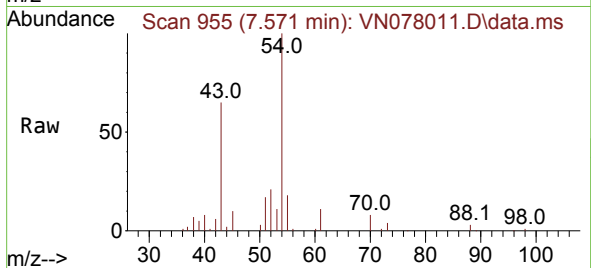




#37
Ethyl Acetate
Concen: 20.601 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

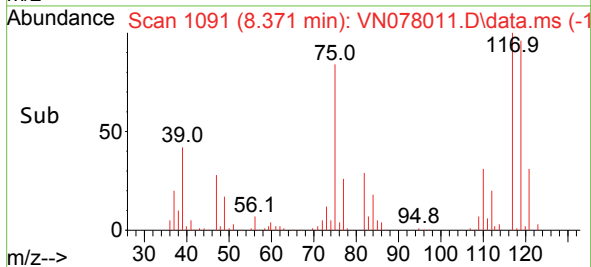
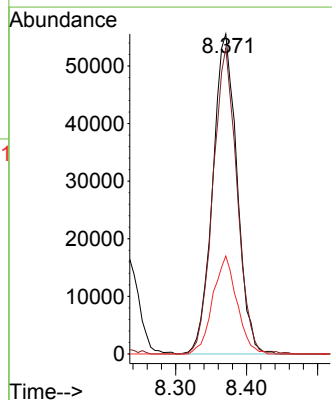
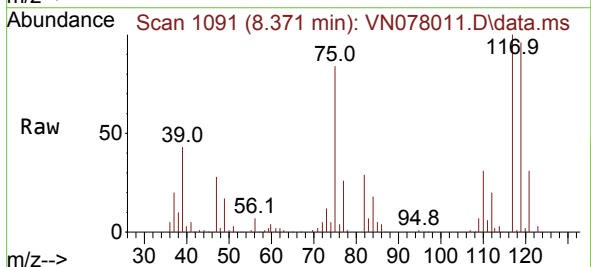
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

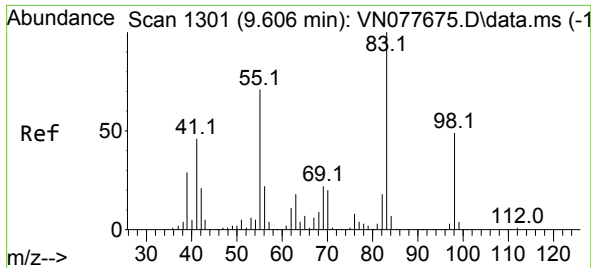
Tgt Ion: 43 Resp: 108071
Ion Ratio Lower Upper
43 100
61 14.8 13.2 19.8
70 12.0 11.3 16.9



#38
Carbon Tetrachloride
Concen: 22.154 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 117 Resp: 131670
Ion Ratio Lower Upper
117 100
119 95.6 77.3 115.9
121 30.6 23.3 34.9

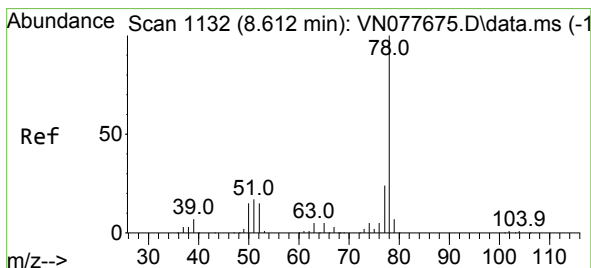
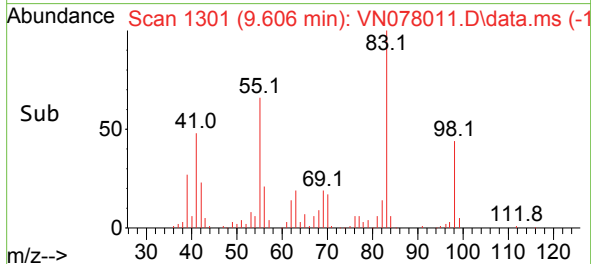
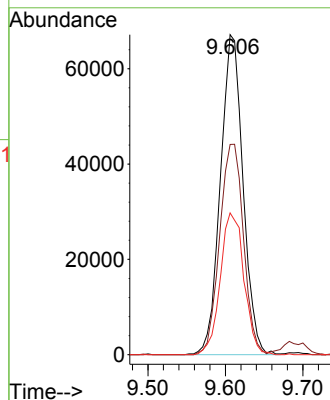
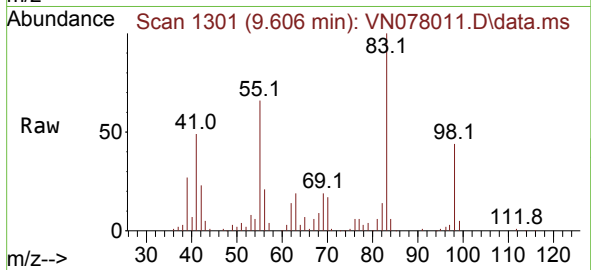




#39
Methylcyclohexane
Concen: 18.921 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

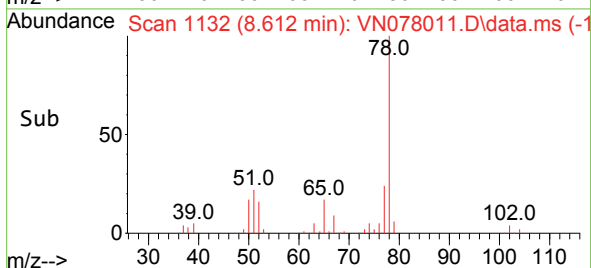
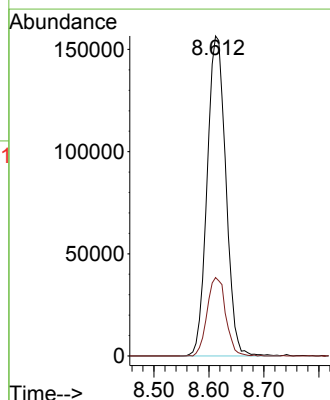
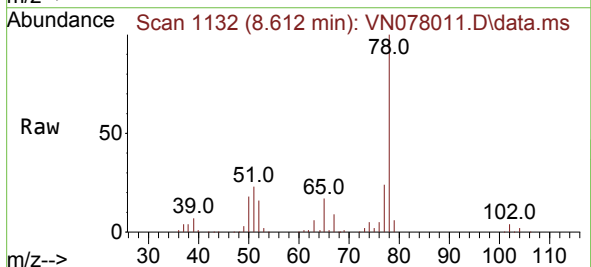
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

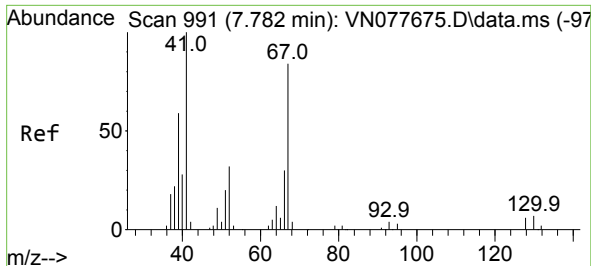
Tgt Ion: 83 Resp: 136333
Ion Ratio Lower Upper
83 100
55 65.7 49.1 73.7
98 44.3 40.6 61.0



#40
Benzene
Concen: 21.287 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 78 Resp: 369720
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6

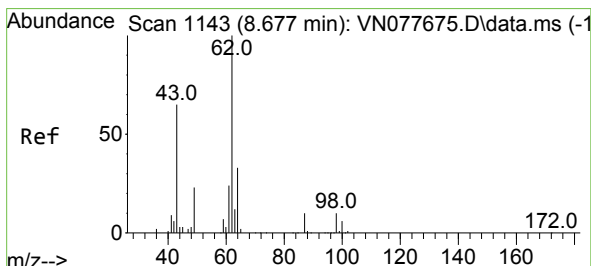
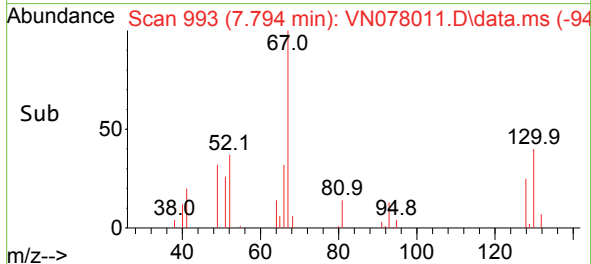
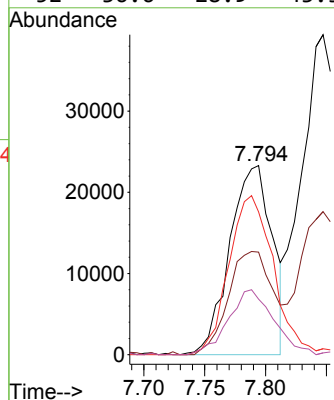
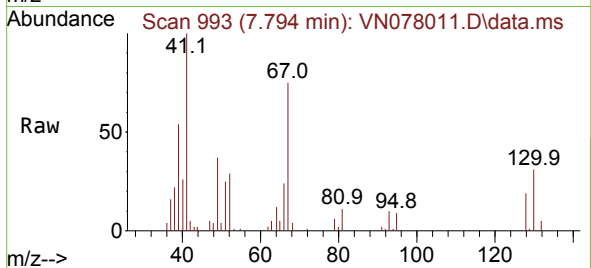




#41
Methacrylonitrile
Concen: 20.241 ug/l
RT: 7.794 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

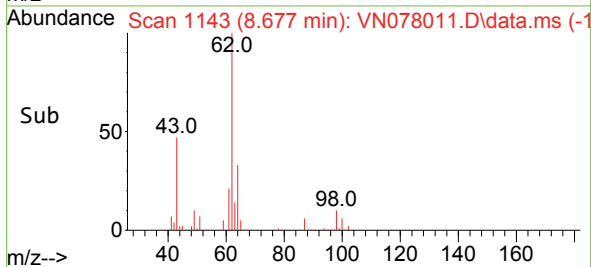
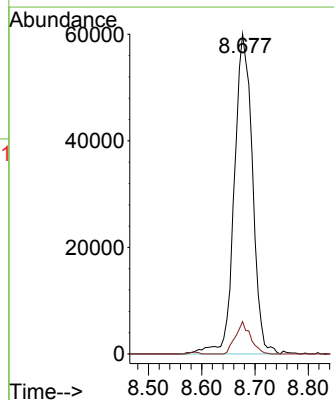
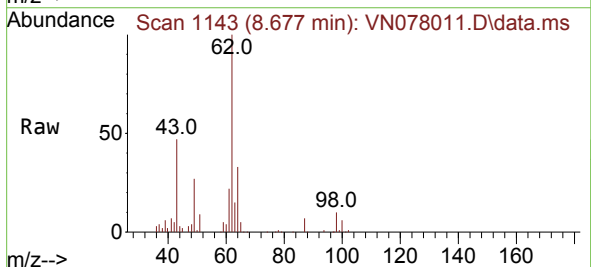
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

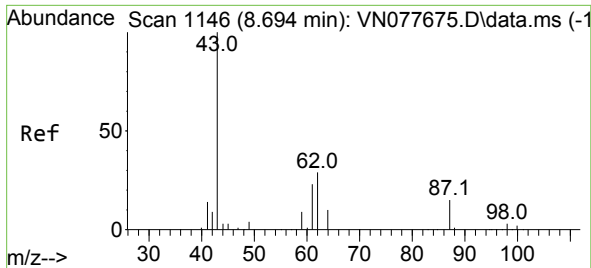
Tgt Ion: 41	Resp: 56548
Ion Ratio	Lower Upper
41 100	
39 56.4	42.6 64.0
67 89.0	77.5 116.3
52 36.6	28.9 43.3



#42
1,2-Dichloroethane
Concen: 22.485 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 62	Resp: 141860
Ion Ratio	Lower Upper
62 100	
98 8.4	0.0 19.8

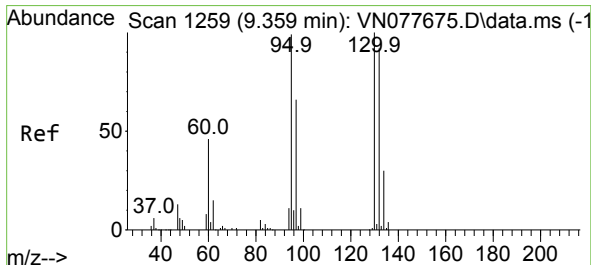
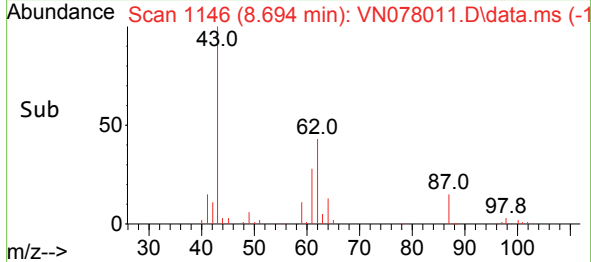
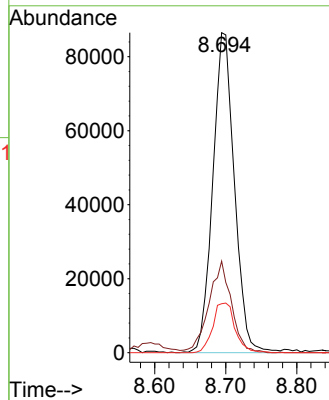
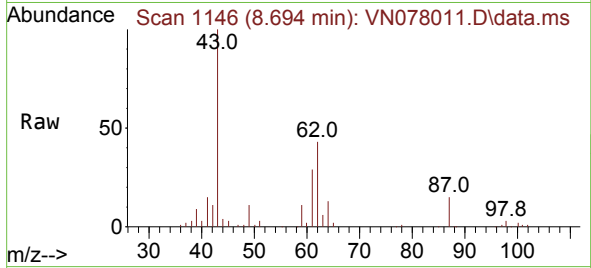




#43
Isopropyl Acetate
Concen: 21.288 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

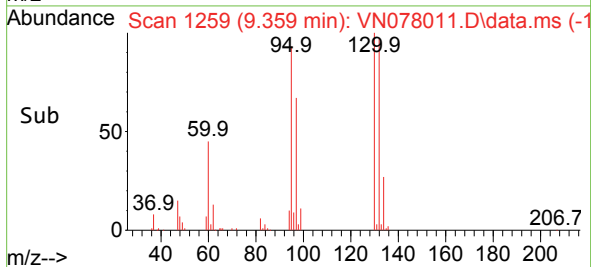
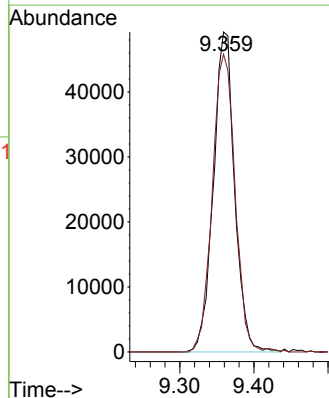
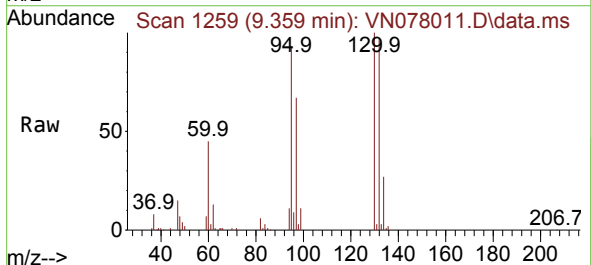
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

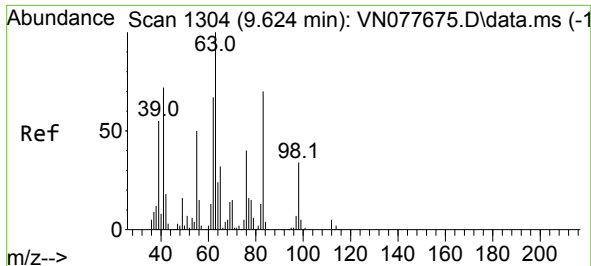
Tgt Ion: 43 Resp: 182412
Ion Ratio Lower Upper
43 100
61 30.0 24.7 37.1
87 16.0 14.6 21.8



#44
Trichloroethene
Concen: 22.244 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion:130 Resp: 97824
Ion Ratio Lower Upper
130 100
95 93.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 22.208 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

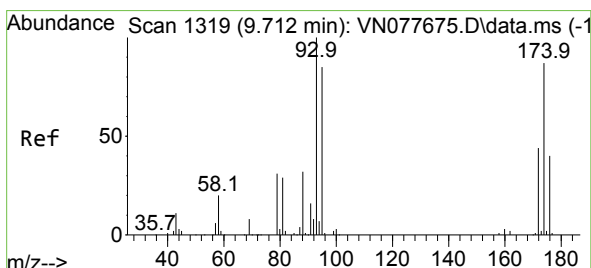
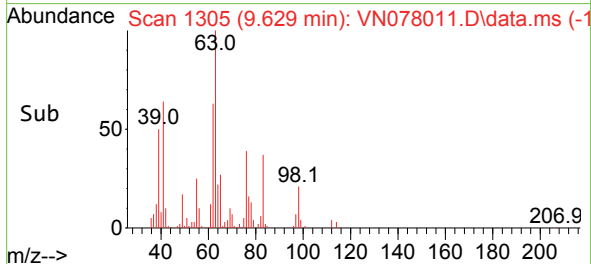
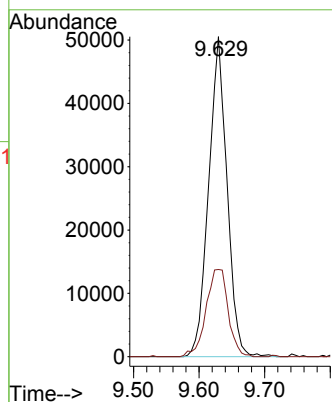
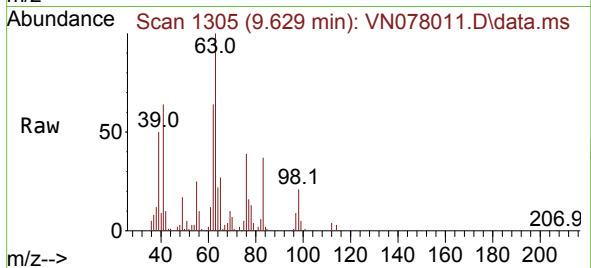
VN0601MBS01

Tgt Ion: 63 Resp: 98387

Ion Ratio Lower Upper

63 100

65 27.2 23.9 35.9



#46

Dibromomethane

Concen: 22.305 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

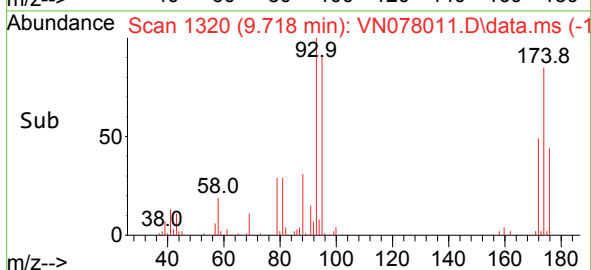
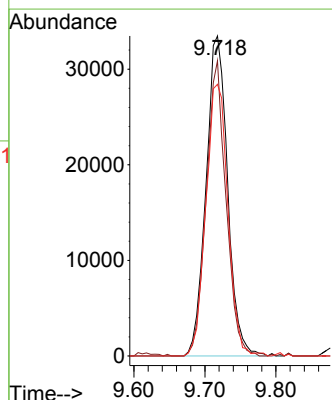
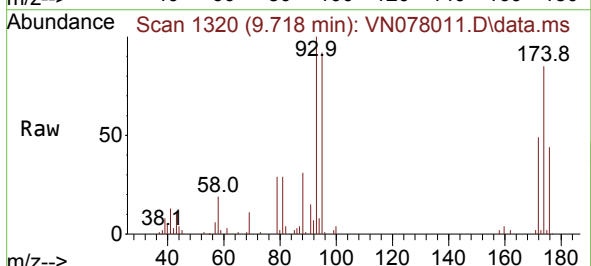
Tgt Ion: 93 Resp: 70710

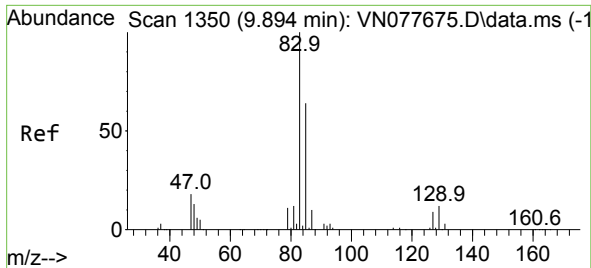
Ion Ratio Lower Upper

93 100

95 84.6 63.8 95.8

174 86.9 65.6 98.4

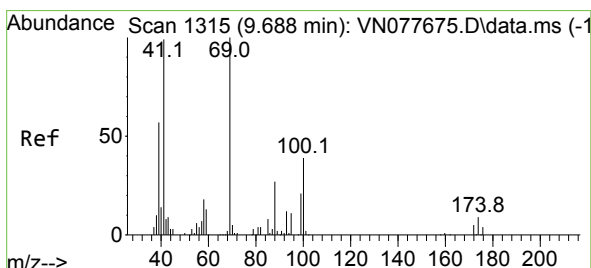
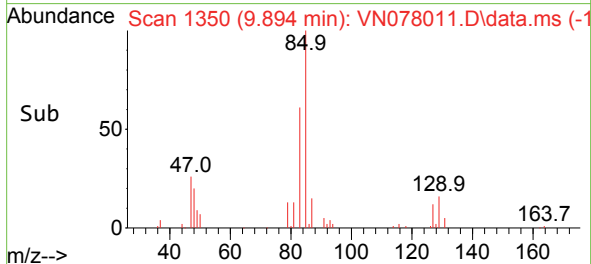
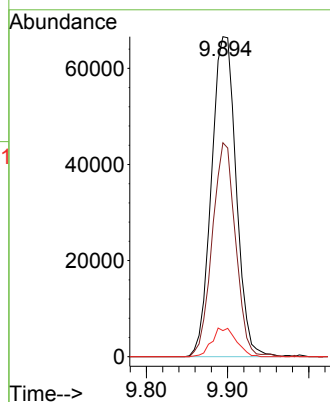
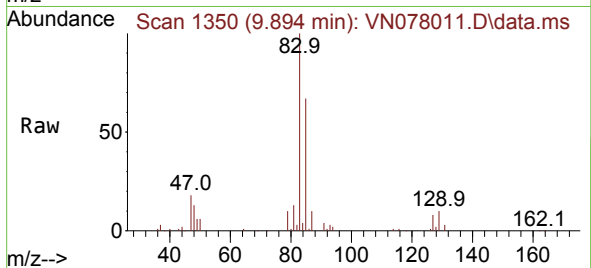




#47
Bromodichloromethane
Concen: 23.155 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

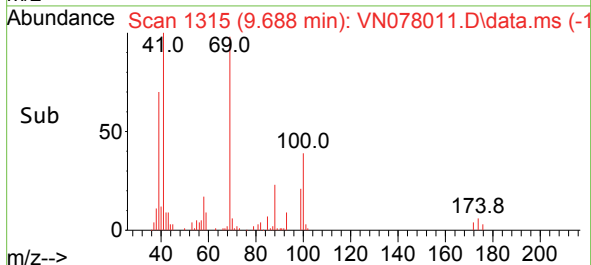
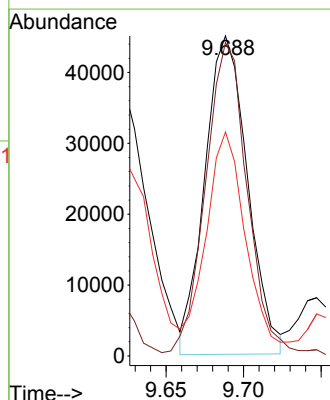
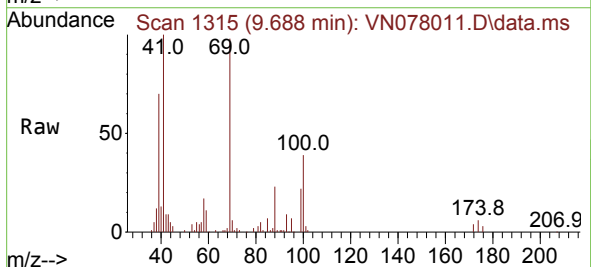
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

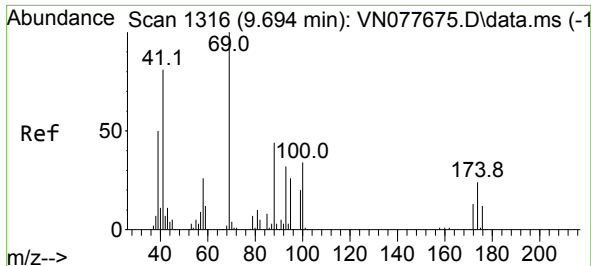
Tgt Ion: 83 Resp: 140531
Ion Ratio Lower Upper
83 100
85 66.9 49.6 74.4
127 8.2 7.0 10.6



#48
Methyl methacrylate
Concen: 21.171 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 41 Resp: 86009
Ion Ratio Lower Upper
41 100
69 95.7 90.4 135.6
39 66.0 54.6 81.8





#49

1,4-Dioxane

Concen: 502.935 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0601MBSD01

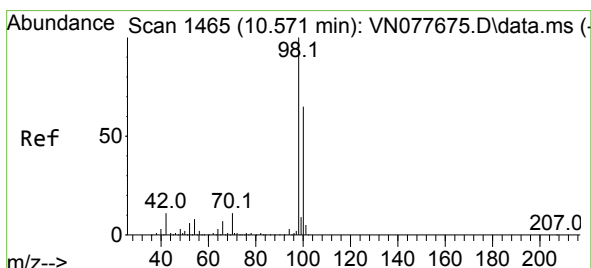
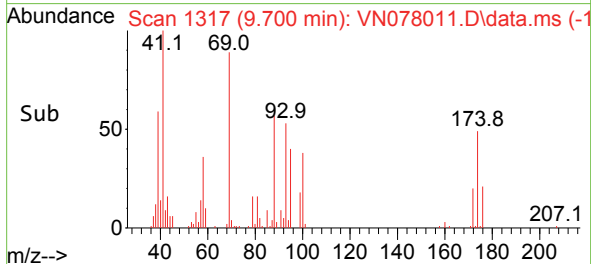
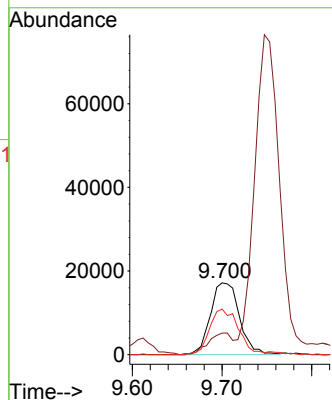
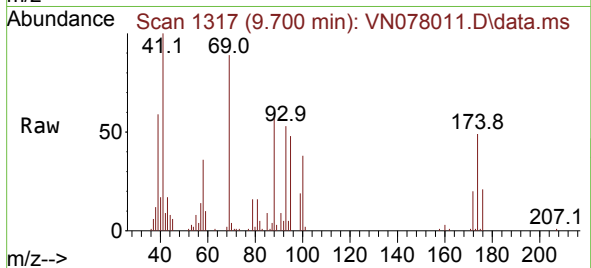
Tgt Ion: 88 Resp: 38591

Ion Ratio Lower Upper

88 100

43 24.9 17.0 25.6

58 65.3 47.0 70.4



#50

Toluene-d8

Concen: 52.555 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078011.D

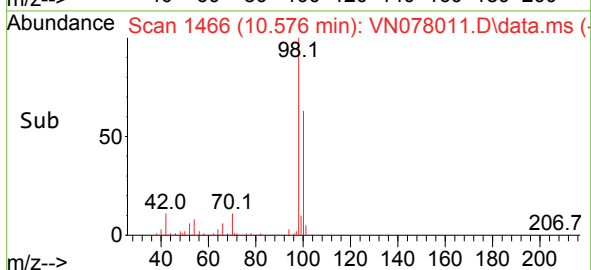
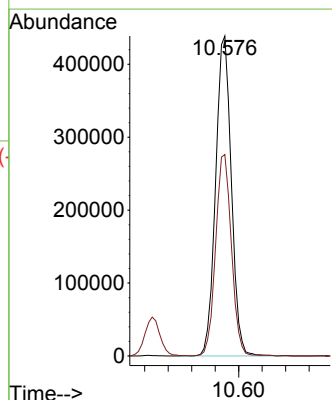
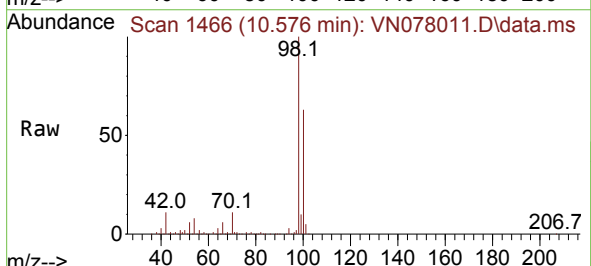
Acq: 01 Jun 2023 15:37

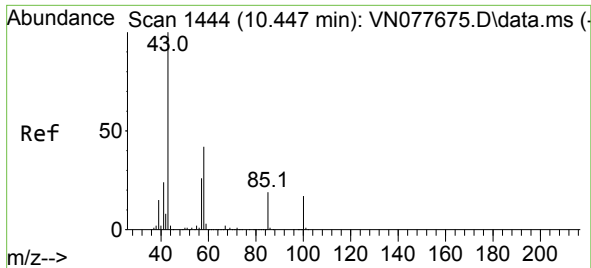
Tgt Ion: 98 Resp: 814004

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0

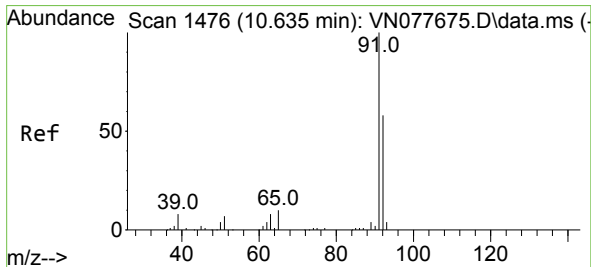
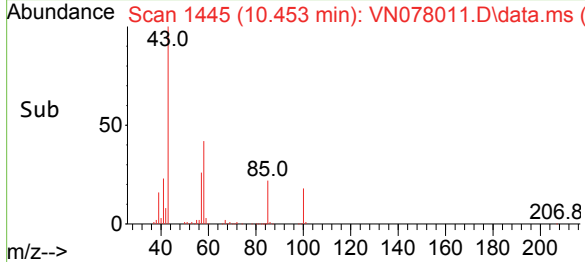
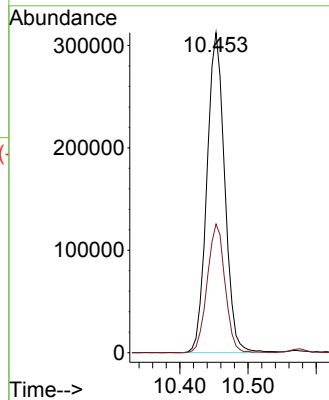
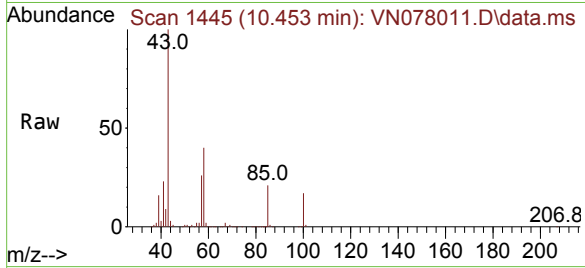




#51
4-Methyl-2-Pentanone
Concen: 111.464 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

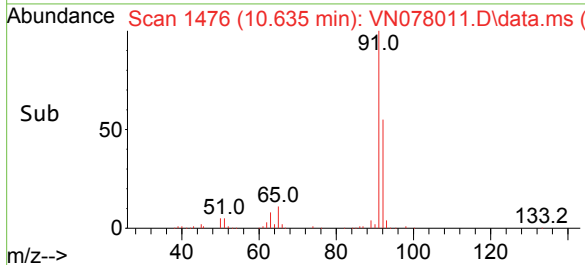
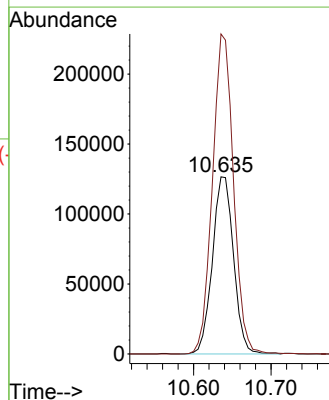
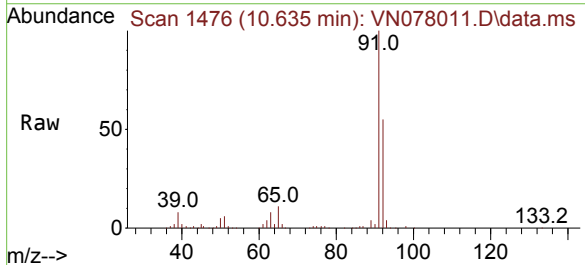
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

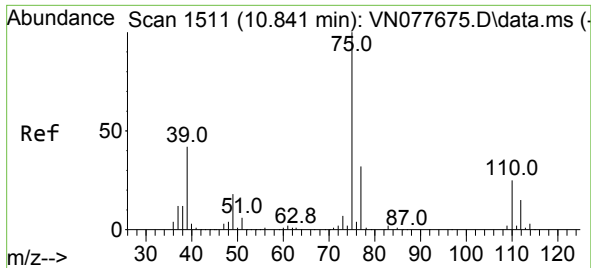
Tgt Ion: 43 Resp: 567727
Ion Ratio Lower Upper
43 100
58 40.3 36.6 54.8



#52
Toluene
Concen: 22.215 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 92 Resp: 240209
Ion Ratio Lower Upper
92 100
91 180.0 137.4 206.0

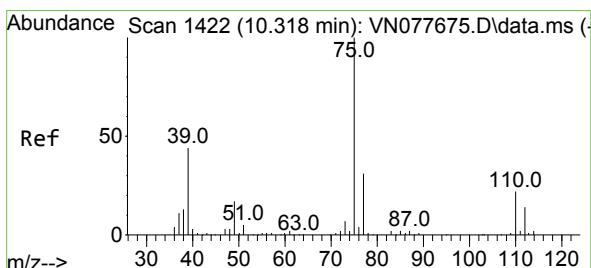
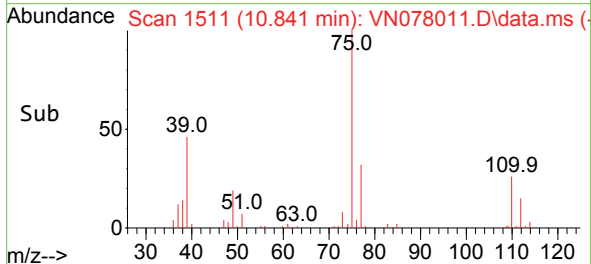
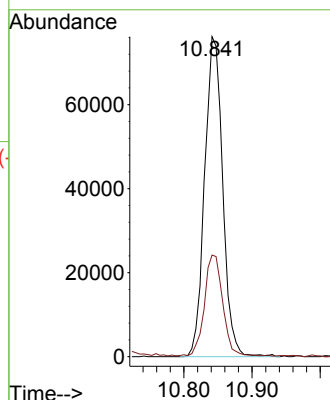
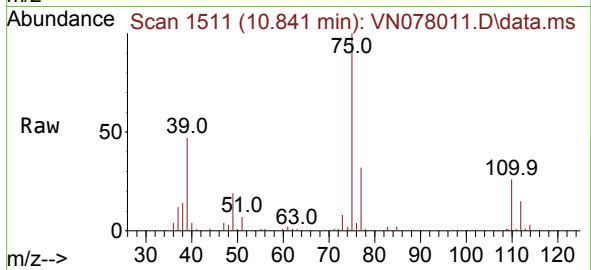




#53
 t-1,3-Dichloropropene
 Concen: 21.832 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078011.D
 Acq: 01 Jun 2023 15:37

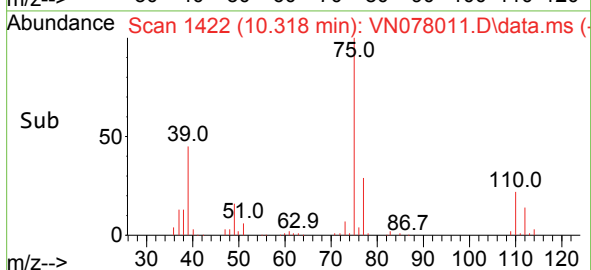
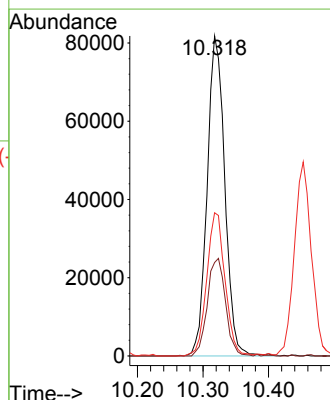
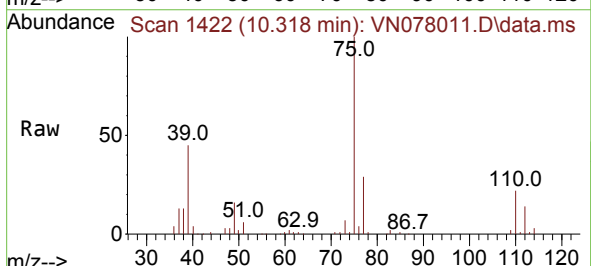
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601MBS01

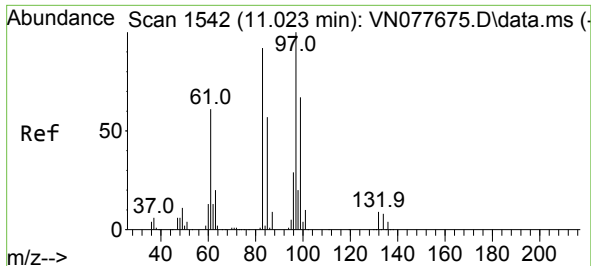
Tgt Ion: 75 Resp: 140315
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.632 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078011.D
 Acq: 01 Jun 2023 15:37

Tgt Ion: 75 Resp: 153215
 Ion Ratio Lower Upper
 75 100
 77 29.2 26.1 39.1
 39 44.7 31.6 47.4

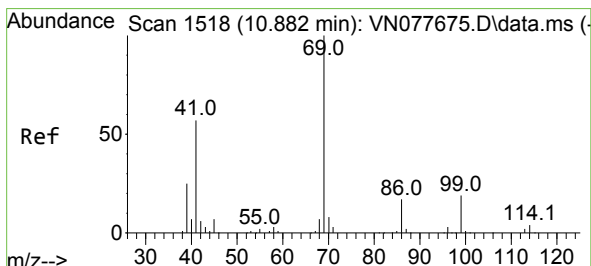
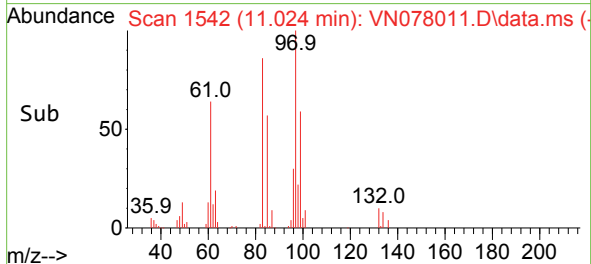
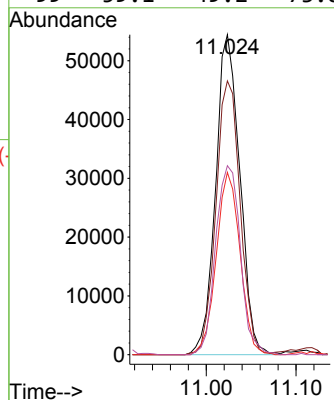
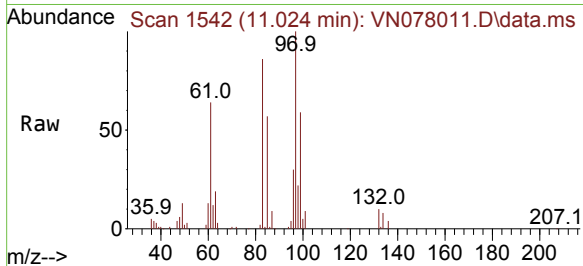




#55
1,1,2-Trichloroethane
Concen: 23.782 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

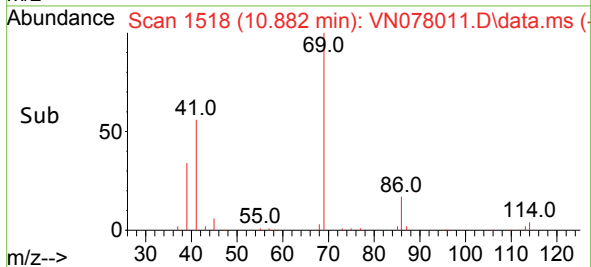
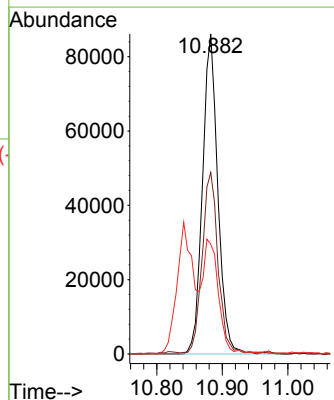
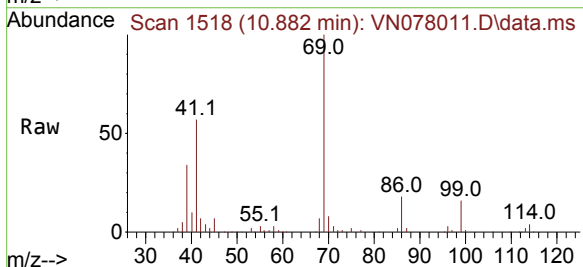
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

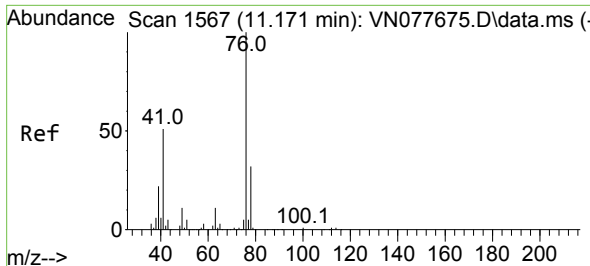
Tgt Ion:	97	Resp:	102102
Ion	Ratio	Lower	Upper
97	100		
83	85.6	65.1	97.7
85	56.9	43.4	65.2
99	59.1	49.2	73.8



#56
Ethyl methacrylate
Concen: 21.666 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion:	69	Resp:	140644
Ion	Ratio	Lower	Upper
69	100		
41	59.0	39.6	59.4
39	35.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 22.570 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

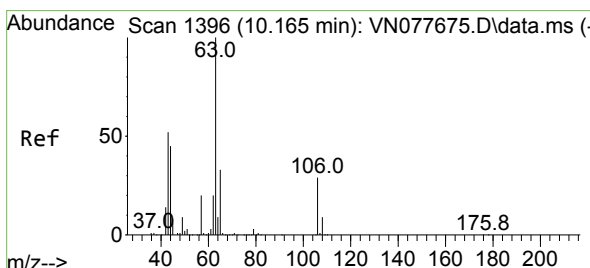
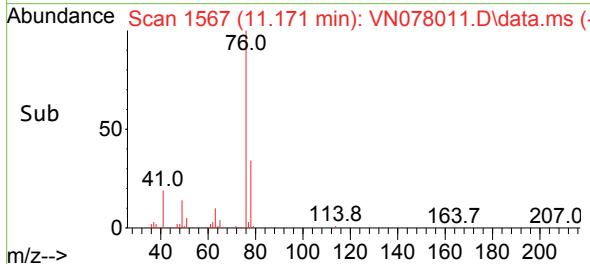
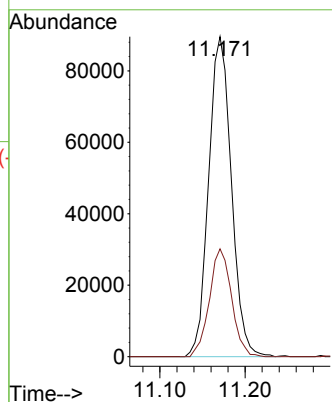
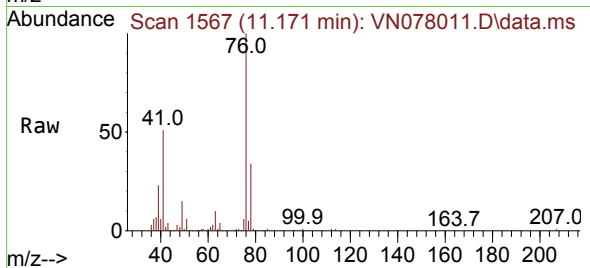
VN0601MBSD01

Tgt Ion: 76 Resp: 166120

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 71.378 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN078011.D

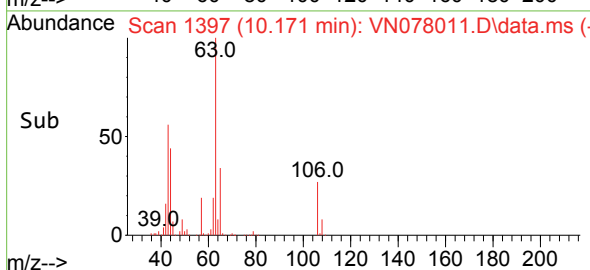
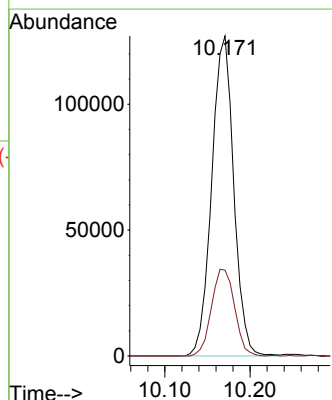
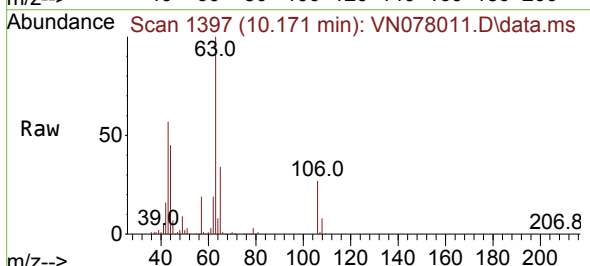
Acq: 01 Jun 2023 15:37

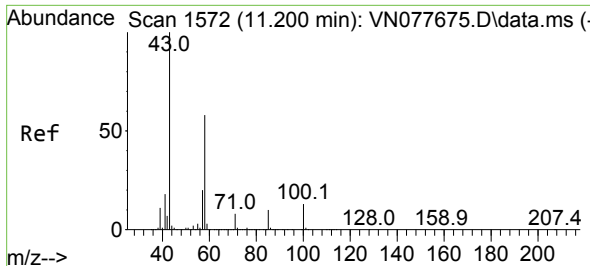
Tgt Ion: 63 Resp: 227948

Ion Ratio Lower Upper

63 100

106 28.4 26.2 39.4

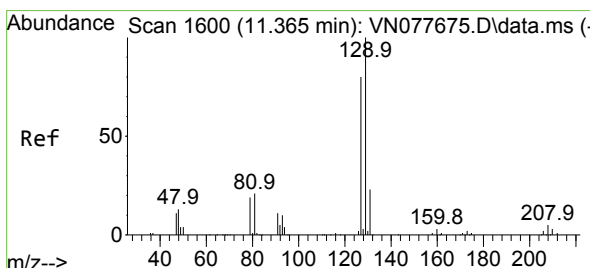
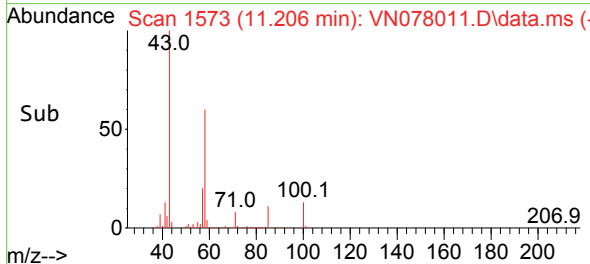
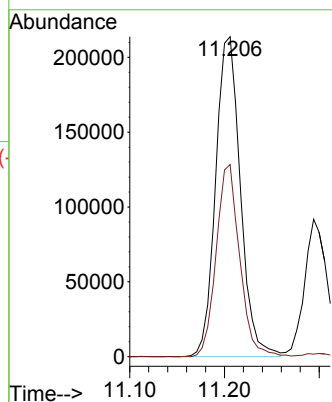
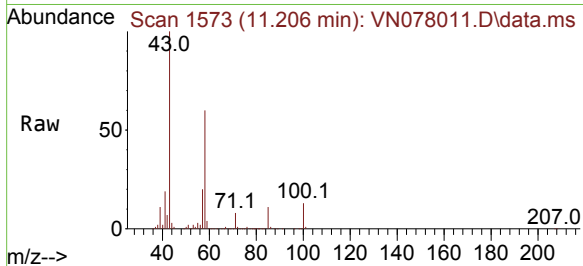




#59
2-Hexanone
Concen: 103.162 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

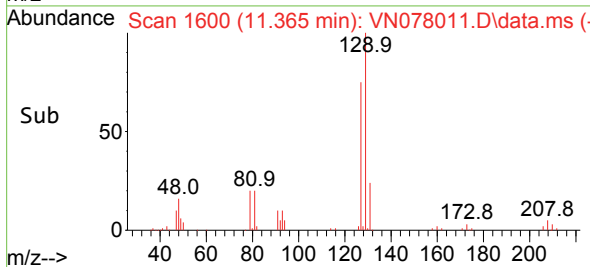
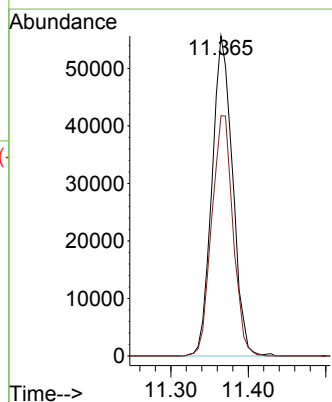
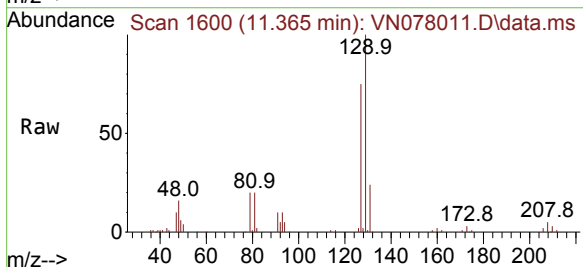
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

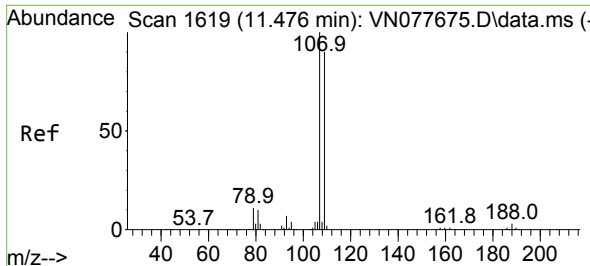
Tgt Ion: 43 Resp: 388649
Ion Ratio Lower Upper
43 100
58 57.1 31.7 95.1



#60
Dibromochloromethane
Concen: 23.268 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 129 Resp: 103126
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0

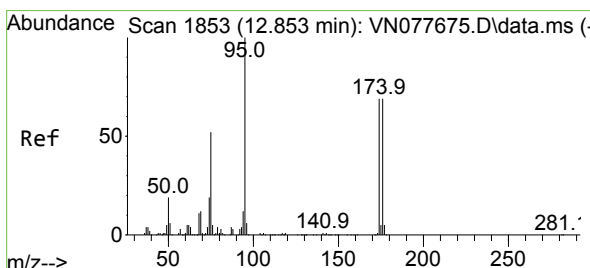
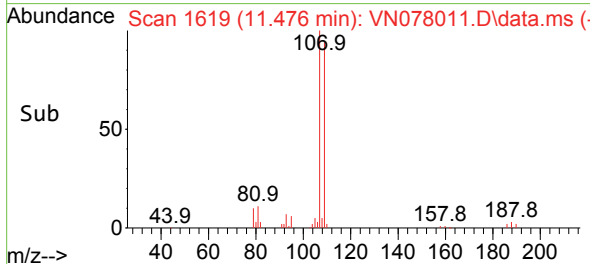
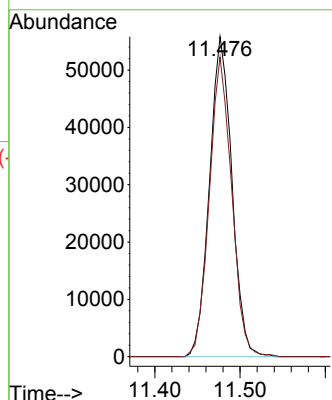
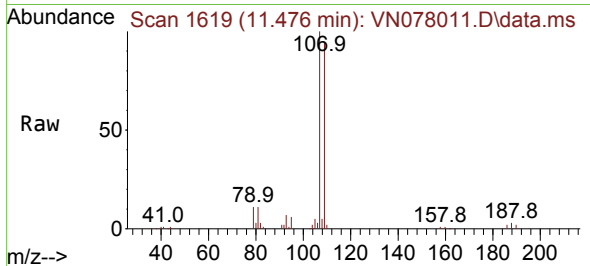




#61
1,2-Dibromoethane
Concen: 23.831 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

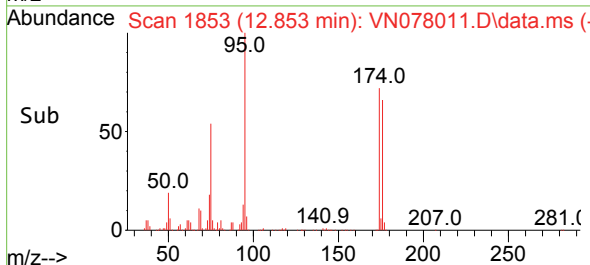
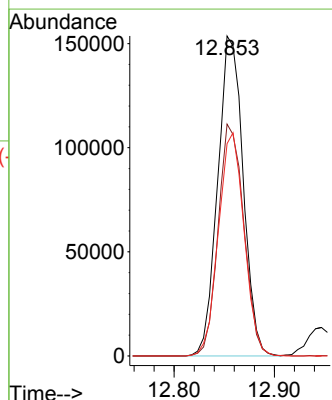
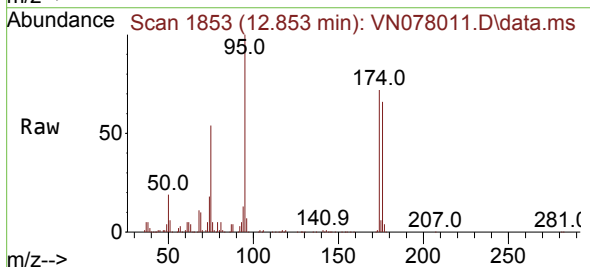
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

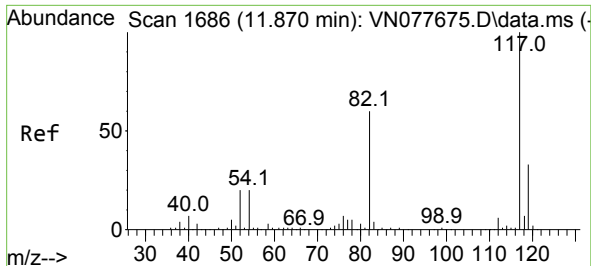
Tgt Ion:107 Resp: 102072
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 49.373 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 95 Resp: 270083
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 70.6 0.0 135.8

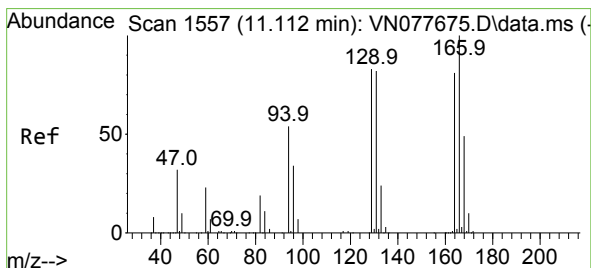
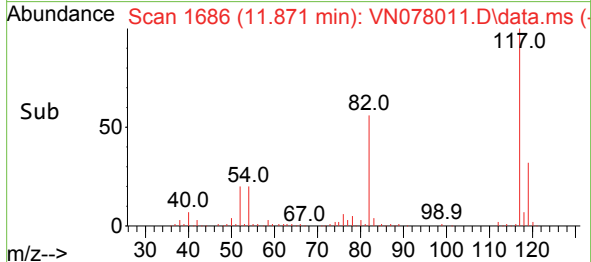
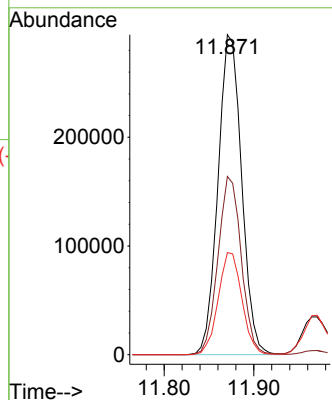
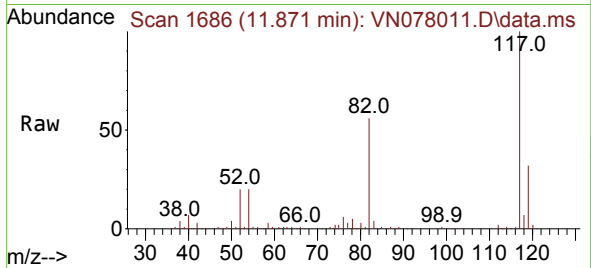




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

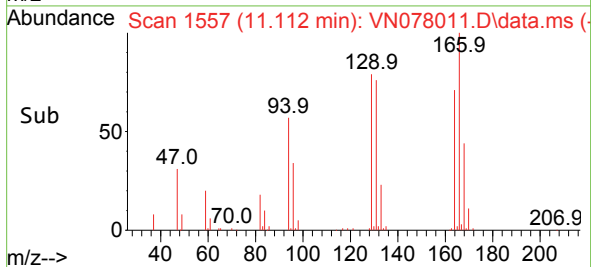
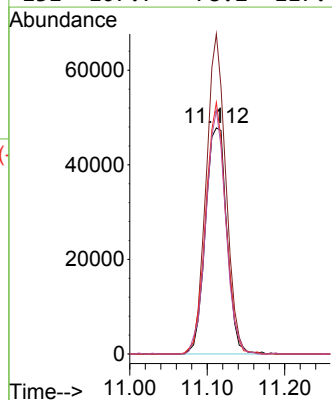
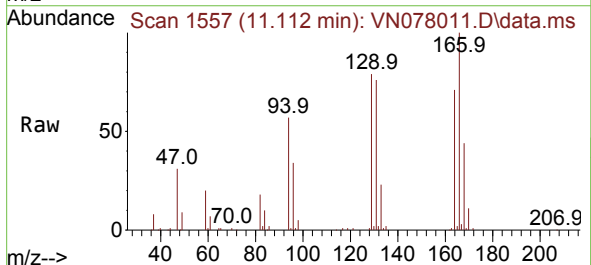
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

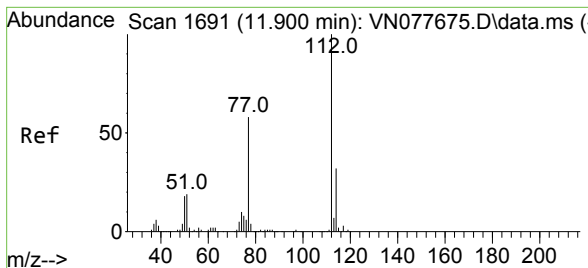
Tgt Ion:117 Resp: 538742
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 24.343 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion:164 Resp: 91714
Ion Ratio Lower Upper
164 100
166 141.6 101.4 152.0
129 111.3 82.4 123.6
131 107.7 78.2 117.4





#65

Chlorobenzene

Concen: 22.198 ug/l

RT: 11.900 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

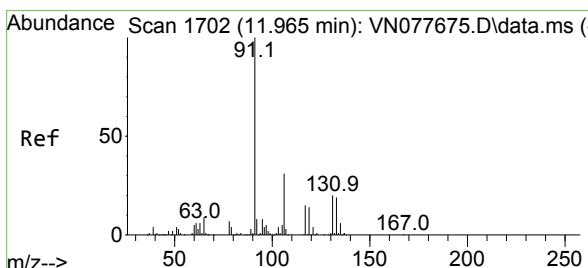
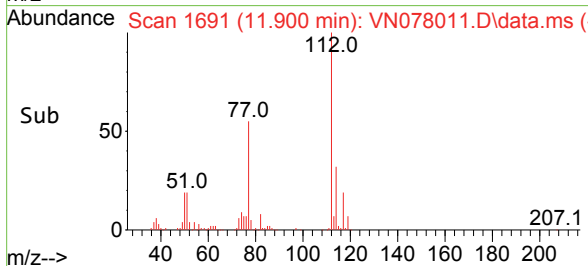
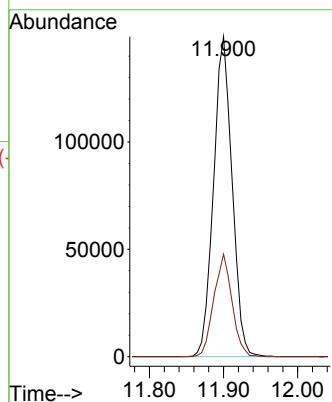
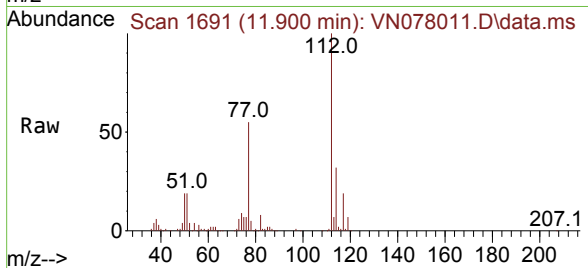
VN0601MBSD01

Tgt Ion:112 Resp: 259253

Ion Ratio Lower Upper

112 100

114 32.1 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 23.892 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. 0.005 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

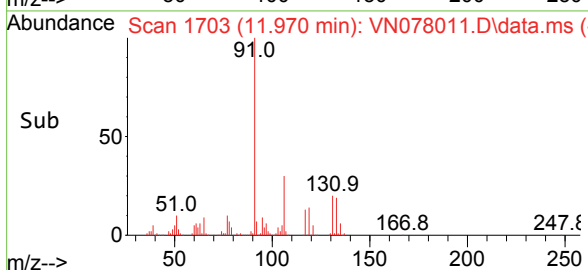
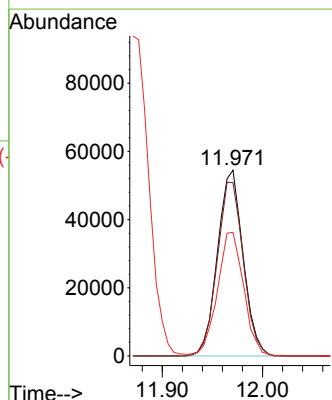
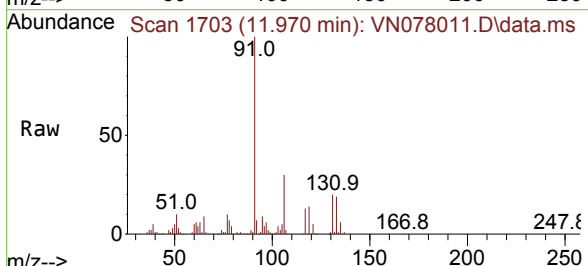
Tgt Ion:131 Resp: 96551

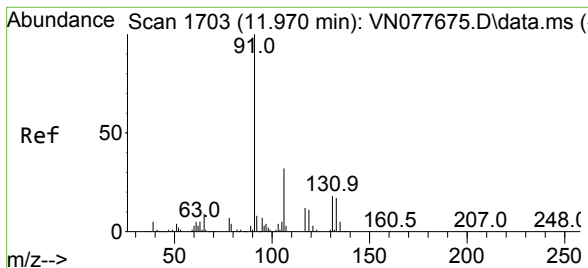
Ion Ratio Lower Upper

131 100

133 96.0 46.4 139.1

119 68.4 34.1 102.2





#67

Ethyl Benzene

Concen: 21.885 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

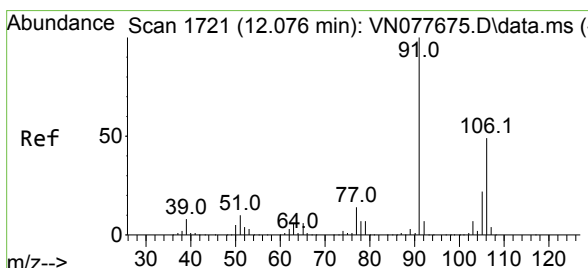
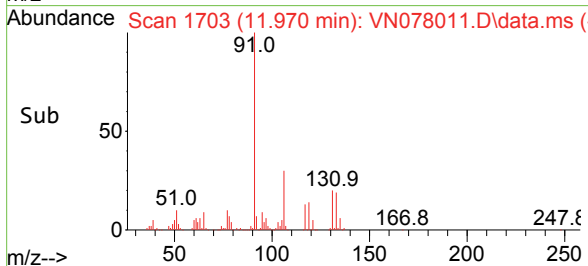
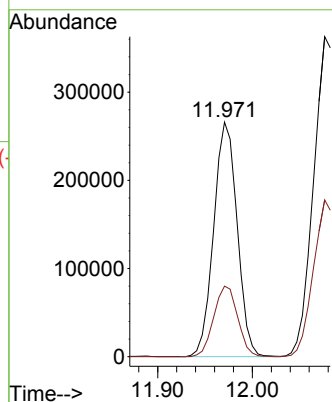
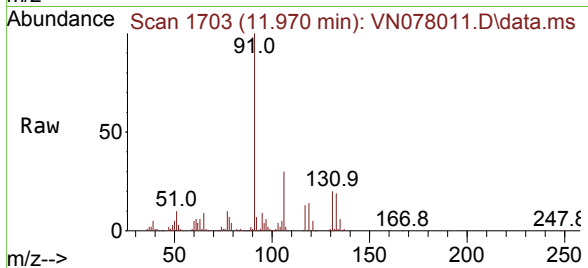
VN0601MBSD01

Tgt Ion: 91 Resp: 458057

Ion Ratio Lower Upper

91 100

106 30.1 25.6 38.4



#68

m/p-Xylenes

Concen: 43.547 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN078011.D

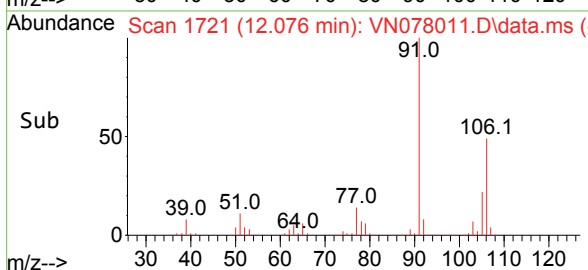
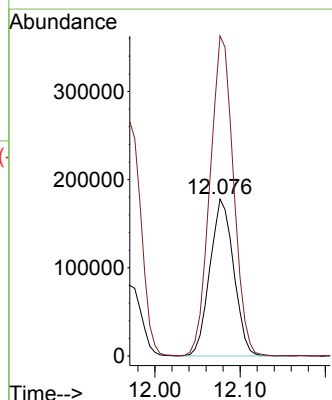
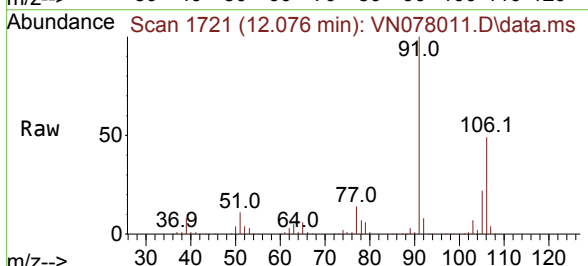
Acq: 01 Jun 2023 15:37

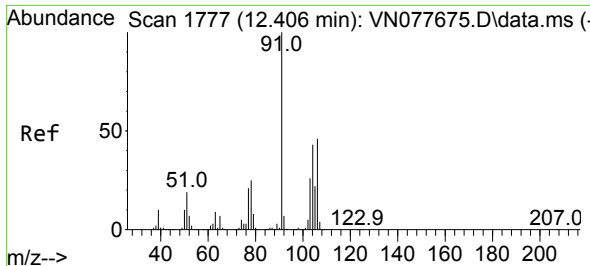
Tgt Ion: 106 Resp: 345350

Ion Ratio Lower Upper

106 100

91 201.4 159.6 239.4

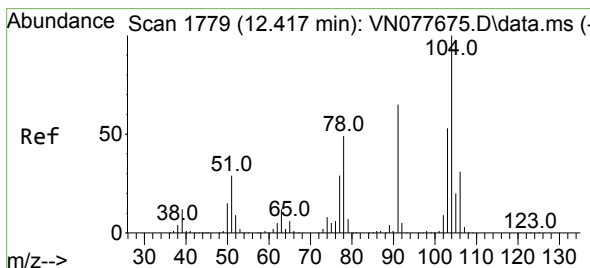
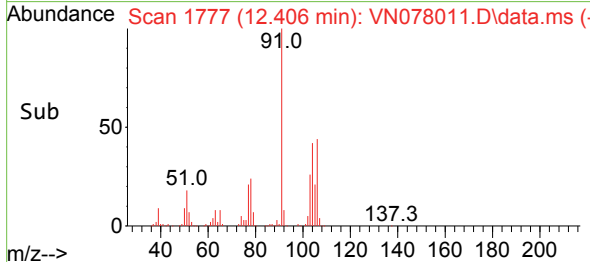
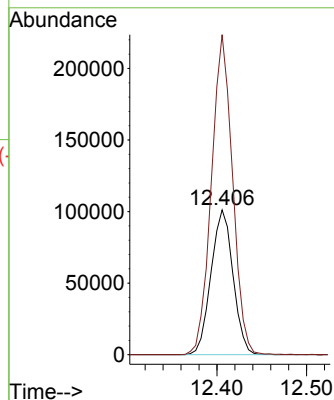
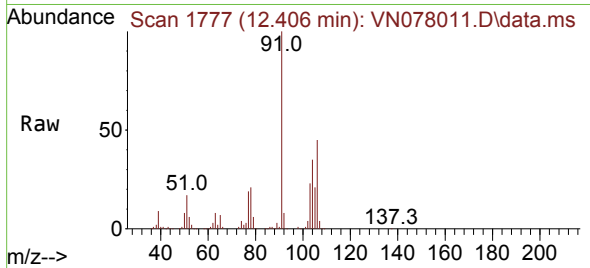




#69
o-Xylene
Concen: 22.100 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

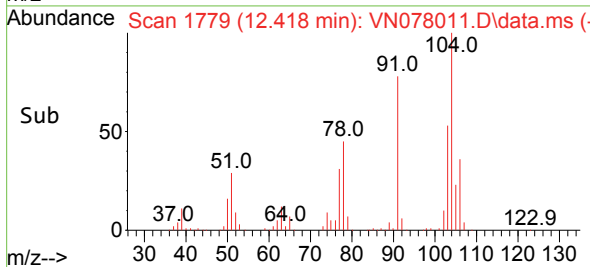
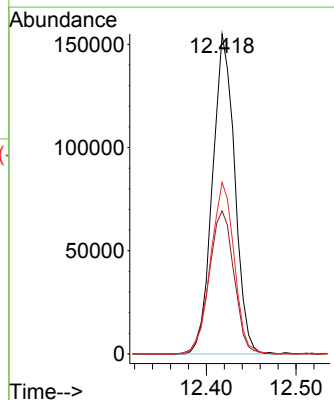
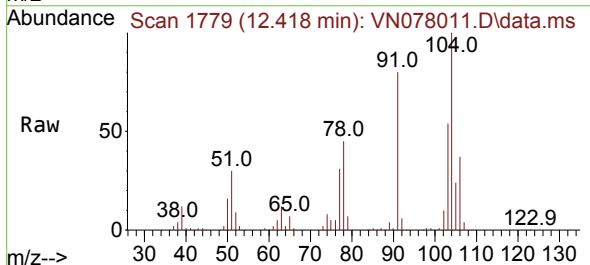
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

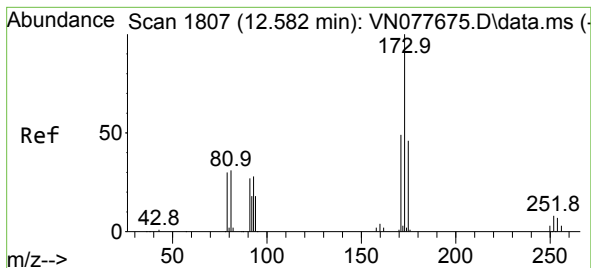
Tgt Ion:106 Resp: 172360
Ion Ratio Lower Upper
106 100
91 212.8 105.2 315.5



#70
Styrene
Concen: 21.463 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion:104 Resp: 265921
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 57.0 43.2 64.8





#71

Bromoform

Concen: 24.462 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0601MBSD01

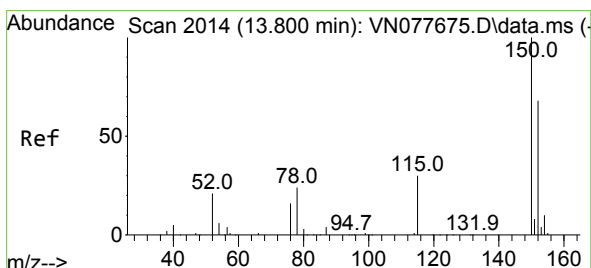
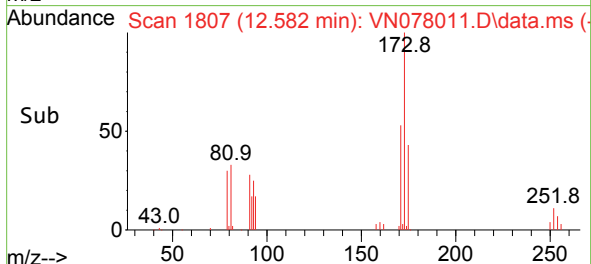
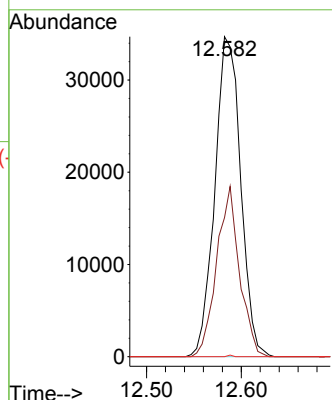
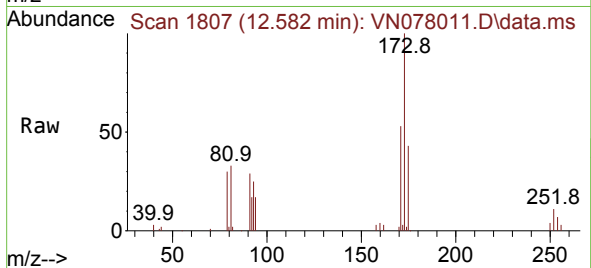
Tgt Ion:173 Resp: 65763

Ion Ratio Lower Upper

173 100

175 47.1 24.3 73.0

254 0.1 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: VN078011.D

Acq: 01 Jun 2023 15:37

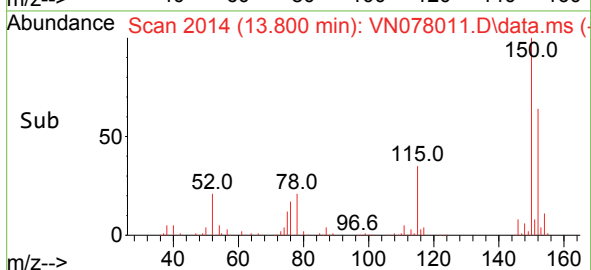
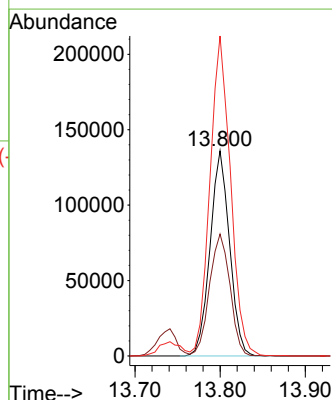
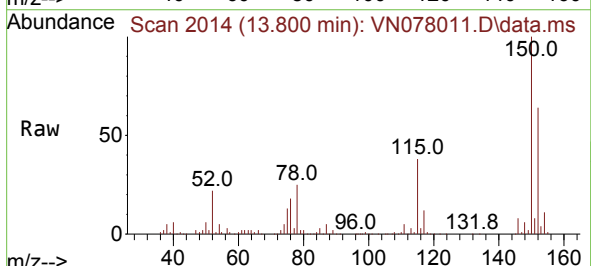
Tgt Ion:152 Resp: 215944

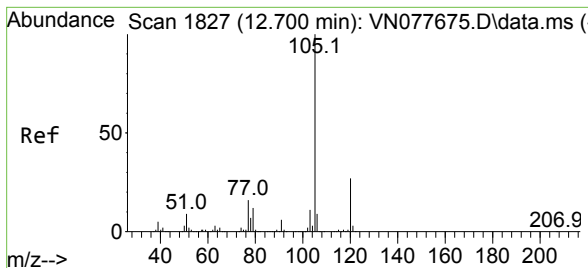
Ion Ratio Lower Upper

152 100

115 62.5 32.3 96.8

150 164.6 0.0 355.8





#73

Isopropylbenzene

Concen: 23.881 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

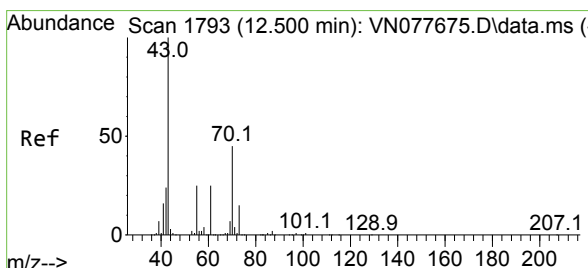
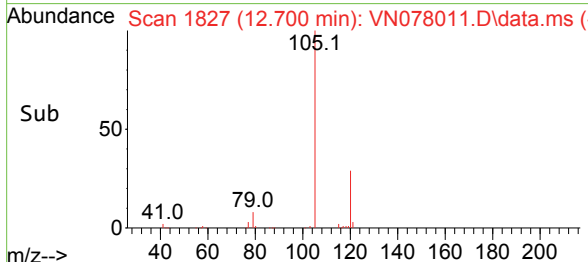
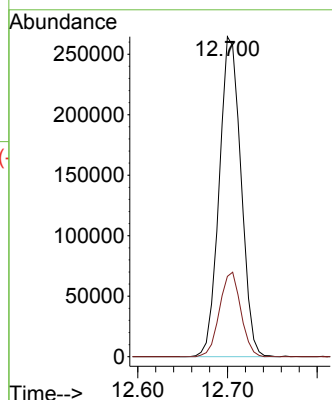
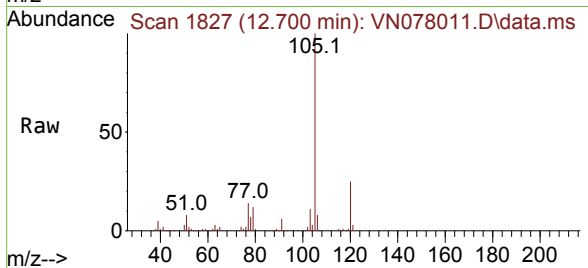
VN0601MBSD01

Tgt Ion:105 Resp: 444530

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 20.629 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Tgt Ion: 43 Resp: 141939

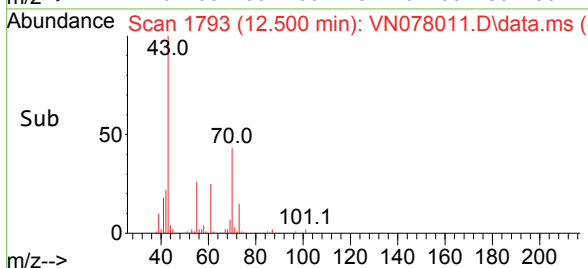
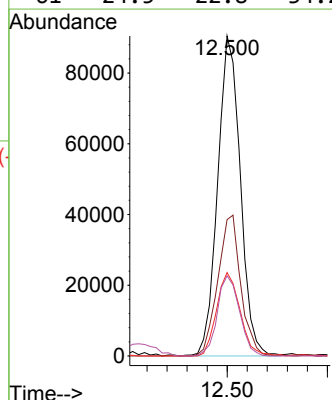
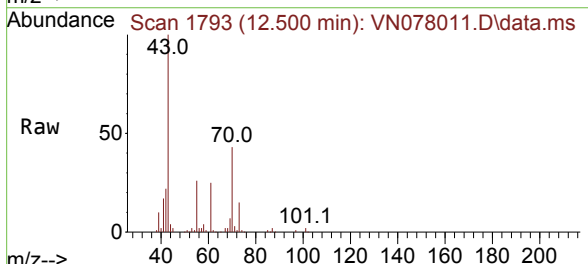
Ion Ratio Lower Upper

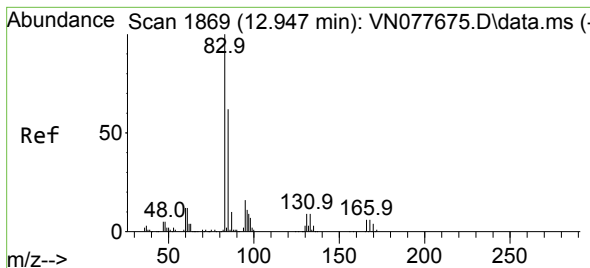
43 100

70 44.7 43.4 65.2

55 27.0 21.4 32.0

61 24.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 24.295 ug/l

RT: 12.947 min Scan# 1869

Delta R.T. -0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0601MBS01

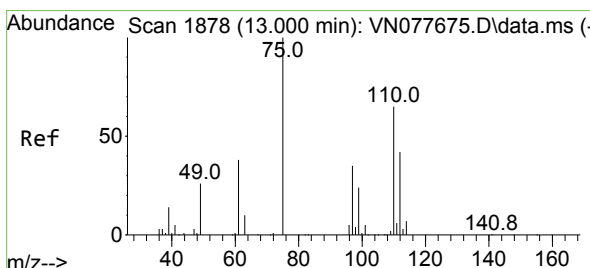
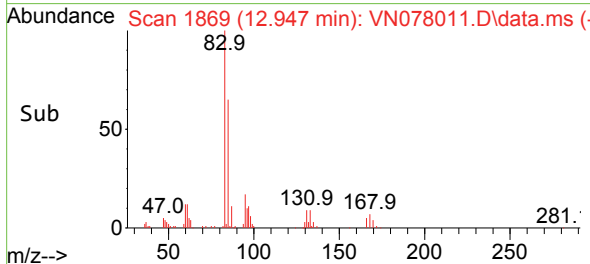
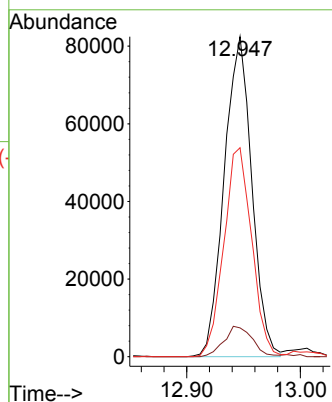
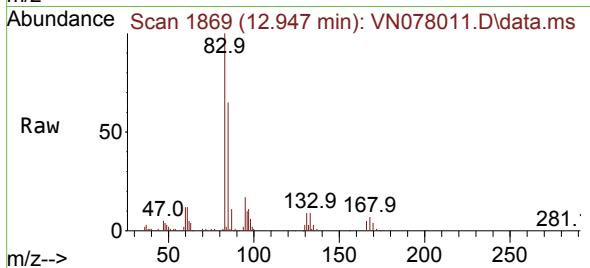
Tgt Ion: 83 Resp: 139128

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: 30.153 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078011.D

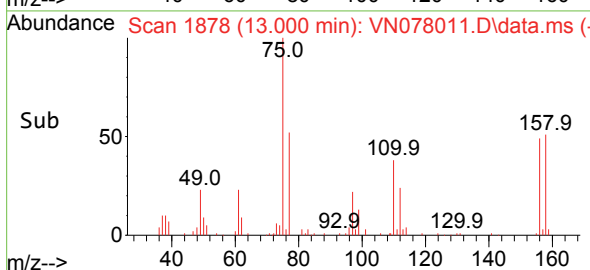
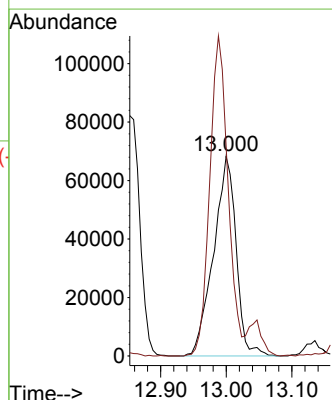
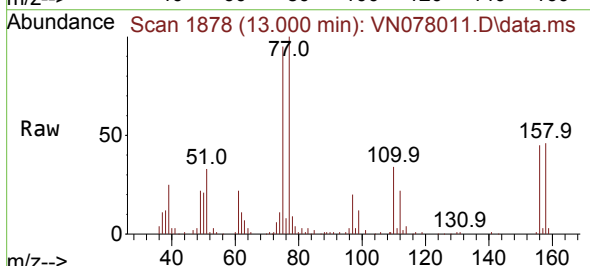
Acq: 01 Jun 2023 15:37

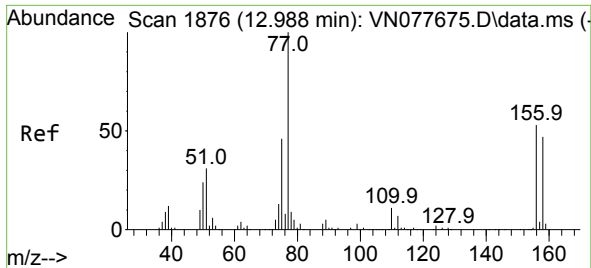
Tgt Ion: 75 Resp: 163066

Ion Ratio Lower Upper

75 100

77 131.2 84.5 253.5

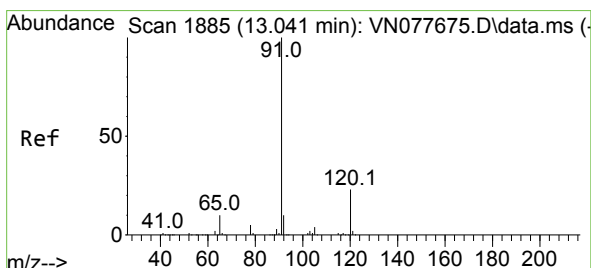
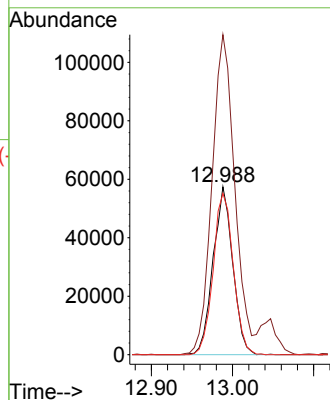
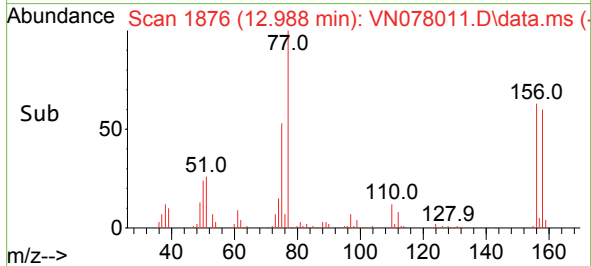
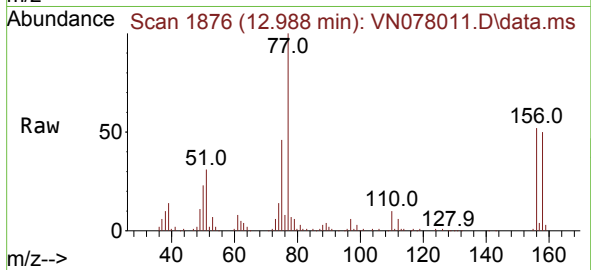




#77
Bromobenzene
Concen: 22.770 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

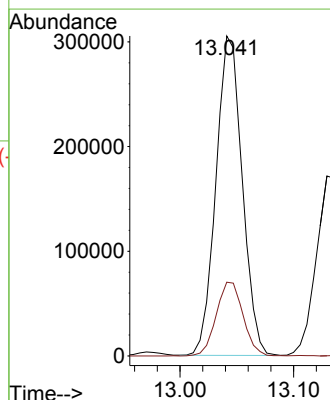
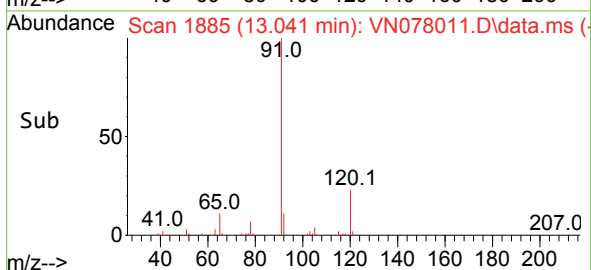
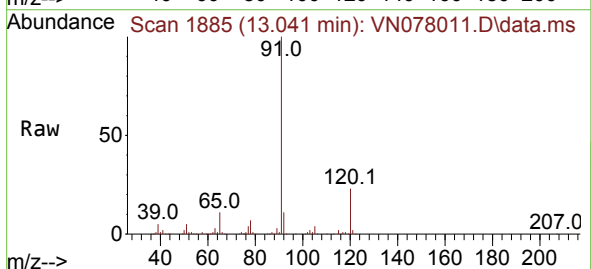
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

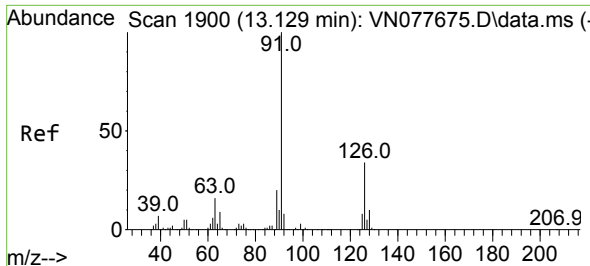
Tgt Ion:156 Resp: 96726
Ion Ratio Lower Upper
156 100
77 221.3 107.7 323.3
158 98.4 48.4 145.3



#78
n-propylbenzene
Concen: 22.367 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 91 Resp: 490842
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4

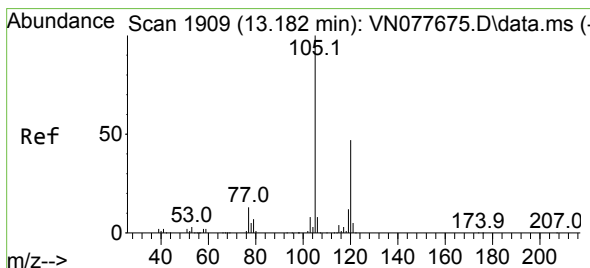
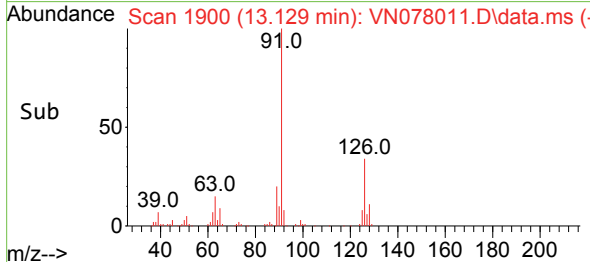
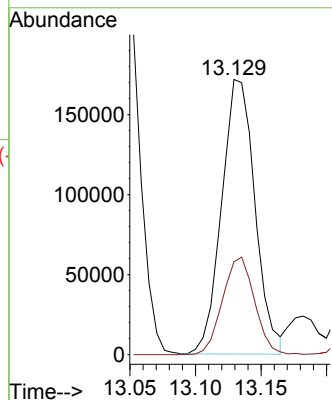
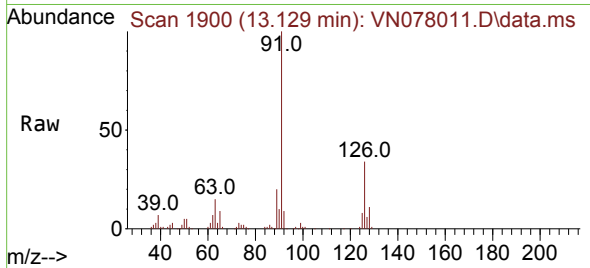




#79
2-Chlorotoluene
Concen: 23.223 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

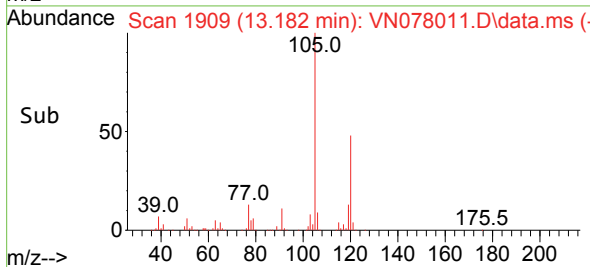
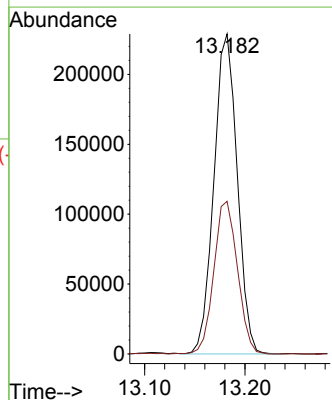
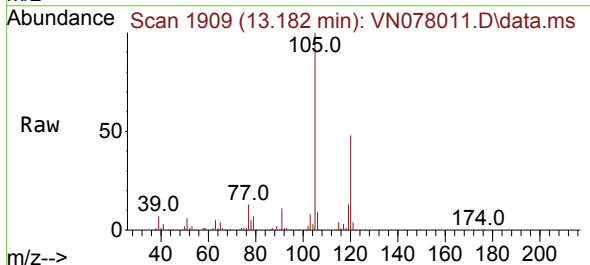
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

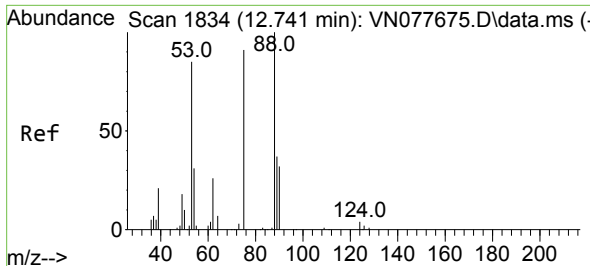
Tgt Ion: 91 Resp: 304107
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 23.655 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 105 Resp: 370083
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

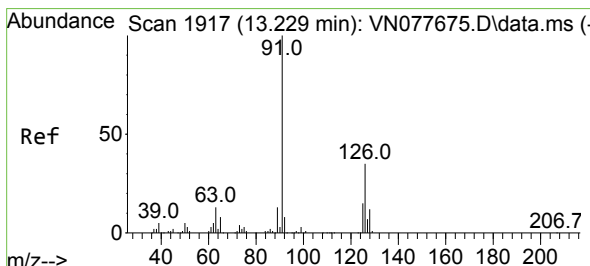
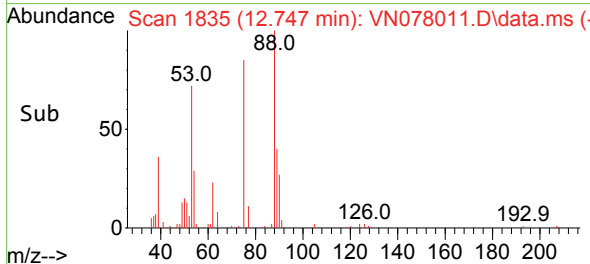
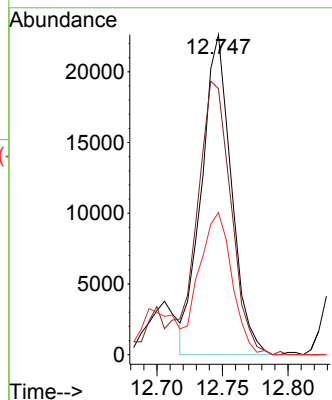
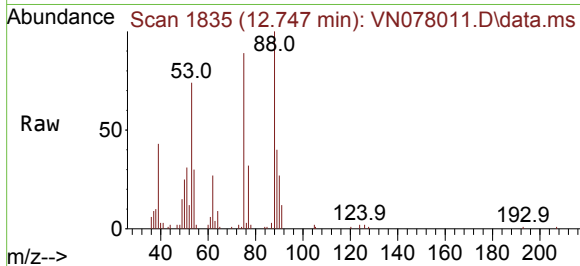




#81
trans-1,4-Dichloro-2-butene
Concen: 21.148 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

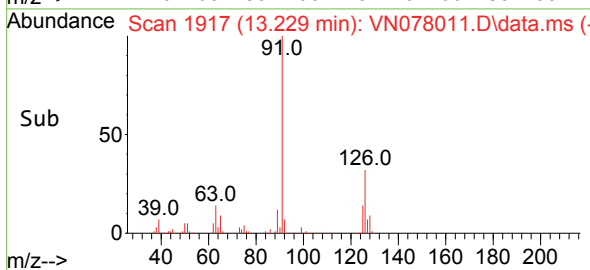
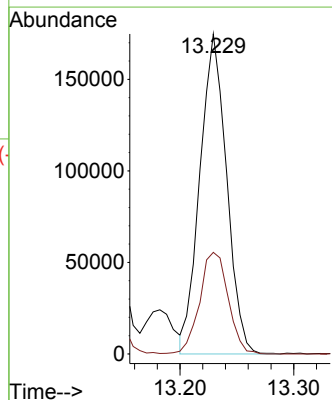
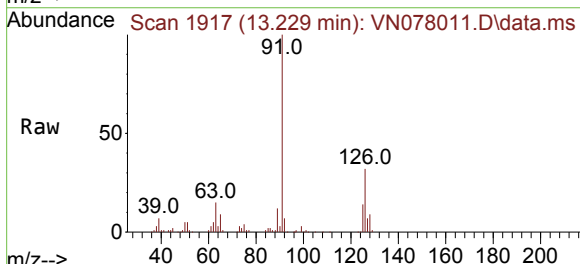
Instrument :
MSVOA_N
ClientSampleId :
VN0601MBSD01

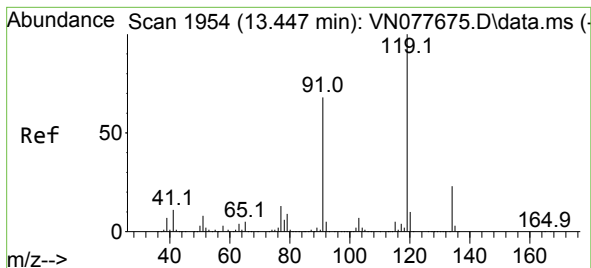
Tgt Ion: 75 Resp: 35779
Ion Ratio Lower Upper
75 100
53 96.4 67.4 101.2
89 49.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 21.920 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078011.D
Acq: 01 Jun 2023 15:37

Tgt Ion: 91 Resp: 285602
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0





#83

tert-Butylbenzene

Concen: 22.967 ug/l

RT: 13.447 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0601MBSD01

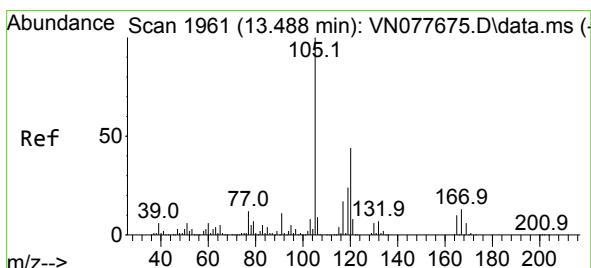
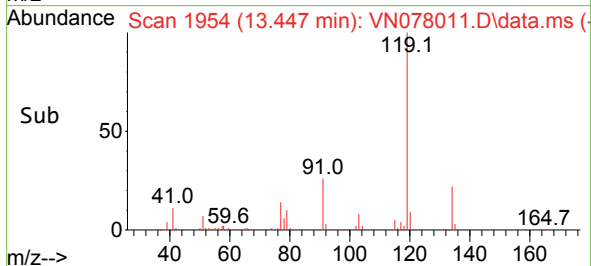
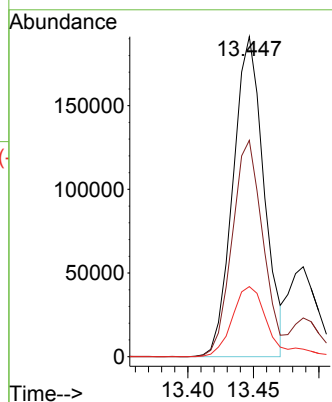
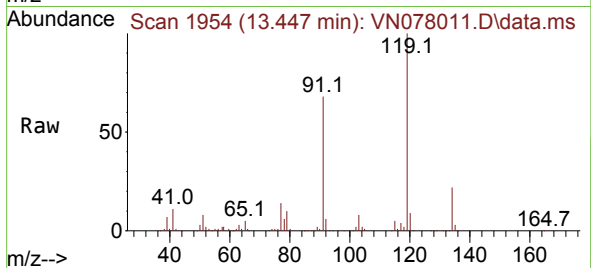
Tgt Ion:119 Resp: 313679

Ion Ratio Lower Upper

119 100

91 68.6 33.9 101.7

134 25.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 23.412 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078011.D

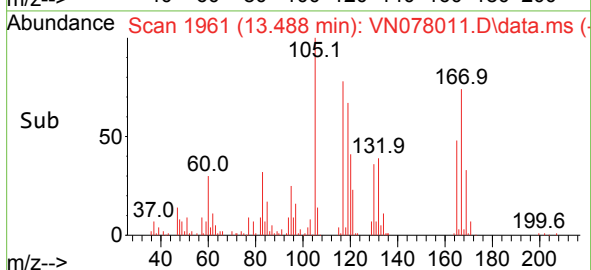
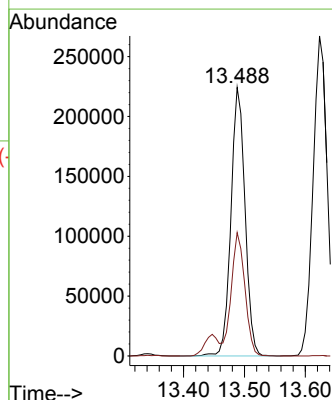
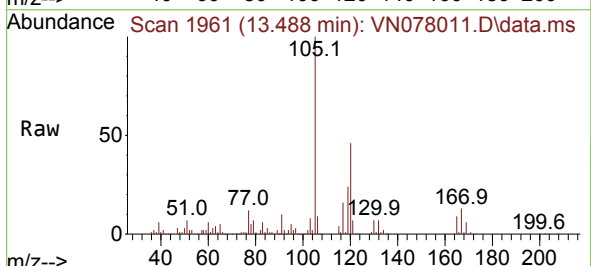
Acq: 01 Jun 2023 15:37

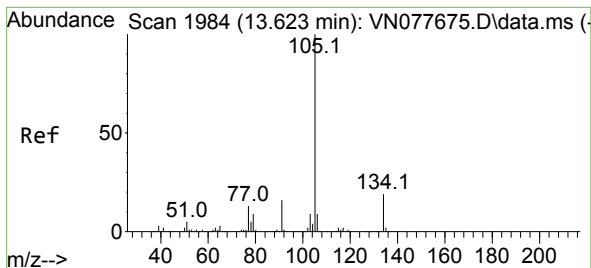
Tgt Ion:105 Resp: 360228

Ion Ratio Lower Upper

105 100

120 45.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 22.169 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

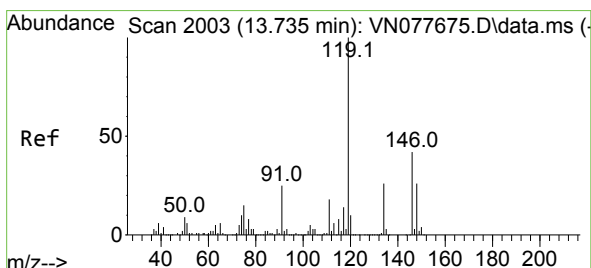
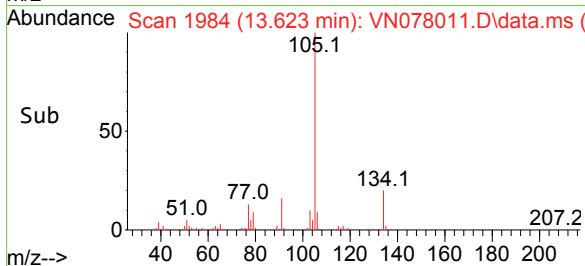
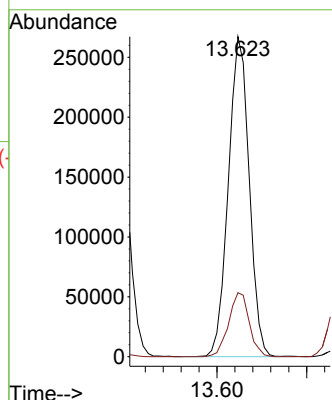
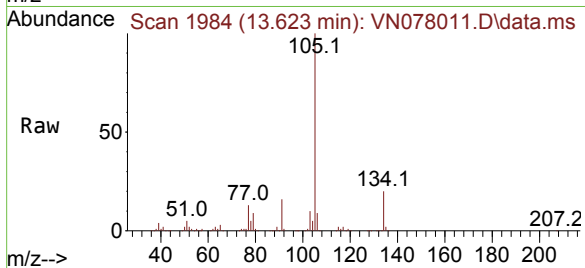
VN0601MBSD01

Tgt Ion:105 Resp: 430306

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 22.878 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

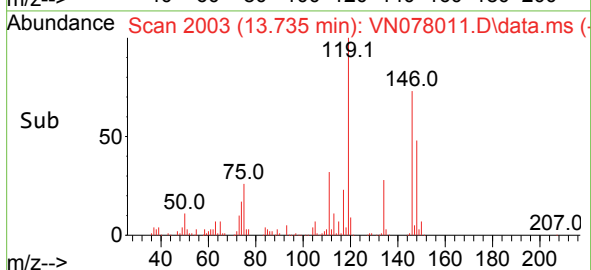
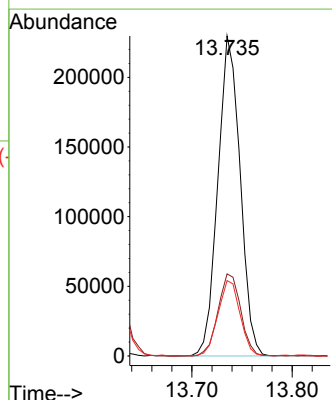
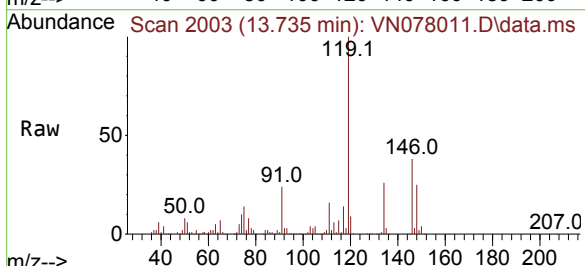
Tgt Ion:119 Resp: 354023

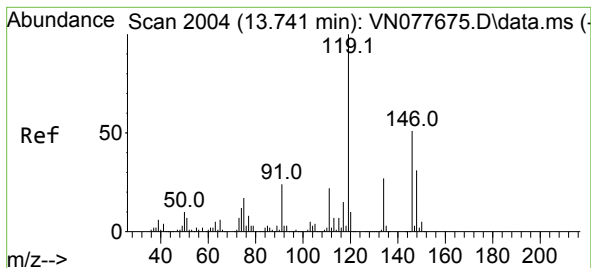
Ion Ratio Lower Upper

119 100

134 26.2 12.6 37.8

91 23.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 21.392 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0601MBS01

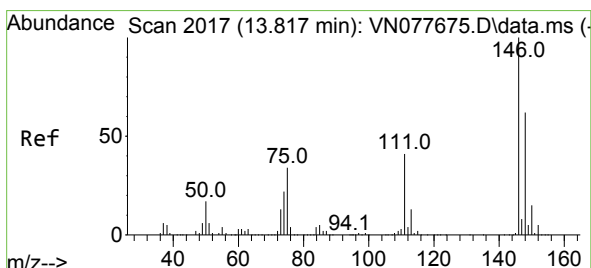
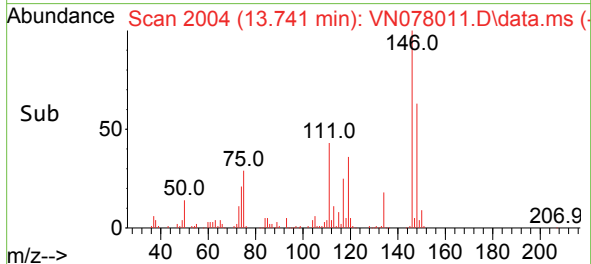
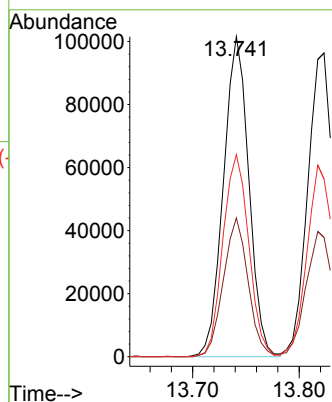
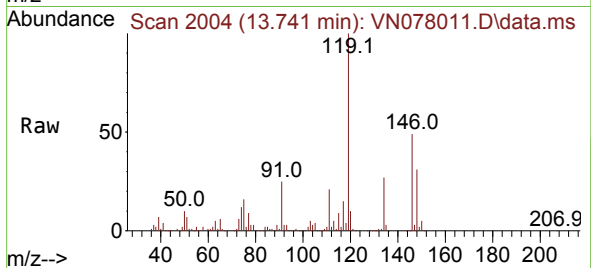
Tgt Ion:146 Resp: 168050

Ion Ratio Lower Upper

146 100

111 42.2 22.1 66.3

148 64.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 20.744 ug/l

RT: 13.823 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

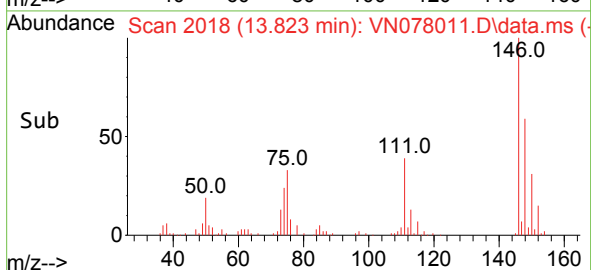
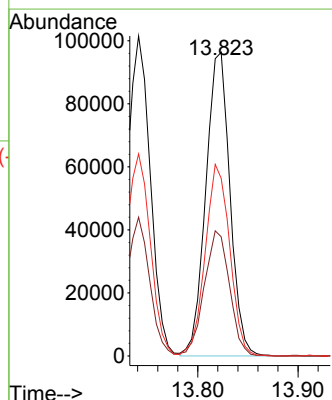
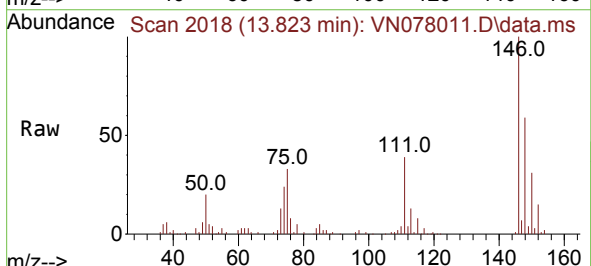
Tgt Ion:146 Resp: 161716

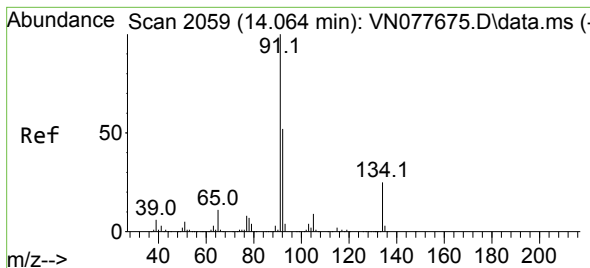
Ion Ratio Lower Upper

146 100

111 43.3 20.6 61.8

148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 19.458 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0601MBS01

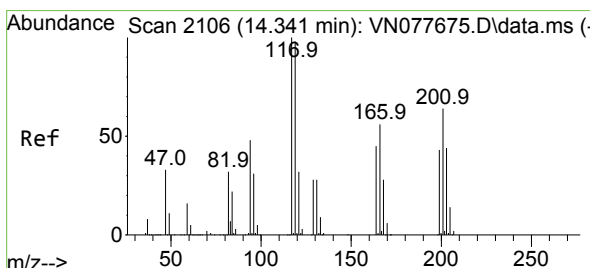
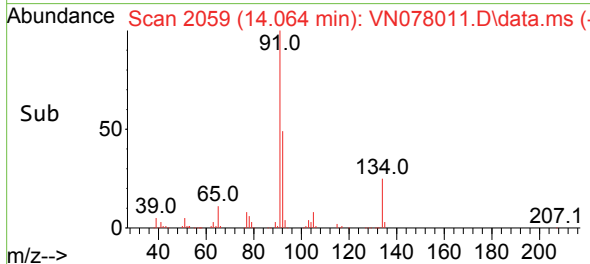
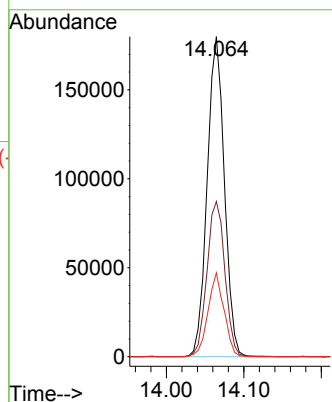
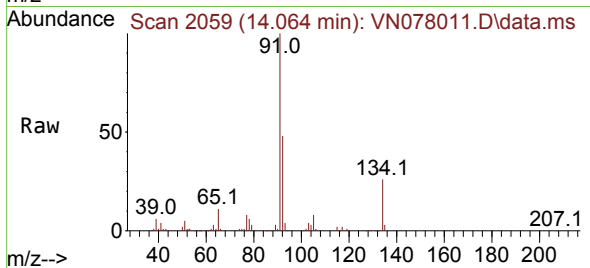
Tgt Ion: 91 Resp: 276947

Ion Ratio Lower Upper

91 100

92 50.6 26.4 79.0

134 24.6 12.6 37.6



#90

Hexachloroethane

Concen: 23.566 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN078011.D

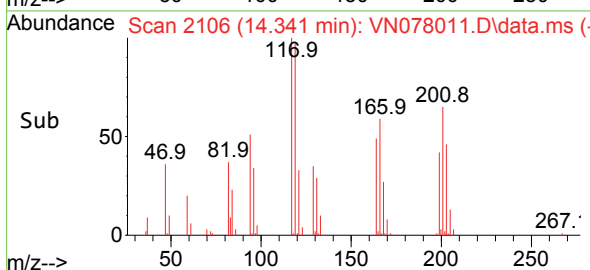
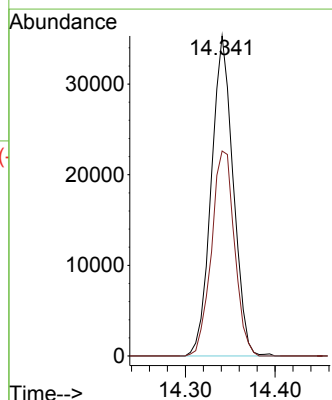
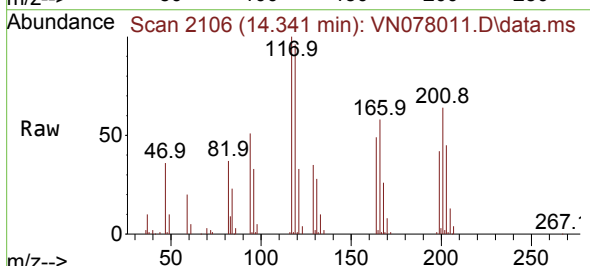
Acq: 01 Jun 2023 15:37

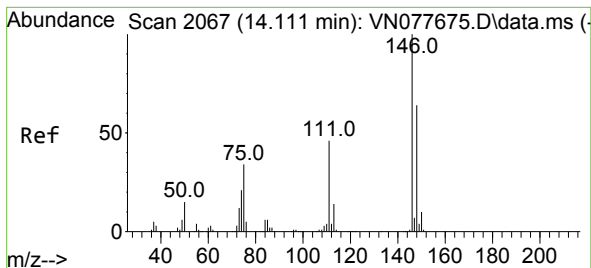
Tgt Ion: 117 Resp: 59907

Ion Ratio Lower Upper

117 100

201 67.4 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 23.454 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0601MBSD01

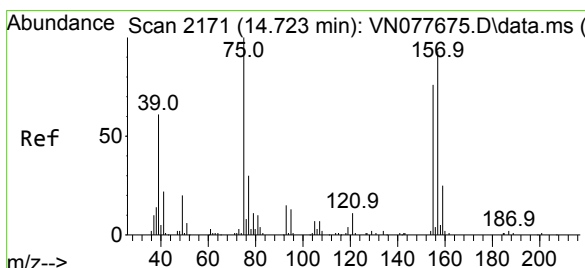
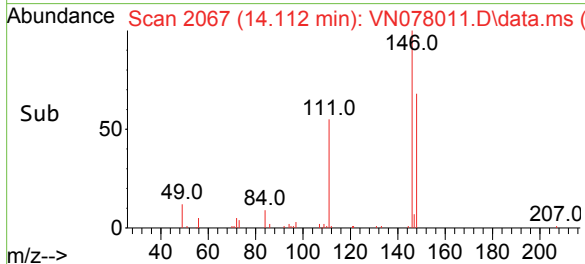
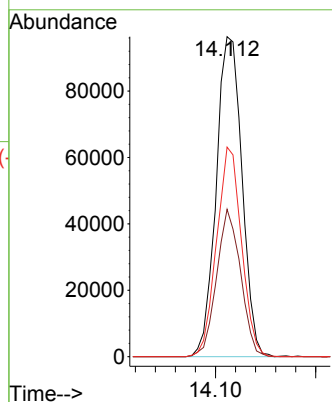
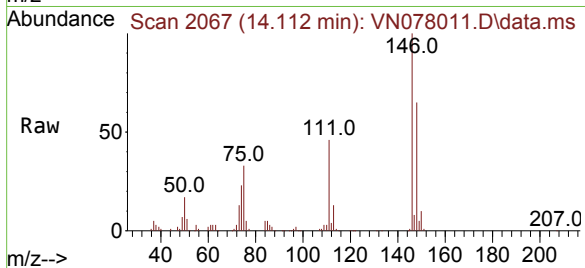
Tgt Ion:146 Resp: 172131

Ion Ratio Lower Upper

146 100

111 42.8 22.0 66.0

148 63.2 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.149 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

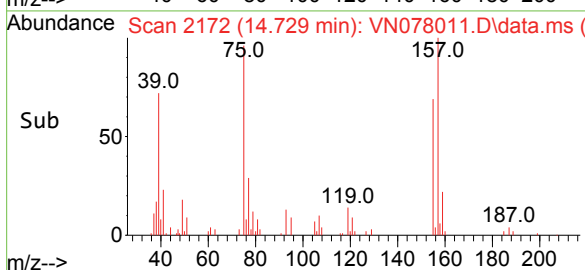
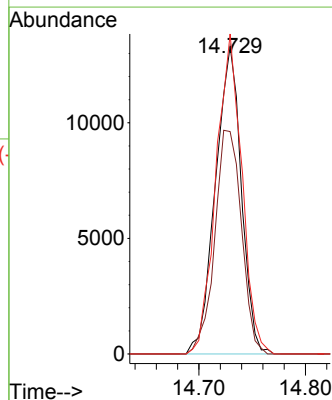
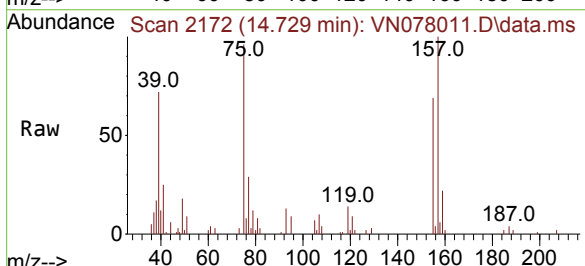
Tgt Ion: 75 Resp: 22339

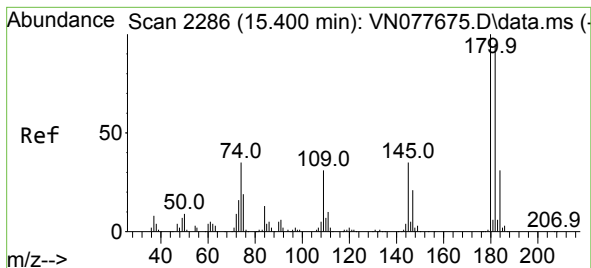
Ion Ratio Lower Upper

75 100

155 75.4 39.1 117.2

157 103.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 14.609 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0601MBS01

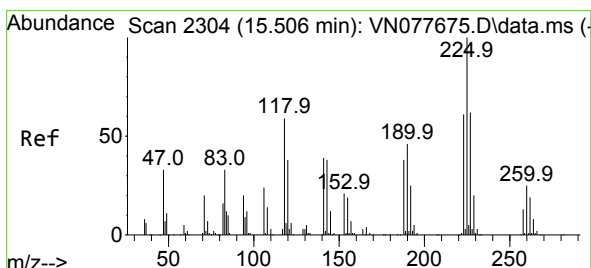
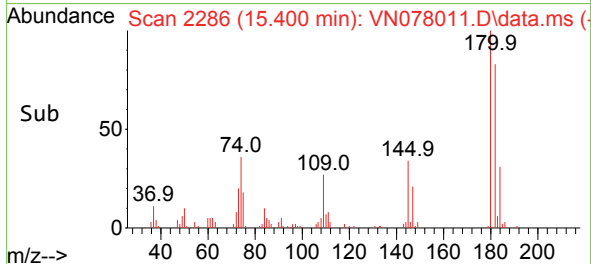
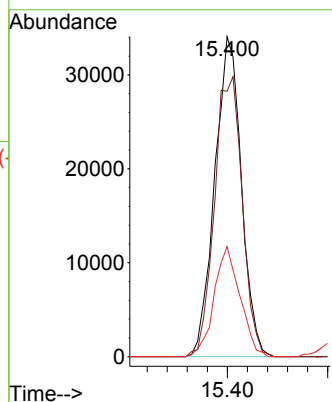
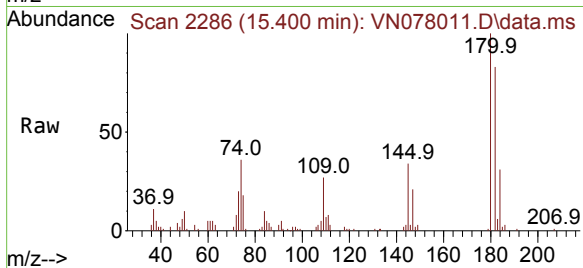
Tgt Ion:180 Resp: 62653

Ion Ratio Lower Upper

180 100

182 91.5 46.1 138.2

145 33.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 19.559 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

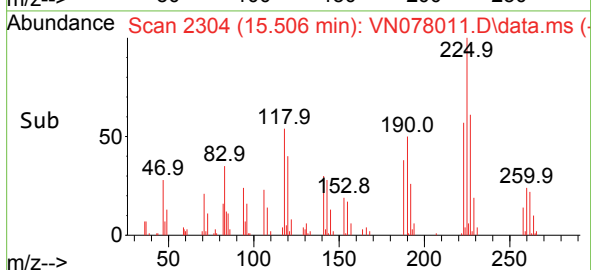
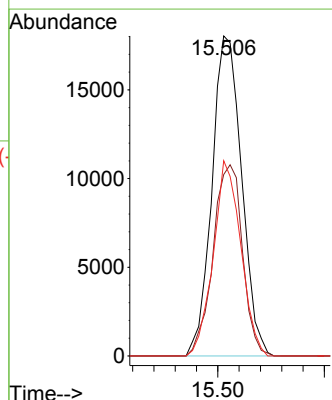
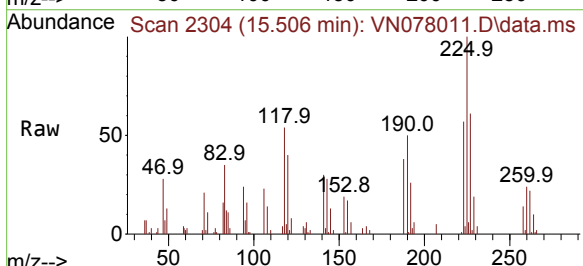
Tgt Ion:225 Resp: 34828

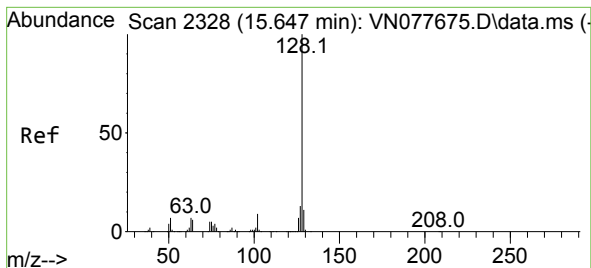
Ion Ratio Lower Upper

225 100

223 59.2 31.3 93.8

227 56.6 31.9 95.9





#95

Naphthalene

Concen: 12.806 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0601MBSD01

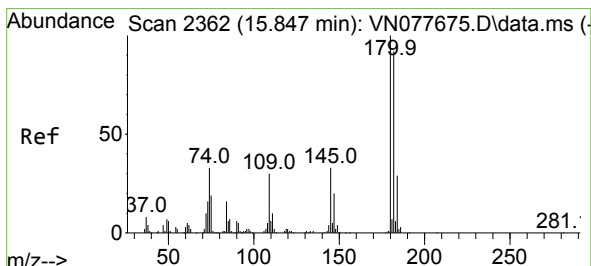
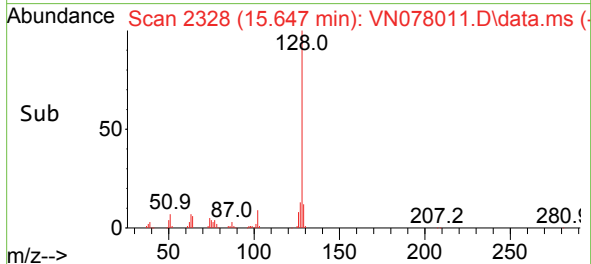
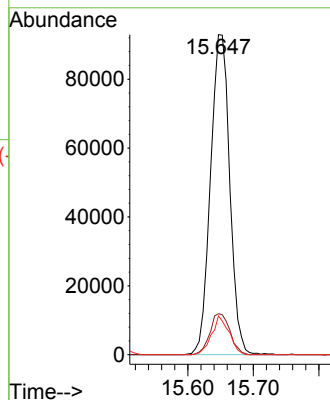
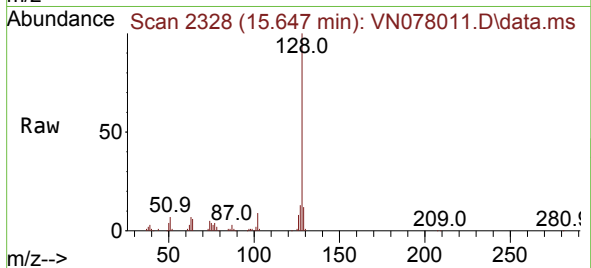
Tgt Ion:128 Resp: 189044

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.439 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078011.D

Acq: 01 Jun 2023 15:37

Tgt Ion:180 Resp: 69028

Ion Ratio Lower Upper

180 100

182 94.4 46.2 138.6

145 32.7 17.5 52.6

