

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077078.D
 Acq On : 20 Mar 2023 19:07
 Operator : JC\MD
 Sample : 01941-05MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313MS

Quant Time: Mar 21 05:41:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	372156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	645919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	591266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	268517	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	286869	48.258	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.520%
35) Dibromofluoromethane	8.178	113	221756	49.024	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.040%
50) Toluene-d8	10.572	98	825851	51.110	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.854	95	308052	53.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	132325	37.337	ug/l	98
3) Chloromethane	2.372	50	172047	45.883	ug/l	95
4) Vinyl Chloride	2.525	62	193652	47.847	ug/l	96
5) Bromomethane	2.943	94	118370	43.298	ug/l	96
6) Chloroethane	3.125	64	144645	56.479	ug/l	95
7) Trichlorofluoromethane	3.507	101	386864	44.431	ug/l	99
8) Diethyl Ether	3.978	74	149823	45.722	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	234243	47.427	ug/l	99
10) Methyl Iodide	4.607	142	259682	46.681	ug/l	99
11) Tert butyl alcohol	5.537	59	218507	252.253	ug/l	100
12) 1,1-Dichloroethene	4.354	96	217846	48.215	ug/l	92
13) Acrolein	4.190	56	262292	244.813	ug/l	99
14) Allyl chloride	5.042	41	400005	48.359	ug/l	94
15) Acrylonitrile	5.731	53	694914	238.633	ug/l	99
16) Acetone	4.437	43	542161	204.686	ug/l	97
17) Carbon Disulfide	4.725	76	550493	41.784	ug/l	99
18) Methyl Acetate	5.037	43	446289	44.682	ug/l	97
19) Methyl tert-butyl Ether	5.807	73	762417	47.017	ug/l	100
20) Methylene Chloride	5.290	84	247358	43.030	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	219212	44.762	ug/l	98
22) Diisopropyl ether	6.684	45	832813	45.953	ug/l	99
23) Vinyl Acetate	6.613	43	2593282	226.759	ug/l	99
24) 1,1-Dichloroethane	6.578	63	469362	45.259	ug/l	99
25) 2-Butanone	7.489	43	896112	231.270	ug/l	100
26) 2,2-Dichloropropane	7.495	77	336491	43.123	ug/l	99
27) cis-1,2-Dichloroethene	7.501	96	274638	48.965	ug/l	96
28) Bromochloromethane	7.819	49	190630	42.328	ug/l	95
29) Tetrahydrofuran	7.842	42	614179	244.609	ug/l	99
30) Chloroform	7.972	83	467237	46.420	ug/l	100
31) Cyclohexane	8.266	56	425729	43.772	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	399365	46.422	ug/l	100
36) 1,1-Dichloropropene	8.378	75	336192	47.584	ug/l	98
37) Ethyl Acetate	7.566	43	347924	46.026	ug/l	99
38) Carbon Tetrachloride	8.366	117	340294	49.448	ug/l	97
39) Methylcyclohexane	9.607	83	413579	50.011	ug/l	98
40) Benzene	8.613	78	1023289	47.757	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	206351	50.672	ug/l	97
42) 1,2-Dichloroethane	8.678	62	356410	46.031	ug/l	99
43) Isopropyl Acetate	8.695	43	570615	48.321	ug/l	98
44) Trichloroethene	9.354	130	1238441	251.626	ug/l	96
45) 1,2-Dichloropropane	9.625	63	273356	48.034	ug/l	98
46) Dibromomethane	9.713	93	168282	46.887	ug/l	96
47) Bromodichloromethane	9.889	83	352448	46.821	ug/l	98
48) Methyl methacrylate	9.683	41	284113	50.326	ug/l	96
49) 1,4-Dioxane	9.701	88	101173	1049.262	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	1847362	251.217	ug/l	99
52) Toluene	10.630	92	621452	48.575	ug/l	97
53) t-1,3-Dichloropropene	10.836	75	373384	50.609	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	403132	48.428	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	251020	49.757	ug/l	99
56) Ethyl methacrylate	10.877	69	401484	52.923	ug/l	97
57) 1,3-Dichloropropane	11.166	76	437746	47.393	ug/l	99
59) 2-Hexanone	11.201	43	1352868	253.645	ug/l	99
60) Dibromochloromethane	11.360	129	253357	49.995	ug/l	99
61) 1,2-Dibromoethane	11.471	107	247428	49.457	ug/l	97
64) Tetrachloroethene	11.107	164	180812	45.565	ug/l	98
65) Chlorobenzene	11.895	112	631365	46.409	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	234121	46.509	ug/l	99
67) Ethyl Benzene	11.966	91	1216507	49.230	ug/l	99
68) m/p-Xylenes	12.077	106	904762	98.726	ug/l	100
69) o-Xylene	12.401	106	449415	49.354	ug/l	100
70) Styrene	12.413	104	737883	52.048	ug/l	99
71) Bromoform	12.583	173	173253	50.791	ug/l #	100
73) Isopropylbenzene	12.701	105	1184008	49.203	ug/l	100
74) N-amyl acetate	12.495	43	486312	46.691	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	383194	43.954	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	476820	68.651	ug/l	44
77) Bromobenzene	12.983	156	252199	46.785	ug/l	96
78) n-propylbenzene	13.042	91	1397101	50.294	ug/l	100
79) 2-Chlorotoluene	13.130	91	849701	48.004	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1006308	50.088	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	114749	45.476	ug/l	99
82) 4-Chlorotoluene	13.224	91	821385	48.799	ug/l	100
83) tert-Butylbenzene	13.442	119	840422	49.822	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1003686	50.061	ug/l	99
85) sec-Butylbenzene	13.618	105	1232494	51.364	ug/l	100
86) p-Isopropyltoluene	13.730	119	997085	51.744	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	472655	46.393	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	464310	45.806	ug/l	99
89) n-Butylbenzene	14.060	91	859604	50.850	ug/l	99
90) Hexachloroethane	14.336	117	182180	46.501	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	467804	46.065	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	76147	47.137	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	229989	50.098	ug/l	99
94) Hexachlorobutadiene	15.501	225	116931	46.250	ug/l	99
95) Naphthalene	15.642	128	797843	44.923	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	222722	48.350	ug/l	98

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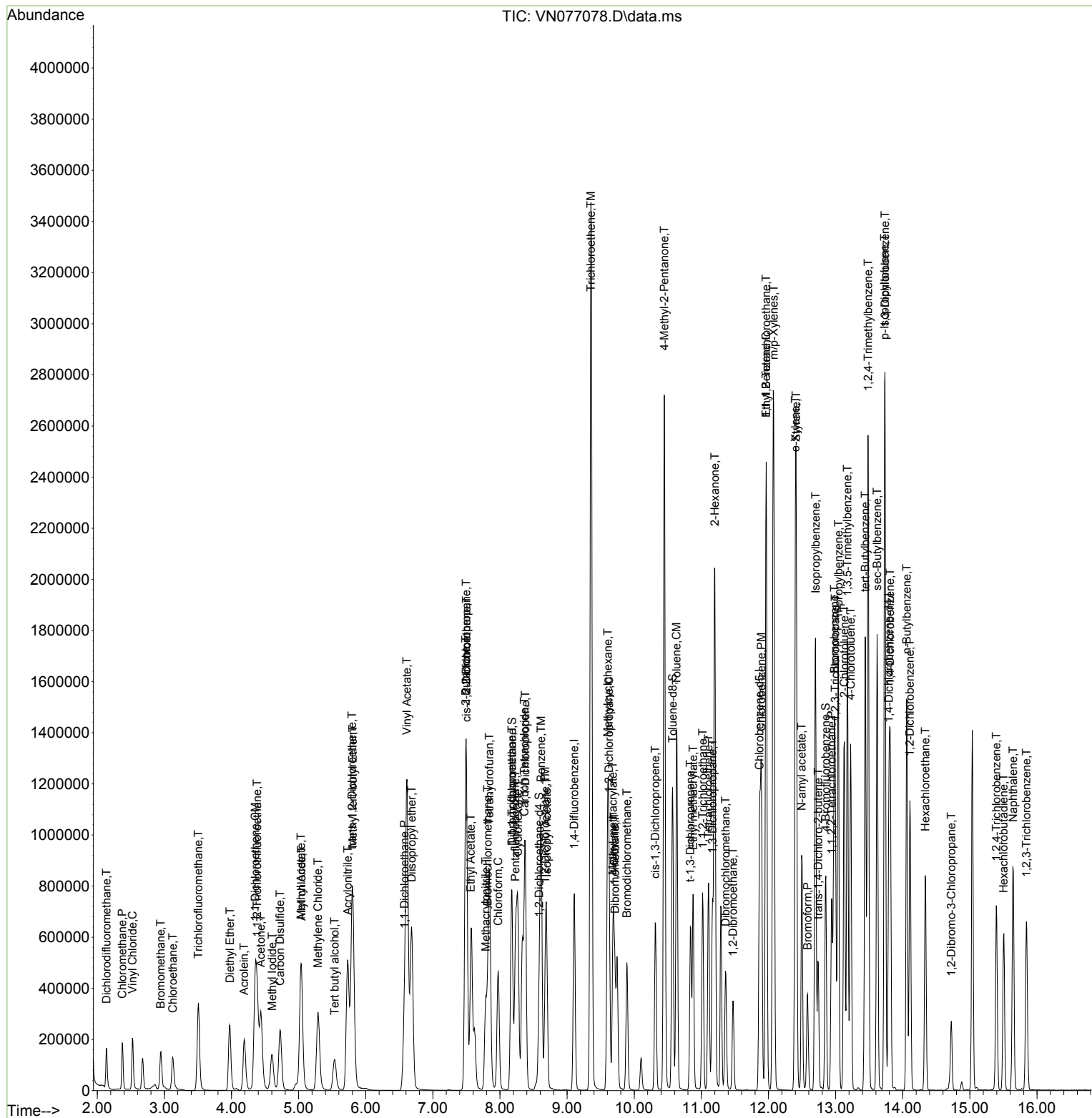
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

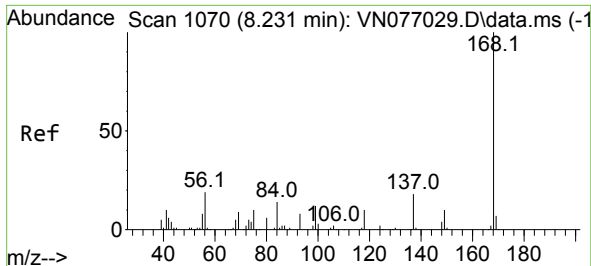
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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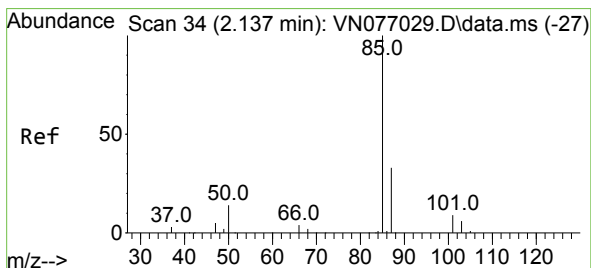
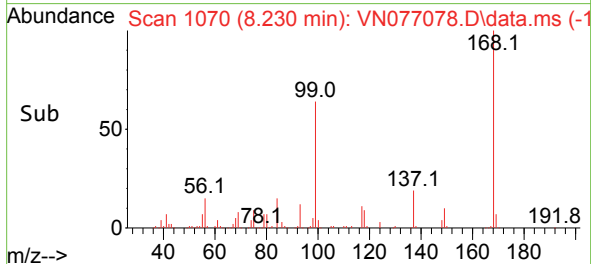
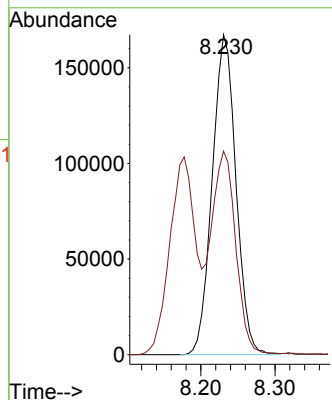
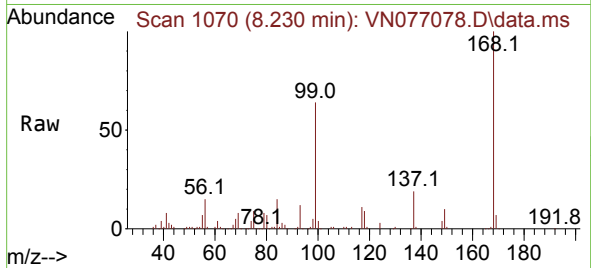




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
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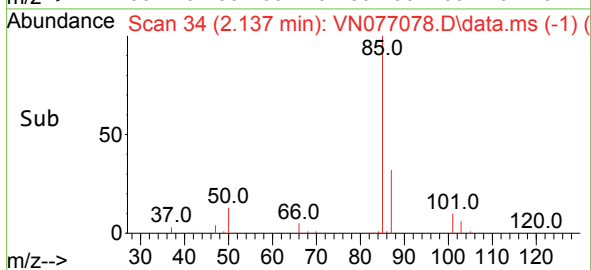
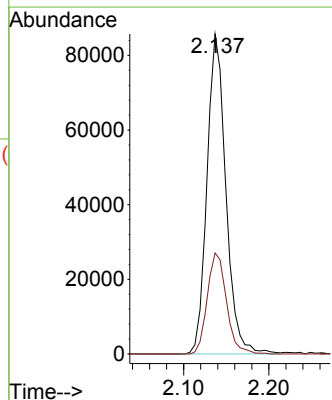
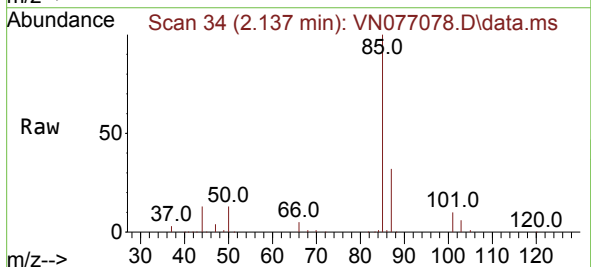
Instrument :
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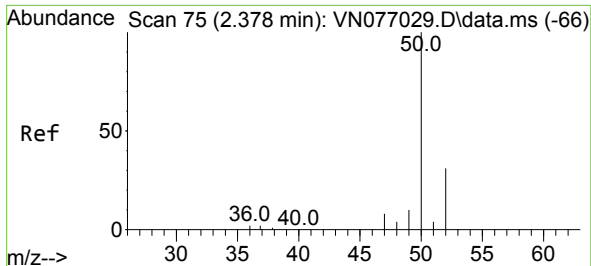
Tgt Ion:168 Resp: 372156
Ion Ratio Lower Upper
168 100
99 63.2 53.9 80.9



#2
Dichlorodifluoromethane
Concen: 37.337 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 85 Resp: 132325
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.2

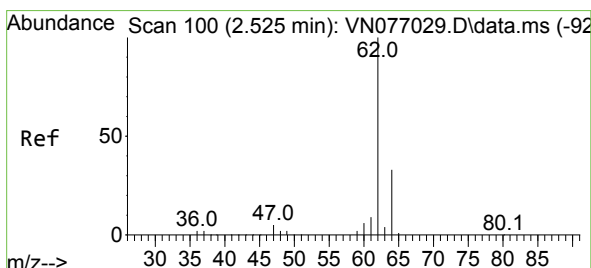
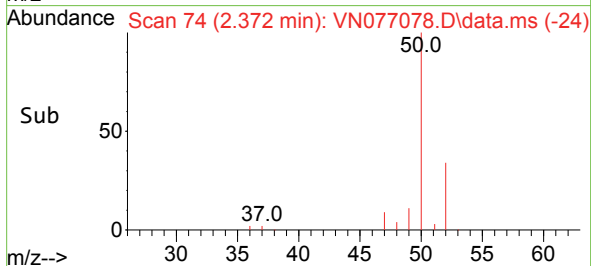
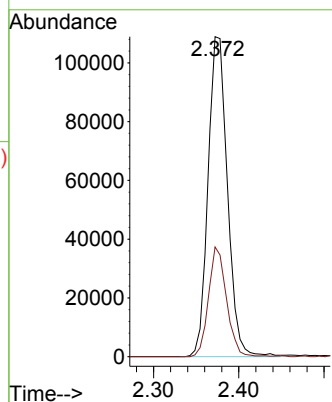
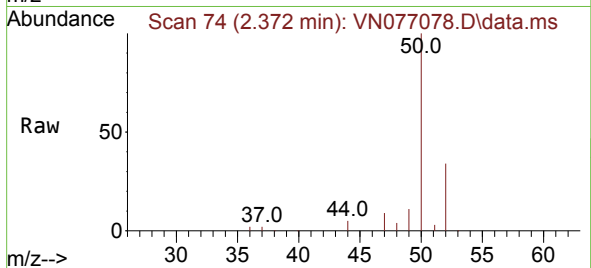




#3
Chloromethane
Concen: 45.883 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

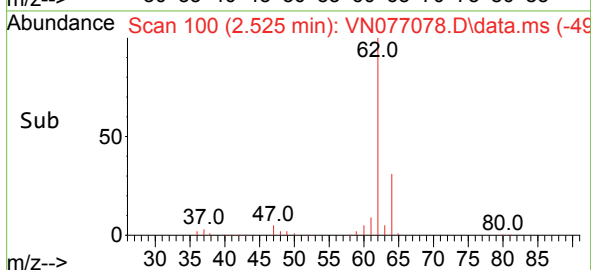
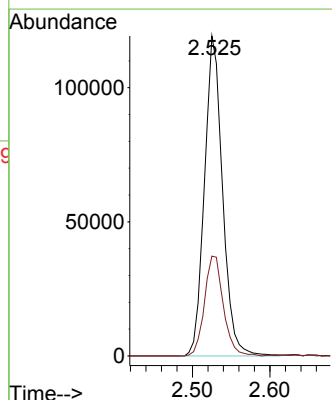
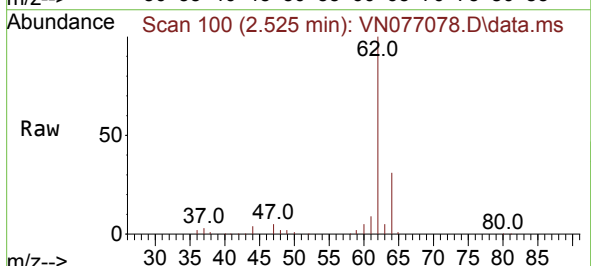
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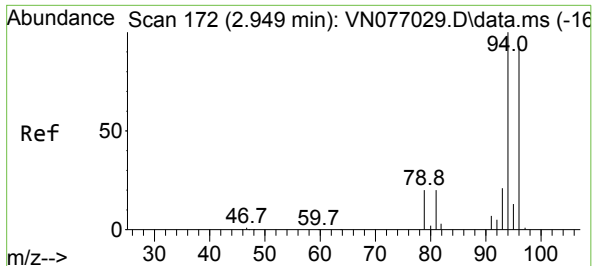
Tgt Ion: 50 Resp: 172047
Ion Ratio Lower Upper
50 100
52 34.3 25.1 37.7



#4
Vinyl Chloride
Concen: 47.847 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 62 Resp: 193652
Ion Ratio Lower Upper
62 100
64 31.2 26.6 40.0

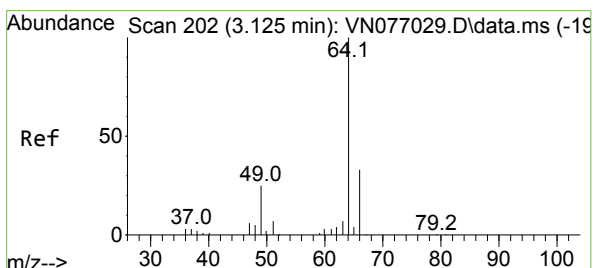
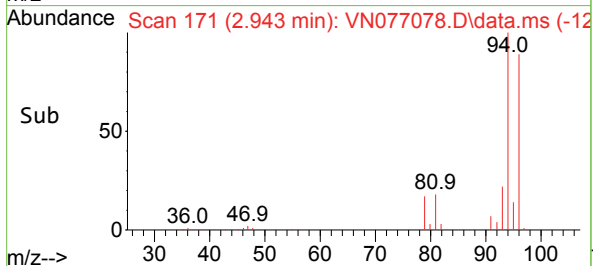
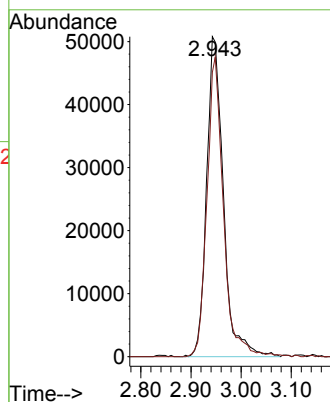
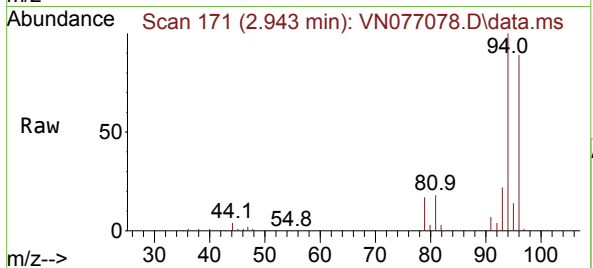




#5
Bromomethane
Concen: 43.298 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077078.D
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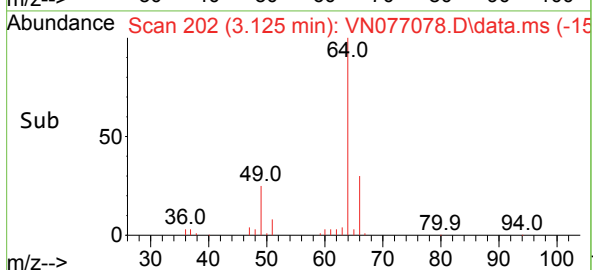
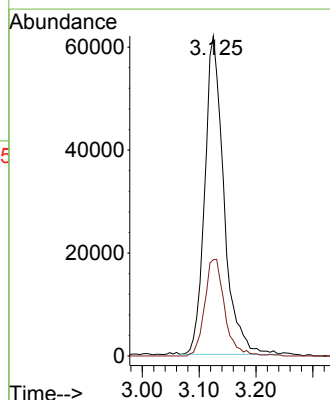
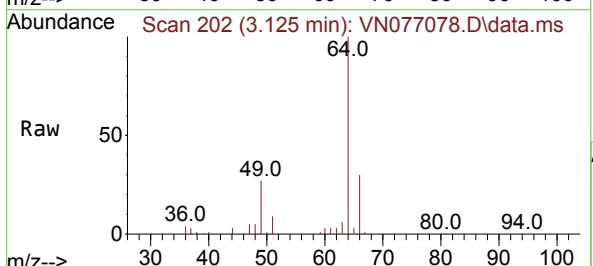
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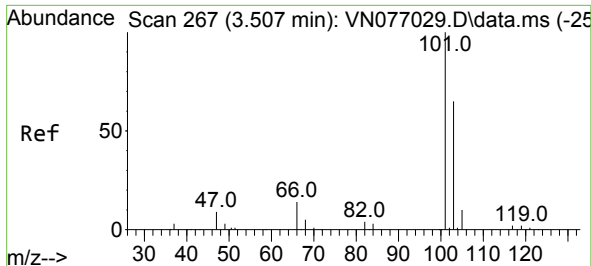
Tgt Ion: 94 Resp: 118370
Ion Ratio Lower Upper
94 100
96 88.8 74.1 111.1



#6
Chloroethane
Concen: 56.479 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 64 Resp: 144645
Ion Ratio Lower Upper
64 100
66 30.2 26.3 39.5

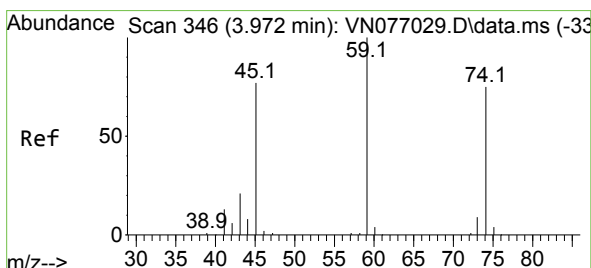
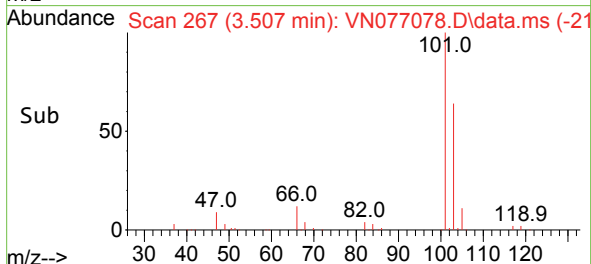
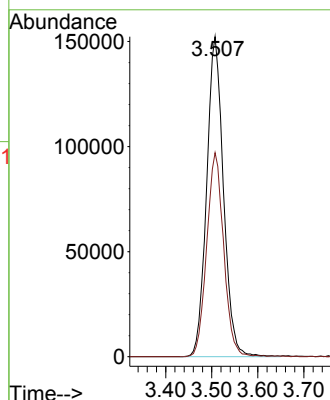
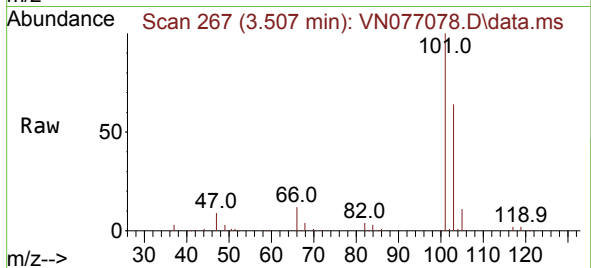




#7
 Trichlorofluoromethane
 Concen: 44.431 ug/l
 RT: 3.507 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN077078.D
 Acq: 20 Mar 2023 19:07

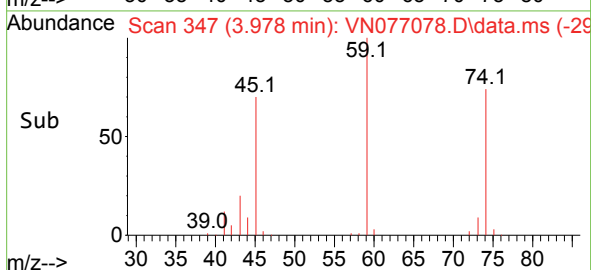
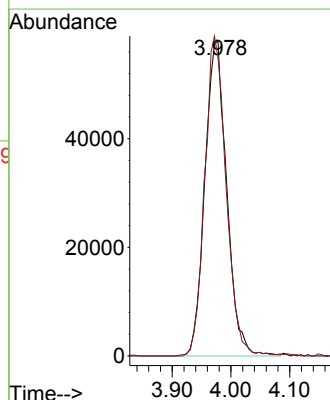
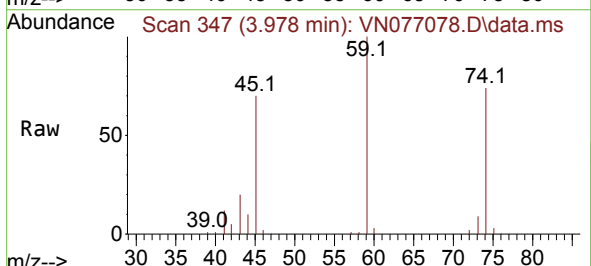
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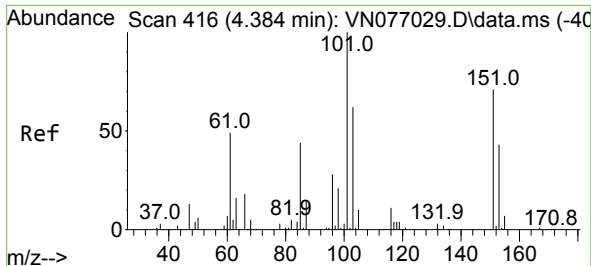
Tgt Ion:101 Resp: 386864
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.8 77.6



#8
 Diethyl Ether
 Concen: 45.722 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN077078.D
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Tgt Ion: 74 Resp: 149823
 Ion Ratio Lower Upper
 74 100
 45 99.6 50.8 152.5

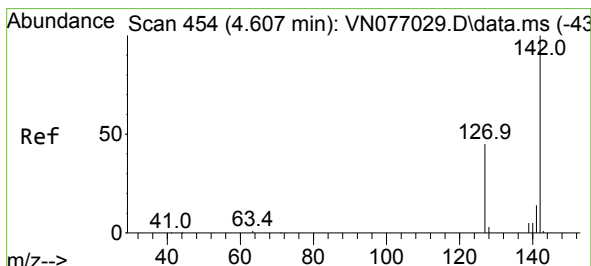
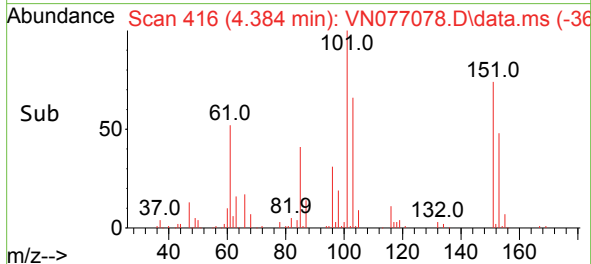
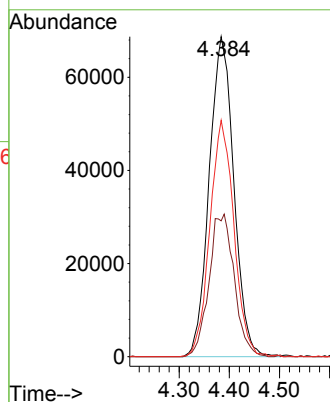
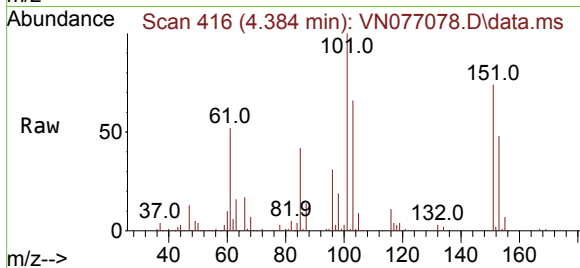




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.427 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

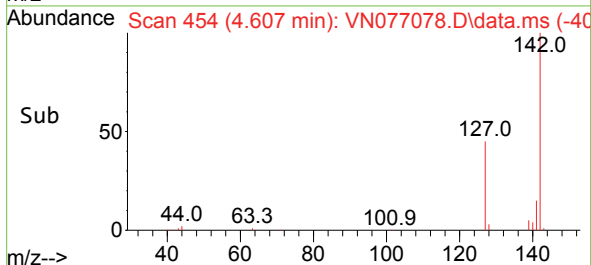
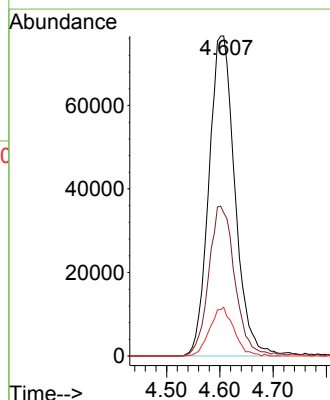
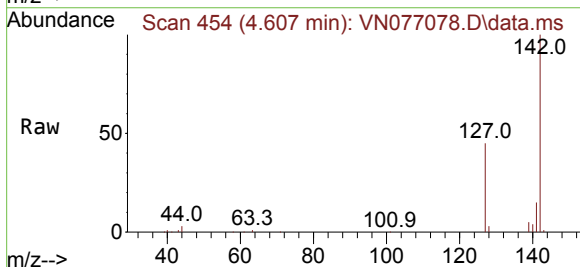
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

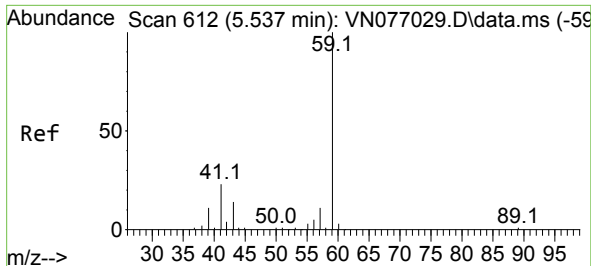
Tgt Ion:101 Resp: 234243
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 72.2 56.9 85.3



#10
Methyl Iodide
Concen: 46.681 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion:142 Resp: 259682
Ion Ratio Lower Upper
142 100
127 44.8 36.1 54.1
141 15.2 10.8 16.2

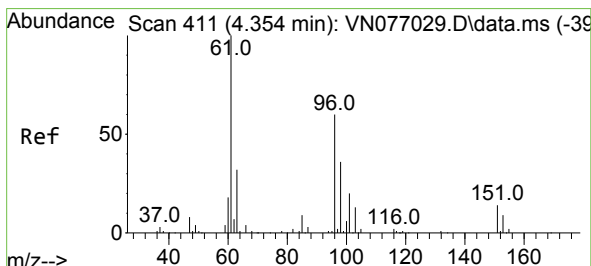
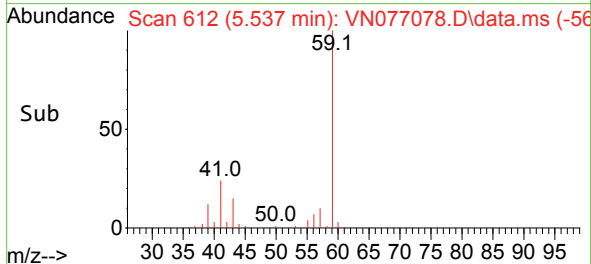
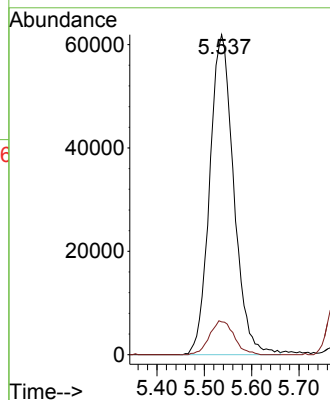
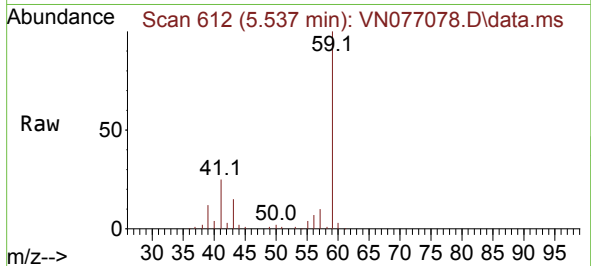




#11
Tert butyl alcohol
Concen: 252.253 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

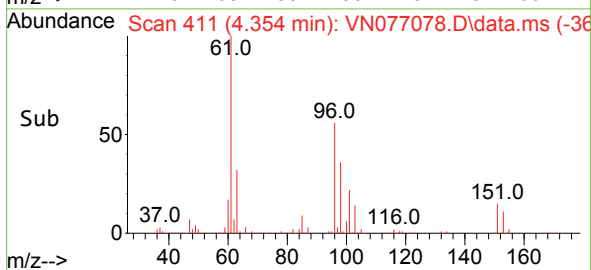
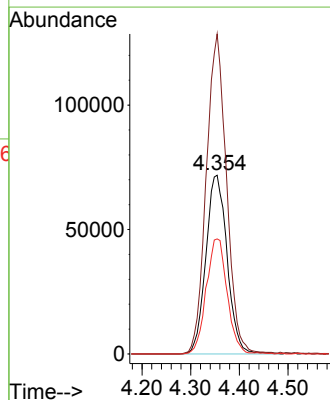
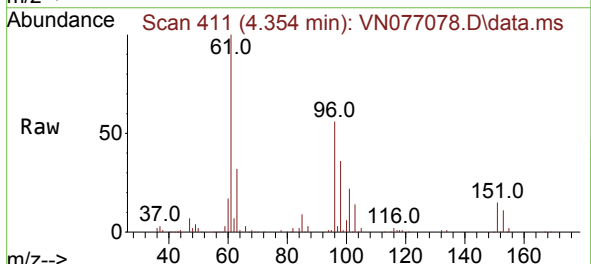
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

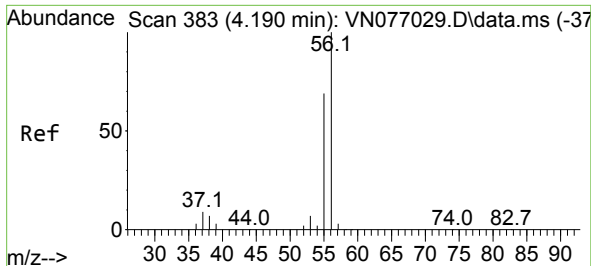
Tgt Ion: 59 Resp: 218507
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 48.215 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 96 Resp: 217846
Ion Ratio Lower Upper
96 100
61 179.1 133.8 200.8
98 64.4 48.6 72.8

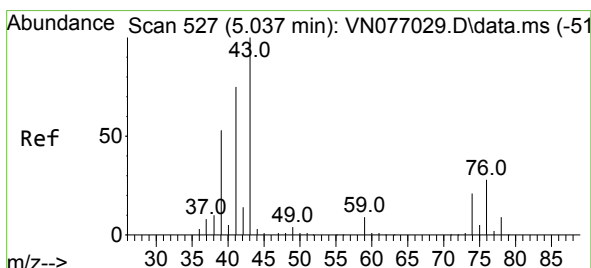
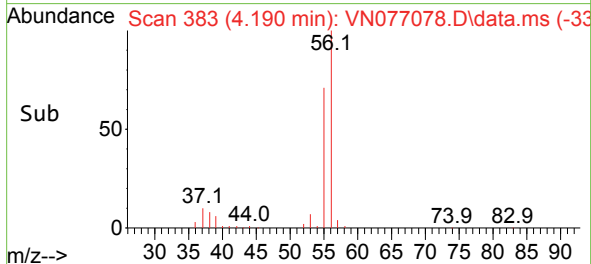
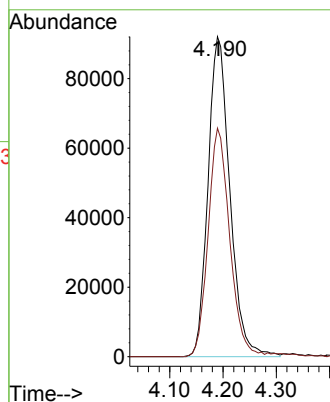
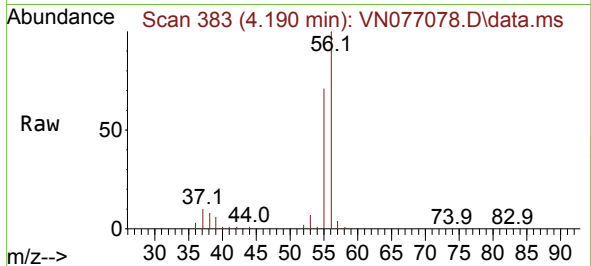




#13
Acrolein
Concen: 244.813 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

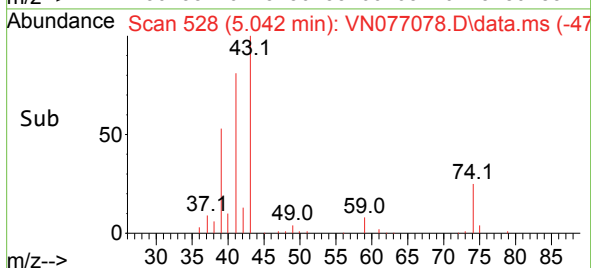
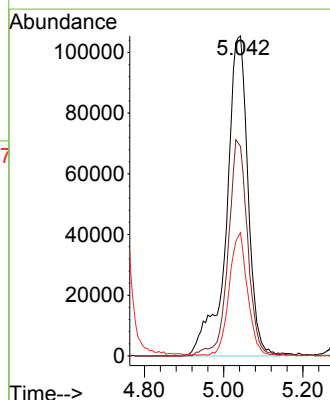
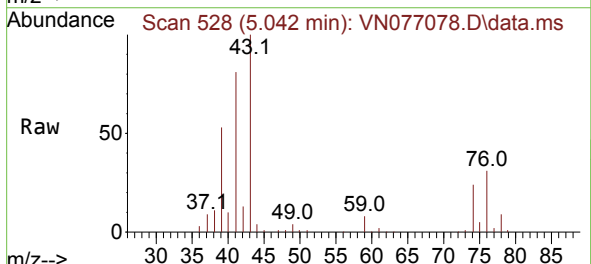
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

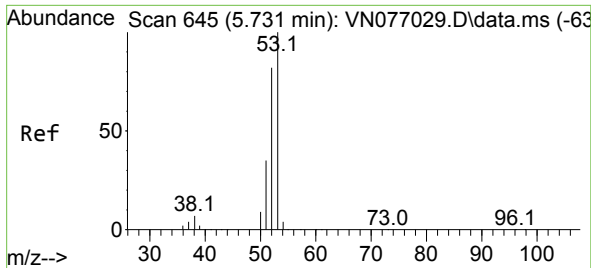
Tgt Ion: 56 Resp: 262292
Ion Ratio Lower Upper
56 100
55 70.5 57.0 85.6



#14
Allyl chloride
Concen: 48.359 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 41 Resp: 400005
Ion Ratio Lower Upper
41 100
39 60.7 53.8 80.8
76 32.9 26.7 40.1

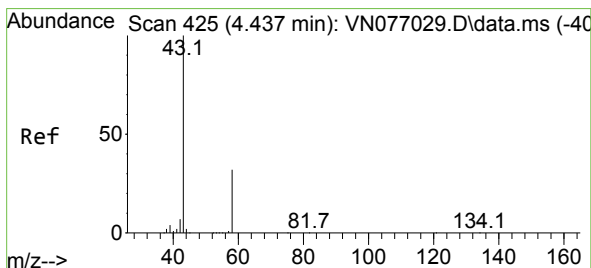
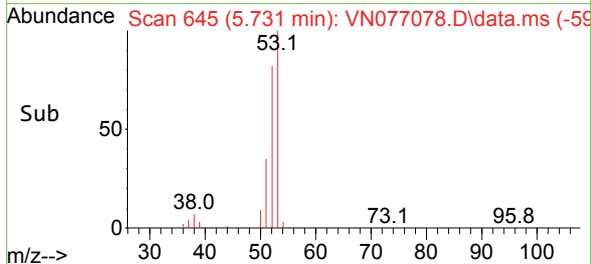
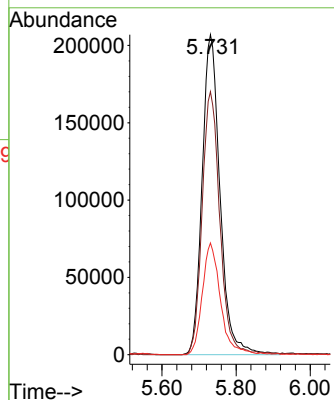
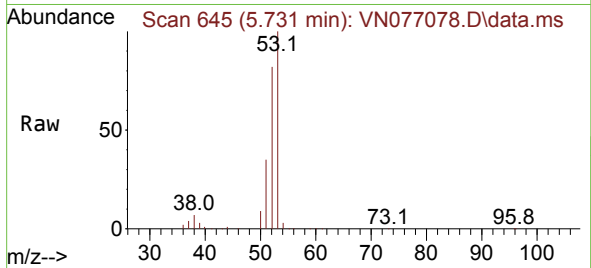




#15
Acrylonitrile
Concen: 238.633 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

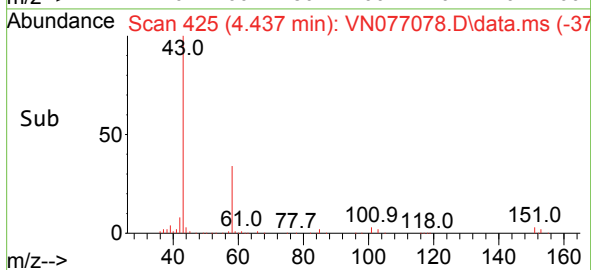
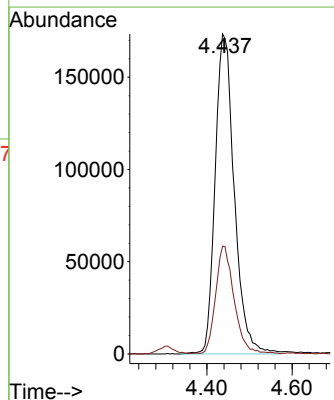
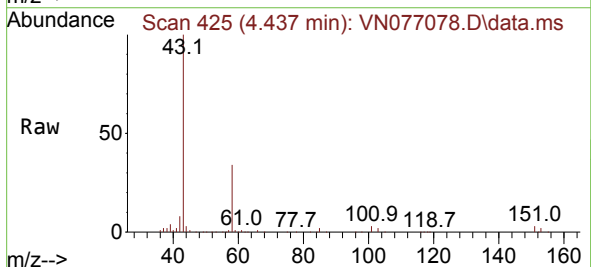
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

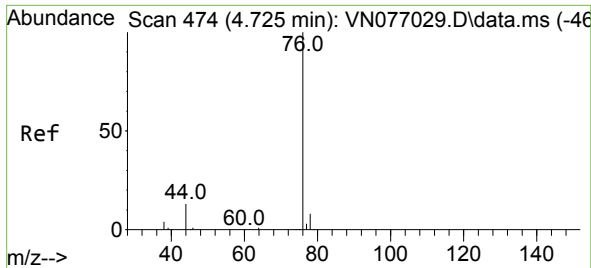
Tgt Ion: 53 Resp: 694914
Ion Ratio Lower Upper
53 100
52 81.5 64.6 97.0
51 35.2 28.3 42.5



#16
Acetone
Concen: 204.686 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 43 Resp: 542161
Ion Ratio Lower Upper
43 100
58 33.6 25.4 38.0

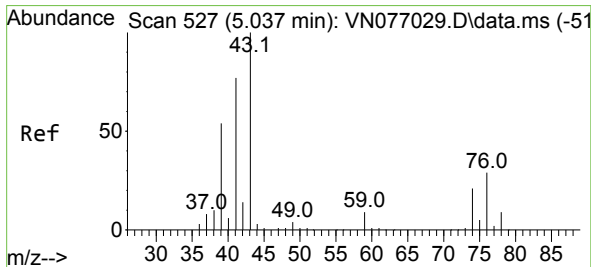
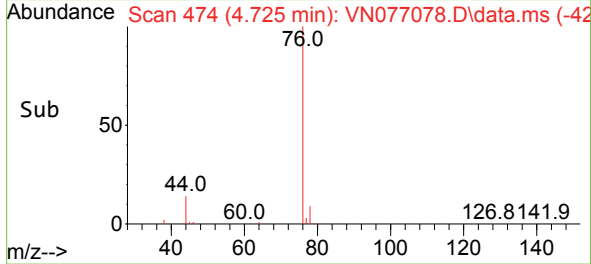
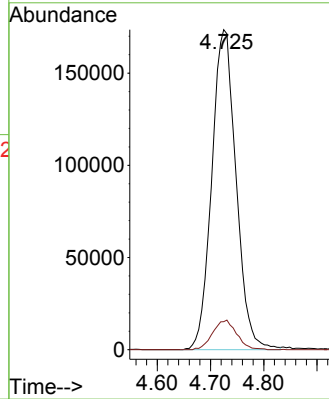
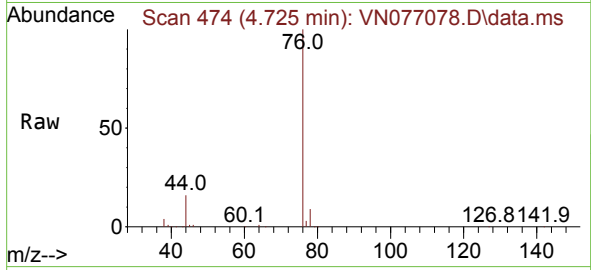




#17
Carbon Disulfide
Concen: 41.784 ug/l
RT: 4.725 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

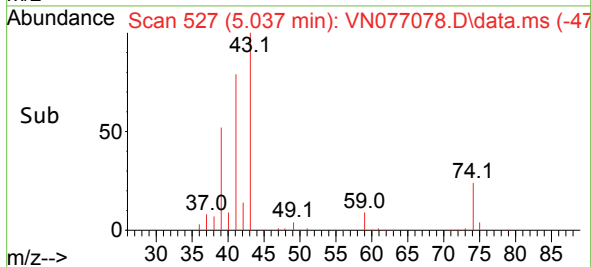
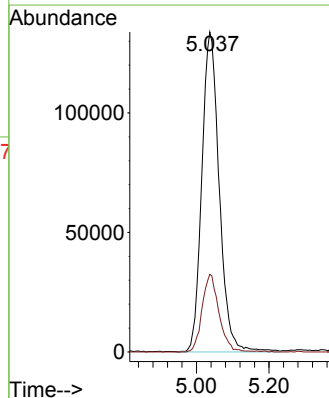
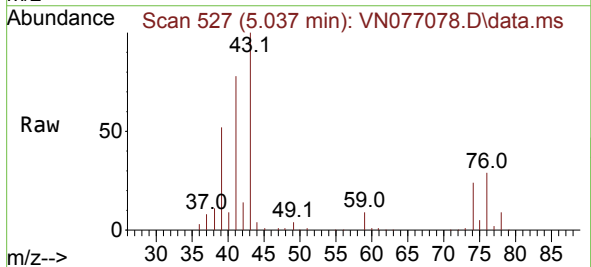
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

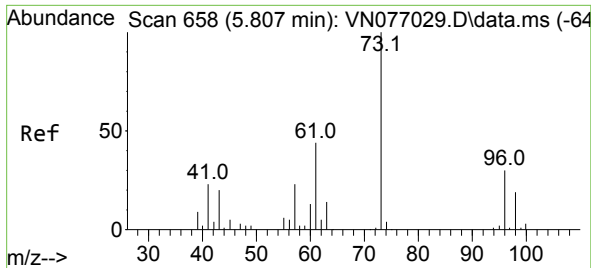
Tgt Ion: 76 Resp: 550493
Ion Ratio Lower Upper
76 100
78 8.8 6.6 10.0



#18
Methyl Acetate
Concen: 44.682 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 43 Resp: 446289
Ion Ratio Lower Upper
43 100
74 23.5 17.7 26.5

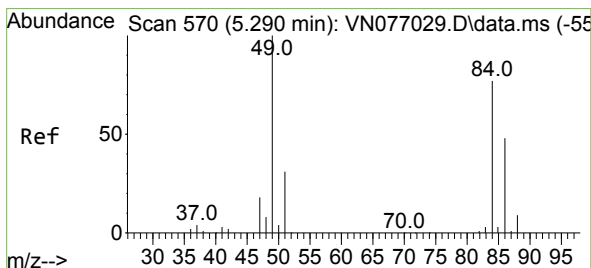
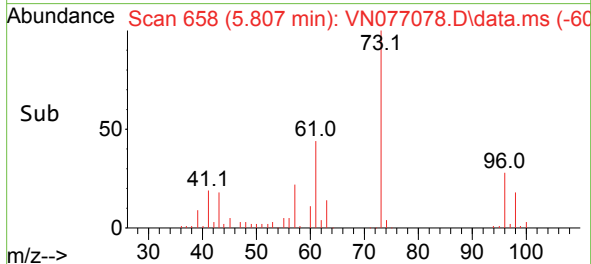
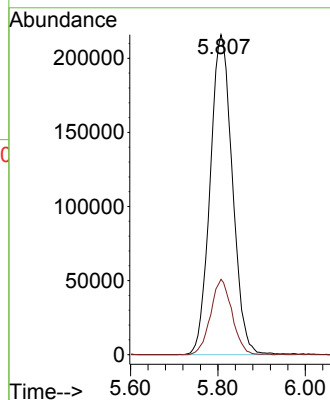
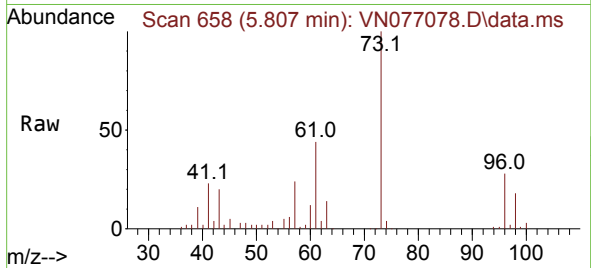




#19
Methyl tert-butyl Ether
Concen: 47.017 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

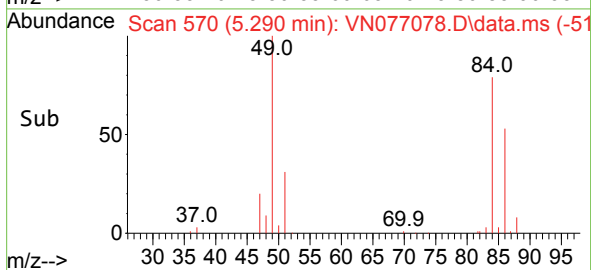
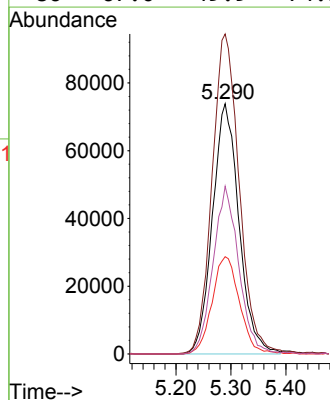
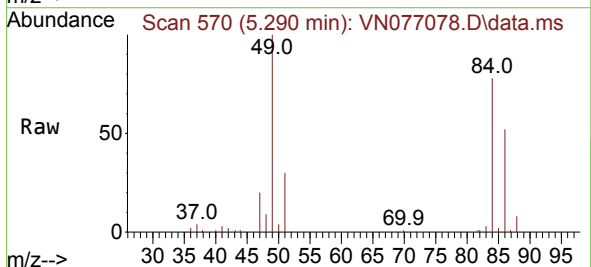
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

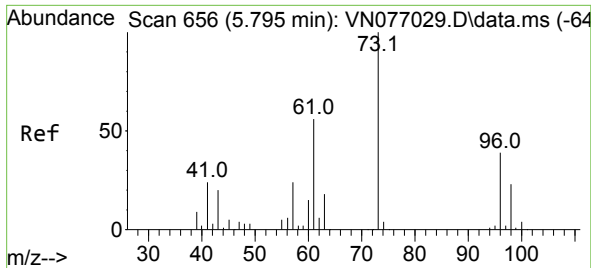
Tgt Ion: 73 Resp: 762417
Ion Ratio Lower Upper
73 100
57 23.5 18.7 28.1



#20
Methylene Chloride
Concen: 43.030 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 84 Resp: 247358
Ion Ratio Lower Upper
84 100
49 127.6 103.8 155.6
51 38.9 32.3 48.5
86 67.0 49.9 74.9

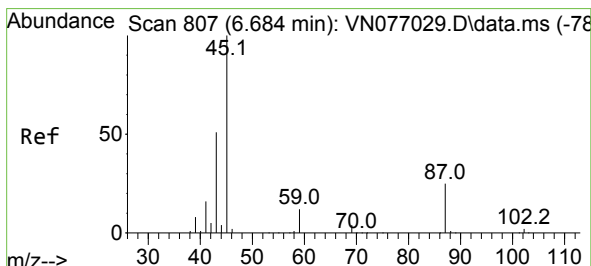
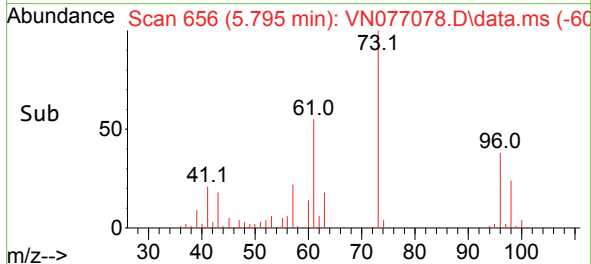
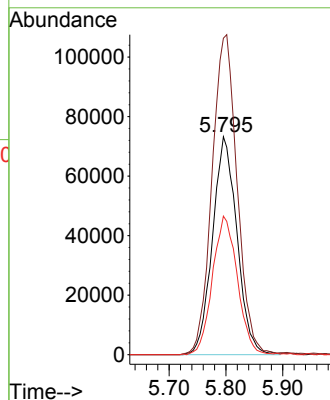
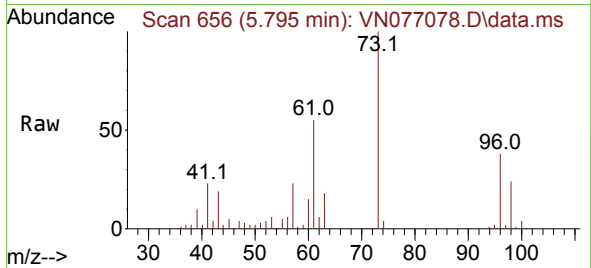




#21
trans-1,2-Dichloroethene
Concen: 44.762 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

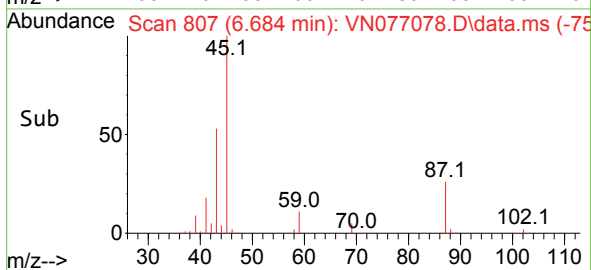
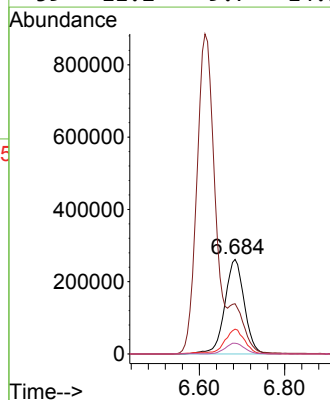
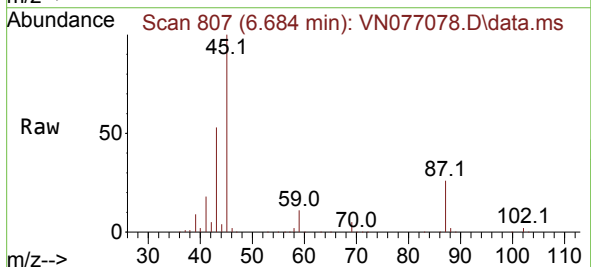
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

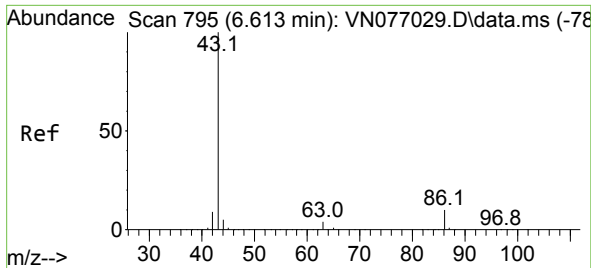
Tgt Ion: 96 Resp: 219212
Ion Ratio Lower Upper
96 100
61 145.2 115.8 173.6
98 63.6 48.2 72.2



#22
Diisopropyl ether
Concen: 45.953 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 45 Resp: 832813
Ion Ratio Lower Upper
45 100
43 52.0 41.5 62.3
87 26.2 20.6 30.8
59 11.2 9.7 14.5

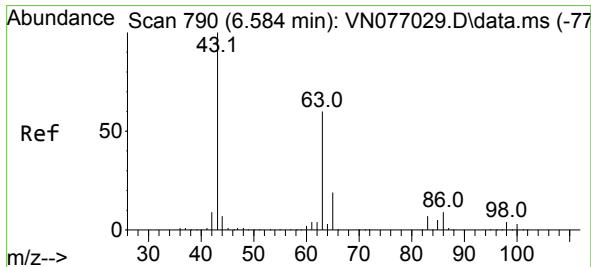
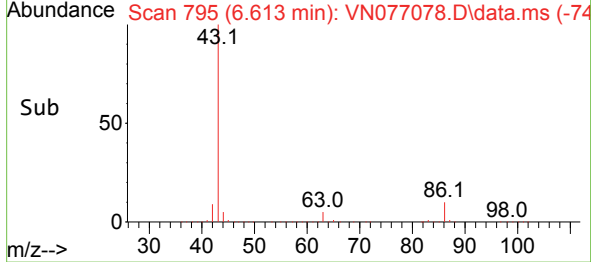
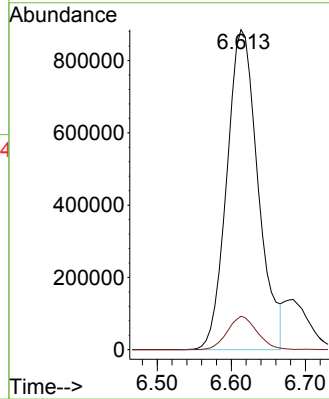
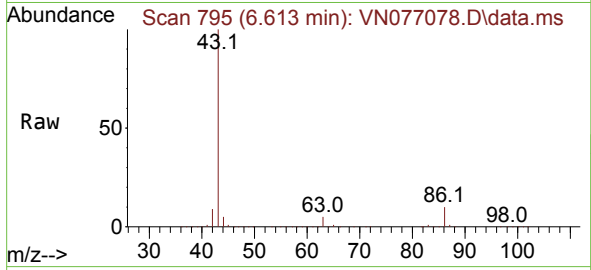




#23
 Vinyl Acetate
 Concen: 226.759 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077078.D
 Acq: 20 Mar 2023 19:07

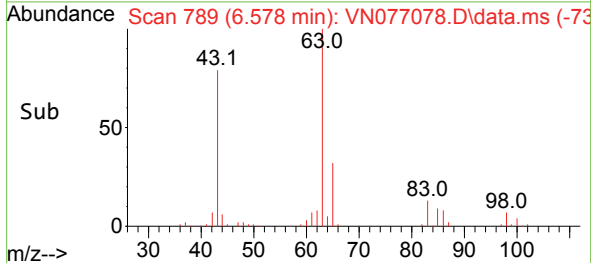
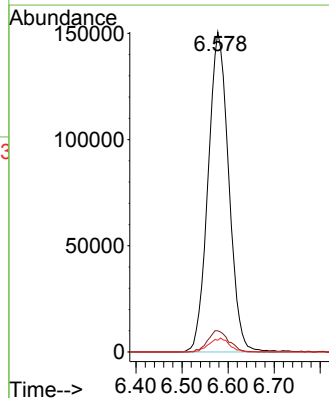
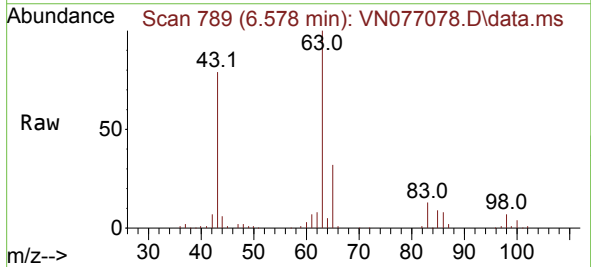
Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313MS

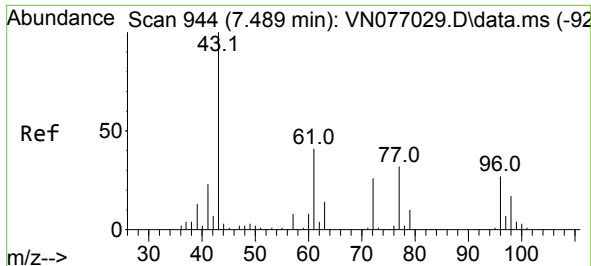
Tgt Ion: 43 Resp: 2593282
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 45.259 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077078.D
 Acq: 20 Mar 2023 19:07

Tgt Ion: 63 Resp: 469362
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 3.7 2.1 6.3

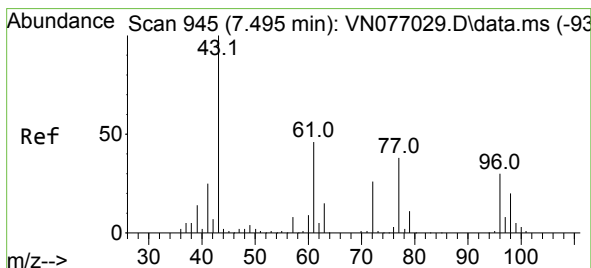
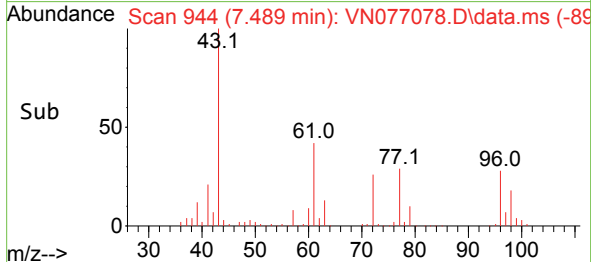
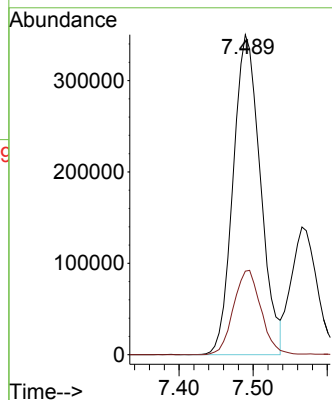
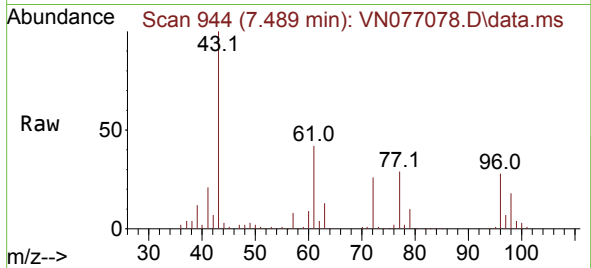




#25
2-Butanone
Concen: 231.270 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

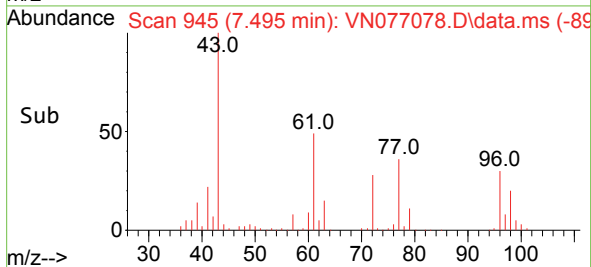
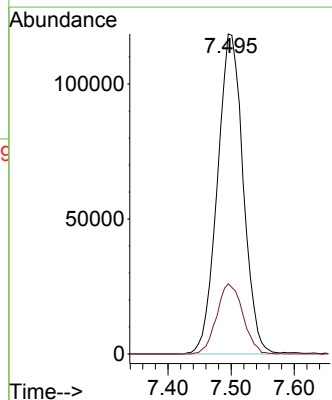
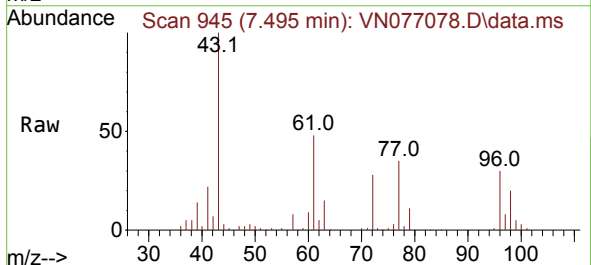
Instrument :
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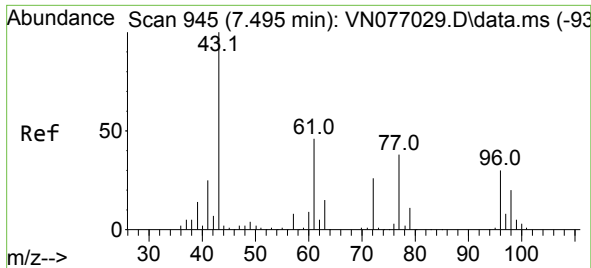
Tgt Ion: 43 Resp: 896112
Ion Ratio Lower Upper
43 100
72 26.1 20.7 31.1



#26
2,2-Dichloropropane
Concen: 43.123 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 77 Resp: 336491
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.9

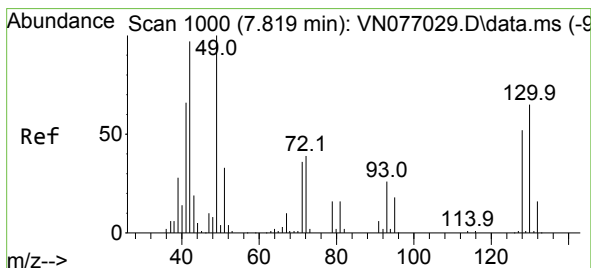
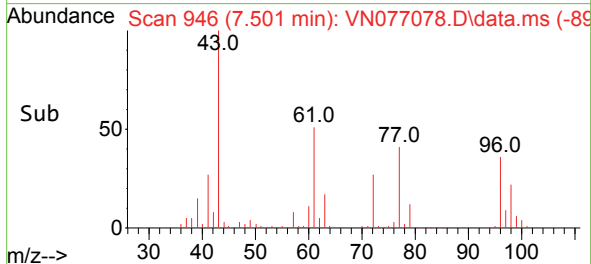
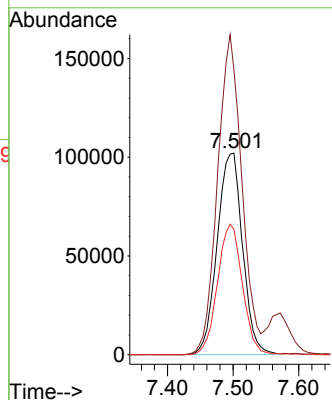
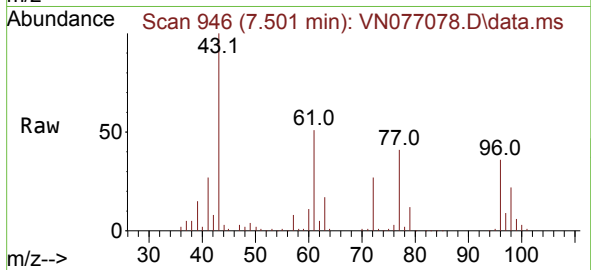




#27
 cis-1,2-Dichloroethene
 Concen: 48.965 ug/l
 RT: 7.501 min Scan# 945
 Delta R.T. 0.006 min
 Lab File: VN077078.D
 Acq: 20 Mar 2023 19:07

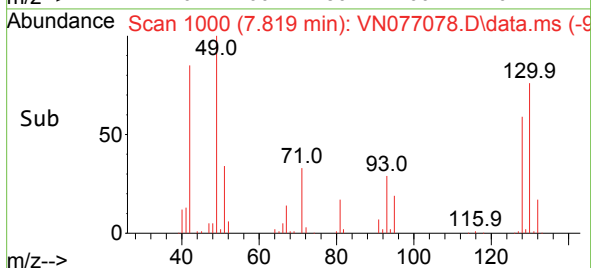
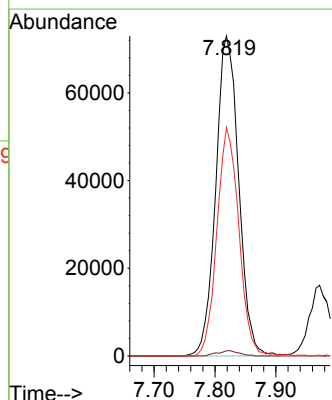
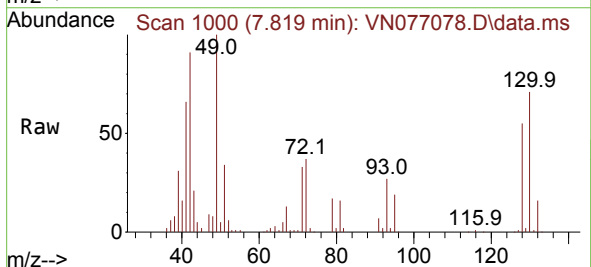
Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313MS

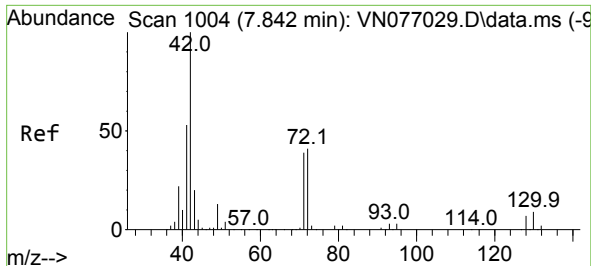
Tgt Ion: 96 Resp: 274638
 Ion Ratio Lower Upper
 96 100
 61 151.9 0.0 315.4
 98 63.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 42.328 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077078.D
 Acq: 20 Mar 2023 19:07

Tgt Ion: 49 Resp: 190630
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 68.7 51.9 77.9





#29

Tetrahydrofuran

Concen: 244.609 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077078.D

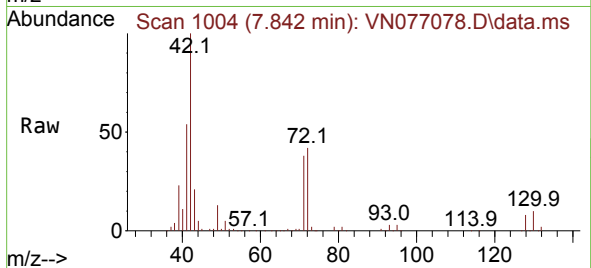
Acq: 20 Mar 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313MS



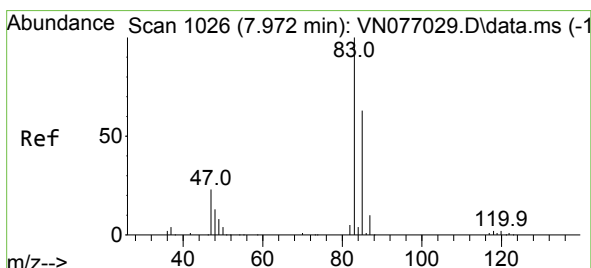
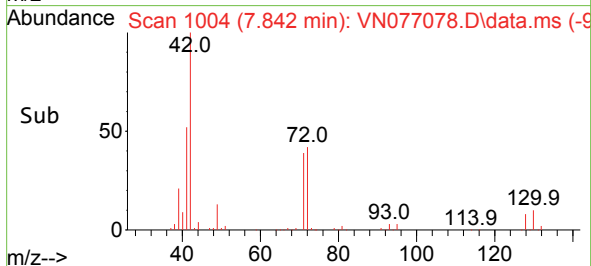
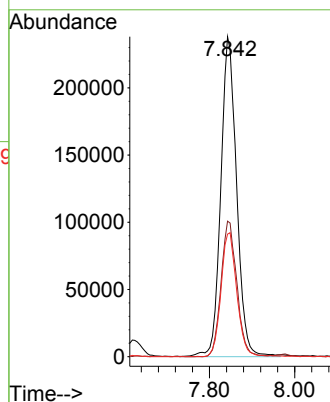
Tgt Ion: 42 Resp: 614179

Ion Ratio Lower Upper

42 100

72 42.2 33.2 49.8

71 38.5 31.0 46.4



#30

Chloroform

Concen: 46.420 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077078.D

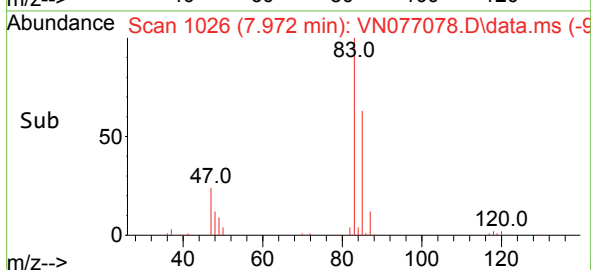
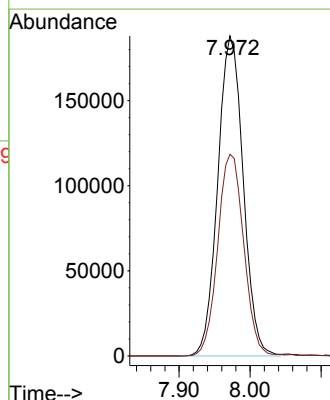
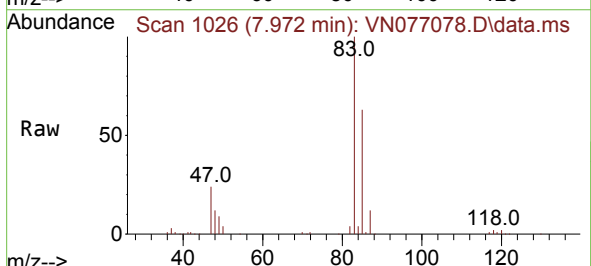
Acq: 20 Mar 2023 19:07

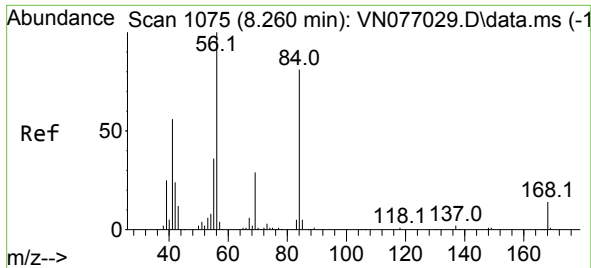
Tgt Ion: 83 Resp: 467237

Ion Ratio Lower Upper

83 100

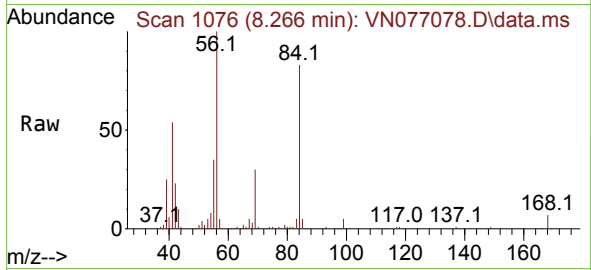
85 63.0 50.6 75.8



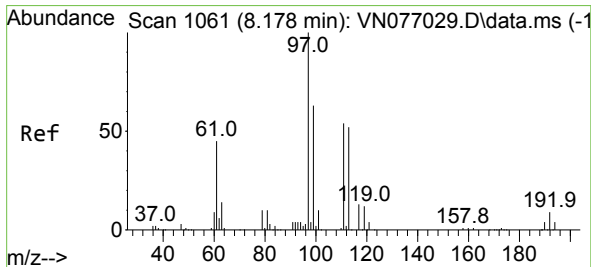
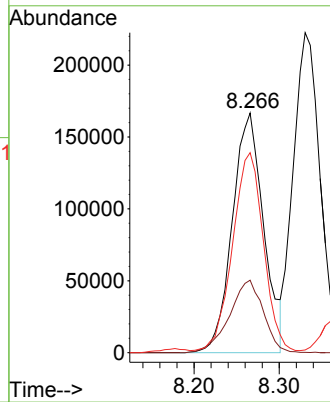
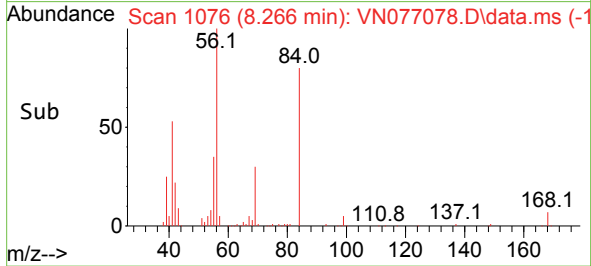


#31
Cyclohexane
Concen: 43.772 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

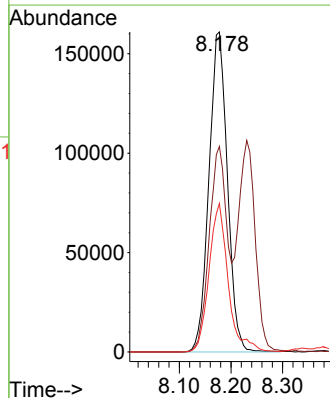
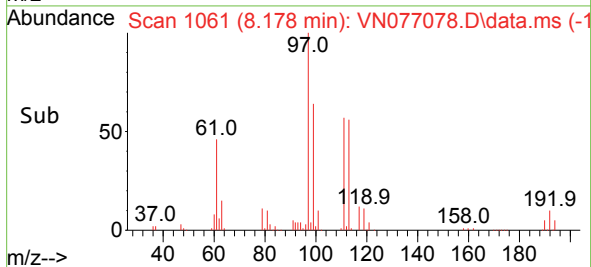
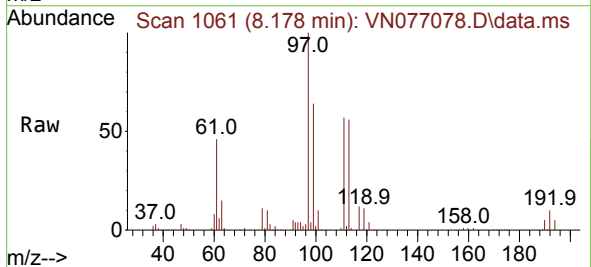


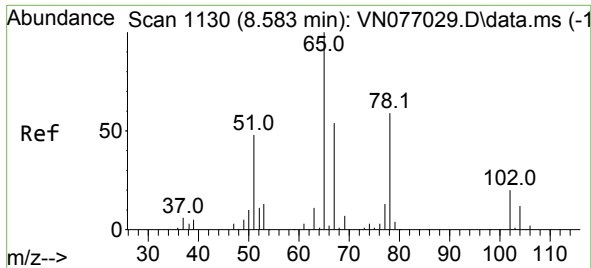
Tgt Ion: 56 Resp: 425729
Ion Ratio Lower Upper
56 100
69 30.3 22.8 34.2
84 82.1 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 46.422 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 97 Resp: 399365
Ion Ratio Lower Upper
97 100
99 62.5 50.2 75.2
61 48.3 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 48.258 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

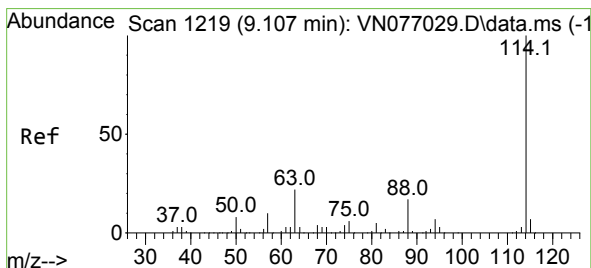
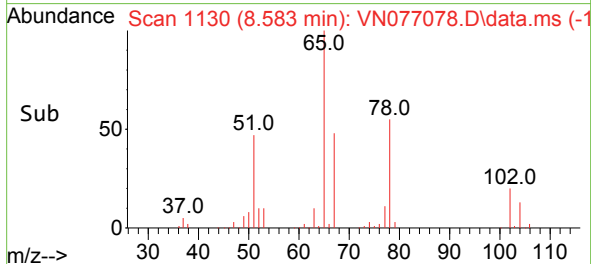
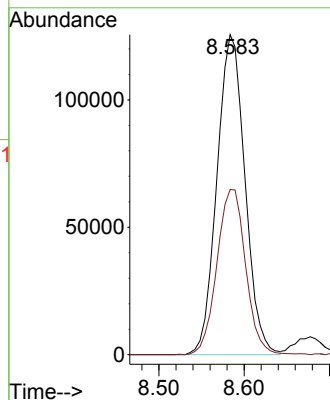
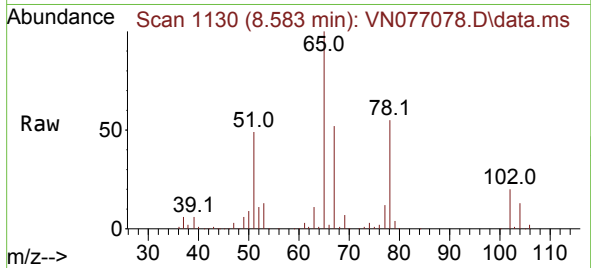
TT180D1-20230313MS

Tgt Ion: 65 Resp: 286869

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

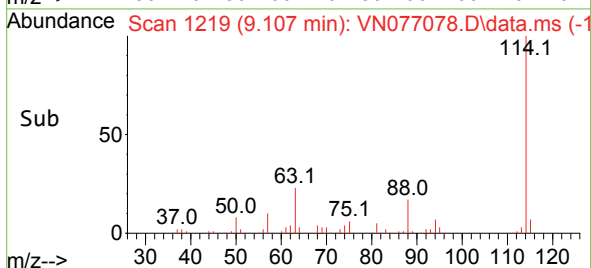
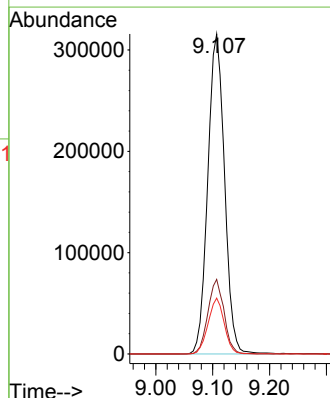
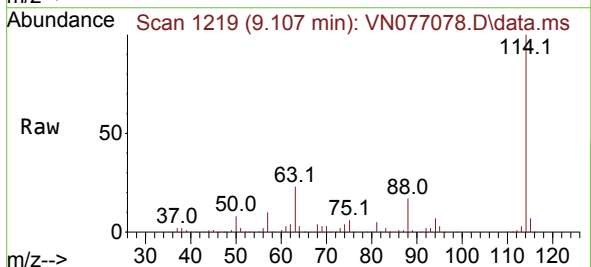
Tgt Ion: 114 Resp: 645919

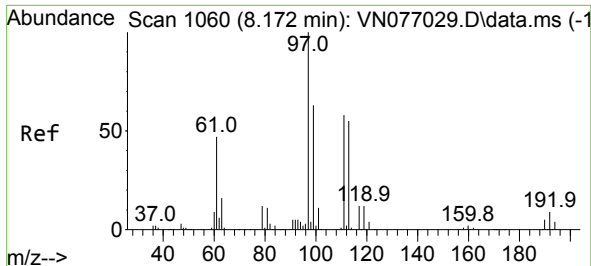
Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.6

88 17.4 0.0 33.8

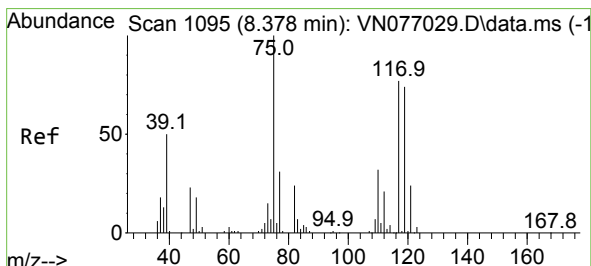
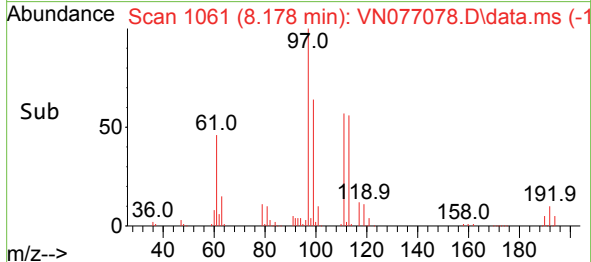
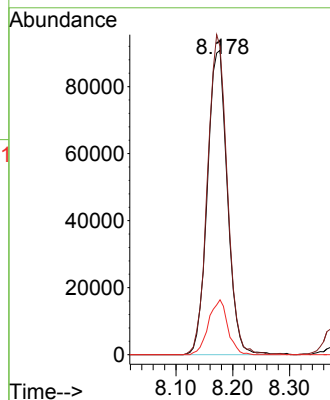
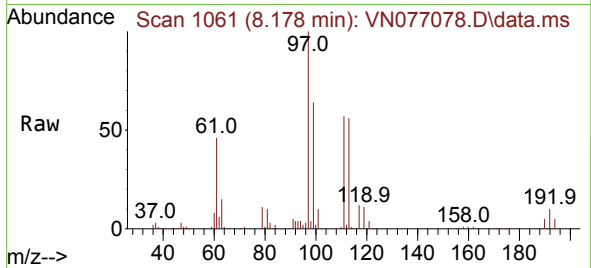




#35
Dibromofluoromethane
Concen: 49.024 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

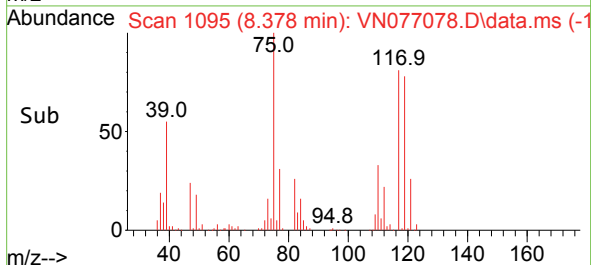
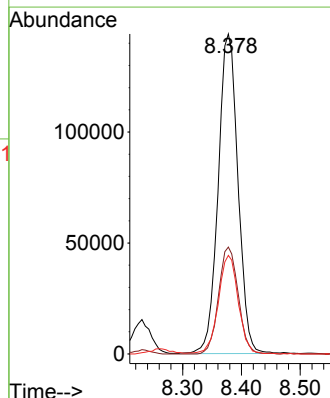
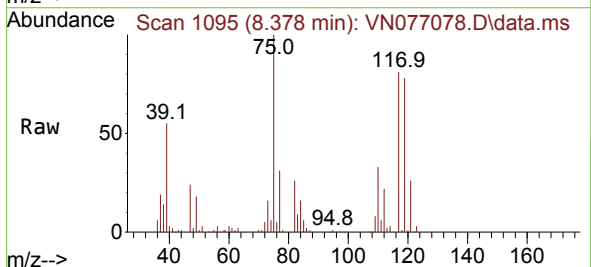
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

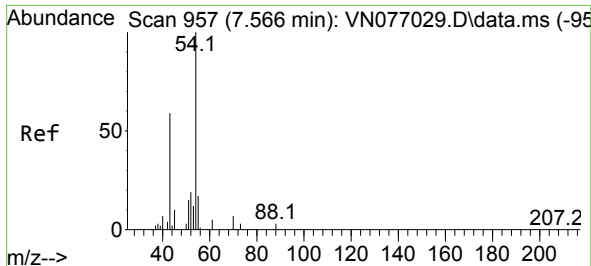
Tgt Ion:113 Resp: 221756
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 17.3 13.0 19.6



#36
1,1-Dichloropropene
Concen: 47.584 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 75 Resp: 336192
Ion Ratio Lower Upper
75 100
110 33.2 15.9 47.7
77 30.7 24.3 36.5

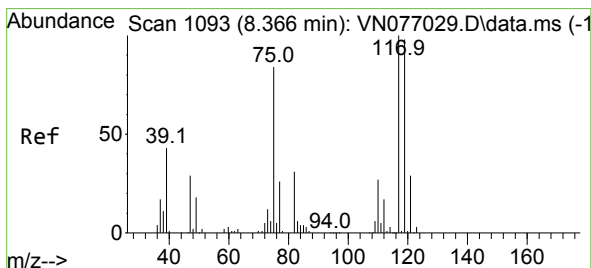
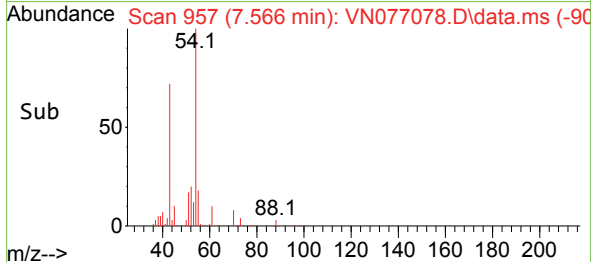
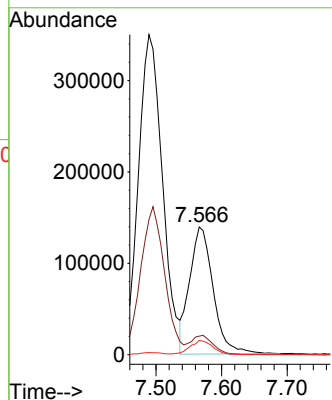
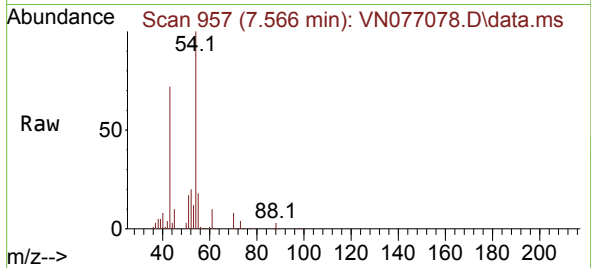




#37
Ethyl Acetate
Concen: 46.026 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

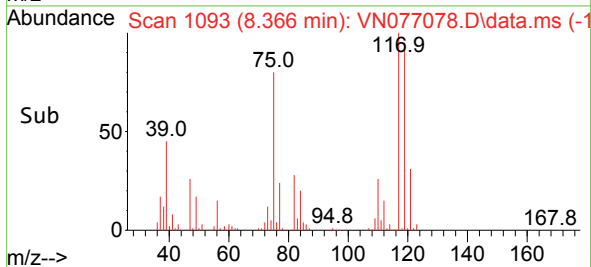
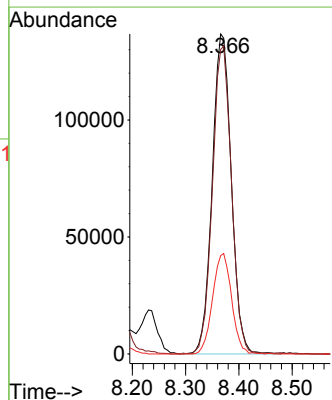
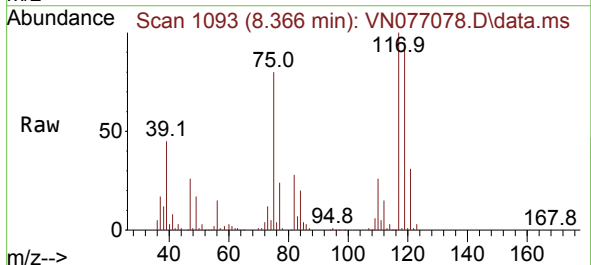
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

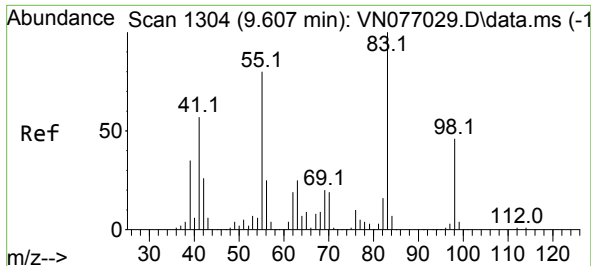
Tgt Ion: 43 Resp: 347924
Ion Ratio Lower Upper
43 100
61 14.4 11.0 16.6
70 10.9 8.4 12.6



#38
Carbon Tetrachloride
Concen: 49.448 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 117 Resp: 340294
Ion Ratio Lower Upper
117 100
119 95.1 78.2 117.2
121 30.8 23.2 34.8

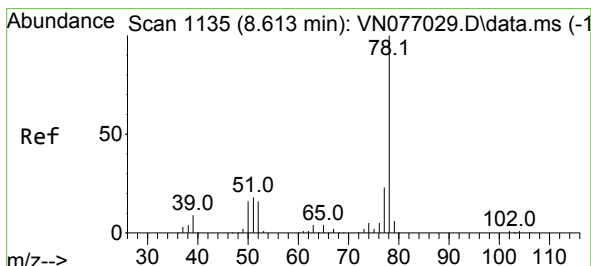
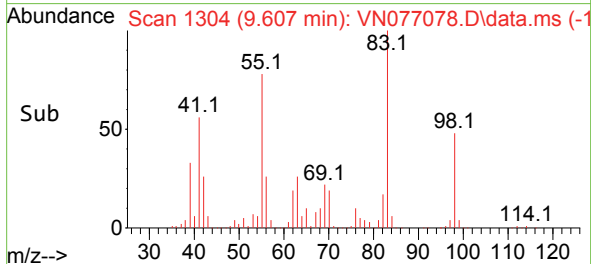
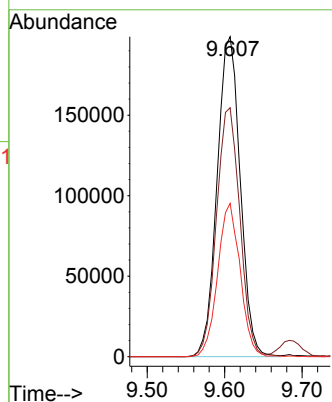
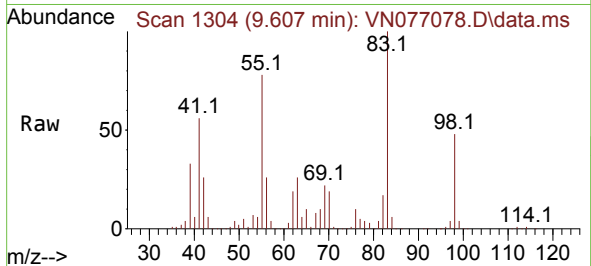




#39
Methylcyclohexane
Concen: 50.011 ug/l
RT: 9.607 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

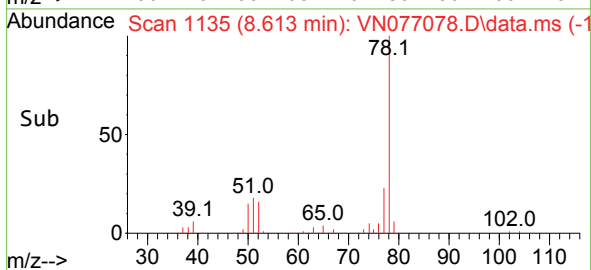
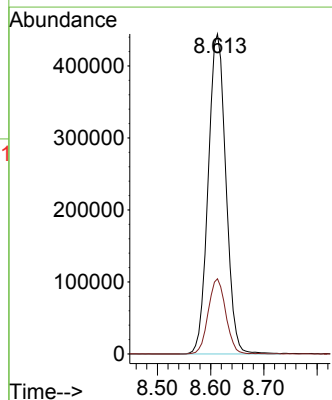
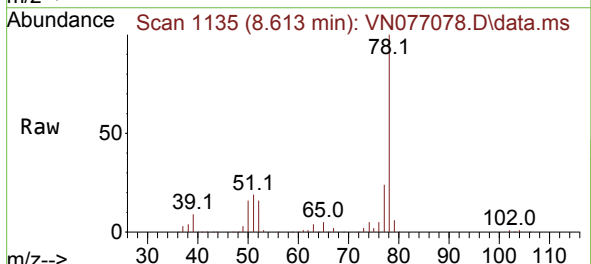
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

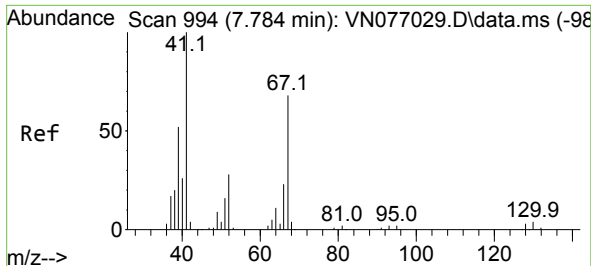
Tgt Ion: 83 Resp: 413579
Ion Ratio Lower Upper
83 100
55 77.8 63.8 95.8
98 47.9 37.1 55.7



#40
Benzene
Concen: 47.757 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 78 Resp: 1023289
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7

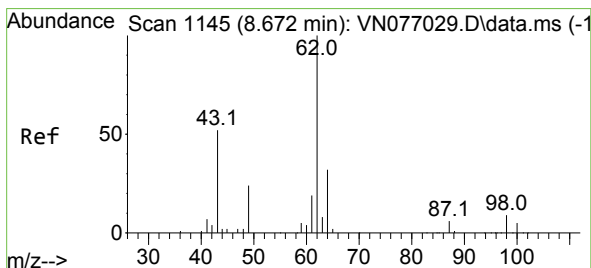
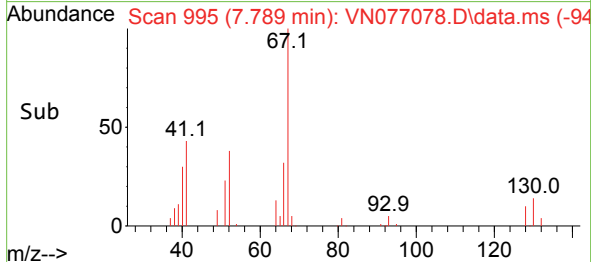
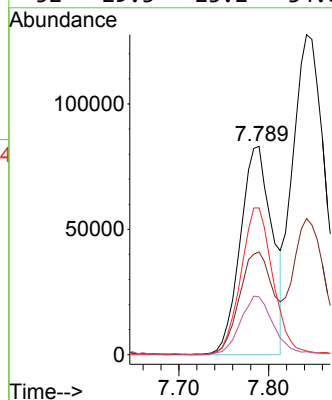
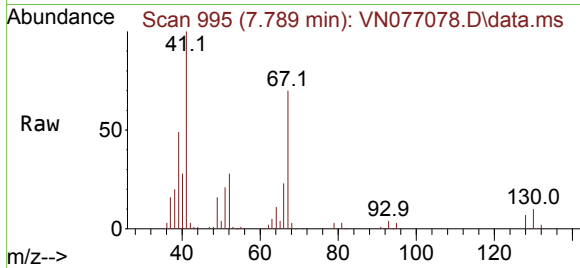




#41
Methacrylonitrile
Concen: 50.672 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

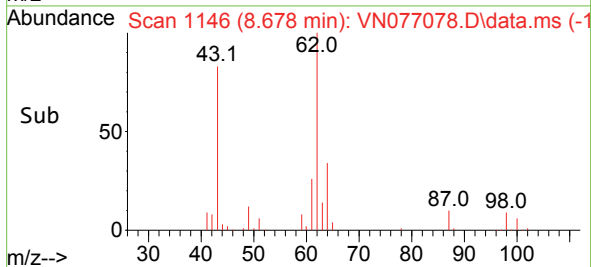
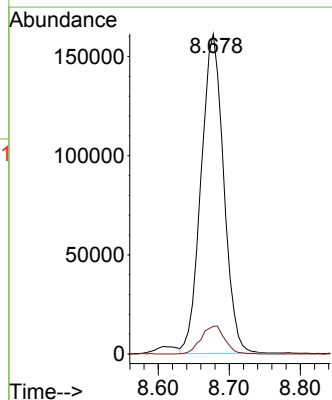
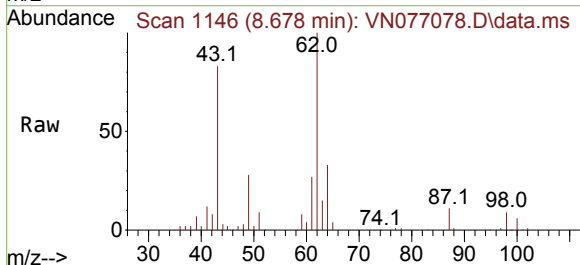
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

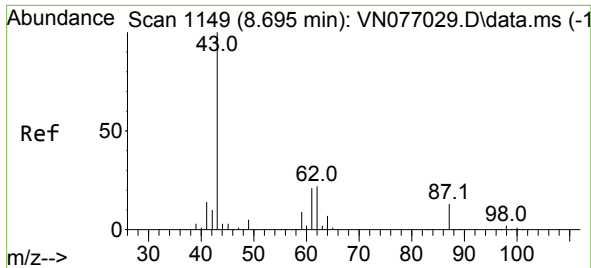
Tgt Ion:	41	Resp:	206351
Ion	Ratio	Lower	Upper
41	100		
39	52.0	41.6	62.4
67	71.5	53.8	80.8
52	29.3	23.2	34.8



#42
1,2-Dichloroethane
Concen: 46.031 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion:	62	Resp:	356410
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.4

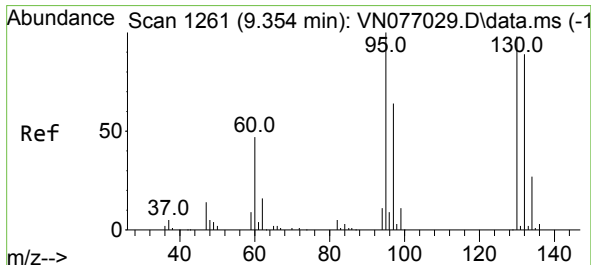
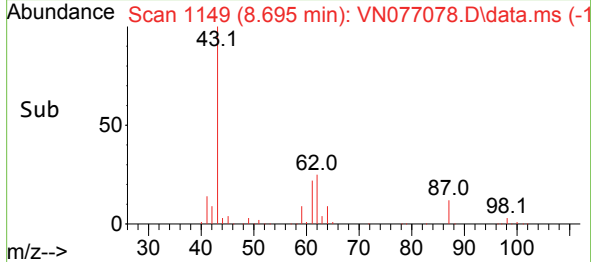
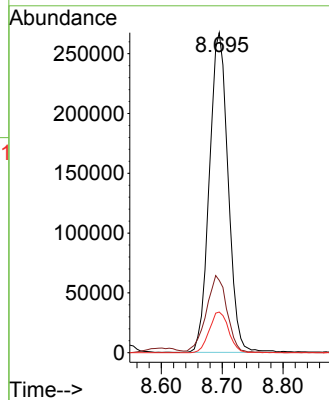
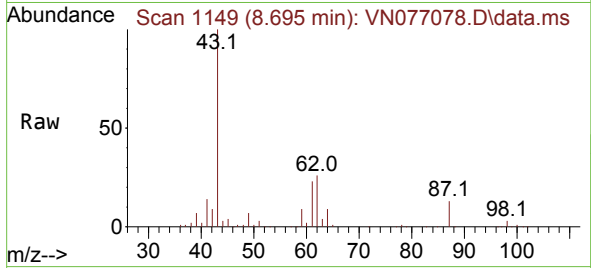




#43
Isopropyl Acetate
Concen: 48.321 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

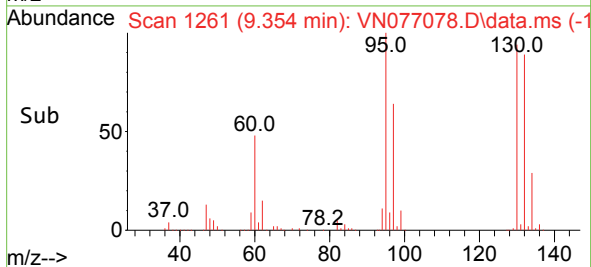
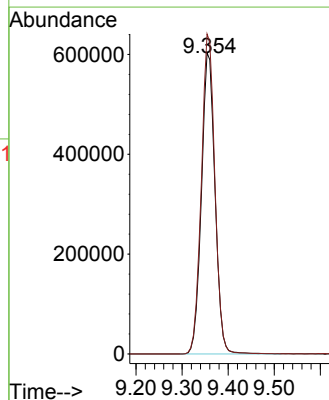
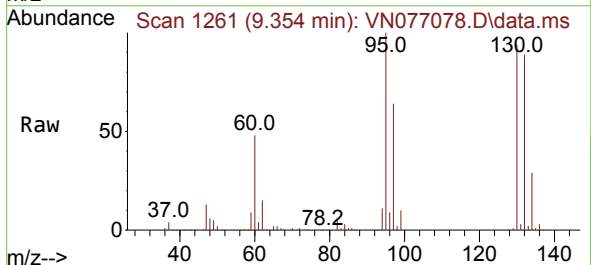
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

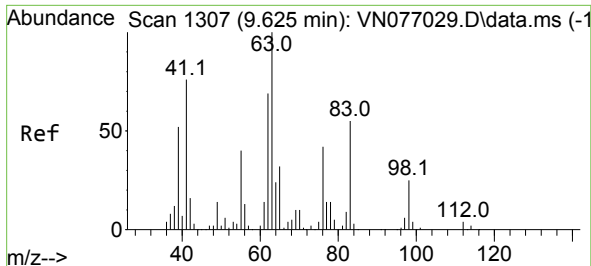
Tgt Ion: 43 Resp: 570615
Ion Ratio Lower Upper
43 100
61 26.7 20.6 30.8
87 13.2 10.0 15.0



#44
Trichloroethene
Concen: 251.626 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion:130 Resp: 1238441
Ion Ratio Lower Upper
130 100
95 106.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.034 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

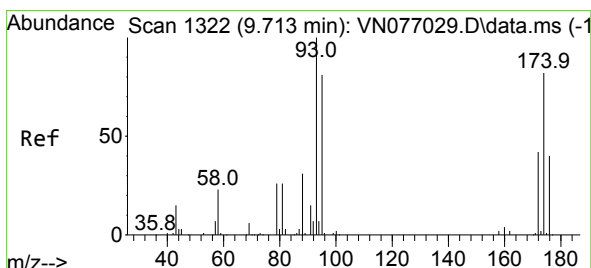
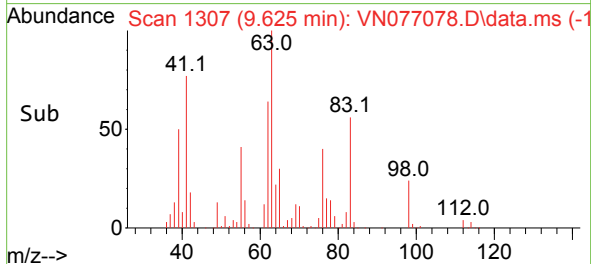
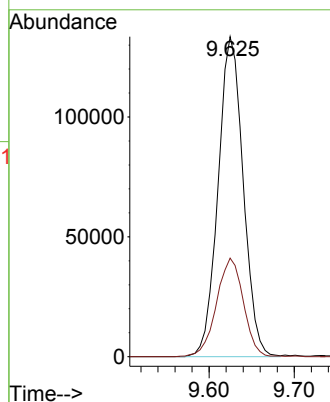
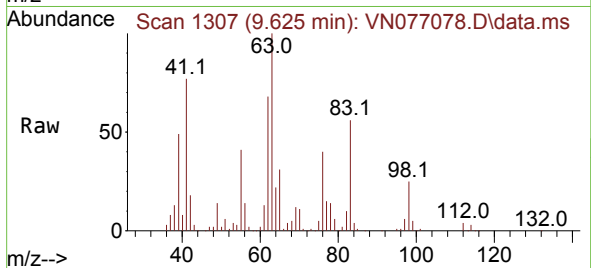
TT180D1-20230313MS

Tgt Ion: 63 Resp: 273356

Ion Ratio Lower Upper

63 100

65 30.6 25.5 38.3



#46

Dibromomethane

Concen: 46.887 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

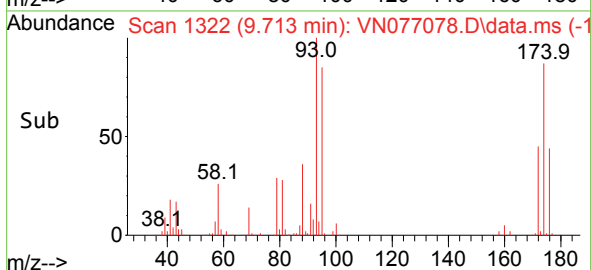
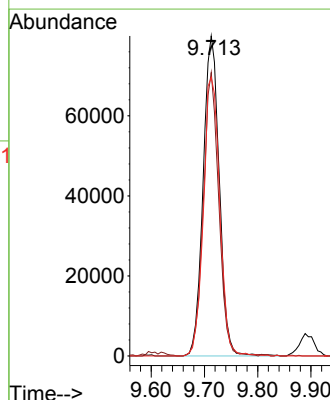
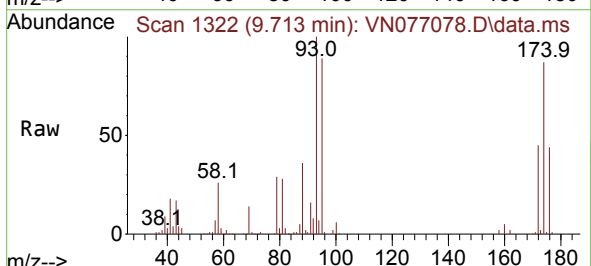
Tgt Ion: 93 Resp: 168282

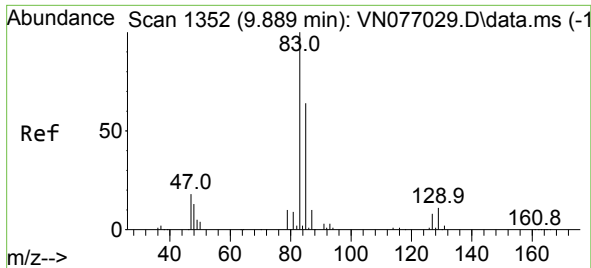
Ion Ratio Lower Upper

93 100

95 84.7 65.7 98.5

174 88.2 66.4 99.6

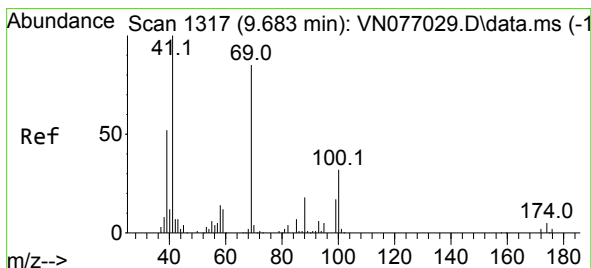
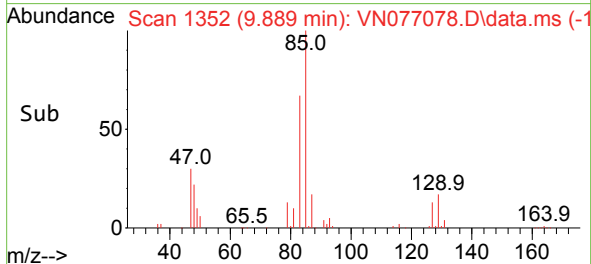
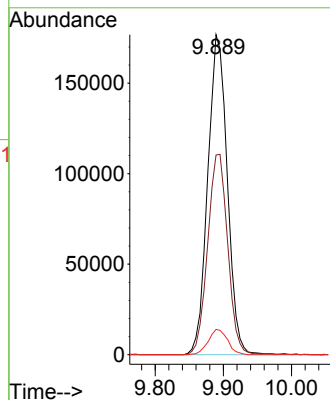
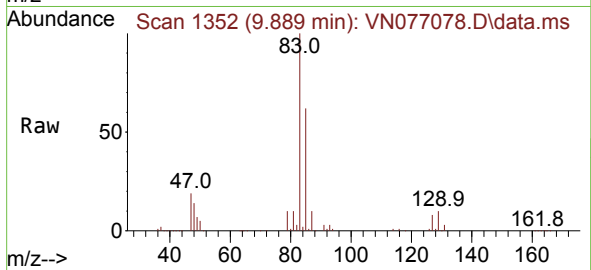




#47
Bromodichloromethane
Concen: 46.821 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

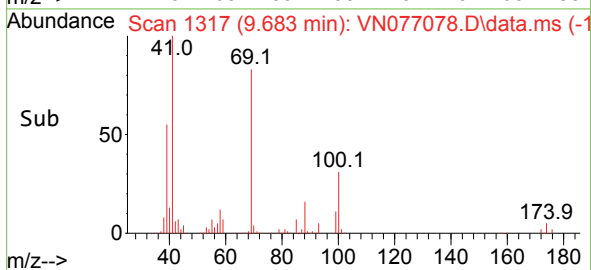
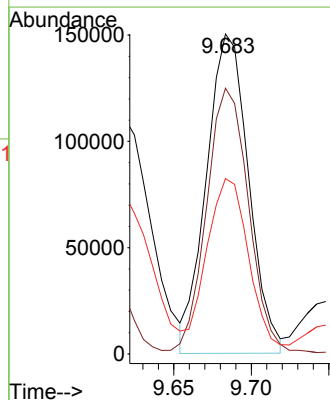
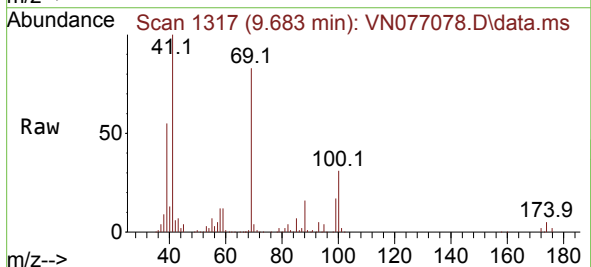
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

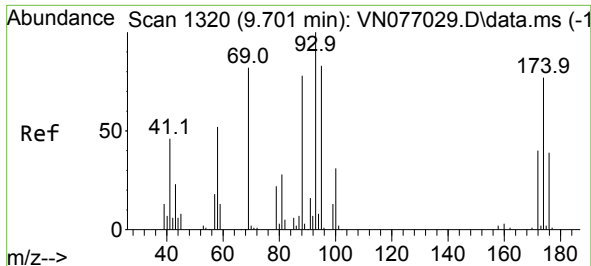
Tgt Ion: 83 Resp: 352448
Ion Ratio Lower Upper
83 100
85 62.4 51.0 76.4
127 7.9 6.1 9.1



#48
Methyl methacrylate
Concen: 50.326 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 41 Resp: 284113
Ion Ratio Lower Upper
41 100
69 84.5 64.3 96.5
39 55.7 43.2 64.8





#49

1,4-Dioxane

Concen: 1049.262 ug/l

RT: 9.701 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077078.D

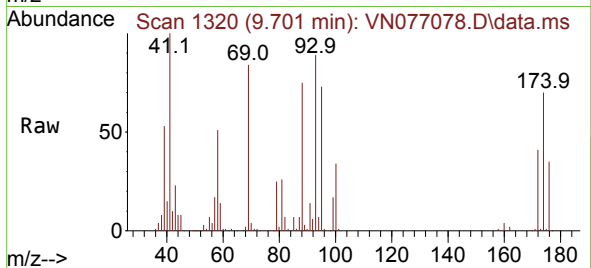
Acq: 20 Mar 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313MS



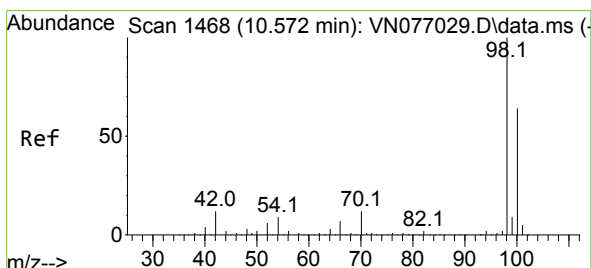
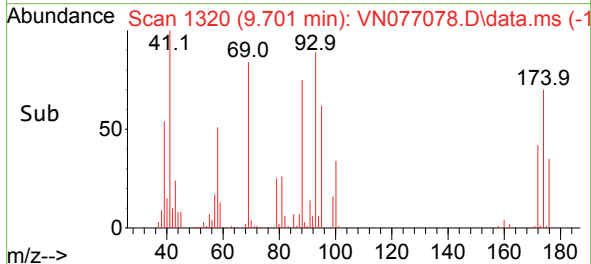
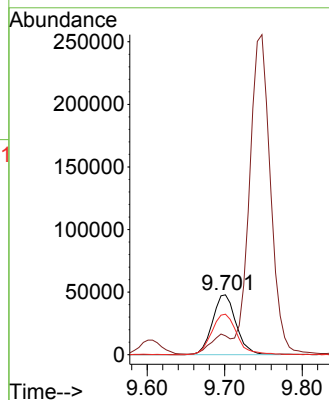
Tgt Ion: 88 Resp: 101173

Ion Ratio Lower Upper

88 100

43 27.1 22.2 33.2

58 72.8 60.8 91.2



#50

Toluene-d8

Concen: 51.110 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077078.D

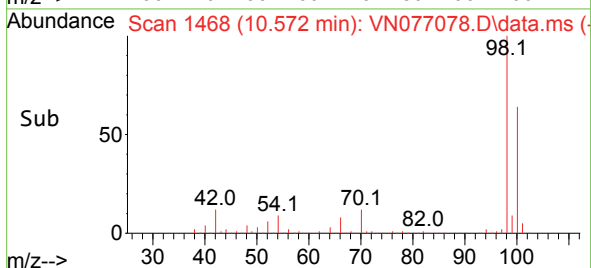
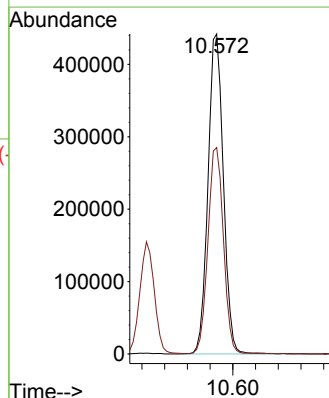
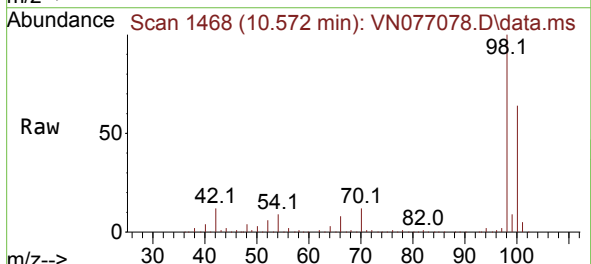
Acq: 20 Mar 2023 19:07

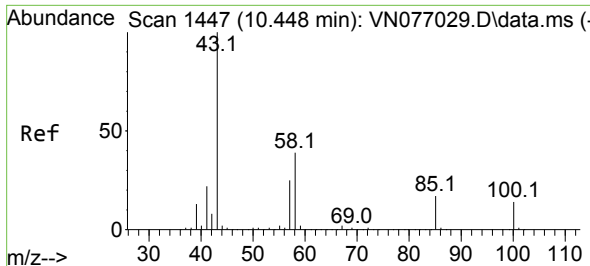
Tgt Ion: 98 Resp: 825851

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4

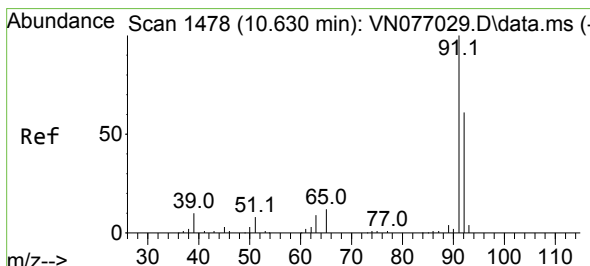
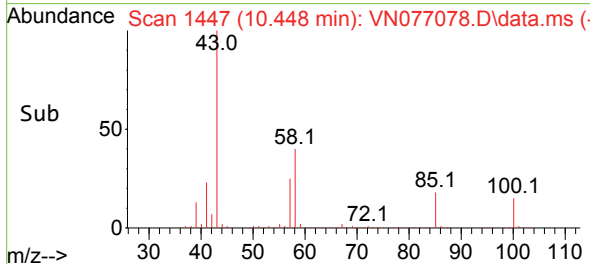
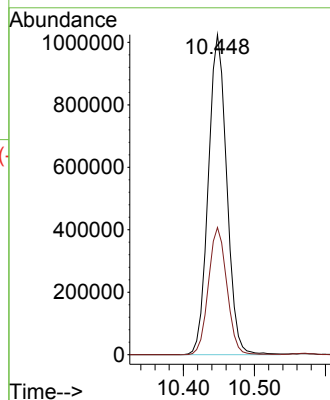
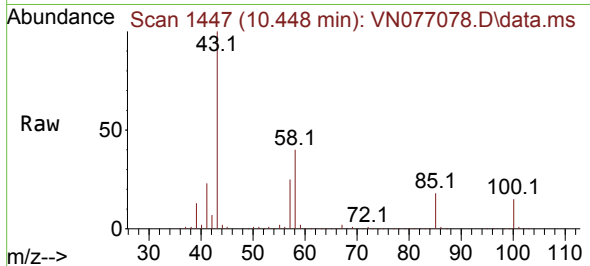




#51
4-Methyl-2-Pentanone
Concen: 251.217 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

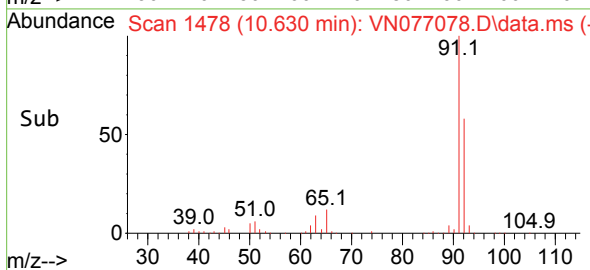
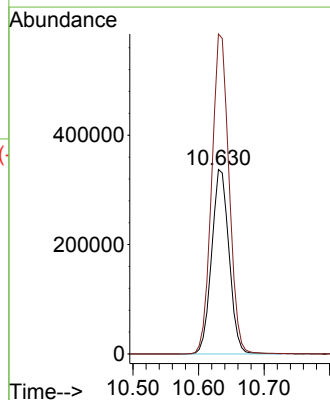
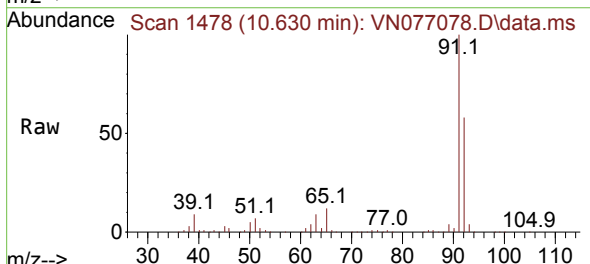
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

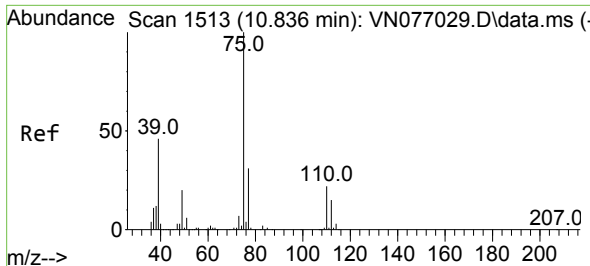
Tgt Ion: 43 Resp: 1847362
Ion Ratio Lower Upper
43 100
58 39.7 31.1 46.7



#52
Toluene
Concen: 48.575 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 92 Resp: 621452
Ion Ratio Lower Upper
92 100
91 173.4 135.8 203.8

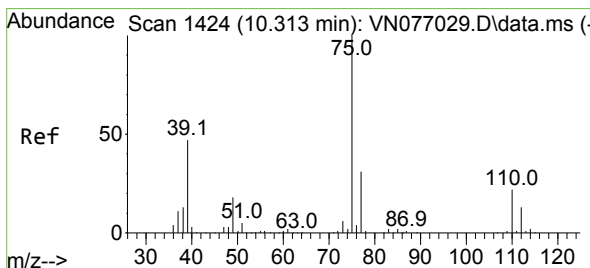
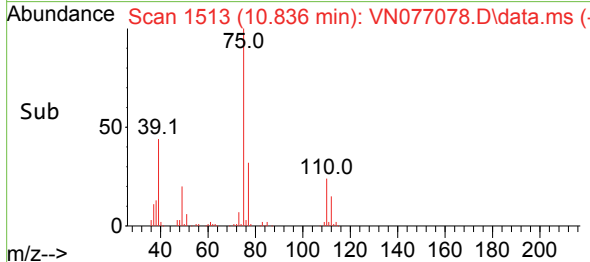
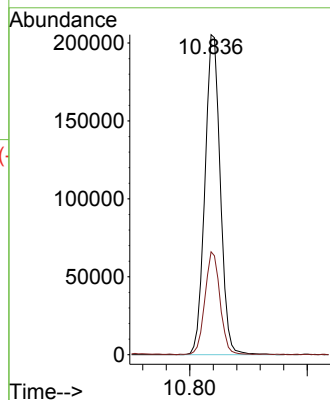
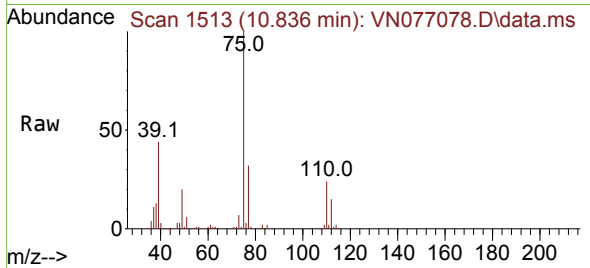




#53
 t-1,3-Dichloropropene
 Concen: 50.609 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN077078.D
 Acq: 20 Mar 2023 19:07

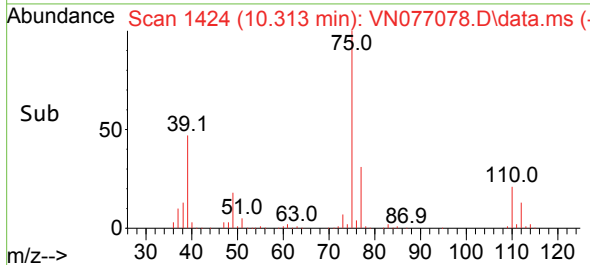
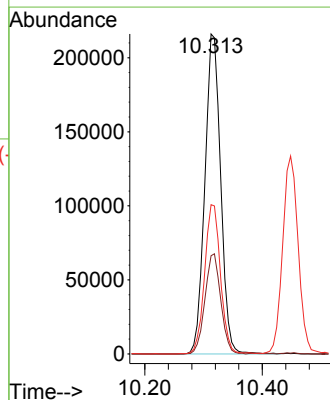
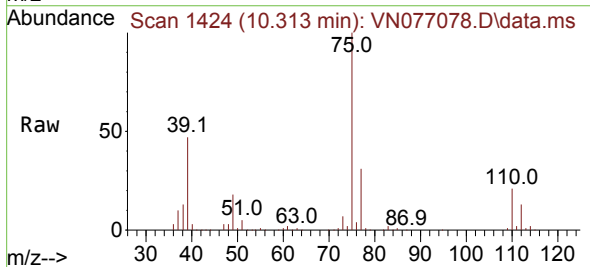
Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313MS

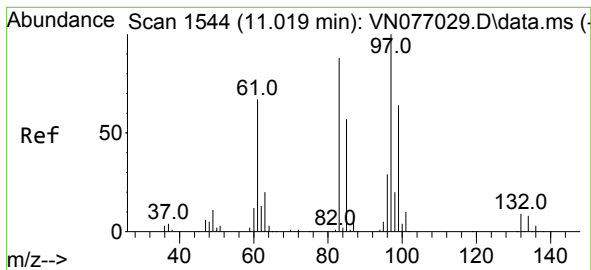
Tgt Ion: 75 Resp: 373384
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 48.428 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077078.D
 Acq: 20 Mar 2023 19:07

Tgt Ion: 75 Resp: 403132
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.5 36.7
 39 46.5 37.8 56.6





#55

1,1,2-Trichloroethane

Concen: 49.757 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313MS

Tgt Ion: 97 Resp: 251020

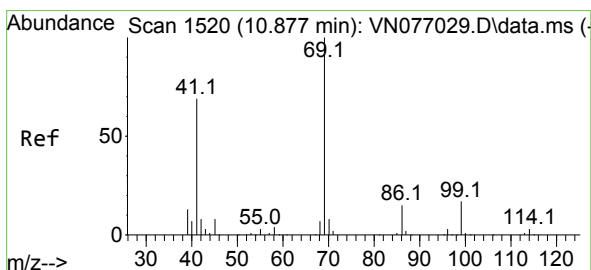
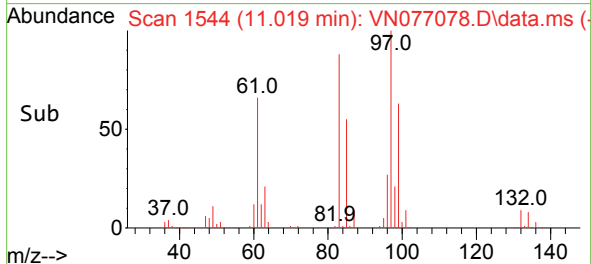
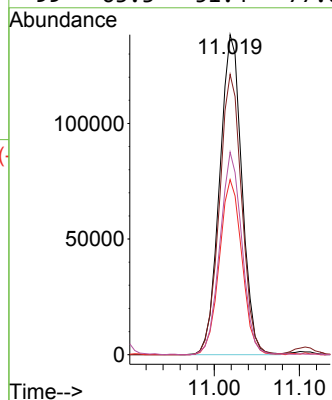
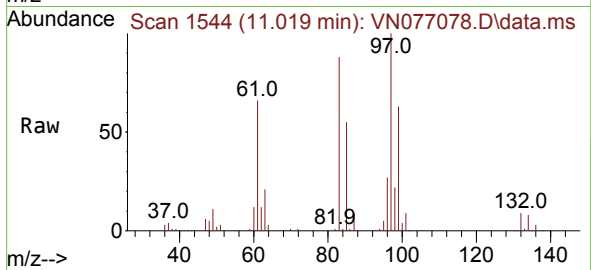
Ion Ratio Lower Upper

97 100

83 87.6 70.5 105.7

85 54.7 45.4 68.2

99 63.3 51.4 77.0



#56

Ethyl methacrylate

Concen: 52.923 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

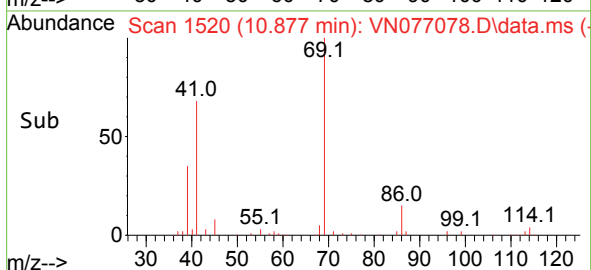
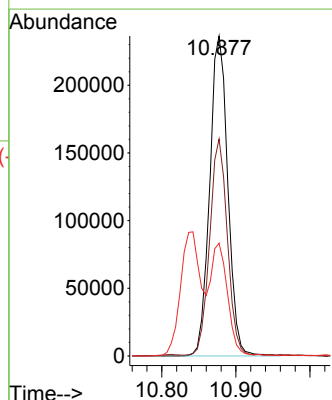
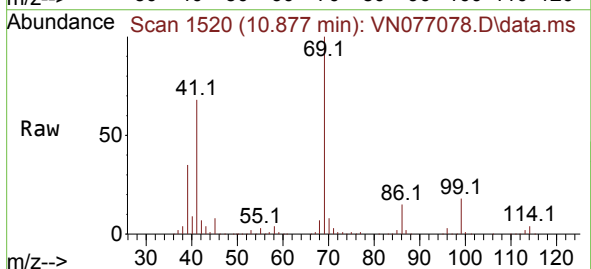
Tgt Ion: 69 Resp: 401484

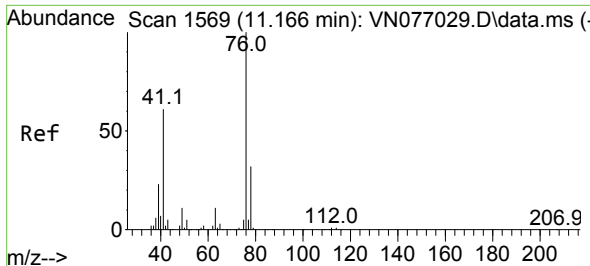
Ion Ratio Lower Upper

69 100

41 65.7 54.9 82.3

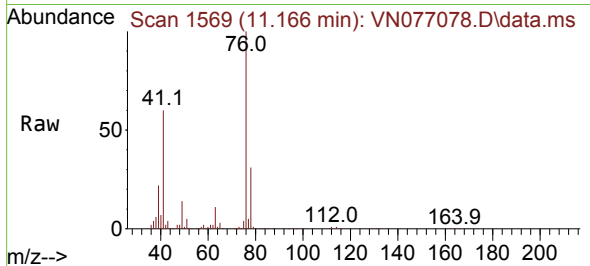
39 32.2 26.6 40.0



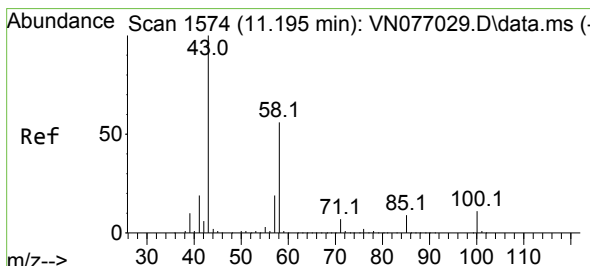
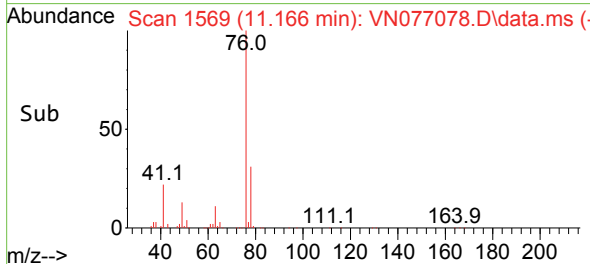
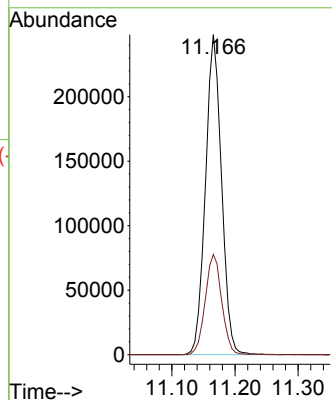


#57
1,3-Dichloropropane
Concen: 47.393 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

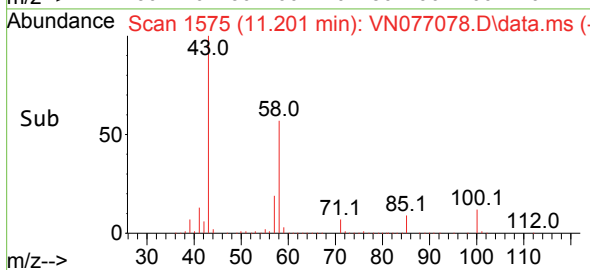
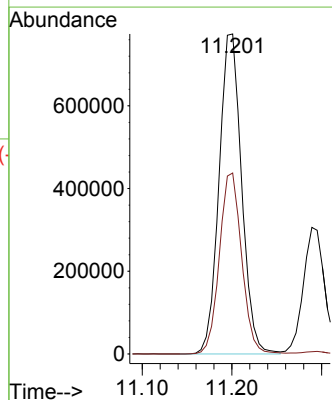
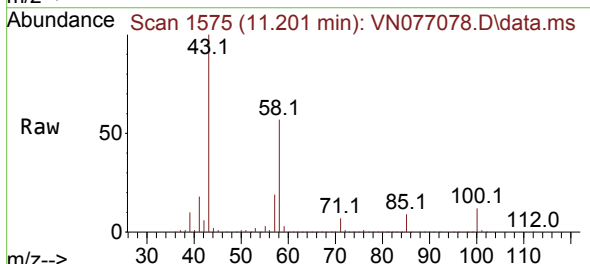


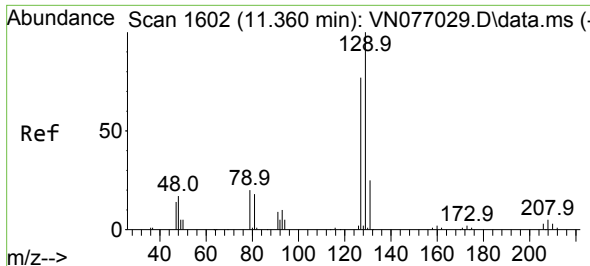
Tgt Ion: 76 Resp: 437746
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#59
2-Hexanone
Concen: 253.645 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 43 Resp: 1352868
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.1

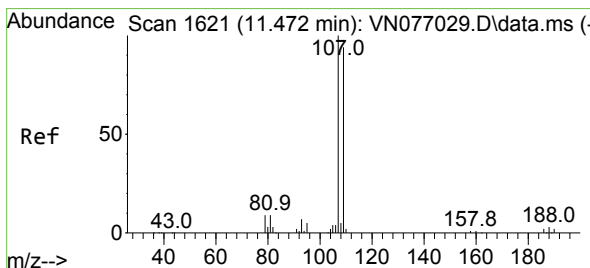
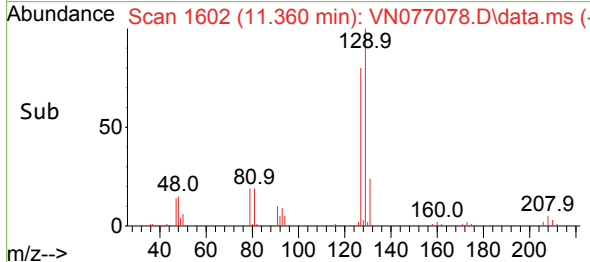
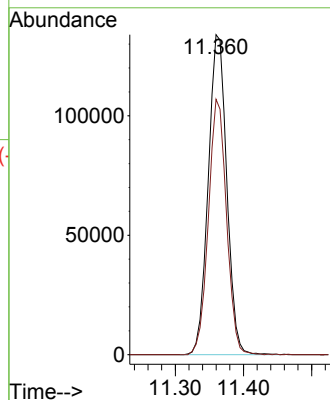
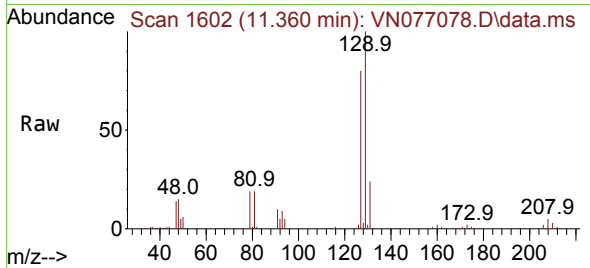




#60
Dibromochloromethane
Concen: 49.995 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

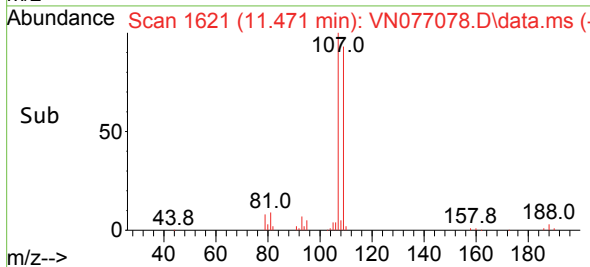
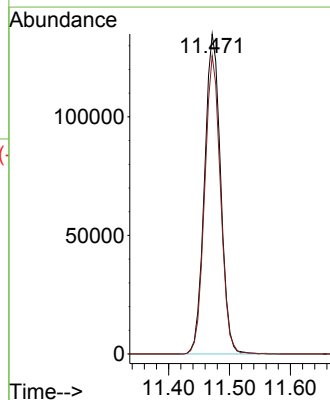
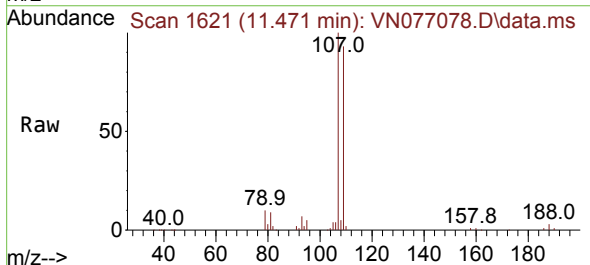
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

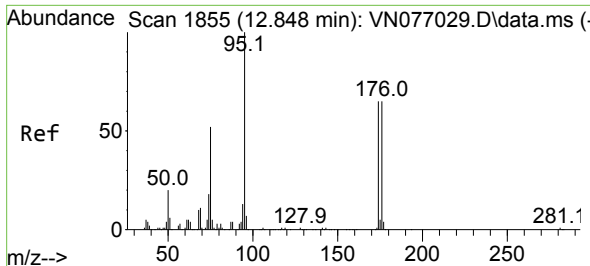
Tgt Ion:129 Resp: 253357
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.7



#61
1,2-Dibromoethane
Concen: 49.457 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion:107 Resp: 247428
Ion Ratio Lower Upper
107 100
109 91.7 75.6 113.4

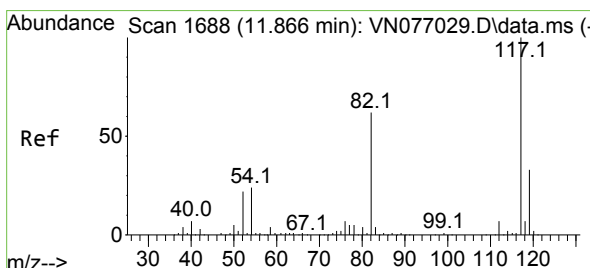
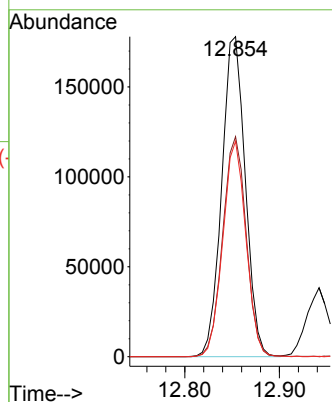
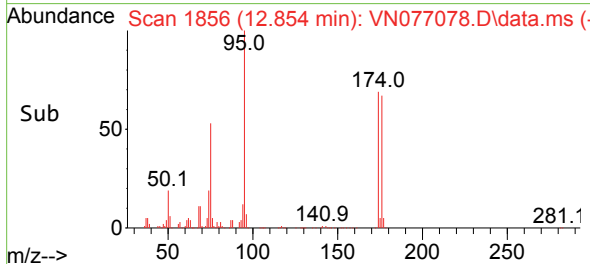
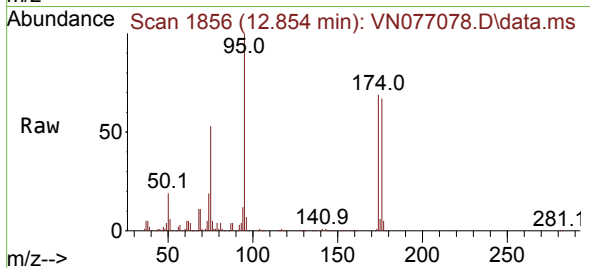




#62
4-Bromofluorobenzene
Concen: 53.952 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

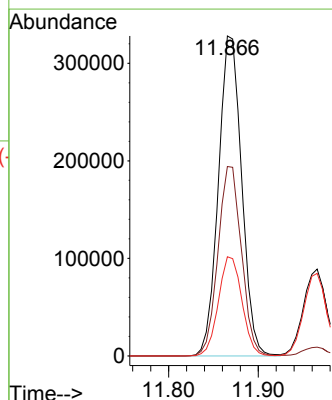
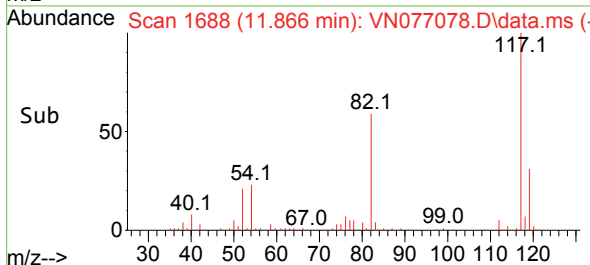
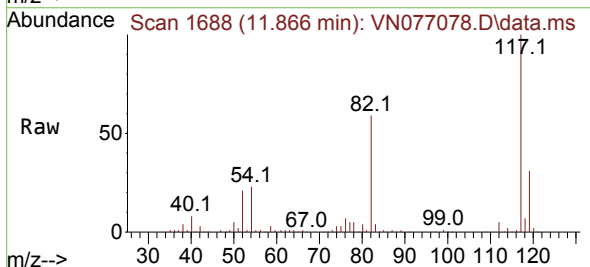
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

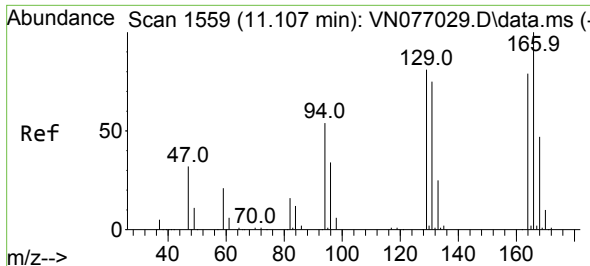
Tgt Ion: 95 Resp: 308052
Ion Ratio Lower Upper
95 100
174 68.5 0.0 136.6
176 66.0 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 117 Resp: 591266
Ion Ratio Lower Upper
117 100
82 59.2 49.4 74.0
119 31.0 26.5 39.7

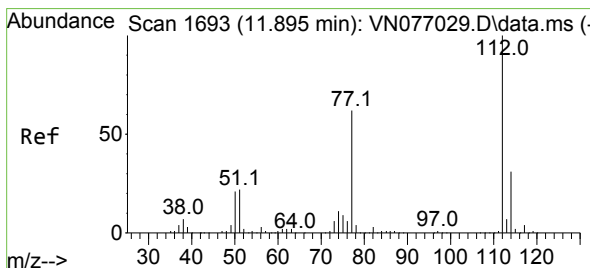
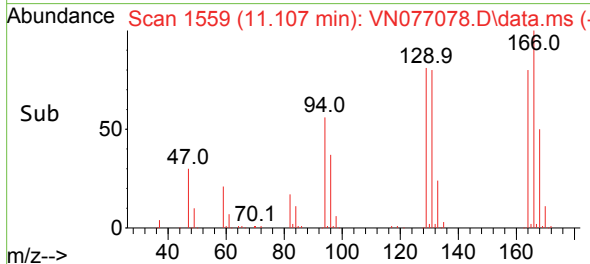
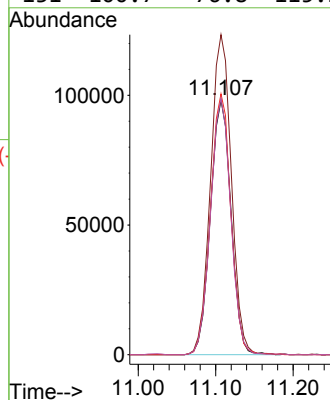
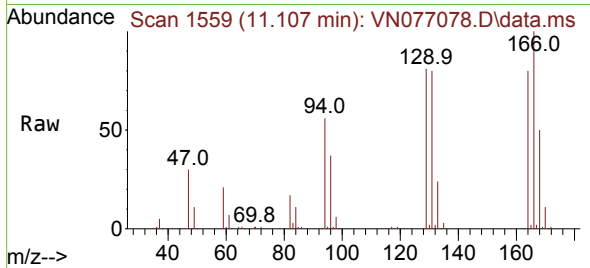




#64
Tetrachloroethene
Concen: 45.565 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

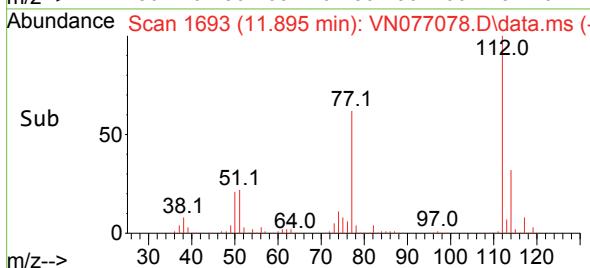
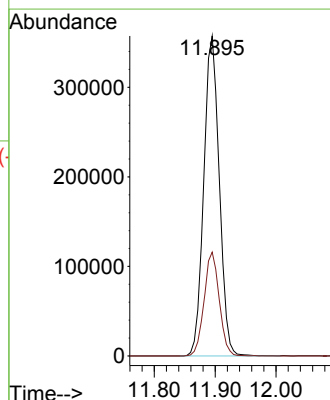
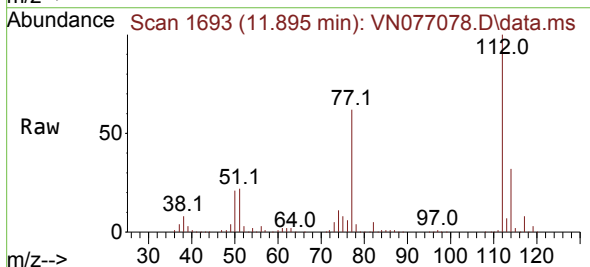
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

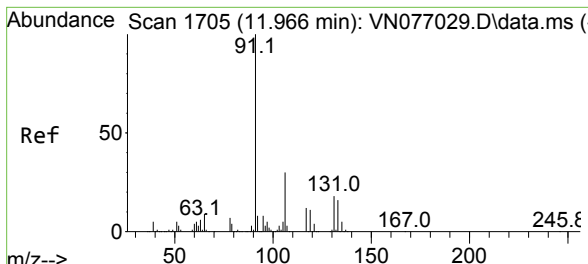
Tgt Ion:164 Resp: 180812
Ion Ratio Lower Upper
164 100
166 125.8 101.9 152.9
129 102.5 82.6 123.8
131 100.7 76.8 115.2



#65
Chlorobenzene
Concen: 46.409 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion:112 Resp: 631365
Ion Ratio Lower Upper
112 100
114 32.4 24.8 37.2

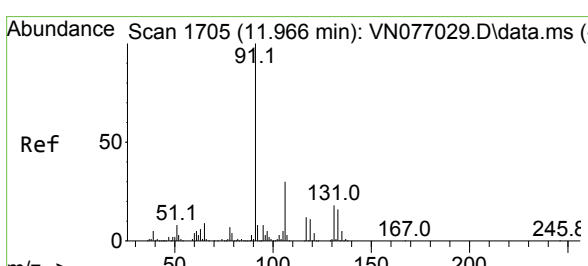
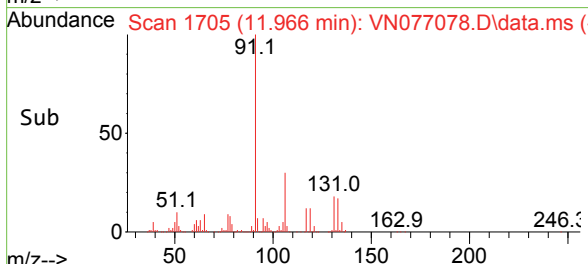
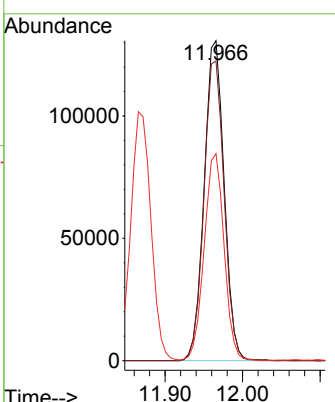
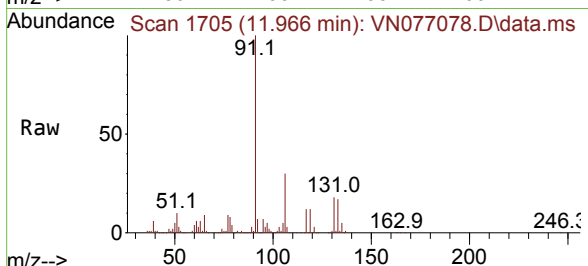




#66
 1,1,1,2-Tetrachloroethane
 Concen: 46.509 ug/l
 RT: 11.966 min Scan# 1705
 Delta R.T. -0.000 min
 Lab File: VN077078.D
 Acq: 20 Mar 2023 19:07

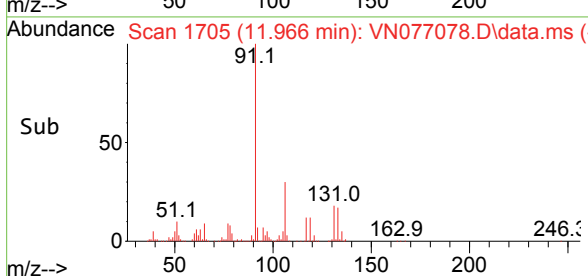
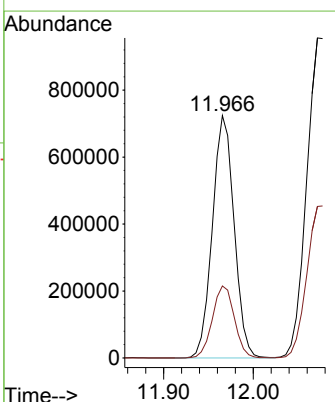
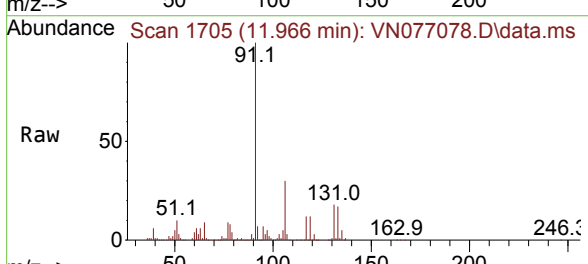
Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313MS

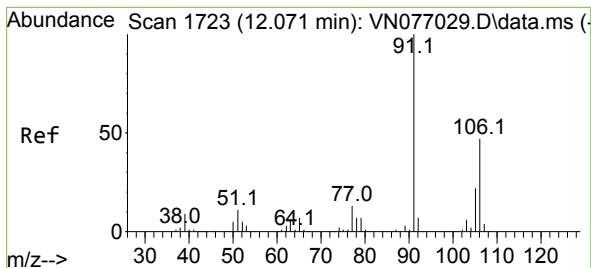
Tgt Ion:	131	Resp:	234121
Ion	Ratio	Lower	Upper
131	100		
133	94.9	46.8	140.3
119	64.5	32.6	97.8



#67
 Ethyl Benzene
 Concen: 49.230 ug/l
 RT: 11.966 min Scan# 1705
 Delta R.T. -0.000 min
 Lab File: VN077078.D
 Acq: 20 Mar 2023 19:07

Tgt Ion:	91	Resp:	1216507
Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.3	36.5





#68

m/p-Xylenes

Concen: 98.726 ug/l

RT: 12.077 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

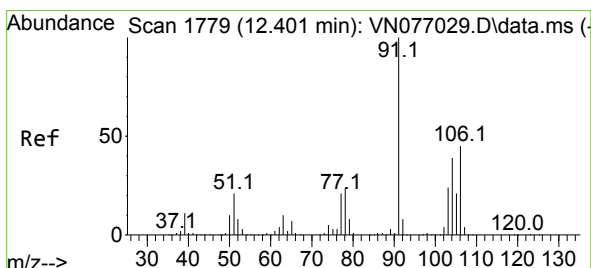
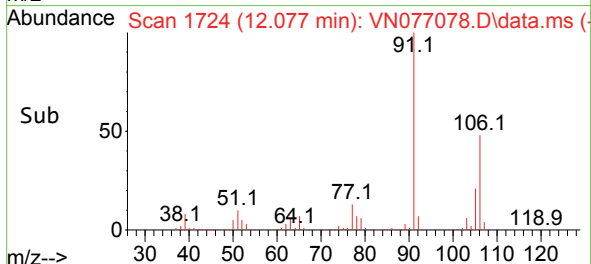
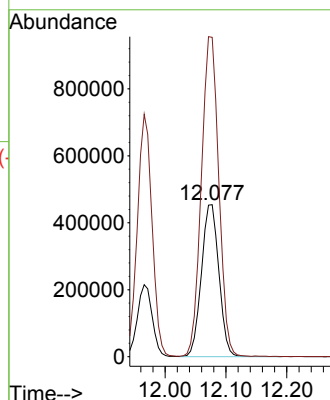
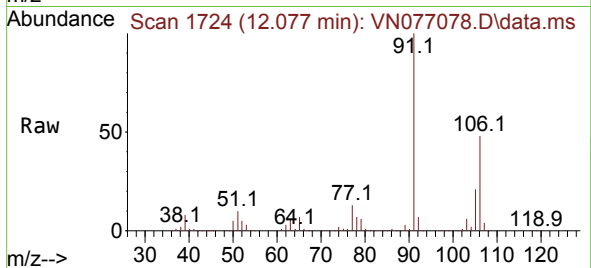
TT180D1-20230313MS

Tgt Ion:106 Resp: 904762

Ion Ratio Lower Upper

106 100

91 209.9 168.0 252.0



#69

o-Xylene

Concen: 49.354 ug/l

RT: 12.401 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN077078.D

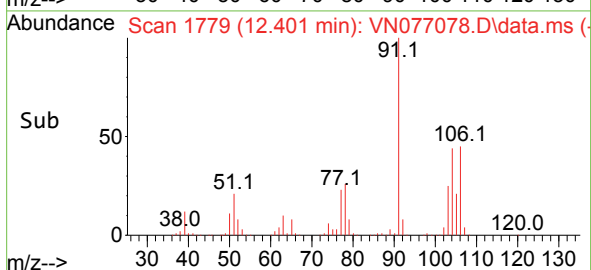
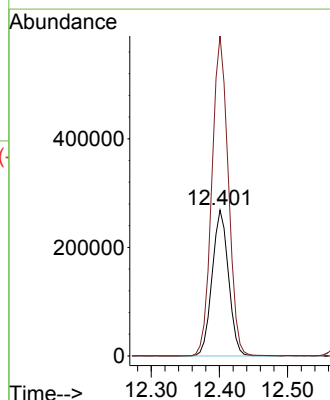
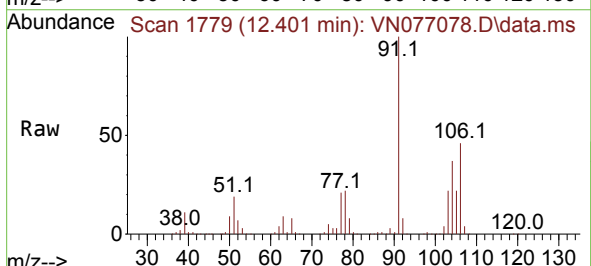
Acq: 20 Mar 2023 19:07

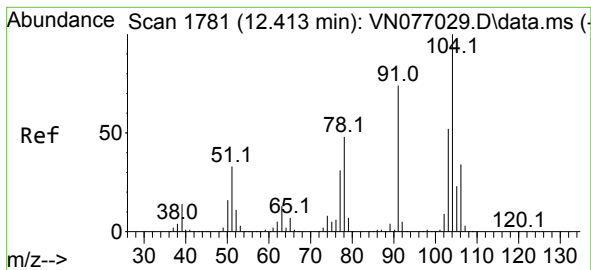
Tgt Ion:106 Resp: 449415

Ion Ratio Lower Upper

106 100

91 220.0 110.3 330.9





#70

Styrene

Concen: 52.048 ug/l

RT: 12.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313MS

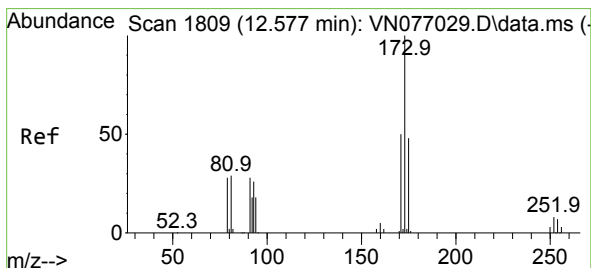
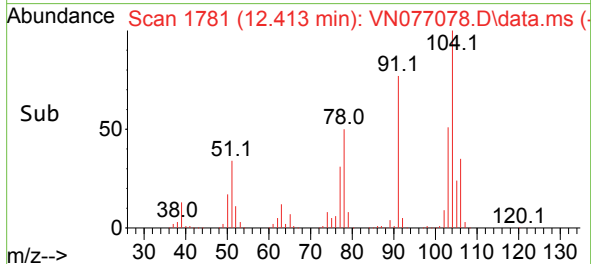
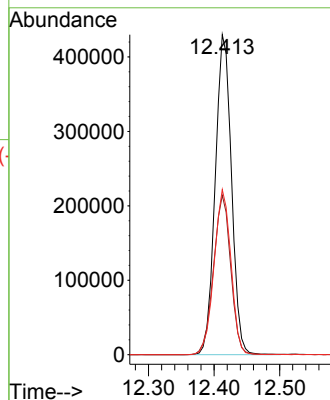
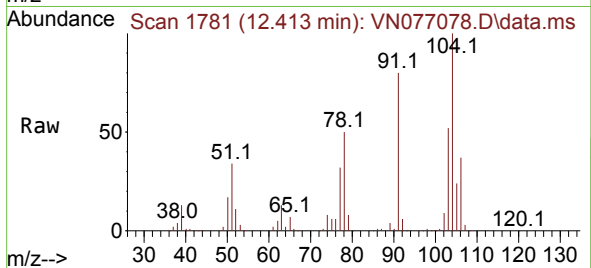
Tgt Ion:104 Resp: 737883

Ion Ratio Lower Upper

104 100

78 52.7 41.8 62.8

103 53.7 43.8 65.6



#71

Bromoform

Concen: 50.791 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

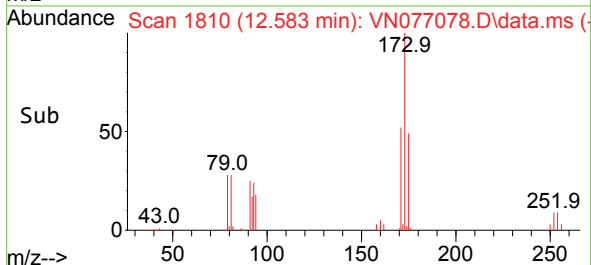
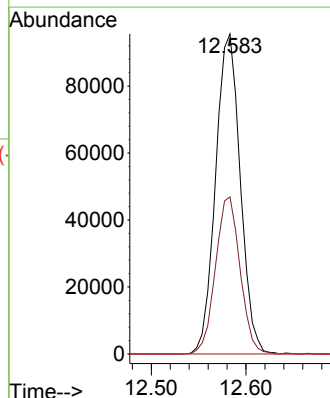
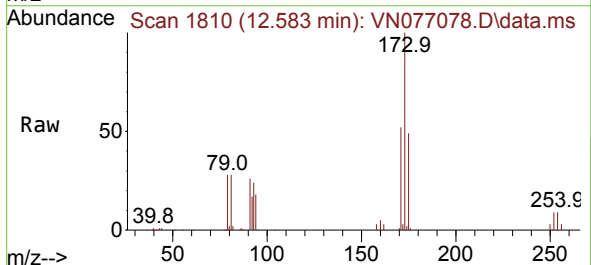
Tgt Ion:173 Resp: 173253

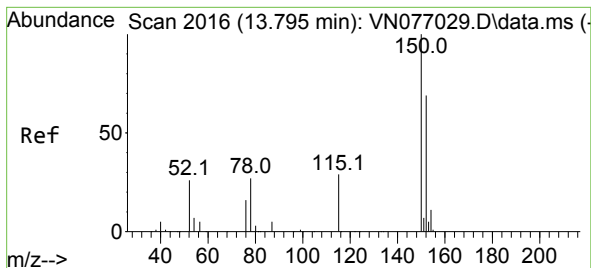
Ion Ratio Lower Upper

173 100

175 48.8 24.5 73.5

254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313MS

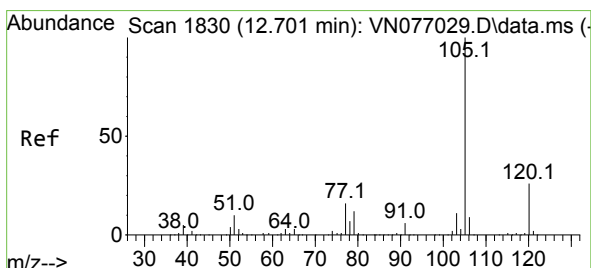
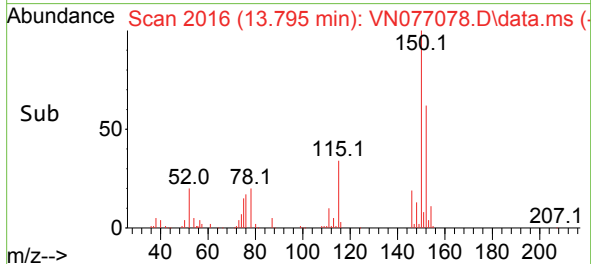
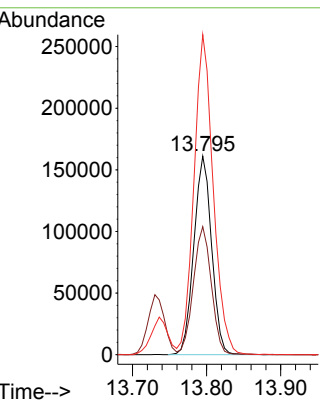
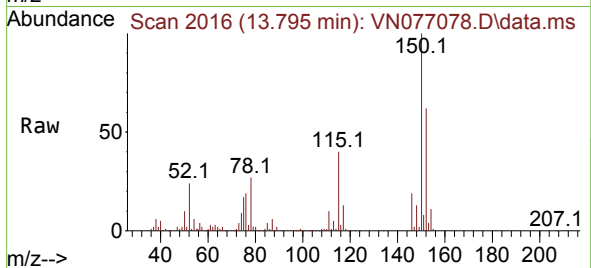
Tgt Ion:152 Resp: 268517

Ion Ratio Lower Upper

152 100

115 65.2 31.9 95.7

150 174.3 0.0 348.0



#73

Isopropylbenzene

Concen: 49.203 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077078.D

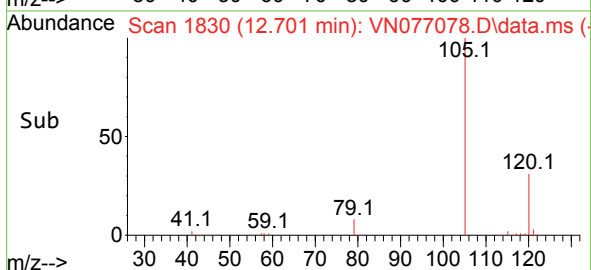
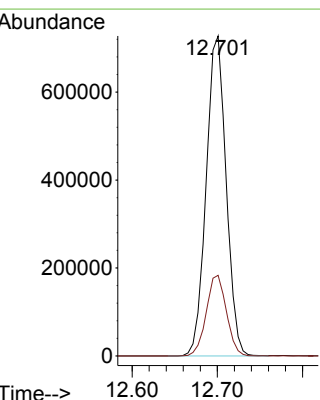
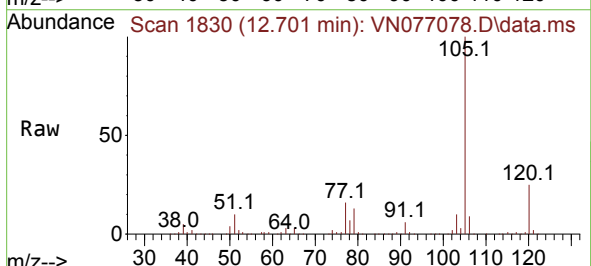
Acq: 20 Mar 2023 19:07

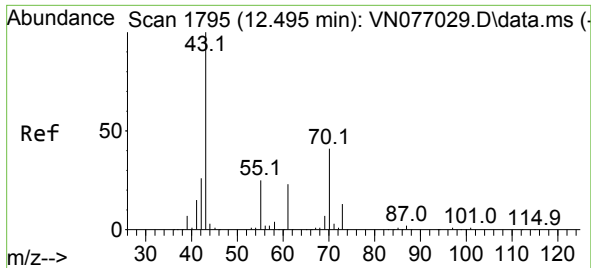
Tgt Ion:105 Resp: 1184008

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.4

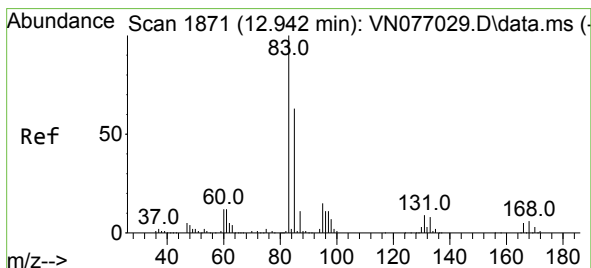
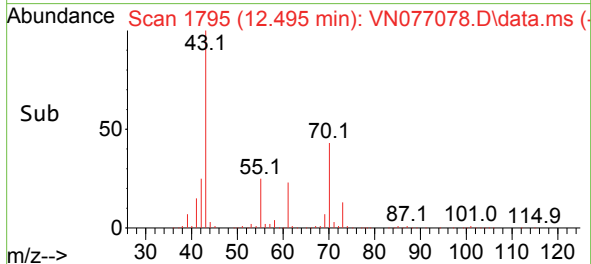
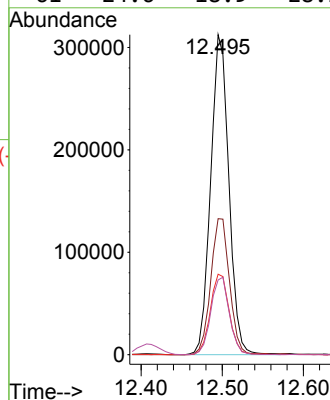
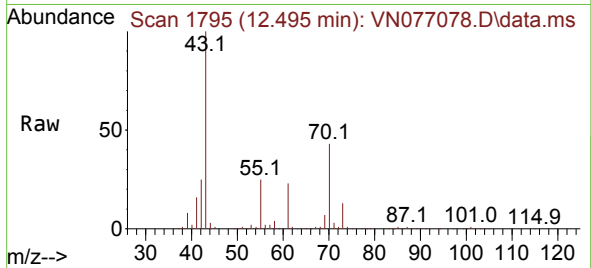




#74
N-amy1 acetate
Concen: 46.691 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

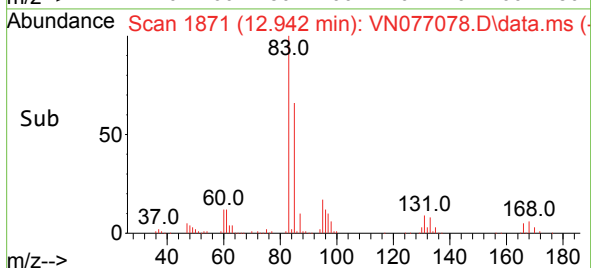
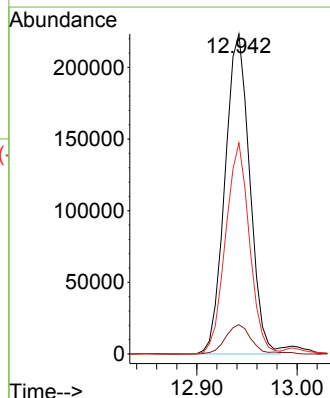
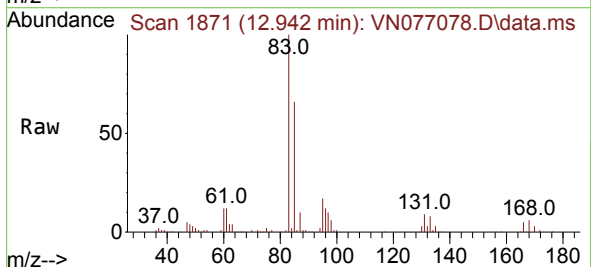
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

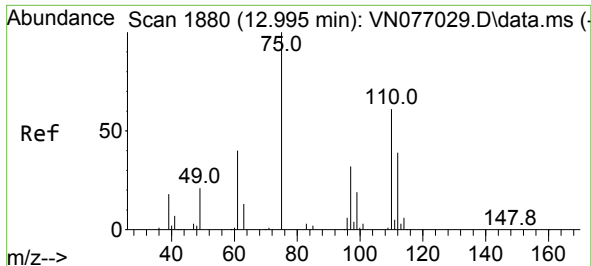
Tgt	Ion: 43	Resp:	486312
Ion	Ratio	Lower	Upper
43	100		
70	43.9	33.6	50.4
55	26.2	20.3	30.5
61	24.6	18.9	28.3



#75
1,1,2,2-Tetrachloroethane
Concen: 43.954 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 83	Resp: 383194
Ion Ratio	Lower Upper
83 100	
131 9.6	4.5 13.7
85 63.8	31.9 95.9

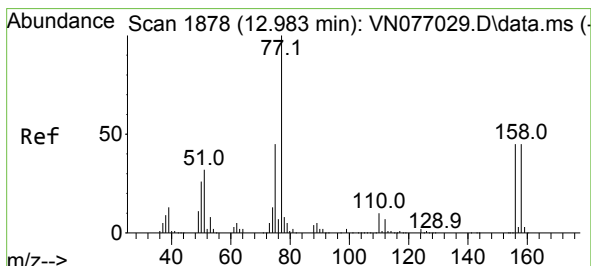
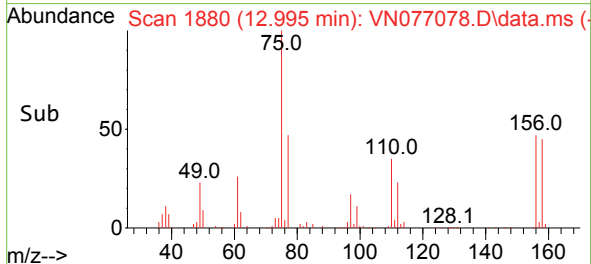
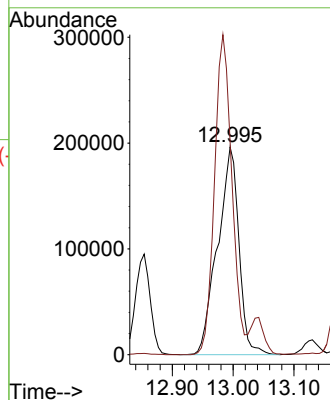
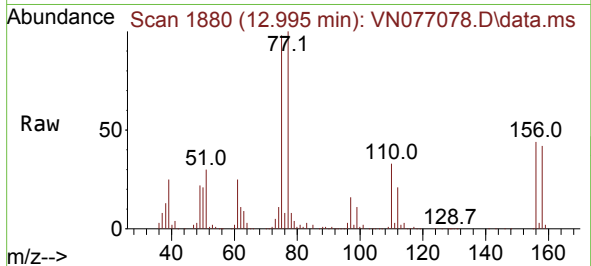




#76
1,2,3-Trichloropropane
Concen: 68.651 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

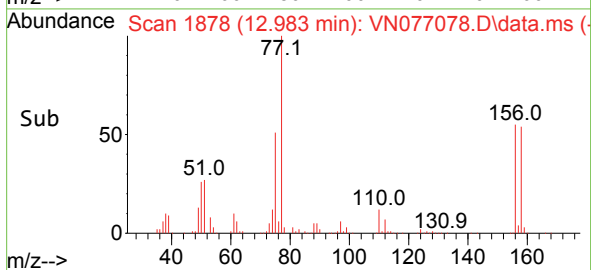
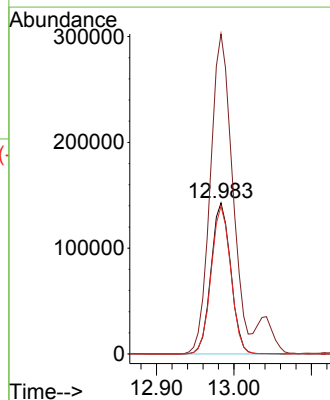
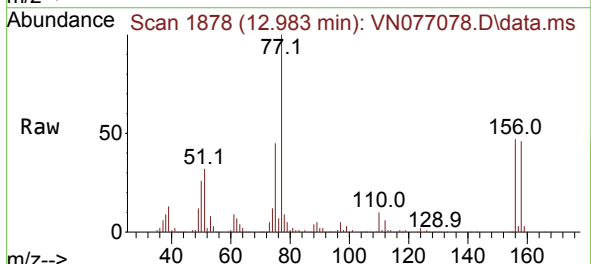
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

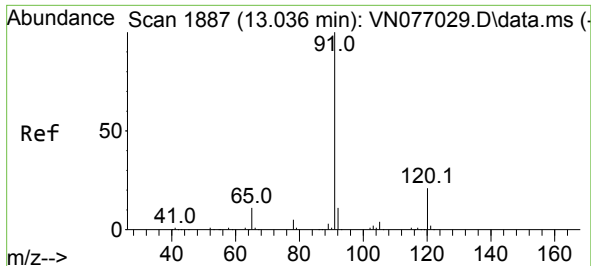
Tgt Ion: 75 Resp: 476820
Ion Ratio Lower Upper
75 100
77 126.8 107.3 322.0



#77
Bromobenzene
Concen: 46.785 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion:156 Resp: 252199
Ion Ratio Lower Upper
156 100
77 239.7 124.8 374.3
158 97.1 48.6 145.9

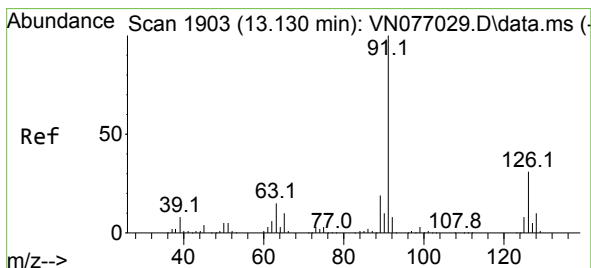
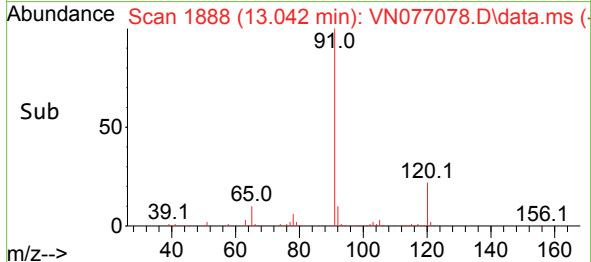
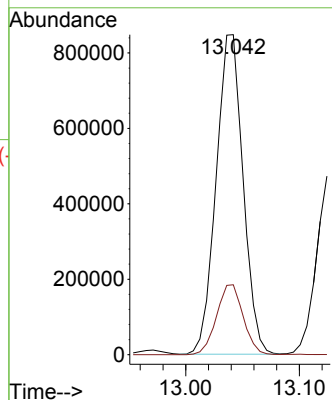
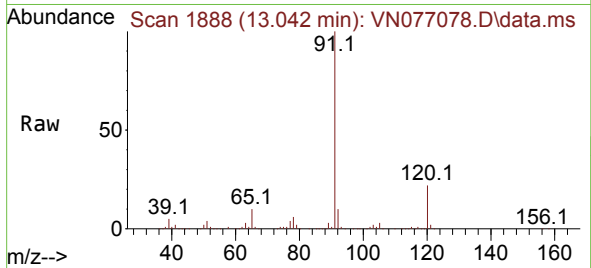




#78
n-propylbenzene
Concen: 50.294 ug/l
RT: 13.042 min Scan# 1887
Delta R.T. 0.006 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

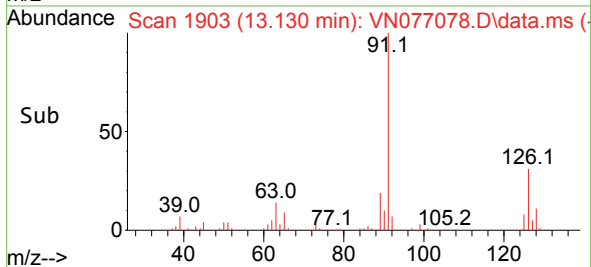
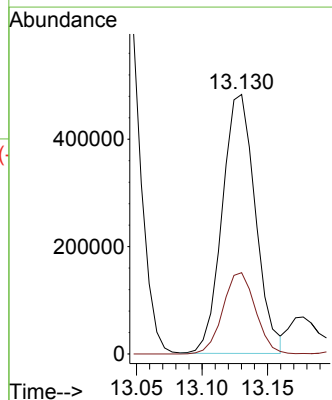
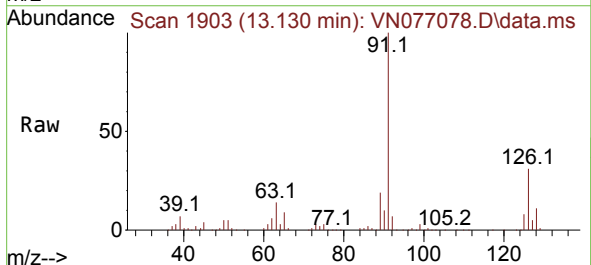
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

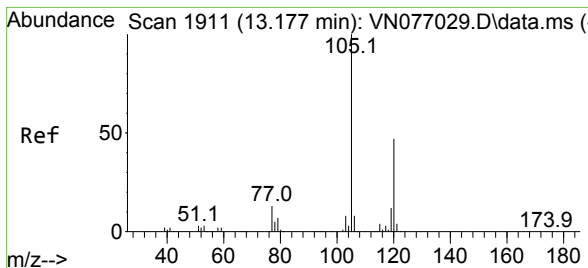
Tgt Ion: 91 Resp: 1397101
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.3



#79
2-Chlorotoluene
Concen: 48.004 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 91 Resp: 849701
Ion Ratio Lower Upper
91 100
126 30.7 15.2 45.5





#80

1,3,5-Trimethylbenzene

Concen: 50.088 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

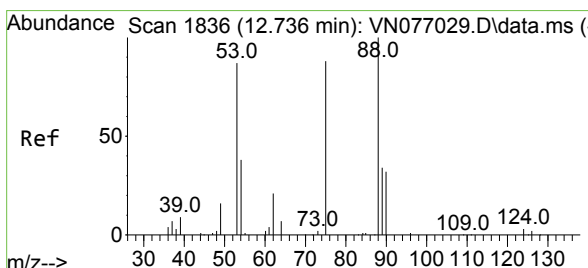
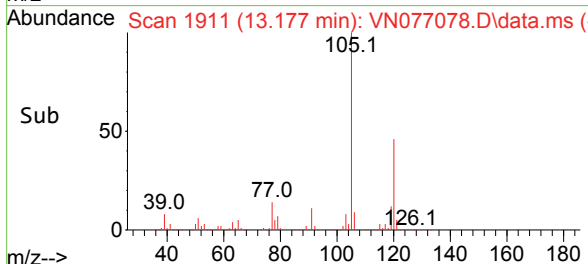
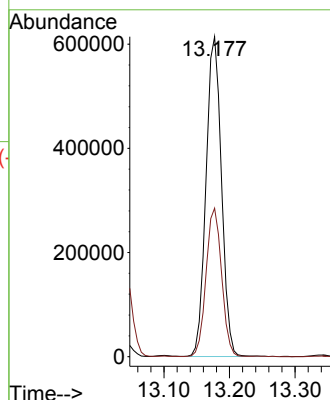
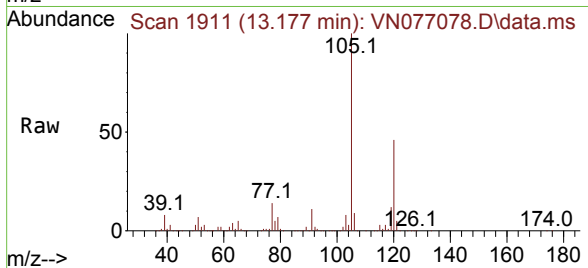
TT180D1-20230313MS

Tgt Ion:105 Resp: 1006308

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.2



#81

trans-1,4-Dichloro-2-butene

Concen: 45.476 ug/l

RT: 12.742 min Scan# 1837

Delta R.T. 0.006 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

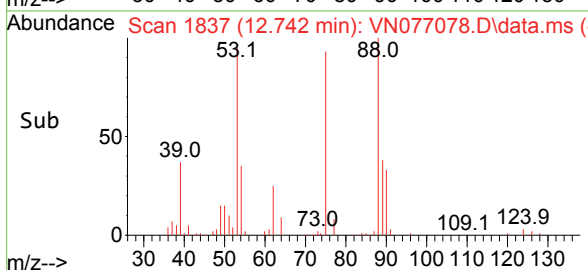
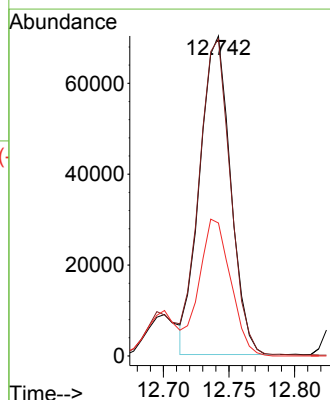
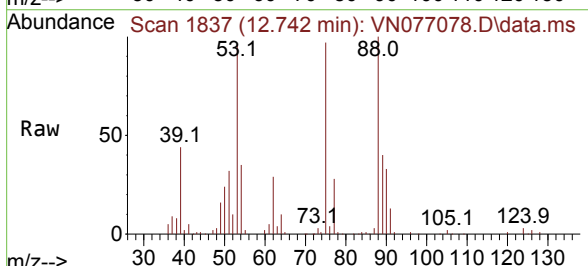
Tgt Ion: 75 Resp: 114749

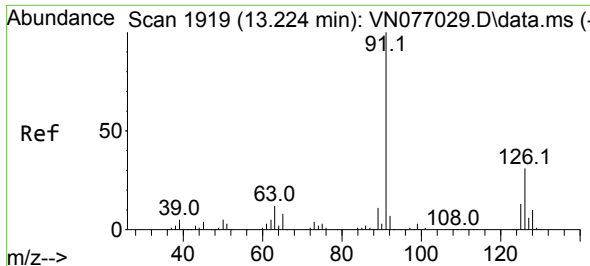
Ion Ratio Lower Upper

75 100

53 100.7 80.8 121.2

89 44.1 34.2 51.4

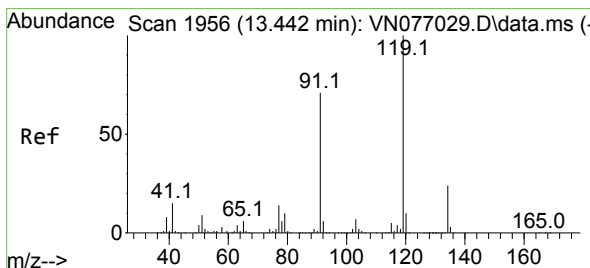
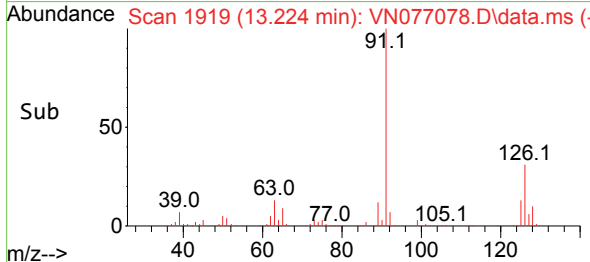
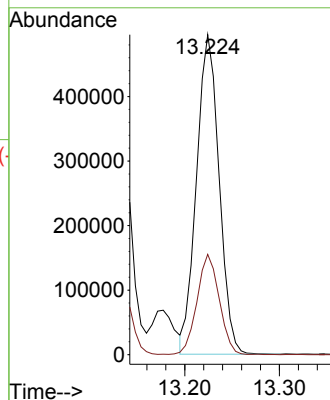
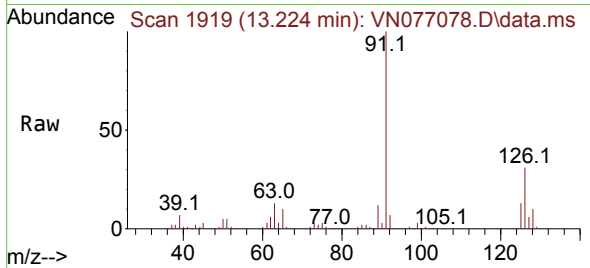




#82
4-Chlorotoluene
Concen: 48.799 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

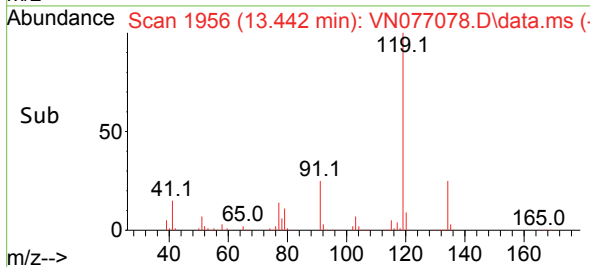
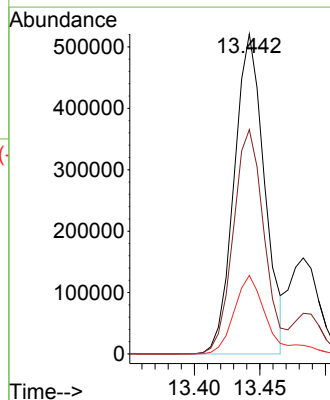
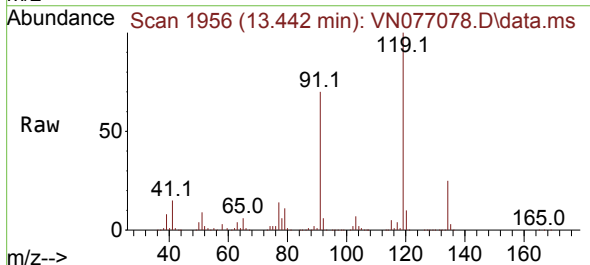
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

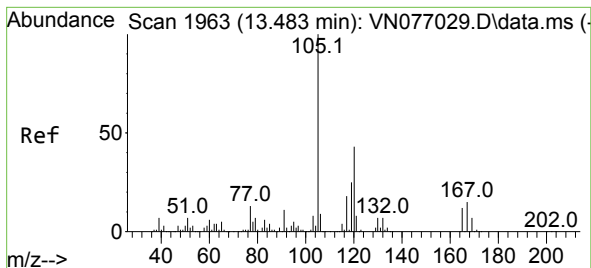
Tgt Ion: 91 Resp: 821385
Ion Ratio Lower Upper
91 100
126 30.9 15.5 46.5



#83
tert-Butylbenzene
Concen: 49.822 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 119 Resp: 840422
Ion Ratio Lower Upper
119 100
91 71.8 35.8 107.3
134 26.7 13.3 39.8





#84

1,2,4-Trimethylbenzene

Concen: 50.061 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

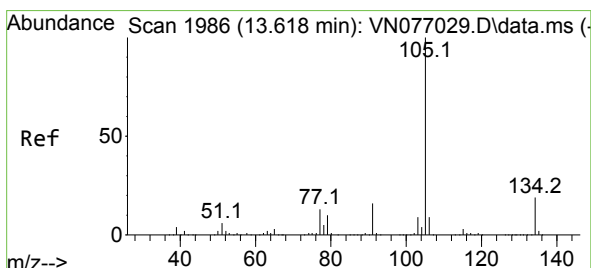
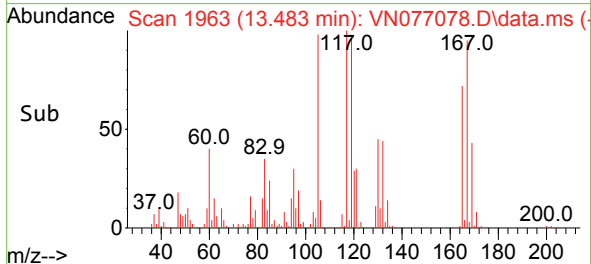
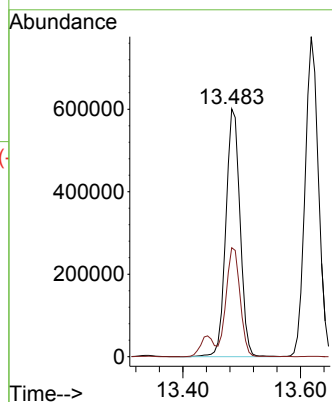
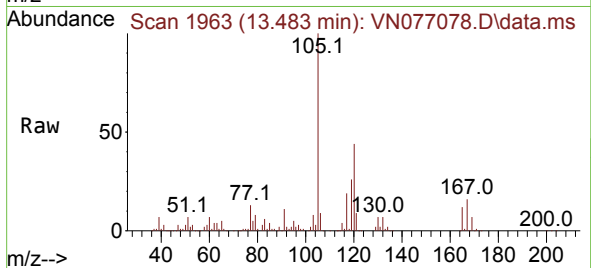
TT180D1-20230313MS

Tgt Ion:105 Resp: 1003686

Ion Ratio Lower Upper

105 100

120 43.2 21.8 65.3



#85

sec-Butylbenzene

Concen: 51.364 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN077078.D

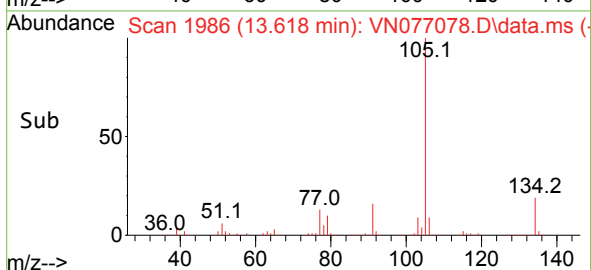
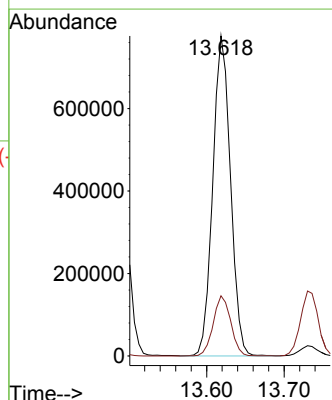
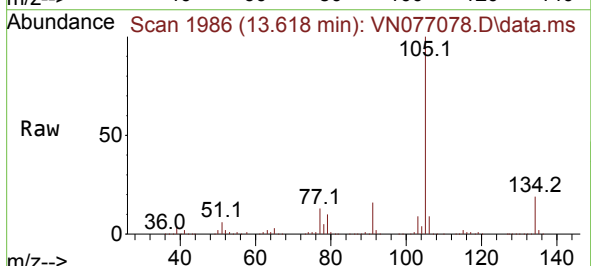
Acq: 20 Mar 2023 19:07

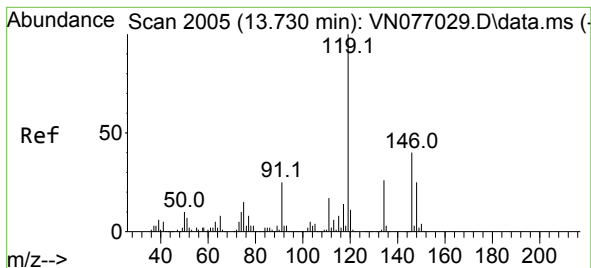
Tgt Ion:105 Resp: 1232494

Ion Ratio Lower Upper

105 100

134 18.6 9.3 27.9





#86

p-Isopropyltoluene

Concen: 51.744 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313MS

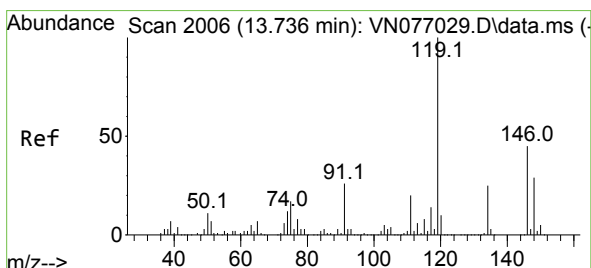
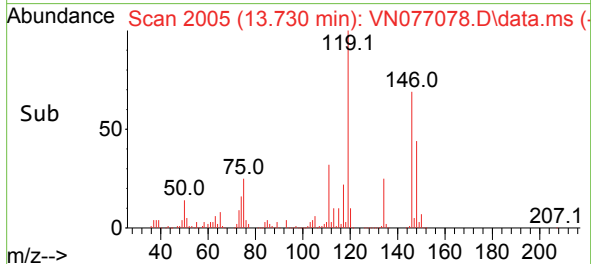
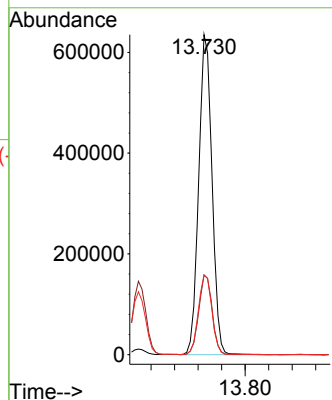
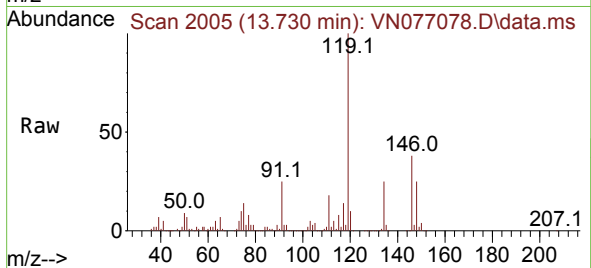
Tgt Ion:119 Resp: 997085

Ion Ratio Lower Upper

119 100

134 25.0 12.8 38.4

91 25.1 12.7 38.1



#87

1,3-Dichlorobenzene

Concen: 46.393 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

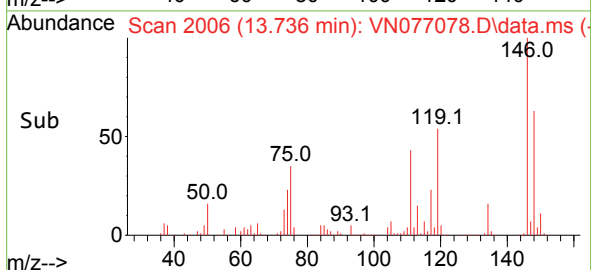
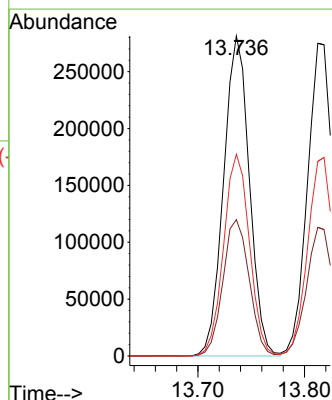
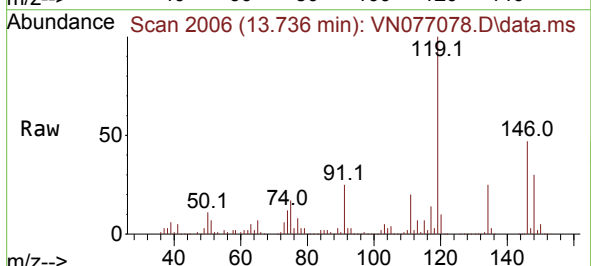
Tgt Ion:146 Resp: 472655

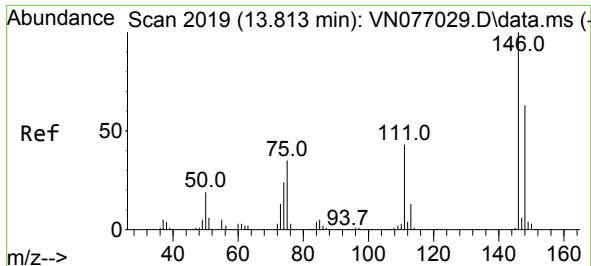
Ion Ratio Lower Upper

146 100

111 43.4 21.9 65.5

148 63.3 32.1 96.5

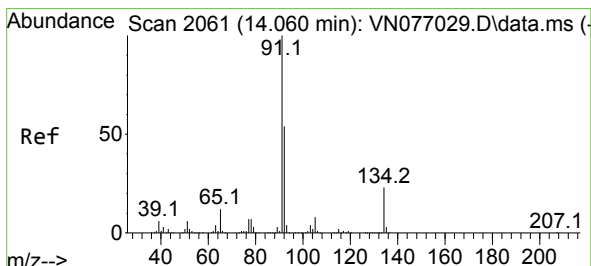
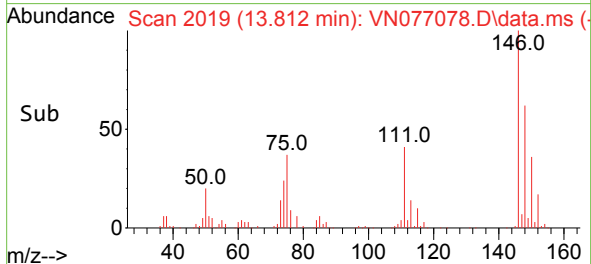
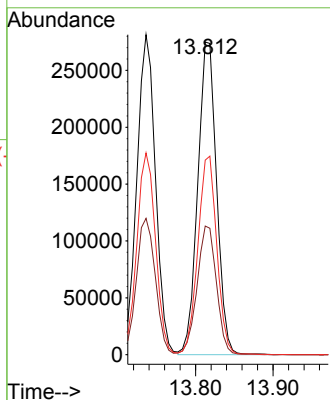
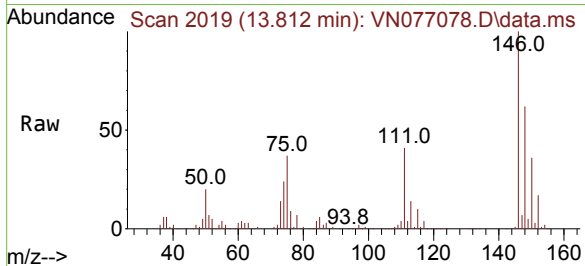




#88
1,4-Dichlorobenzene
Concen: 45.806 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

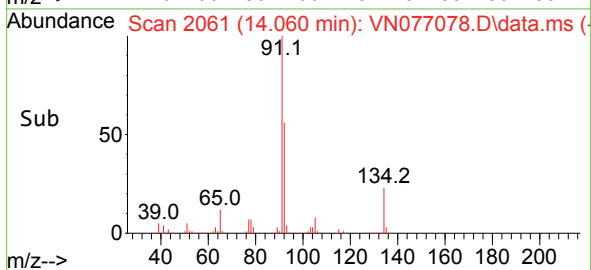
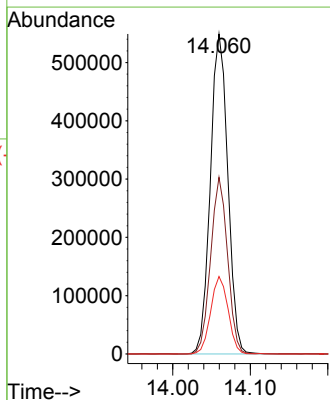
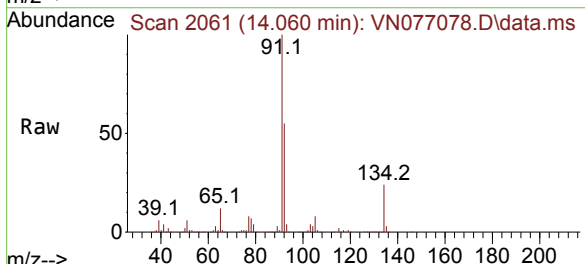
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MS

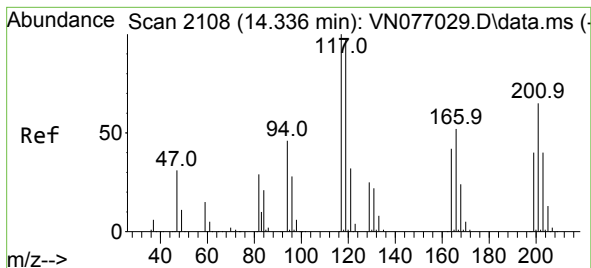
Tgt Ion:146 Resp: 464310
Ion Ratio Lower Upper
146 100
111 42.0 21.5 64.5
148 63.9 31.9 95.9



#89
n-Butylbenzene
Concen: 50.850 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077078.D
Acq: 20 Mar 2023 19:07

Tgt Ion: 91 Resp: 859604
Ion Ratio Lower Upper
91 100
92 53.6 26.5 79.5
134 24.2 11.7 35.1





#90

Hexachloroethane

Concen: 46.501 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

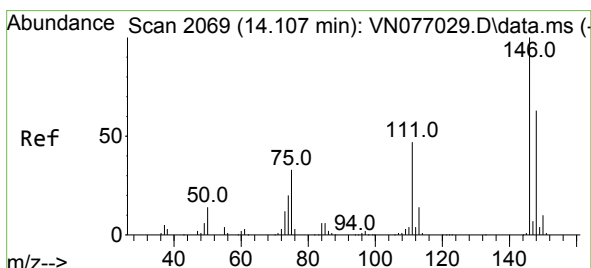
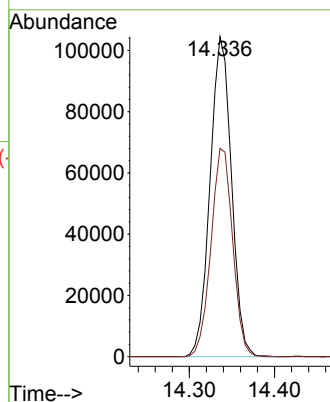
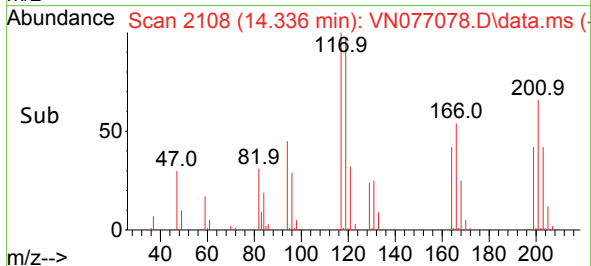
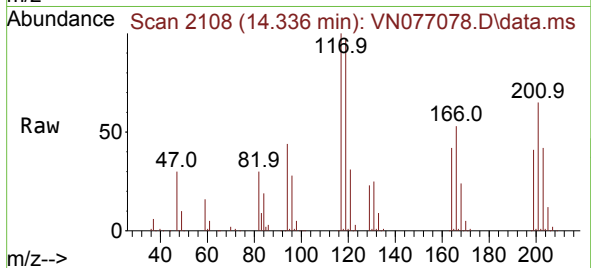
TT180D1-20230313MS

Tgt Ion:117 Resp: 182180

Ion Ratio Lower Upper

117 100

201 65.9 32.5 97.4



#91

1,2-Dichlorobenzene

Concen: 46.065 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

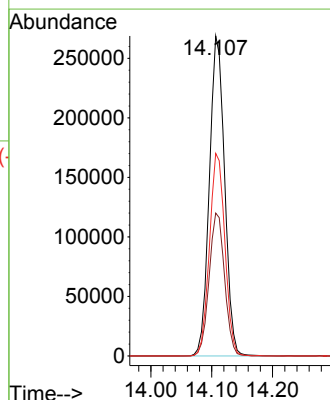
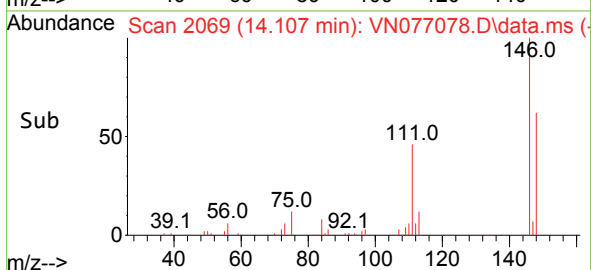
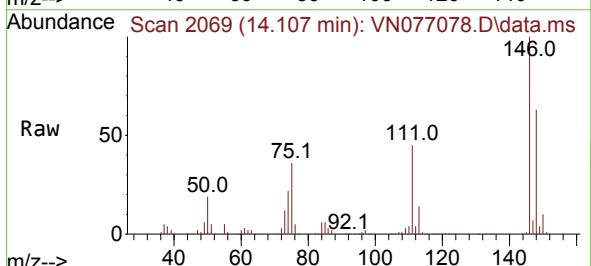
Tgt Ion:146 Resp: 467804

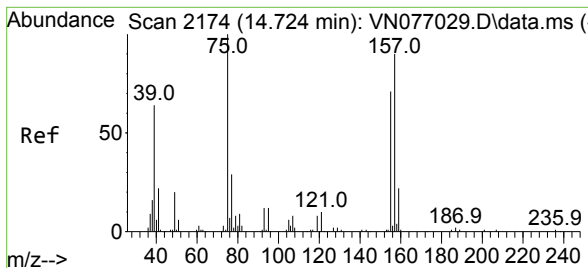
Ion Ratio Lower Upper

146 100

111 45.3 22.6 67.7

148 64.0 31.6 95.0

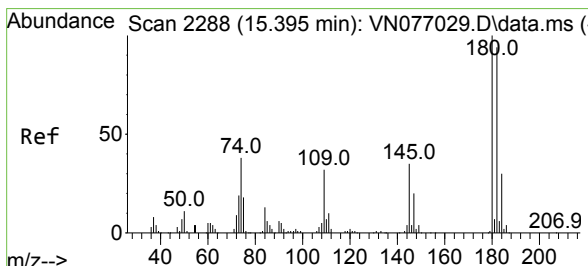
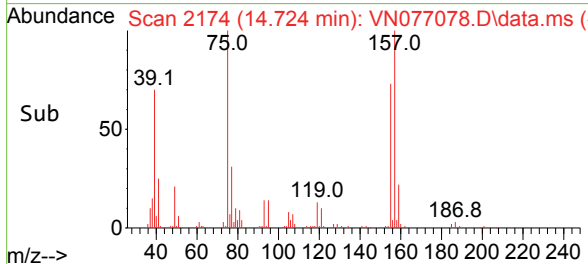
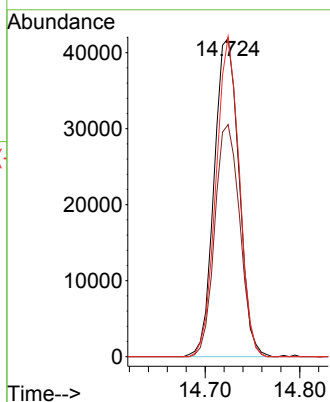
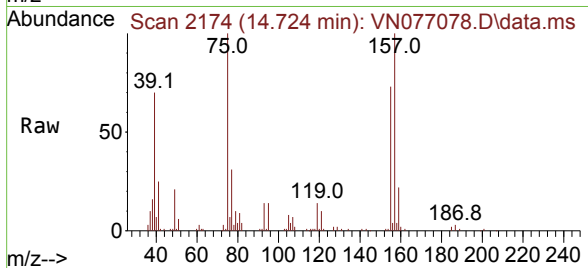




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.137 ug/l
 RT: 14.724 min Scan# 2174
 Delta R.T. 0.000 min
 Lab File: VN077078.D
 Acq: 20 Mar 2023 19:07

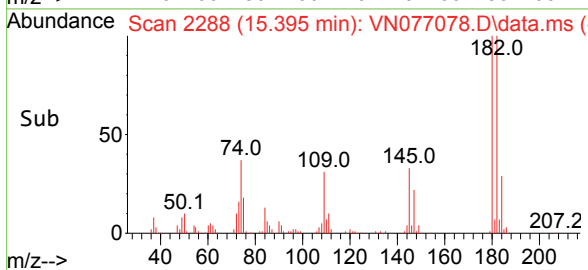
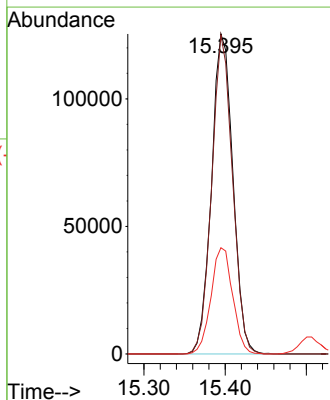
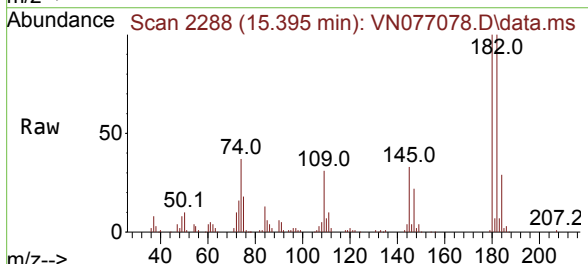
Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313MS

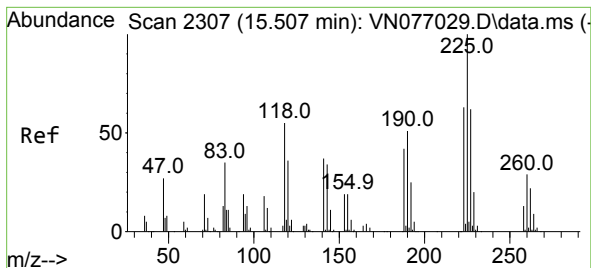
Tgt Ion: 75 Resp: 76147
 Ion Ratio Lower Upper
 75 100
 155 73.6 36.1 108.3
 157 94.1 45.8 137.3



#93
 1,2,4-Trichlorobenzene
 Concen: 50.098 ug/l
 RT: 15.395 min Scan# 2288
 Delta R.T. -0.000 min
 Lab File: VN077078.D
 Acq: 20 Mar 2023 19:07

Tgt Ion: 180 Resp: 229989
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.3 141.9
 145 33.6 16.9 50.7





#94

Hexachlorobutadiene

Concen: 46.250 ug/l

RT: 15.501 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313MS

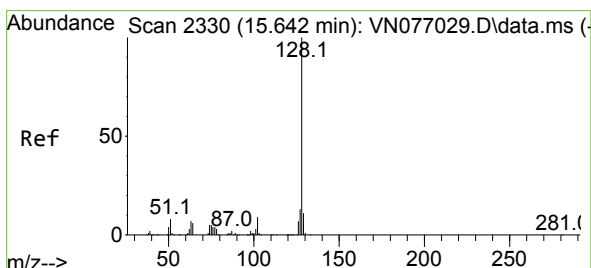
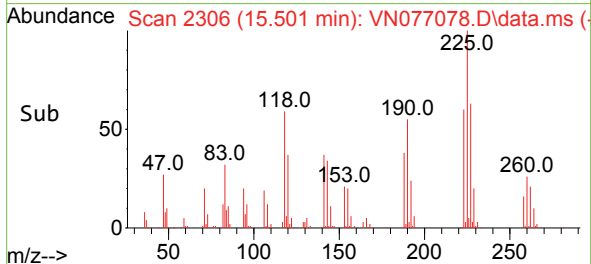
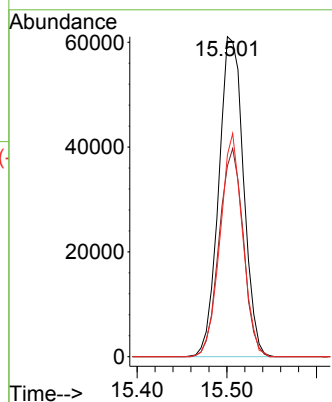
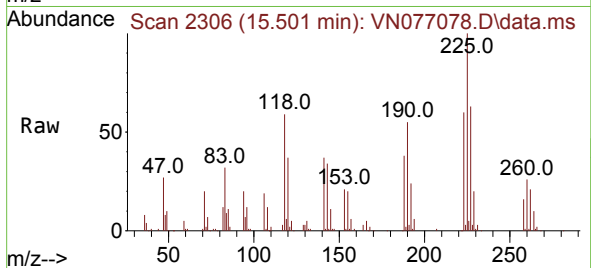
Tgt Ion:225 Resp: 116931

Ion Ratio Lower Upper

225 100

223 63.3 31.6 95.0

227 63.5 31.3 93.8



#95

Naphthalene

Concen: 44.923 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN077078.D

Acq: 20 Mar 2023 19:07

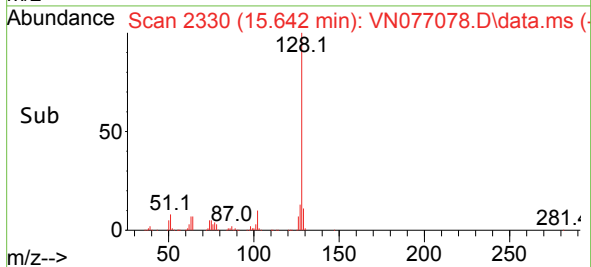
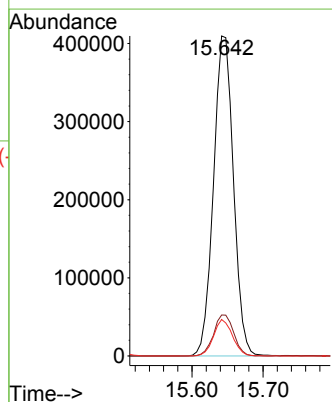
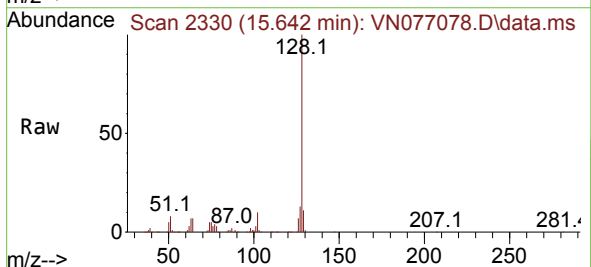
Tgt Ion:128 Resp: 797843

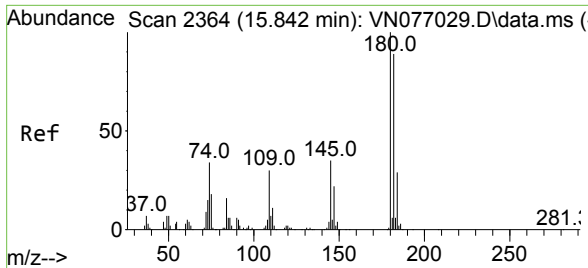
Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 48.350 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077078.D
 Acq: 20 Mar 2023 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313MS

Tgt Ion:180	Resp:	222722
Ion	Ratio	Lower Upper
180	100	
182	97.5	47.4 142.2
145	36.6	17.9 53.8

