

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077079.D
 Acq On : 20 Mar 2023 19:31
 Operator : JC\MD
 Sample : 01941-06MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313MSD

Quant Time: Mar 21 05:42:20 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	322250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	563613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	509651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	234750	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	243723	47.349	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.700%
35) Dibromofluoromethane	8.172	113	187299	47.453	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.900%
50) Toluene-d8	10.571	98	706914	50.138	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.280%
62) 4-Bromofluorobenzene	12.854	95	262531	52.694	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	136056	44.563	ug/l	99
3) Chloromethane	2.372	50	148829	45.838	ug/l	98
4) Vinyl Chloride	2.525	62	167925	47.915	ug/l	100
5) Bromomethane	2.948	94	130576	55.160	ug/l	96
6) Chloroethane	3.131	64	149852	67.574	ug/l	96
7) Trichlorofluoromethane	3.507	101	386898	51.317	ug/l	98
8) Diethyl Ether	3.972	74	154264	54.368	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.384	101	241485	56.465	ug/l	99
10) Methyl Iodide	4.601	142	265771	55.174	ug/l	97
11) Tert butyl alcohol	5.537	59	238259	317.652	ug/l	98
12) 1,1-Dichloroethene	4.360	96	219057	55.991	ug/l	97
13) Acrolein	4.195	56	248055	267.381	ug/l	99
14) Allyl chloride	5.037	41	409872	57.226	ug/l	95
15) Acrylonitrile	5.731	53	708547	280.996	ug/l	99
16) Acetone	4.437	43	560570	244.411	ug/l	100
17) Carbon Disulfide	4.725	76	559156	49.014	ug/l	100
18) Methyl Acetate	5.037	43	452942	52.371	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	777640	55.382	ug/l	99
20) Methylene Chloride	5.295	84	250338	50.292	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	222625	52.499	ug/l	94
22) Diisopropyl ether	6.684	45	850876	54.221	ug/l	98
23) Vinyl Acetate	6.613	43	2640153	266.610	ug/l	99
24) 1,1-Dichloroethane	6.583	63	471215	52.475	ug/l	100
25) 2-Butanone	7.489	43	926185	276.049	ug/l	100
26) 2,2-Dichloropropane	7.495	77	343640	50.860	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	273618	56.338	ug/l	97
28) Bromochloromethane	7.819	49	186617	47.854	ug/l	99
29) Tetrahydrofuran	7.848	42	626489	288.153	ug/l	99
30) Chloroform	7.972	83	473701	54.350	ug/l	97
31) Cyclohexane	8.266	56	418531	49.696	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	403908	54.221	ug/l	97
36) 1,1-Dichloropropene	8.377	75	339013	54.990	ug/l	98
37) Ethyl Acetate	7.566	43	363441	55.099	ug/l	100
38) Carbon Tetrachloride	8.372	117	341326	56.841	ug/l	99
39) Methylcyclohexane	9.607	83	420255	58.239	ug/l	99
40) Benzene	8.613	78	1030518	55.117	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	210810	59.326	ug/l	97
42) 1,2-Dichloroethane	8.677	62	365864	54.152	ug/l	98
43) Isopropyl Acetate	8.695	43	585497	56.822	ug/l	98
44) Trichloroethene	9.354	130	1254991	292.225	ug/l	97
45) 1,2-Dichloropropane	9.624	63	277273	55.837	ug/l	98
46) Dibromomethane	9.713	93	172958	55.227	ug/l	99
47) Bromodichloromethane	9.889	83	359357	54.710	ug/l	99
48) Methyl methacrylate	9.683	41	296947	60.281	ug/l	99
49) 1,4-Dioxane	9.701	88	105937	1259.111	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	1887687	294.187	ug/l	98
52) Toluene	10.636	92	637993	57.150	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	382505	59.417	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	412924	56.849	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	255858	58.122	ug/l	97
56) Ethyl methacrylate	10.877	69	410579	62.026	ug/l	98
57) 1,3-Dichloropropane	11.166	76	444973	55.211	ug/l	99
59) 2-Hexanone	11.201	43	1395877	299.927	ug/l	100
60) Dibromochloromethane	11.366	129	258236	58.399	ug/l	99
61) 1,2-Dibromoethane	11.471	107	252797	57.910	ug/l	99
64) Tetrachloroethene	11.107	164	182214	53.272	ug/l	95
65) Chlorobenzene	11.895	112	642978	54.832	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	238050	54.862	ug/l	99
67) Ethyl Benzene	11.966	91	1236335	58.044	ug/l	99
68) m/p-Xylenes	12.071	106	920119	116.480	ug/l	100
69) o-Xylene	12.401	106	457549	58.294	ug/l	100
70) Styrene	12.413	104	748639	61.264	ug/l	100
71) Bromoform	12.583	173	176407	59.998	ug/l #	100
73) Isopropylbenzene	12.701	105	1194157	56.763	ug/l	100
74) N-amyl acetate	12.495	43	506874	55.665	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	389003	51.039	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	491007	80.862	ug/l	44
77) Bromobenzene	12.983	156	257243	54.585	ug/l	96
78) n-propylbenzene	13.042	91	1410832	58.093	ug/l	100
79) 2-Chlorotoluene	13.130	91	857090	55.386	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	1030033	58.643	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	122142	55.368	ug/l	98
82) 4-Chlorotoluene	13.224	91	834983	56.743	ug/l	99
83) tert-Butylbenzene	13.442	119	846864	57.425	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1025861	58.527	ug/l	99
85) sec-Butylbenzene	13.618	105	1234907	58.867	ug/l	99
86) p-Isopropyltoluene	13.730	119	1000138	59.368	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	477201	53.577	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	467704	52.778	ug/l	100
89) n-Butylbenzene	14.059	91	872389	59.029	ug/l	100
90) Hexachloroethane	14.336	117	184511	53.870	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	474987	53.500	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	79177	56.063	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	240978	60.042	ug/l	100
94) Hexachlorobutadiene	15.506	225	115714	52.352	ug/l	98
95) Naphthalene	15.648	128	840318	53.729	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	240120	59.625	ug/l	99

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

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

Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

TIC: VN077079.D\data.ms

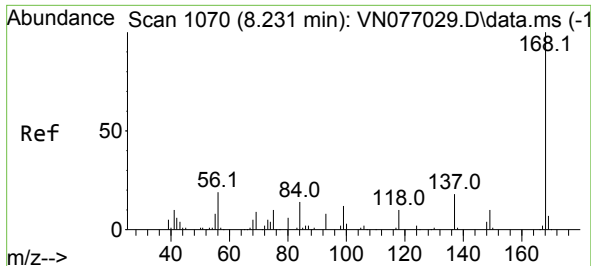
Abundance

Time-->

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3200000
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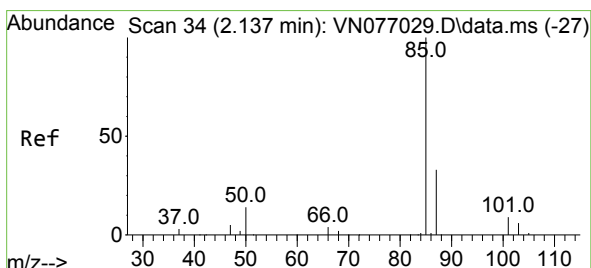
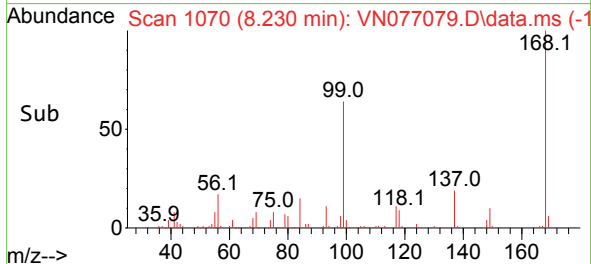
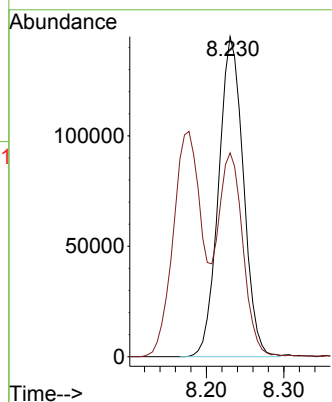
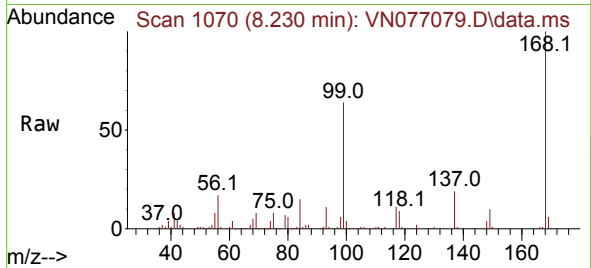
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Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Acetone, T
Methyl Iodide, T
Carbon Disulfide, T
Methyl acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
Vinyl 2,2-Dimethylpropane, T
1,1-Dichloroethane, P
Diisopropyl ether, T
Vinyl Acetate, T
2,2,3,3-Tetrachlorobutane, T
Ethyl Acetate, T
Methacrylonitrile, T
Chloromethane, C
Pentamethylsilane, T
1,2-Dichloroethane, S
1,2-Dichloroethane, T
1,2-Dichloroethane, S
1,4-Difluorobenzene, I
1,4-Difluorobenzene, T
Bromochloromethane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
Toluene, d8, S
Toluene, C, M
1,3-Dichloropropane, T
1,2-Dichloropropane, T
1,3-Dichloropropane, T
1,2-Dibromomethane, T
1,2-Dibromomethane, T
Chlorobenzene, S, PM
1,1,4,2-Tetrachlorobenzene, C, M
p-Xylenes, T
o-Xylene, T
N-ethyl acetate, T
Bromofom, P
trans-1,4-Dimethylcyclohexane, T
4-Pentylchlorobenzene, T
1,2-Dichlorobenzene, T
2,3-Trichlorobenzene, T
1,3,5-Trichlorobenzene, T
4-Chlorotoluene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,2,4-Trichlorobenzene, T
p-Isopropyltoluene, T
1,2-Dimethylbenzene, T
1,4-Dimethylbenzene, T
1,2-Dimethylbenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorobutadiene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
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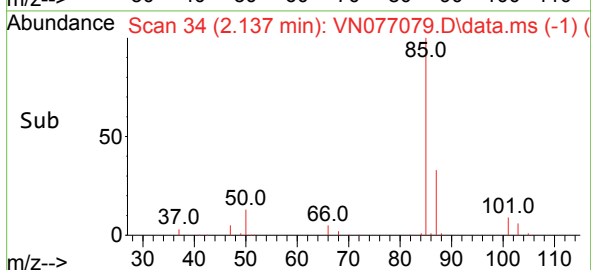
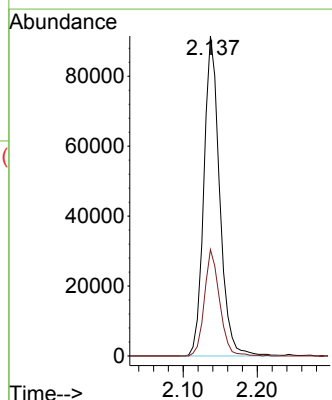
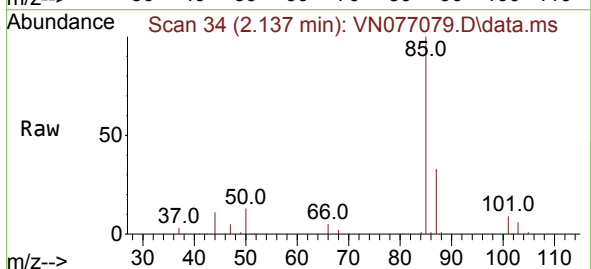
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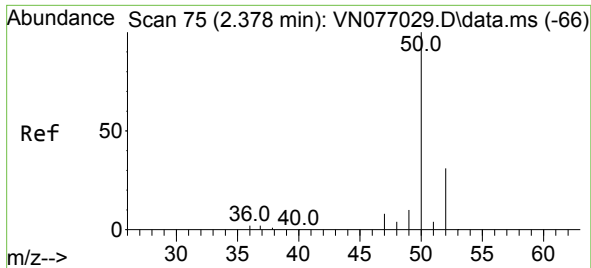
Tgt Ion:168 Resp: 322250
Ion Ratio Lower Upper
168 100
99 63.2 53.9 80.9



#2
Dichlorodifluoromethane
Concen: 44.563 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 85 Resp: 136056
Ion Ratio Lower Upper
85 100
87 33.2 16.4 49.2

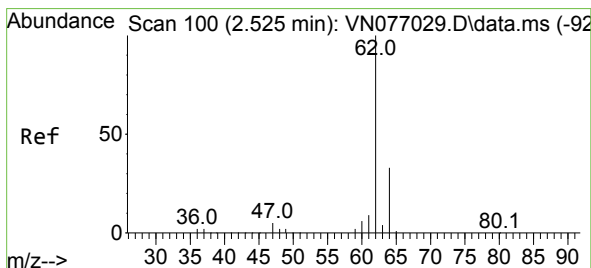
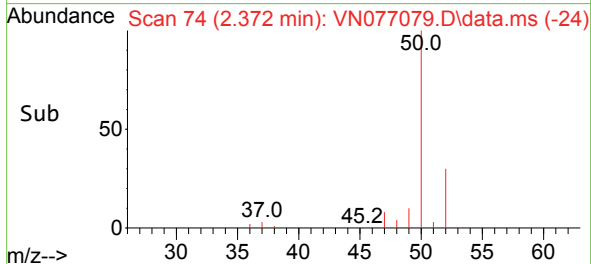
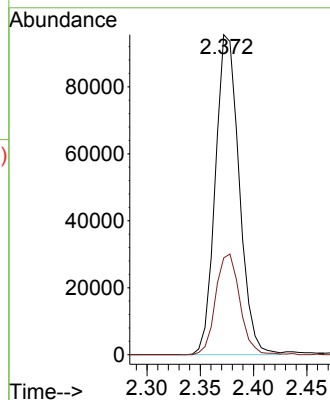
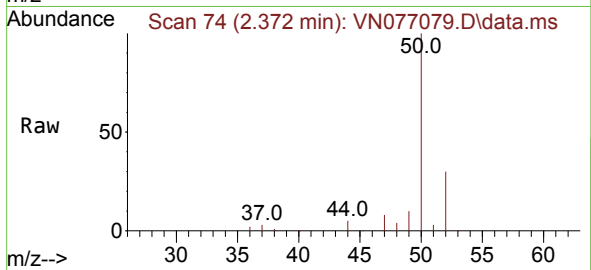




#3
Chloromethane
Concen: 45.838 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

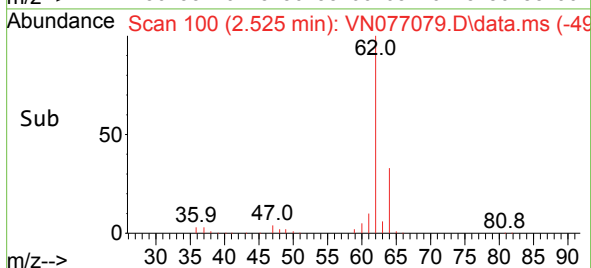
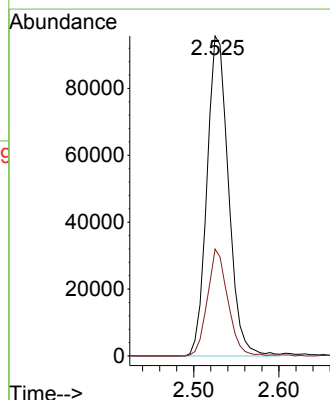
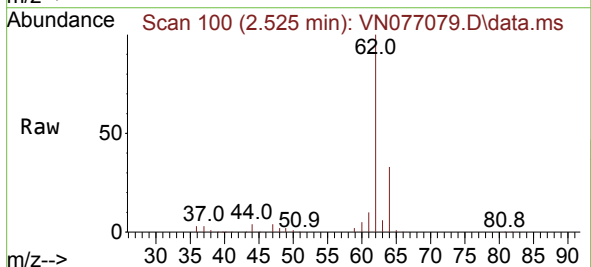
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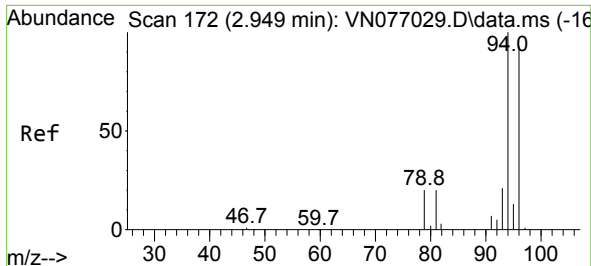
Tgt Ion: 50 Resp: 148829
Ion Ratio Lower Upper
50 100
52 30.3 25.1 37.7



#4
Vinyl Chloride
Concen: 47.915 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 62 Resp: 167925
Ion Ratio Lower Upper
62 100
64 33.4 26.6 40.0

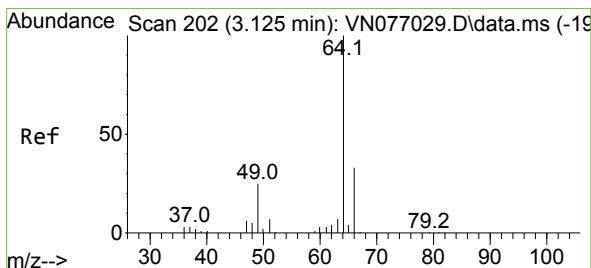
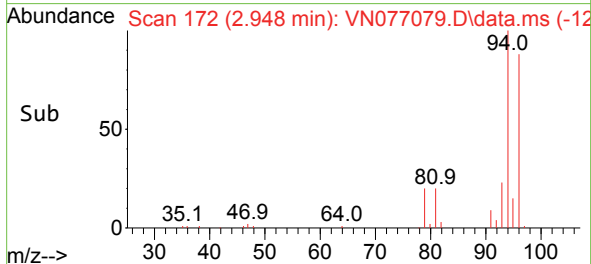
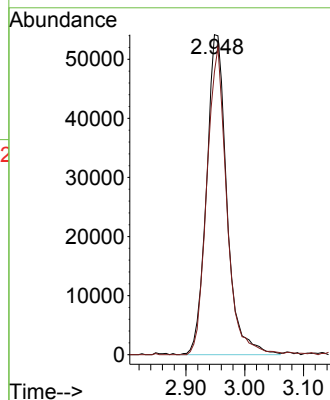
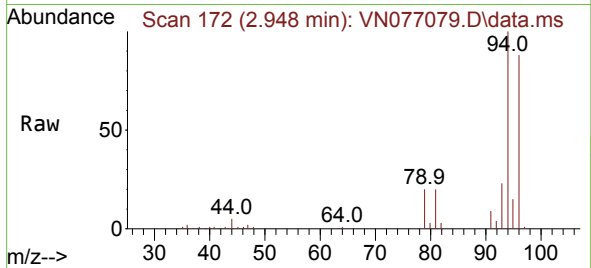




#5
Bromomethane
Concen: 55.160 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

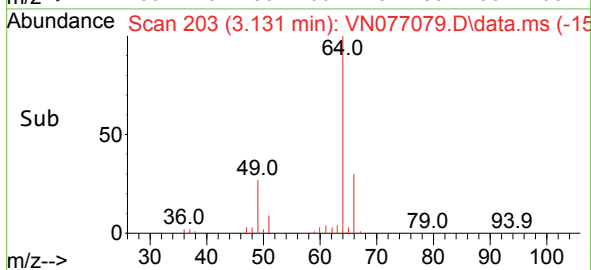
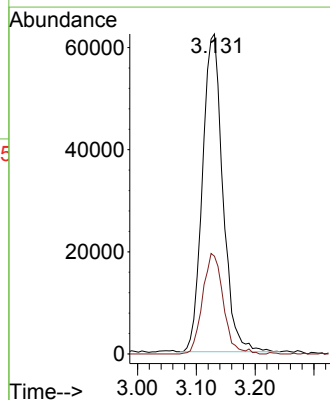
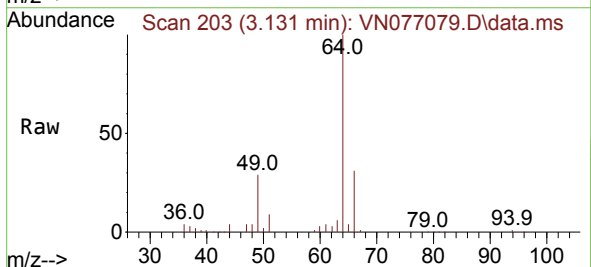
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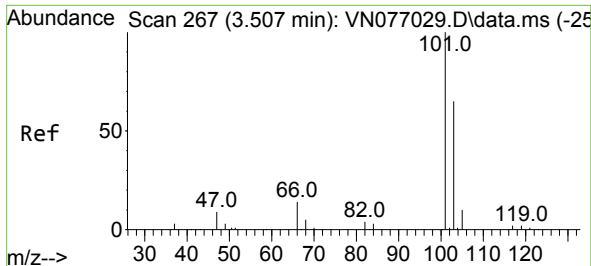
Tgt Ion: 94 Resp: 130576
Ion Ratio Lower Upper
94 100
96 88.4 74.1 111.1



#6
Chloroethane
Concen: 67.574 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 64 Resp: 149852
Ion Ratio Lower Upper
64 100
66 30.8 26.3 39.5

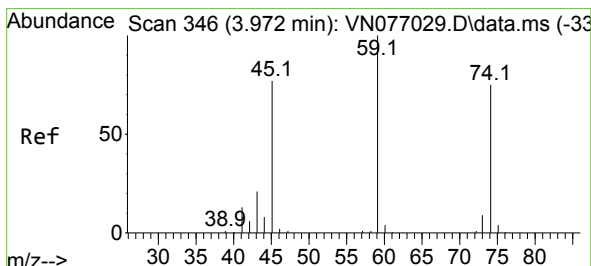
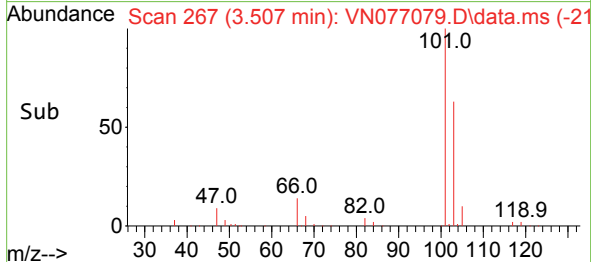
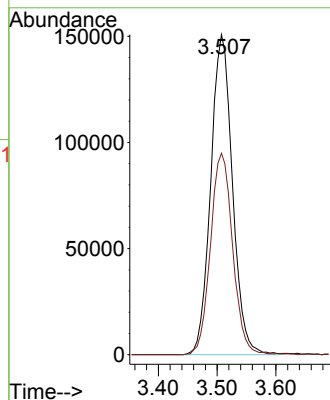
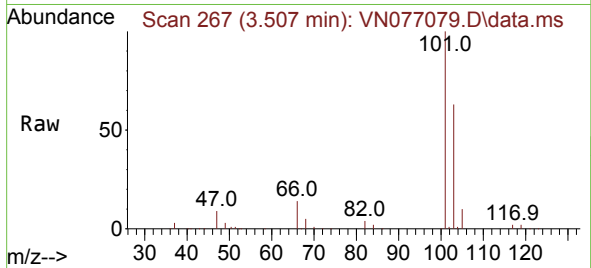




#7
Trichlorofluoromethane
Concen: 51.317 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

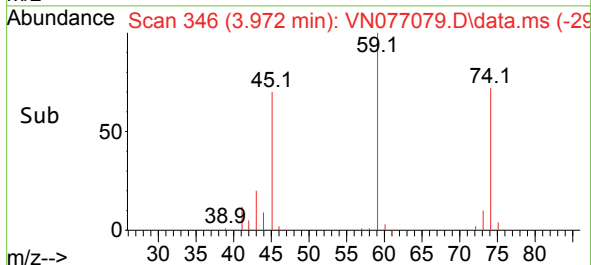
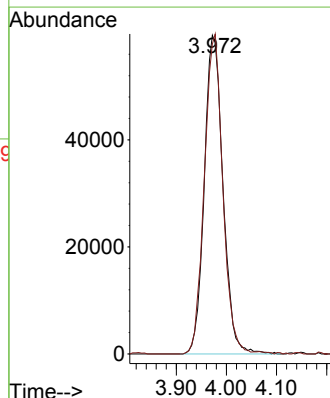
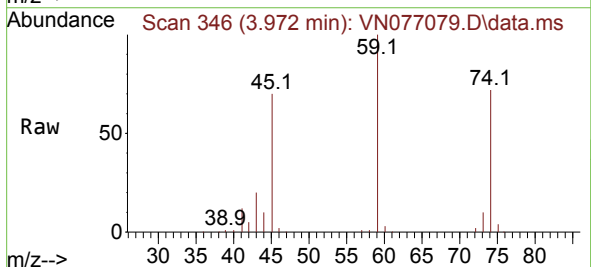
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

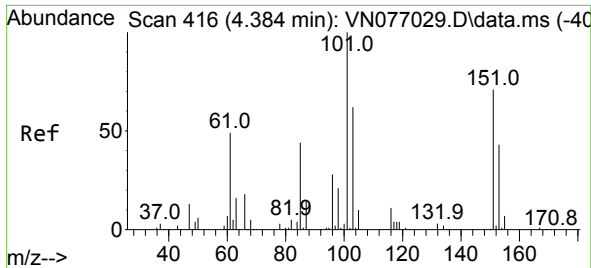
Tgt Ion:101 Resp: 386898
Ion Ratio Lower Upper
101 100
103 62.9 51.8 77.6



#8
Diethyl Ether
Concen: 54.368 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 74 Resp: 154264
Ion Ratio Lower Upper
74 100
45 99.1 50.8 152.5

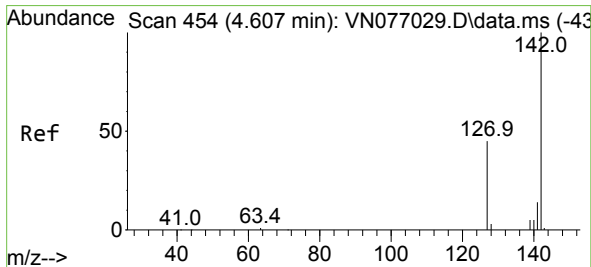
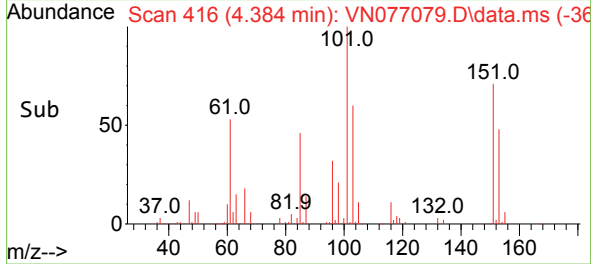
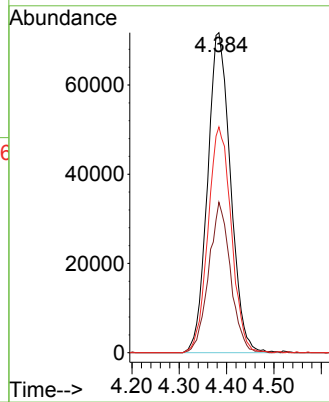
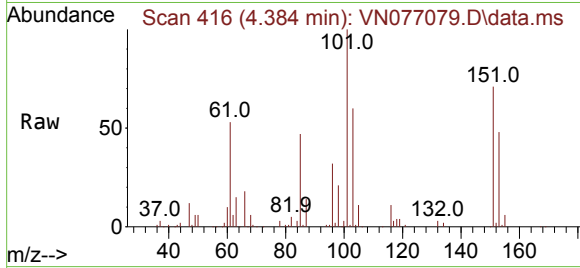




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.465 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

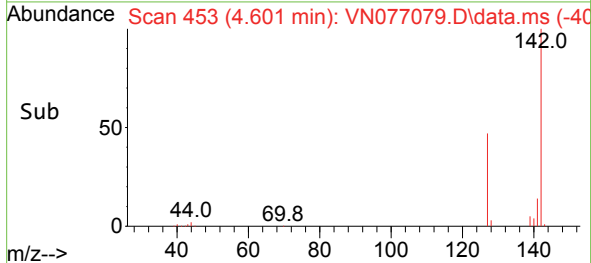
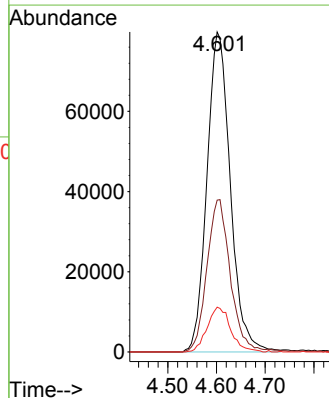
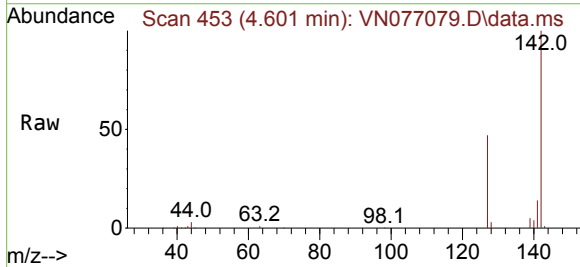
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

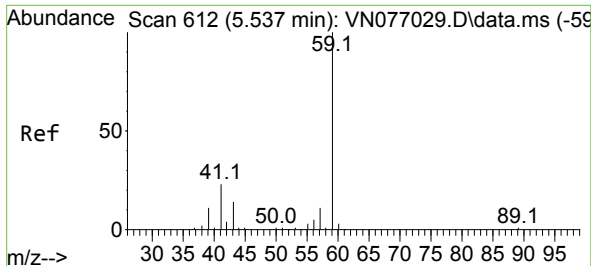
Tgt Ion:101 Resp: 241485
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 71.5 56.9 85.3



#10
Methyl Iodide
Concen: 55.174 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion:142 Resp: 265771
Ion Ratio Lower Upper
142 100
127 47.5 36.1 54.1
141 14.0 10.8 16.2

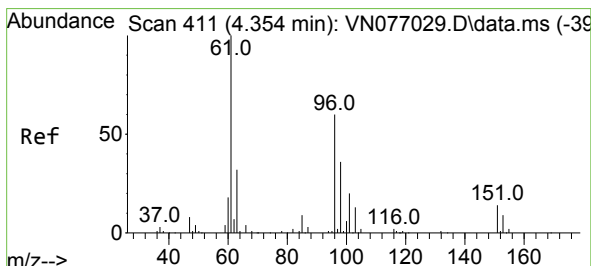
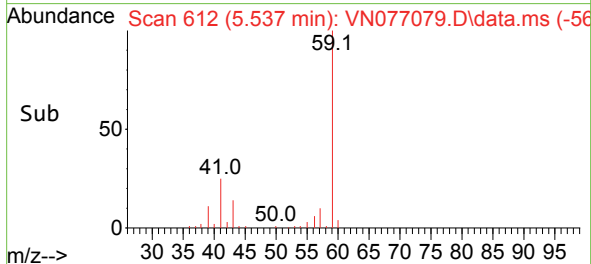
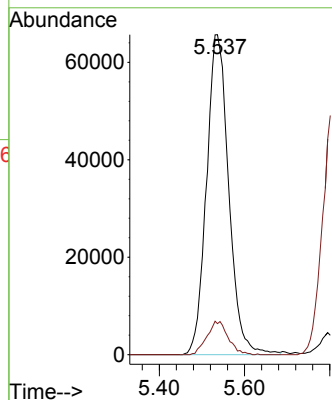
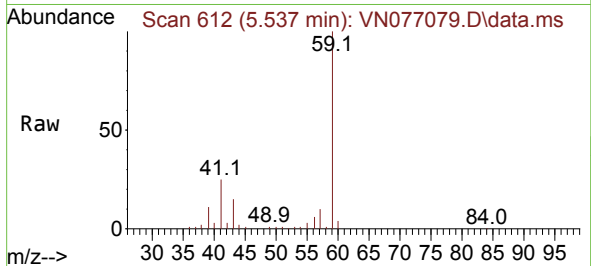




#11
Tert butyl alcohol
Concen: 317.652 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

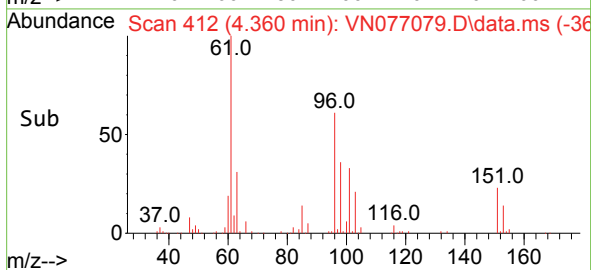
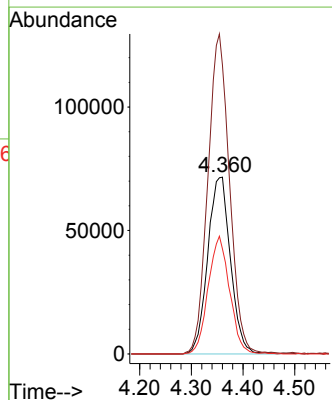
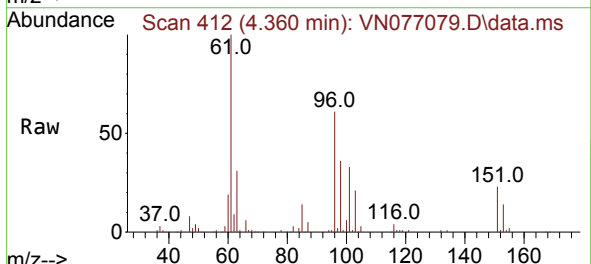
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

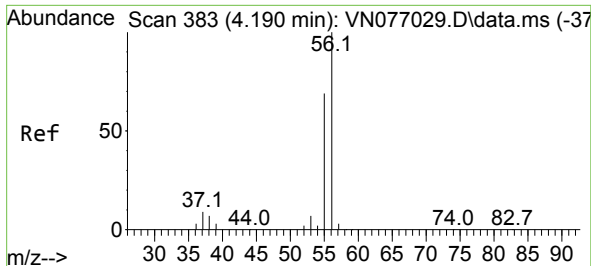
Tgt Ion: 59 Resp: 238259
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 55.991 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 96 Resp: 219057
Ion Ratio Lower Upper
96 100
61 163.4 133.8 200.8
98 59.4 48.6 72.8

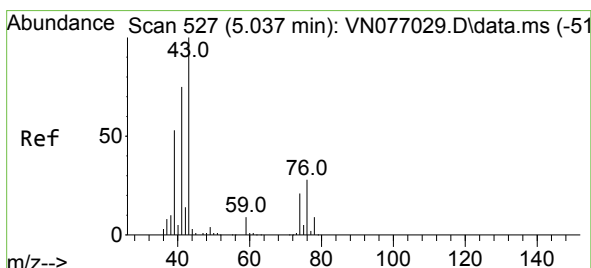
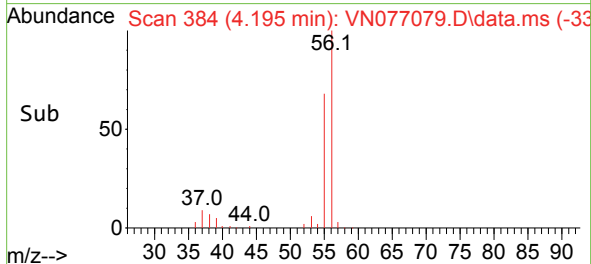
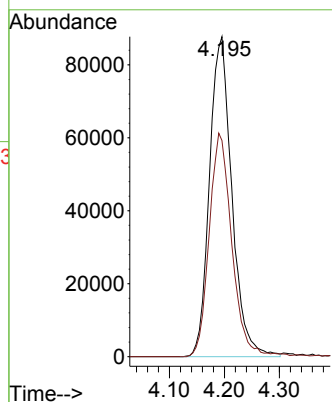
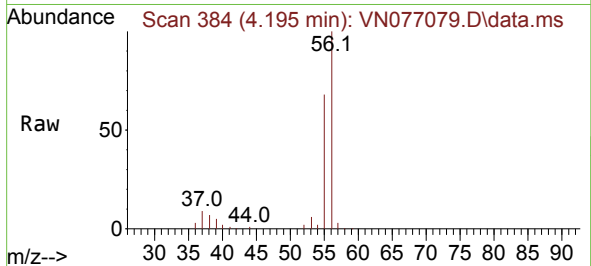




#13
Acrolein
Concen: 267.381 ug/l
RT: 4.195 min Scan# 383
Delta R.T. 0.005 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

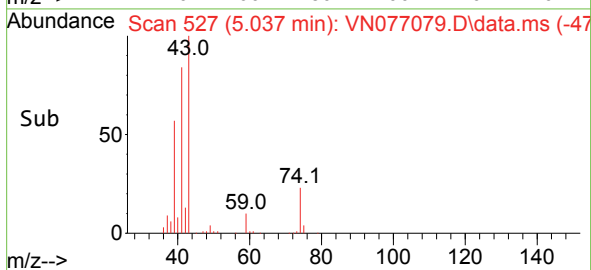
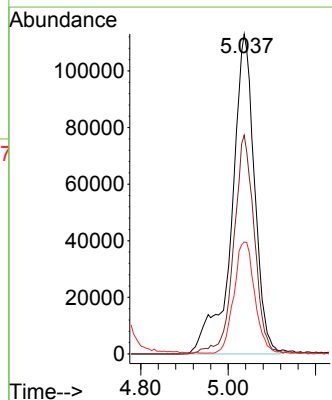
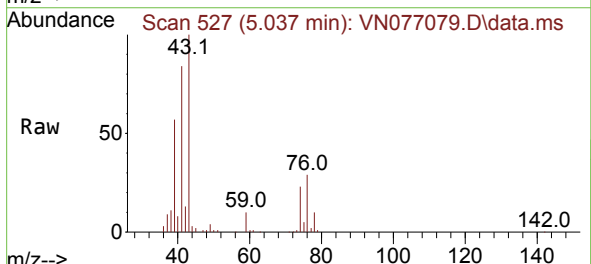
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

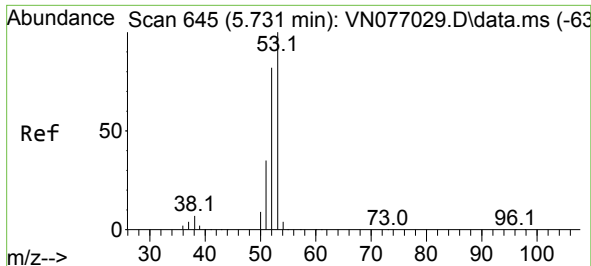
Tgt Ion: 56 Resp: 248055
Ion Ratio Lower Upper
56 100
55 70.7 57.0 85.6



#14
Allyl chloride
Concen: 57.226 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 41 Resp: 409872
Ion Ratio Lower Upper
41 100
39 61.8 53.8 80.8
76 32.0 26.7 40.1

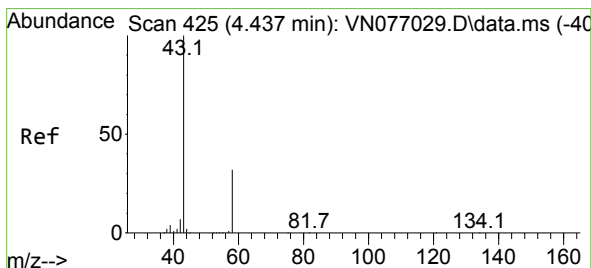
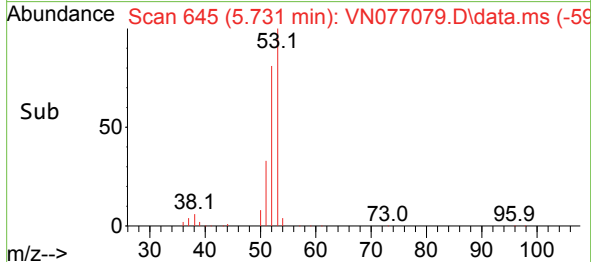
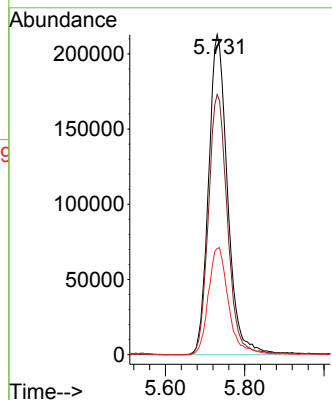
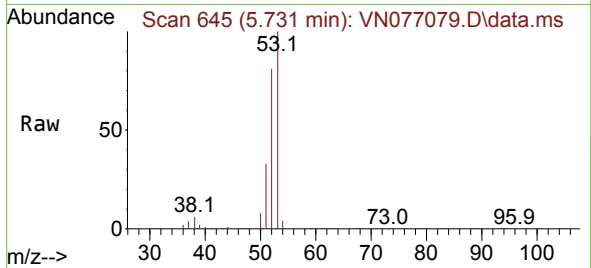




#15
Acrylonitrile
Concen: 280.996 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

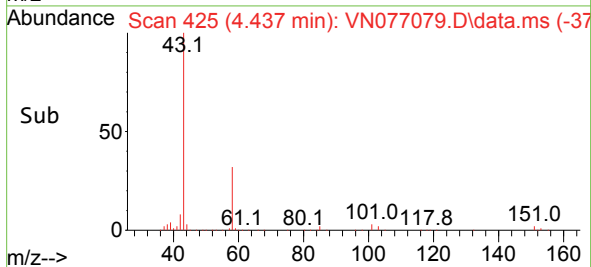
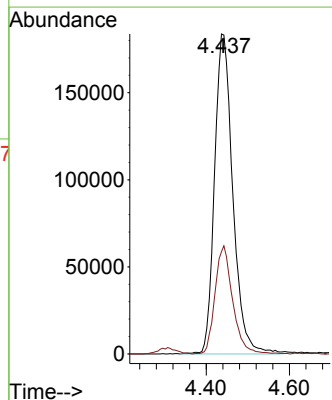
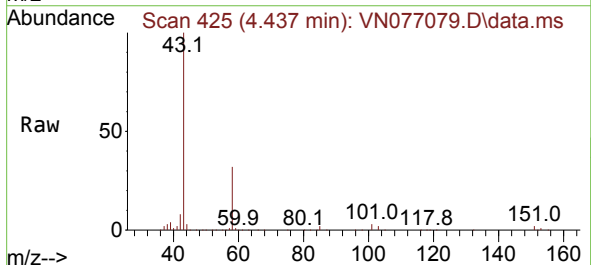
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

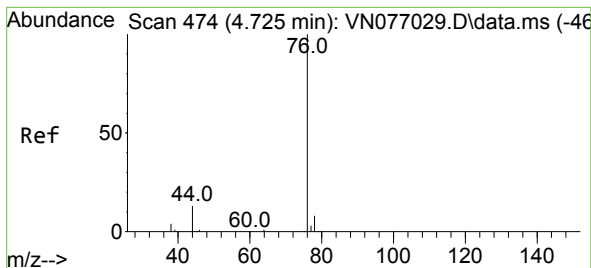
Tgt Ion: 53 Resp: 708547
Ion Ratio Lower Upper
53 100
52 81.7 64.6 97.0
51 35.3 28.3 42.5



#16
Acetone
Concen: 244.411 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 43 Resp: 560570
Ion Ratio Lower Upper
43 100
58 31.7 25.4 38.0





#17

Carbon Disulfide

Concen: 49.014 ug/l

RT: 4.725 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

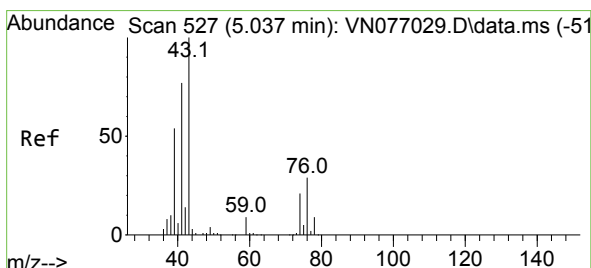
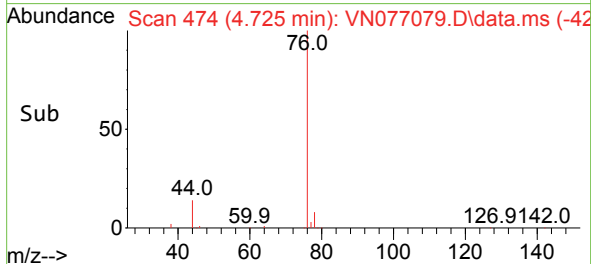
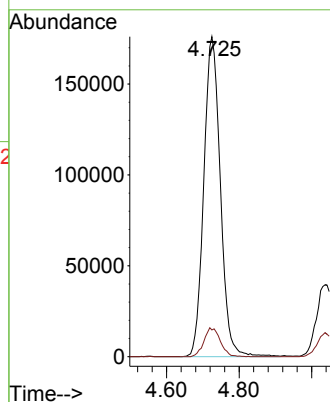
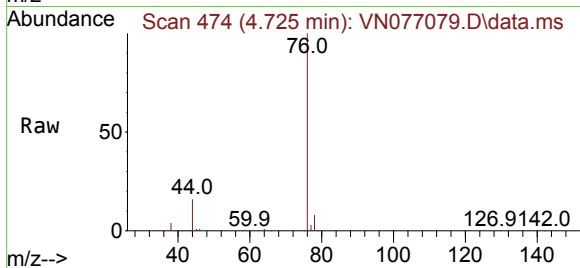
TT180D1-20230313MSD

Tgt Ion: 76 Resp: 559156

Ion Ratio Lower Upper

76 100

78 8.3 6.6 10.0



#18

Methyl Acetate

Concen: 52.371 ug/l

RT: 5.037 min Scan# 527

Delta R.T. -0.000 min

Lab File: VN077079.D

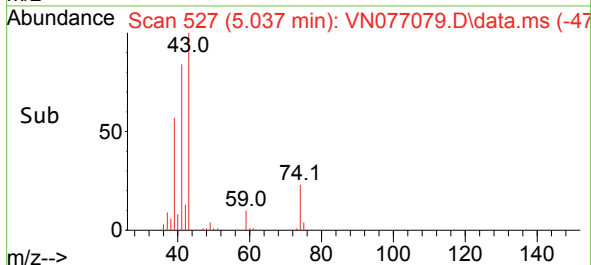
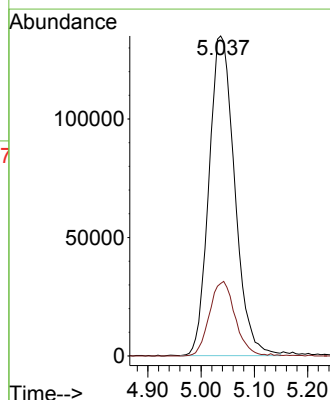
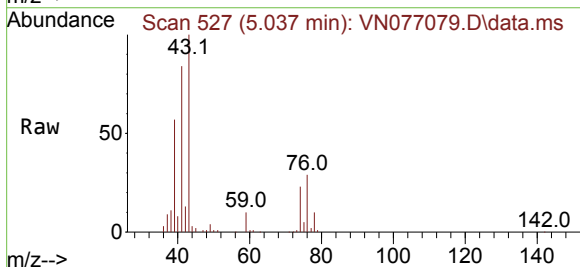
Acq: 20 Mar 2023 19:31

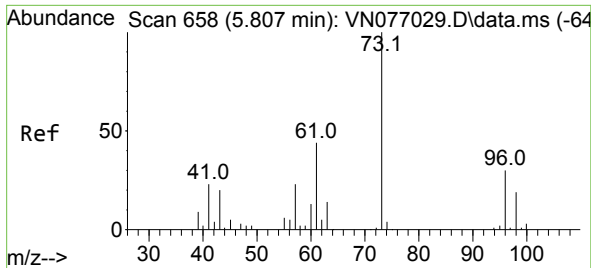
Tgt Ion: 43 Resp: 452942

Ion Ratio Lower Upper

43 100

74 23.2 17.7 26.5

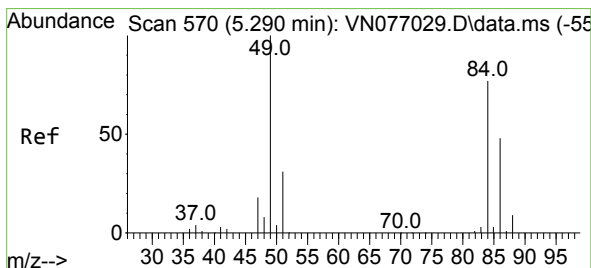
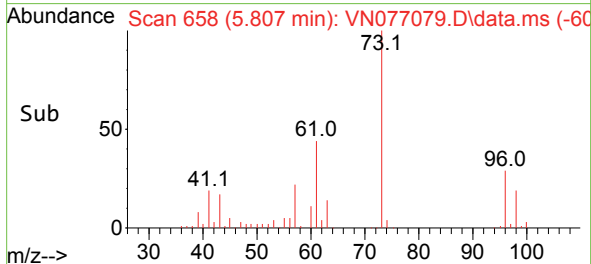
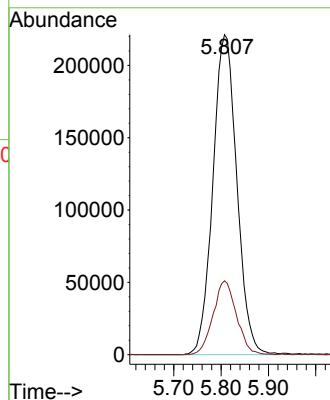
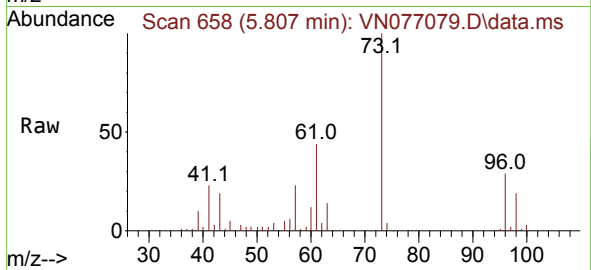




#19
Methyl tert-butyl Ether
Concen: 55.382 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

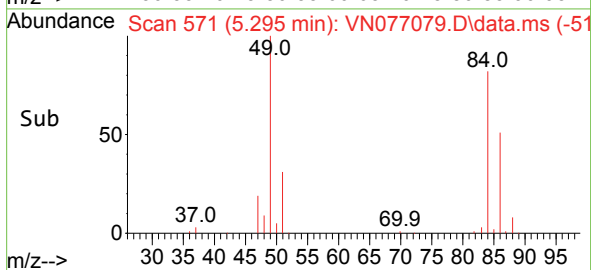
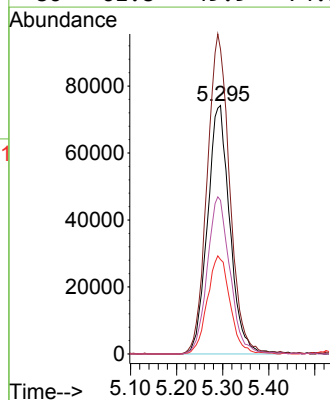
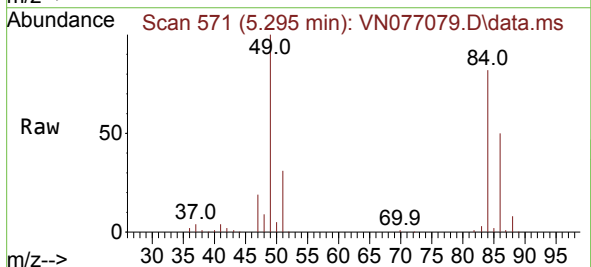
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

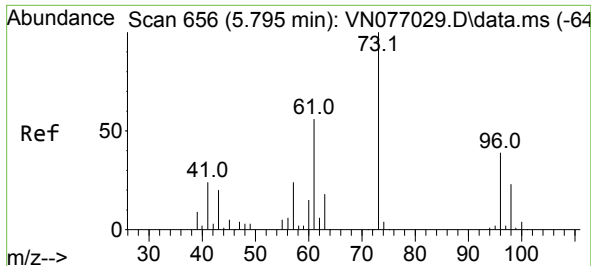
Tgt Ion: 73 Resp: 777640
Ion Ratio Lower Upper
73 100
57 23.1 18.7 28.1



#20
Methylene Chloride
Concen: 50.292 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 84 Resp: 250338
Ion Ratio Lower Upper
84 100
49 122.6 103.8 155.6
51 38.0 32.3 48.5
86 61.8 49.9 74.9

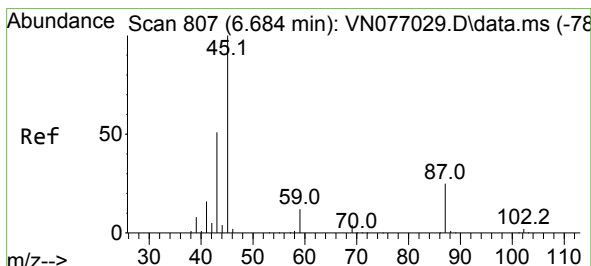
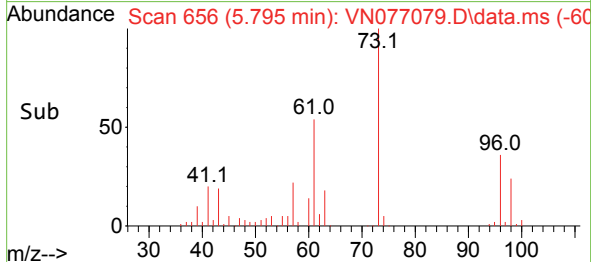
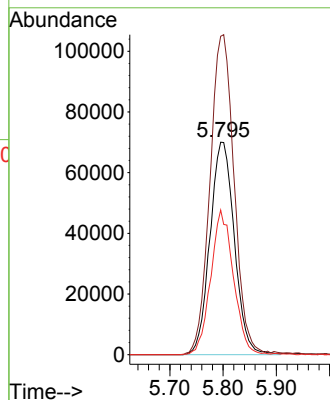
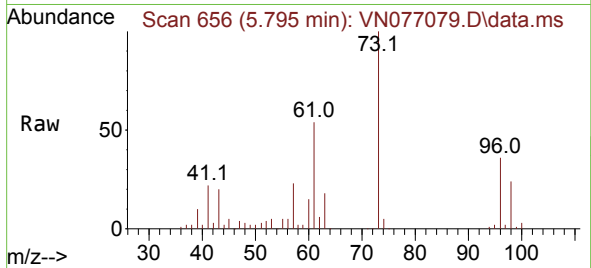




#21
trans-1,2-Dichloroethene
Concen: 52.499 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

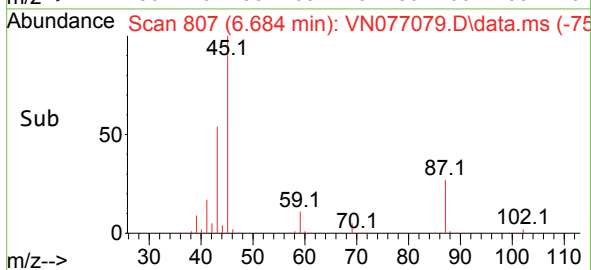
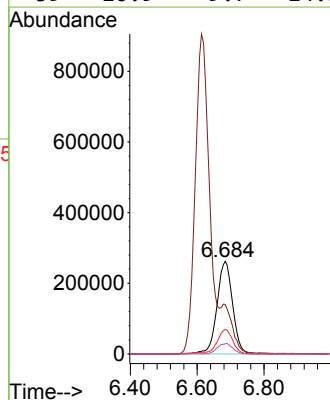
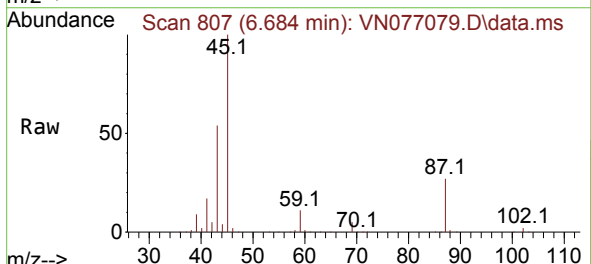
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

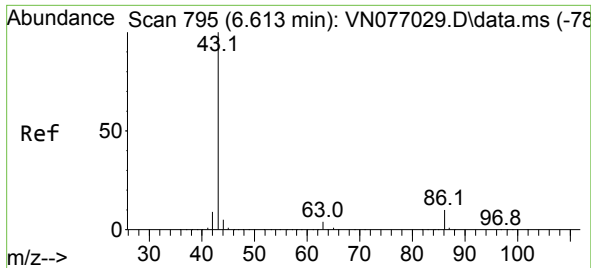
Tgt Ion: 96 Resp: 222625
Ion Ratio Lower Upper
96 100
61 149.8 115.8 173.6
98 68.1 48.2 72.2



#22
Diisopropyl ether
Concen: 54.221 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 45 Resp: 850876
Ion Ratio Lower Upper
45 100
43 53.2 41.5 62.3
87 26.6 20.6 30.8
59 10.9 9.7 14.5

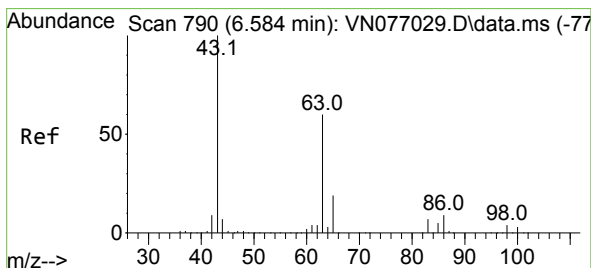
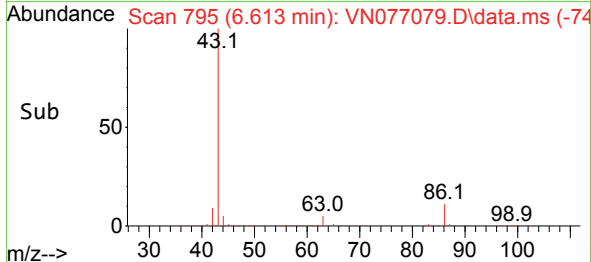
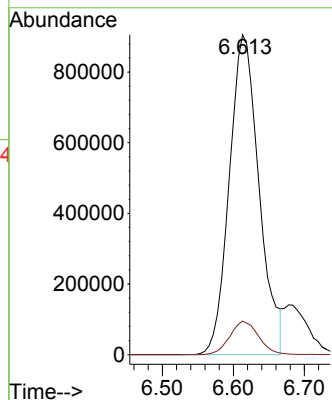
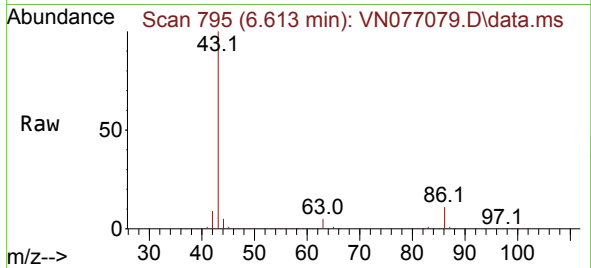




#23
 Vinyl Acetate
 Concen: 266.610 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077079.D
 Acq: 20 Mar 2023 19:31

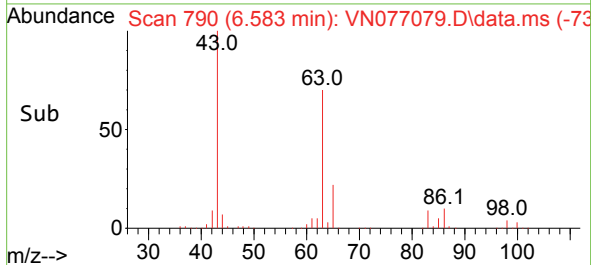
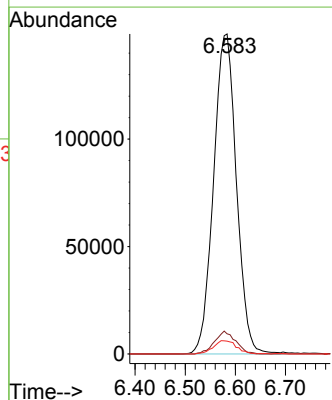
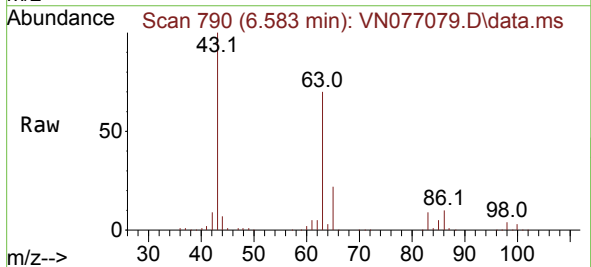
Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313MSD

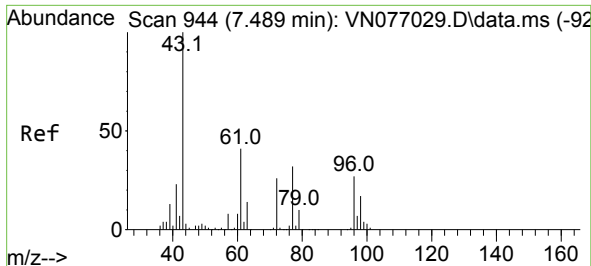
Tgt Ion: 43 Resp: 2640153
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 52.475 ug/l
 RT: 6.583 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN077079.D
 Acq: 20 Mar 2023 19:31

Tgt Ion: 63 Resp: 471215
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 4.0 2.1 6.3

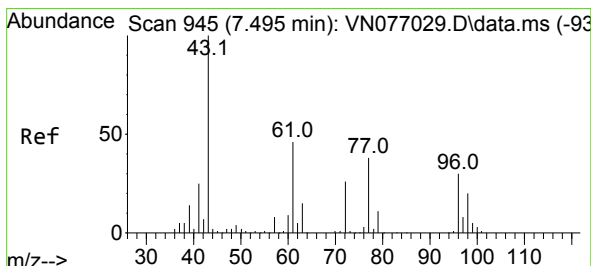
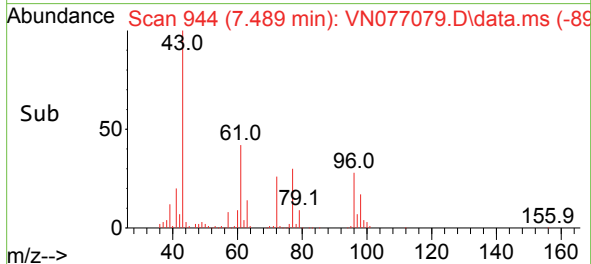
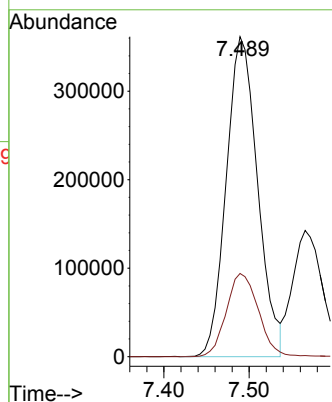
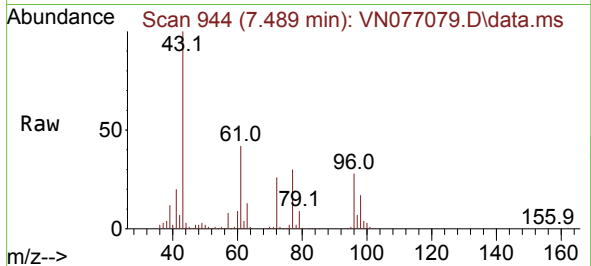




#25
2-Butanone
Concen: 276.049 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

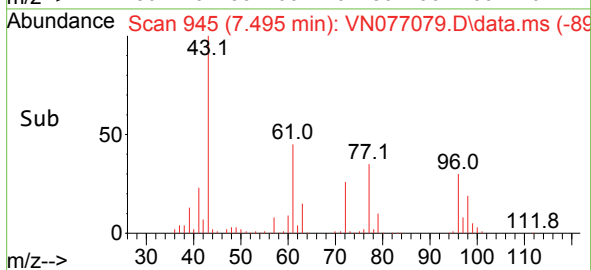
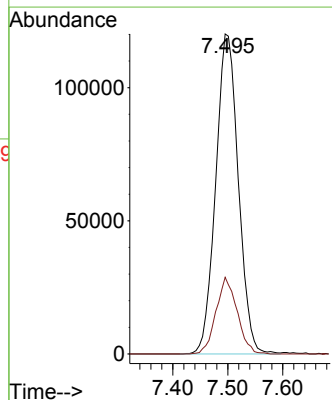
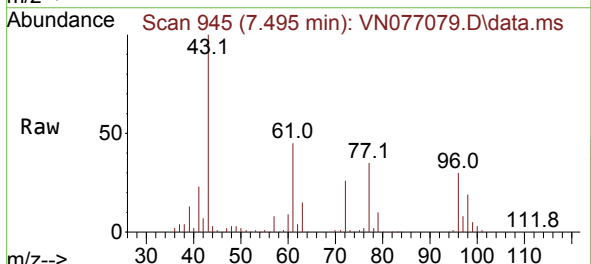
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

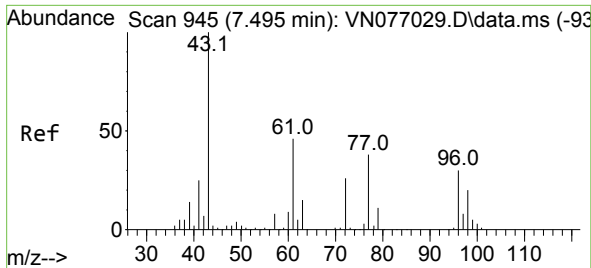
Tgt Ion: 43 Resp: 926185
Ion Ratio Lower Upper
43 100
72 26.0 20.7 31.1



#26
2,2-Dichloropropane
Concen: 50.860 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 77 Resp: 343640
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.9

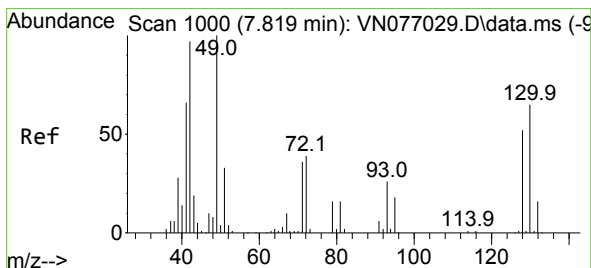
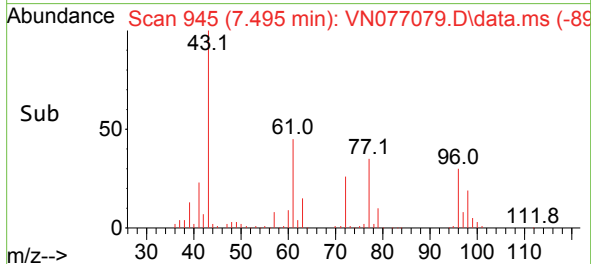
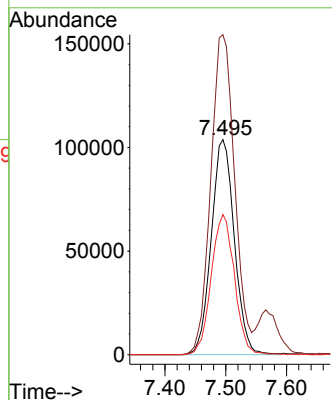
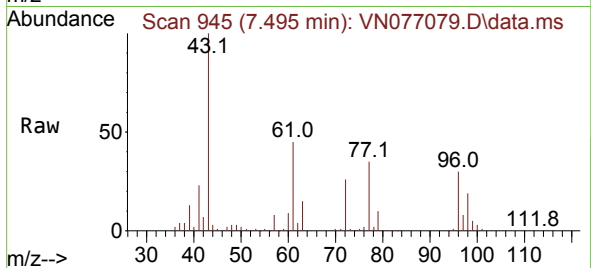




#27
 cis-1,2-Dichloroethene
 Concen: 56.338 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077079.D
 Acq: 20 Mar 2023 19:31

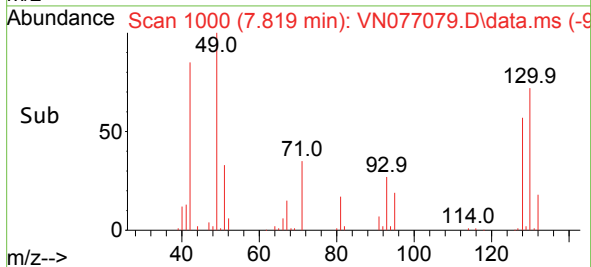
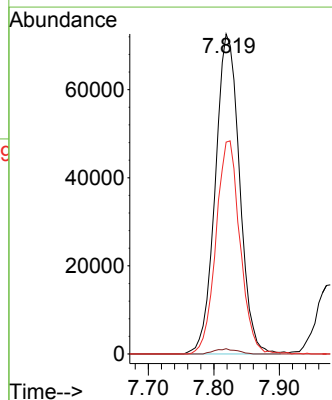
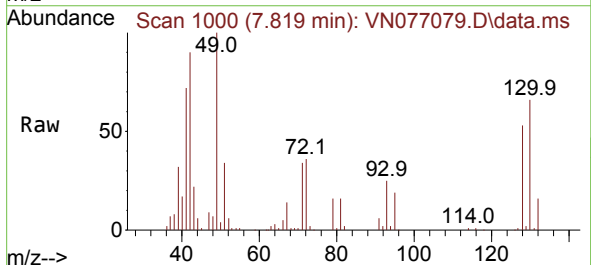
Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313MSD

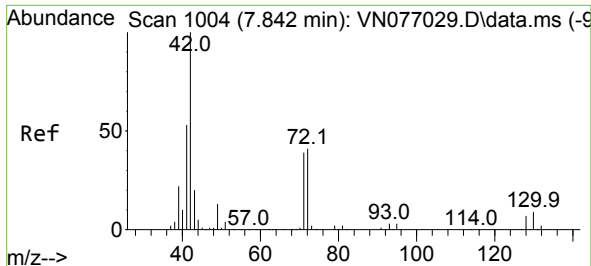
Tgt Ion: 96 Resp: 273618
 Ion Ratio Lower Upper
 96 100
 61 153.7 0.0 315.4
 98 65.5 0.0 128.6



#28
 Bromochloromethane
 Concen: 47.854 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077079.D
 Acq: 20 Mar 2023 19:31

Tgt Ion: 49 Resp: 186617
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.2
 130 66.1 51.9 77.9





#29

Tetrahydrofuran

Concen: 288.153 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN077079.D

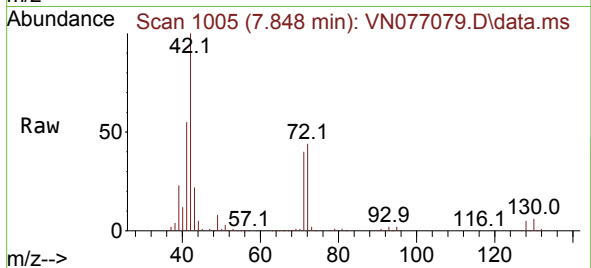
Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313MSD



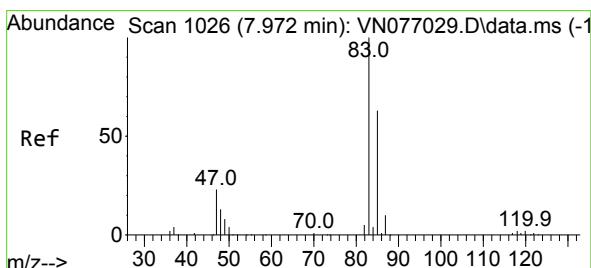
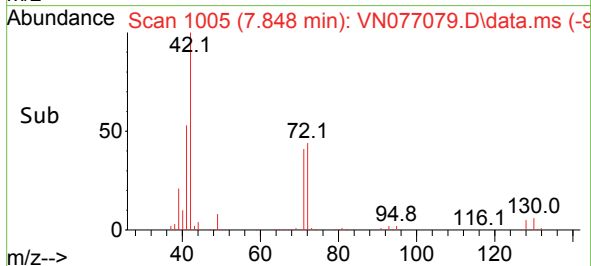
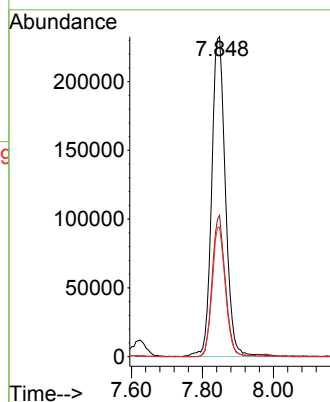
Tgt Ion: 42 Resp: 626489

Ion Ratio Lower Upper

42 100

72 42.1 33.2 49.8

71 38.9 31.0 46.4



#30

Chloroform

Concen: 54.350 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077079.D

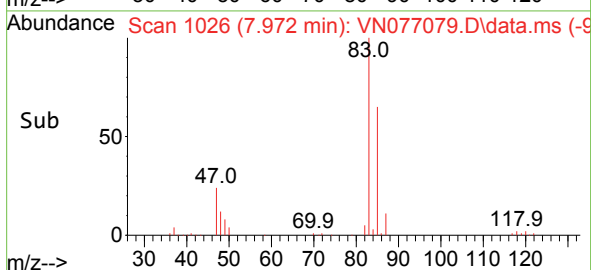
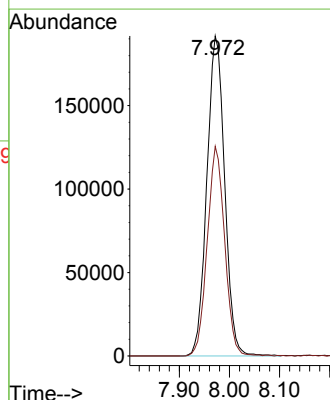
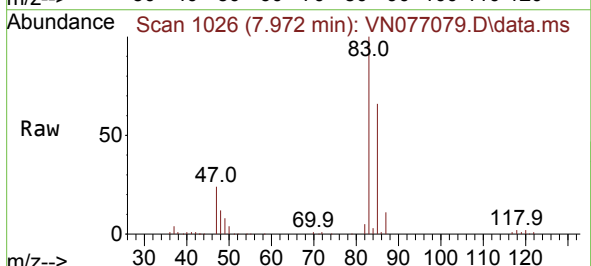
Acq: 20 Mar 2023 19:31

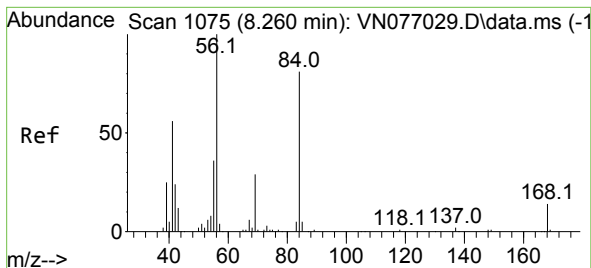
Tgt Ion: 83 Resp: 473701

Ion Ratio Lower Upper

83 100

85 65.5 50.6 75.8





#31

Cyclohexane

Concen: 49.696 ug/l

RT: 8.266 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN077079.D

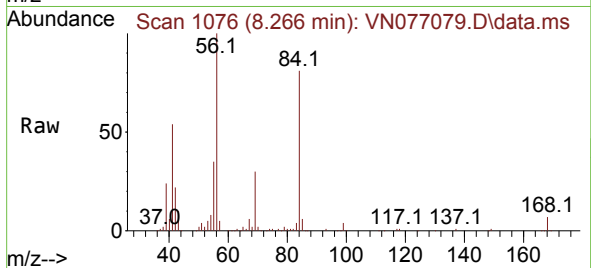
Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313MSD



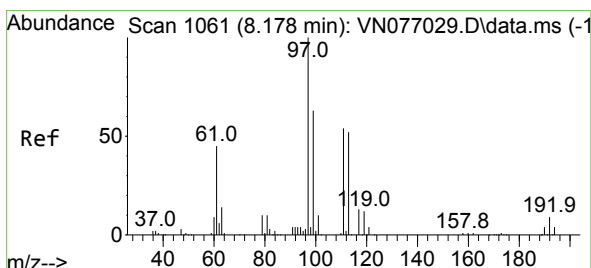
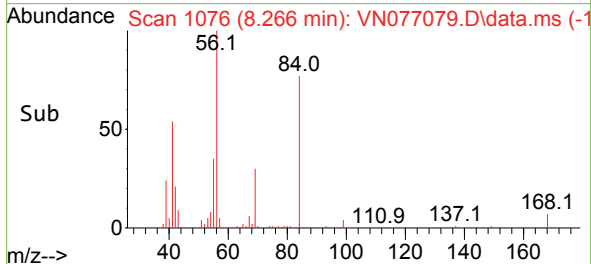
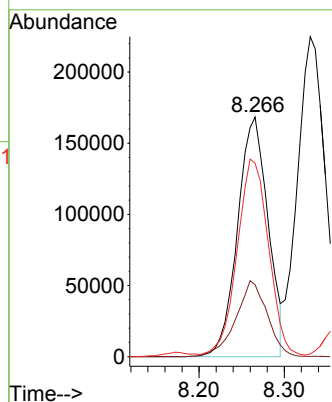
Tgt Ion: 56 Resp: 418531

Ion Ratio Lower Upper

56 100

69 30.1 22.8 34.2

84 79.0 64.7 97.1



#32

1,1,1-Trichloroethane

Concen: 54.221 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

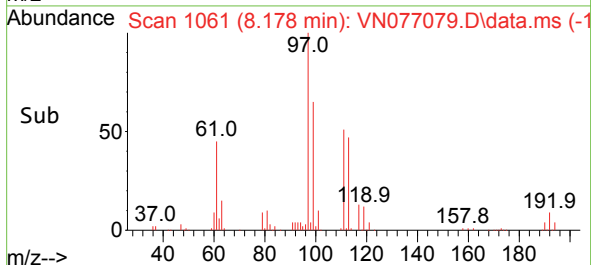
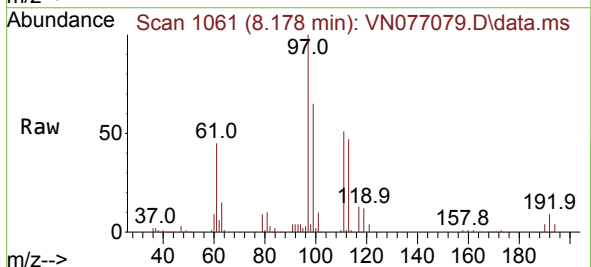
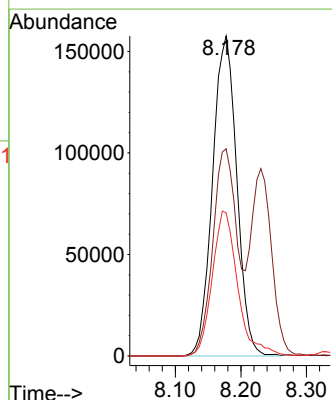
Tgt Ion: 97 Resp: 403908

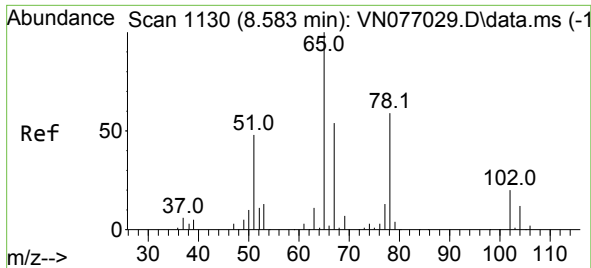
Ion Ratio Lower Upper

97 100

99 66.3 50.2 75.2

61 47.6 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 47.349 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

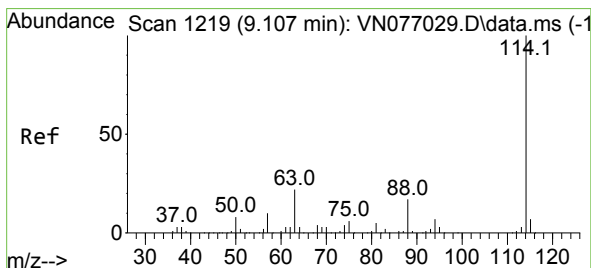
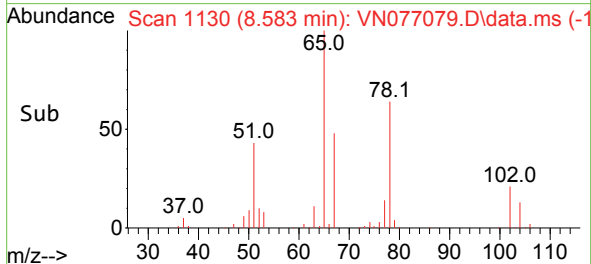
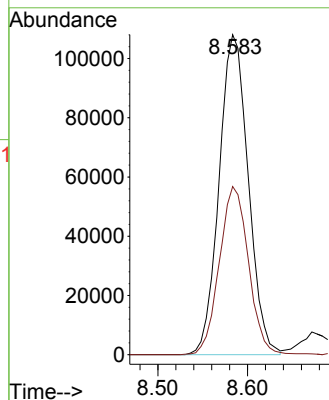
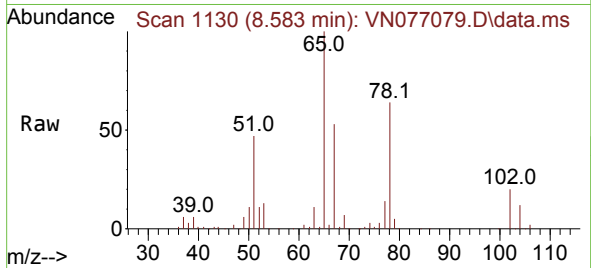
TT180D1-20230313MSD

Tgt Ion: 65 Resp: 243723

Ion Ratio Lower Upper

65 100

67 52.7 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: VN077079.D

Acq: 20 Mar 2023 19:31

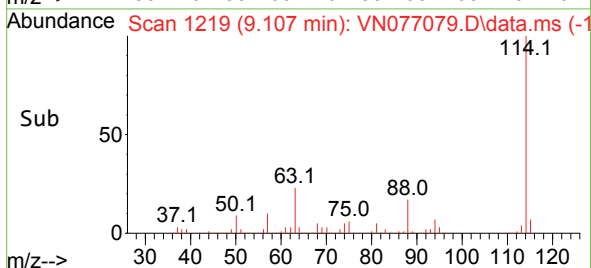
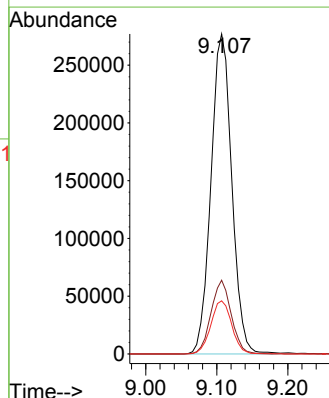
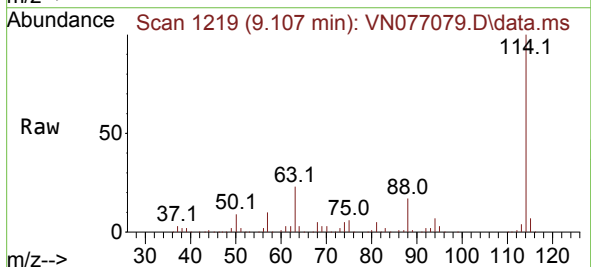
Tgt Ion: 114 Resp: 563613

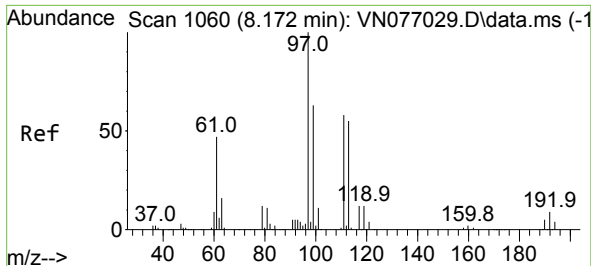
Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

88 16.6 0.0 33.8

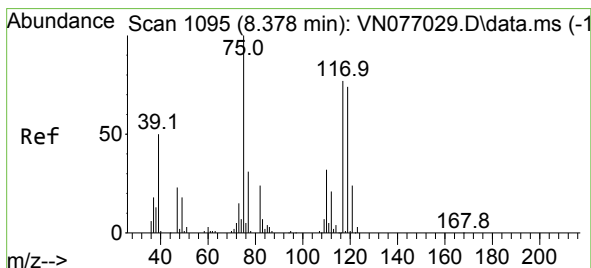
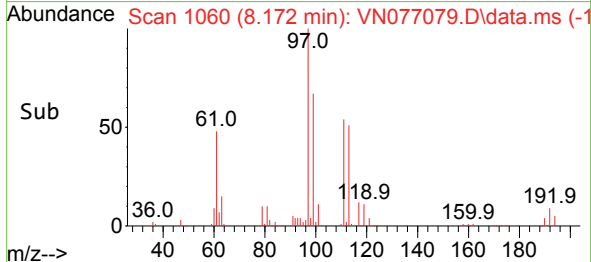
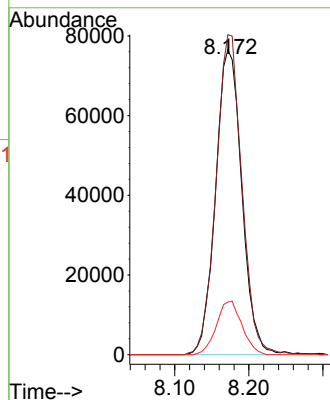
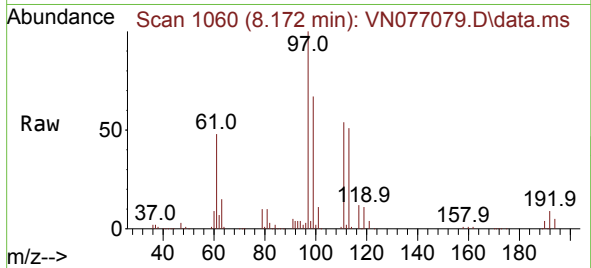




#35
Dibromofluoromethane
Concen: 47.453 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

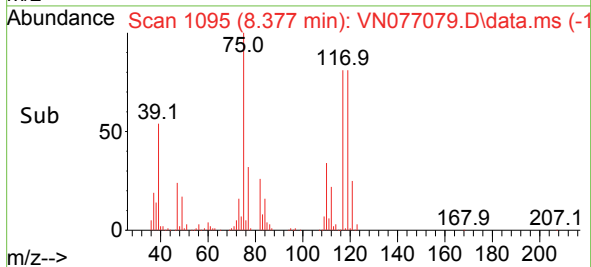
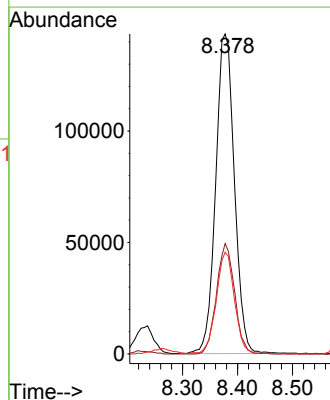
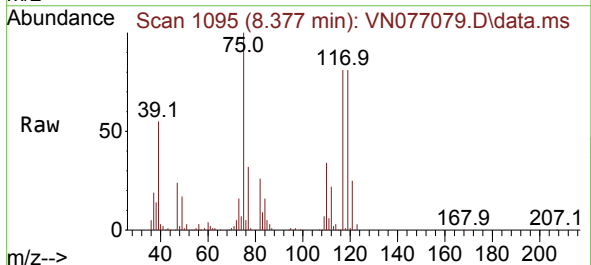
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

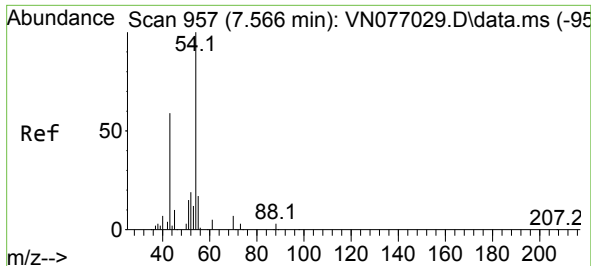
Tgt Ion:113 Resp: 187299
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 17.2 13.0 19.6



#36
1,1-Dichloropropene
Concen: 54.990 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 75 Resp: 339013
Ion Ratio Lower Upper
75 100
110 33.4 15.9 47.7
77 30.7 24.3 36.5

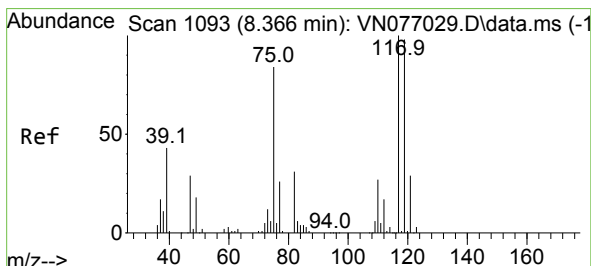
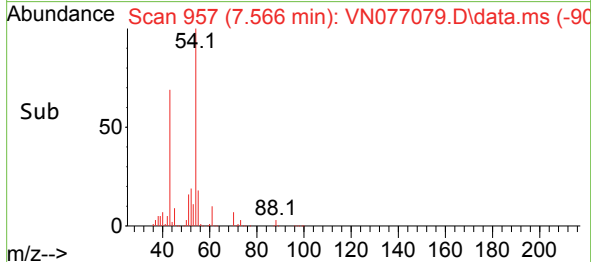
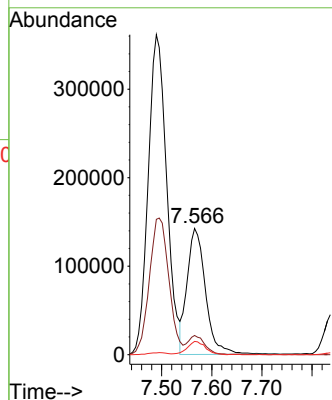
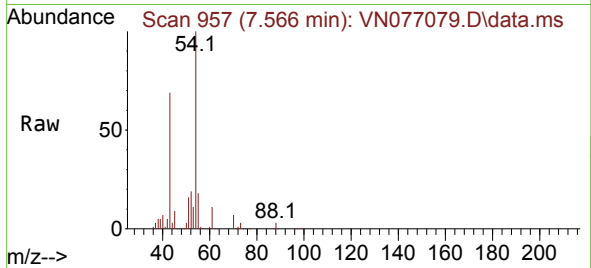




#37
Ethyl Acetate
Concen: 55.099 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

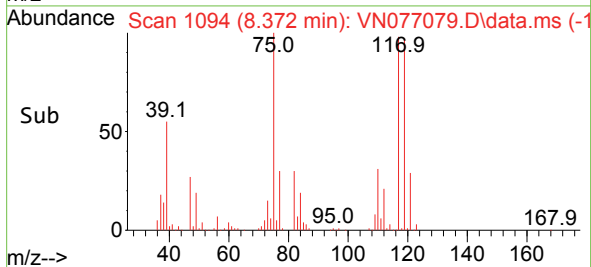
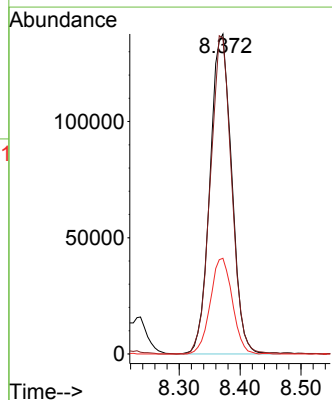
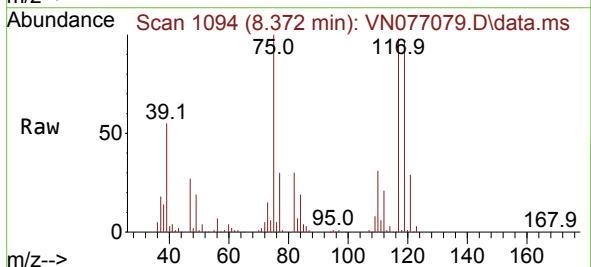
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

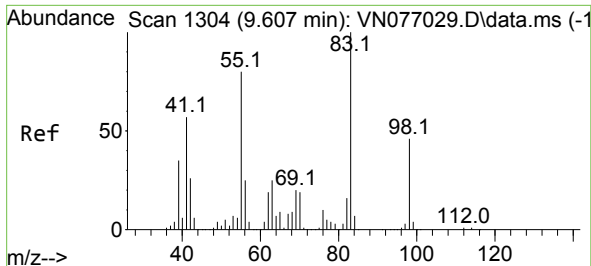
Tgt Ion: 43 Resp: 363441
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 10.4 8.4 12.6



#38
Carbon Tetrachloride
Concen: 56.841 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 117 Resp: 341326
Ion Ratio Lower Upper
117 100
119 98.6 78.2 117.2
121 29.9 23.2 34.8





#39

Methylcyclohexane

Concen: 58.239 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313MSD

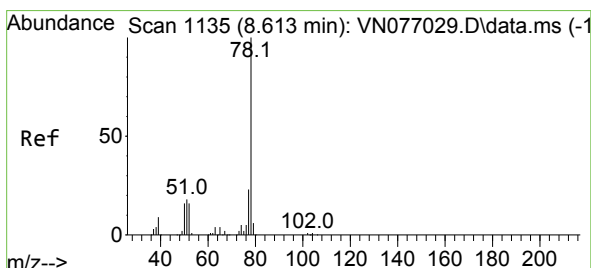
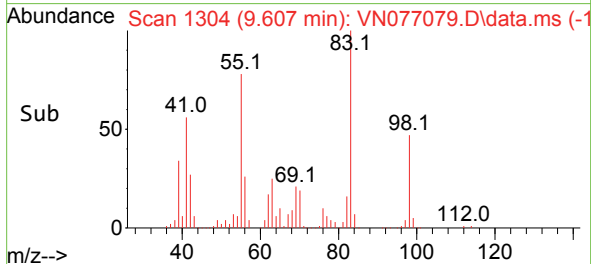
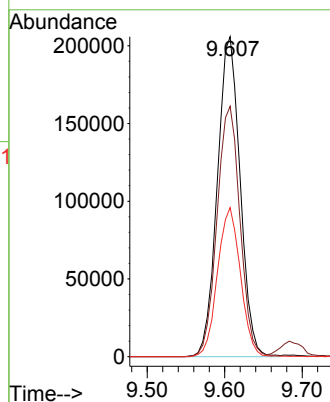
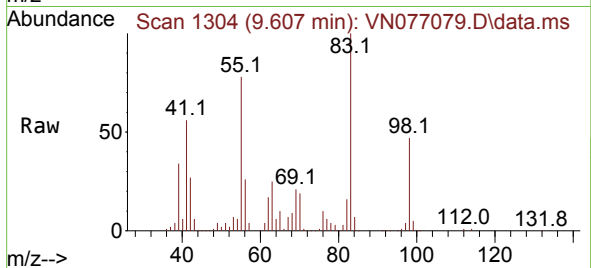
Tgt Ion: 83 Resp: 420255

Ion Ratio Lower Upper

83 100

55 78.3 63.8 95.8

98 46.6 37.1 55.7



#40

Benzene

Concen: 55.117 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077079.D

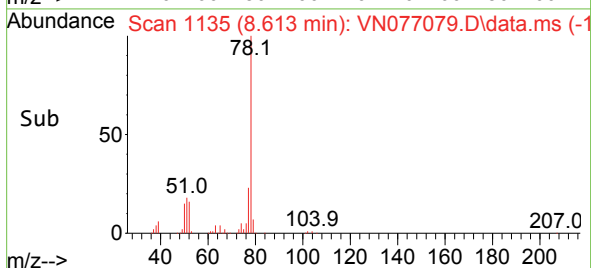
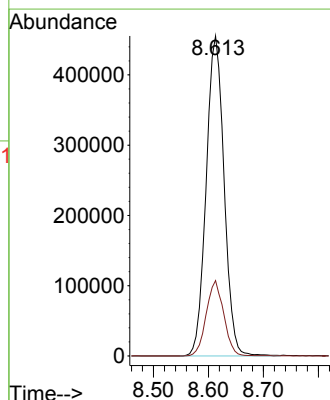
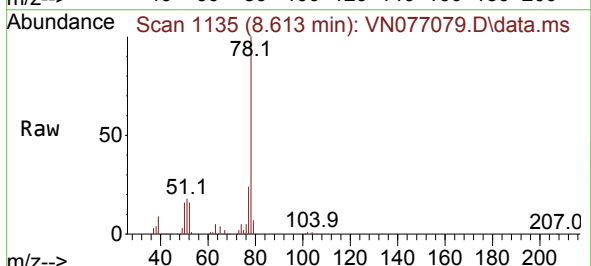
Acq: 20 Mar 2023 19:31

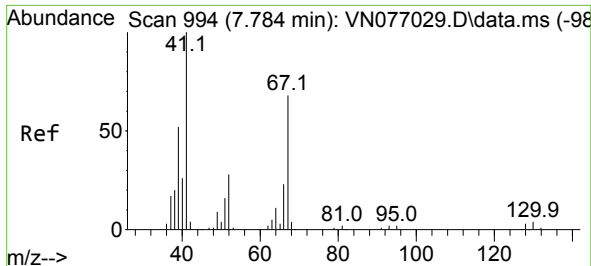
Tgt Ion: 78 Resp: 1030518

Ion Ratio Lower Upper

78 100

77 23.6 18.5 27.7



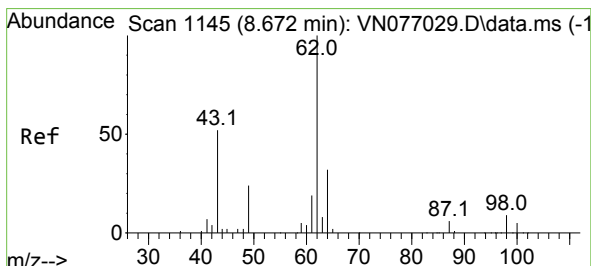
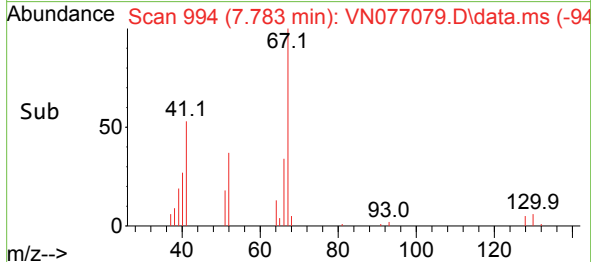
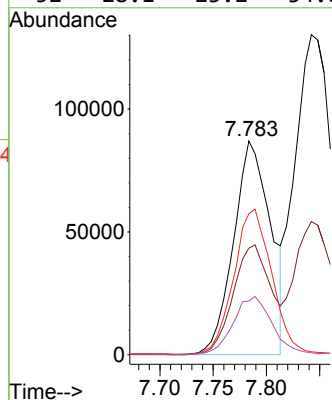
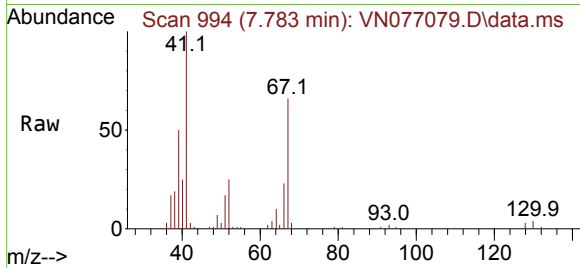


#41
Methacrylonitrile
Concen: 59.326 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

Tgt Ion: 41 Resp: 210810

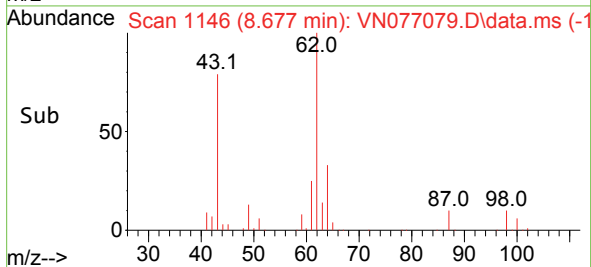
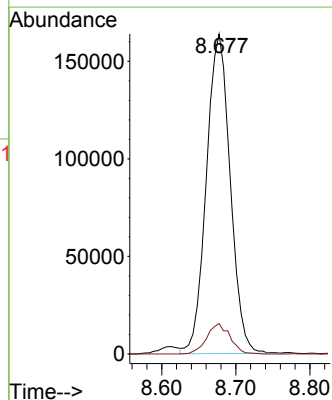
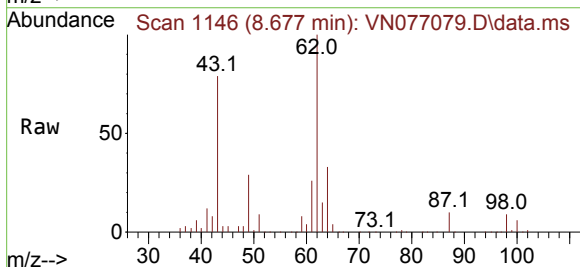
Ion	Ratio	Lower	Upper
41	100		
39	52.4	41.6	62.4
67	70.9	53.8	80.8
52	28.1	23.2	34.8

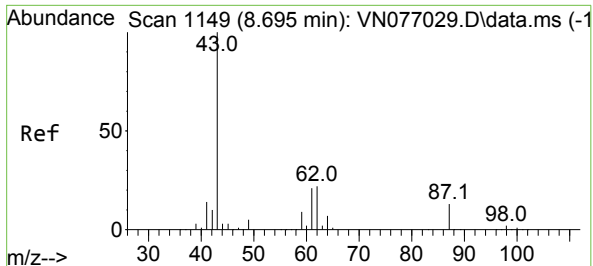


#42
1,2-Dichloroethane
Concen: 54.152 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 62 Resp: 365864

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.4

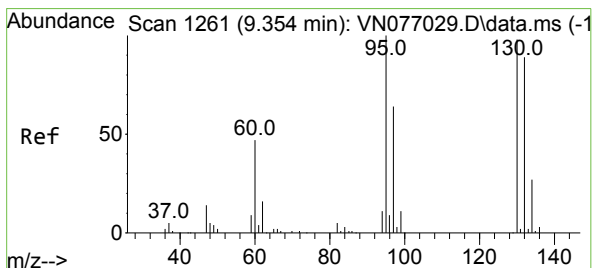
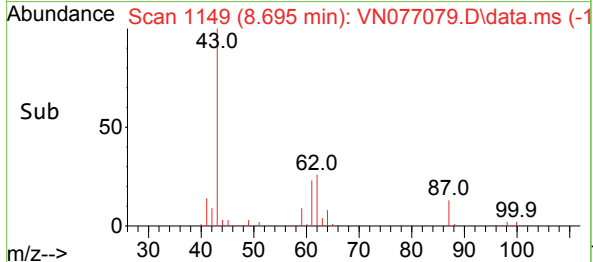
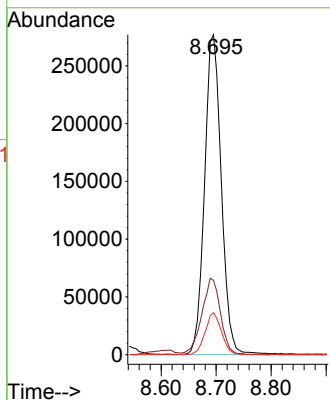
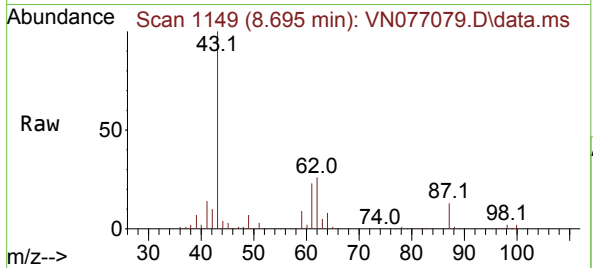




#43
Isopropyl Acetate
Concen: 56.822 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

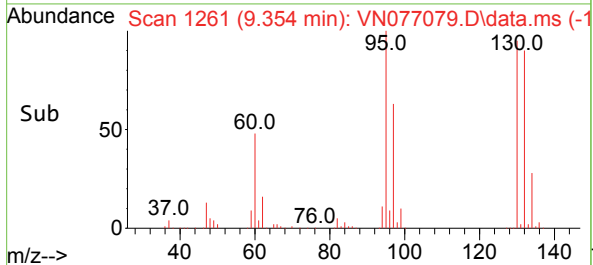
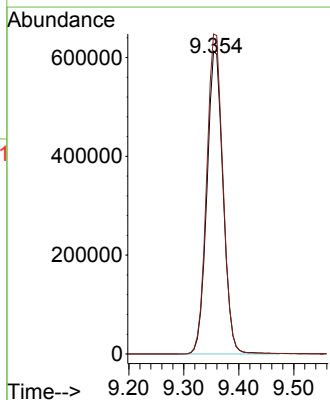
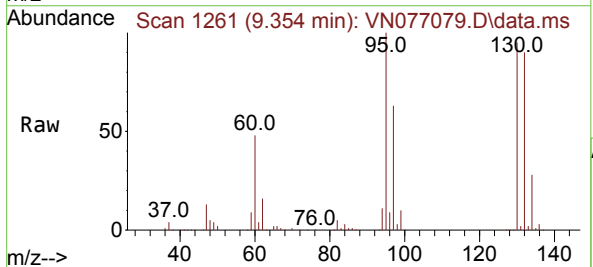
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

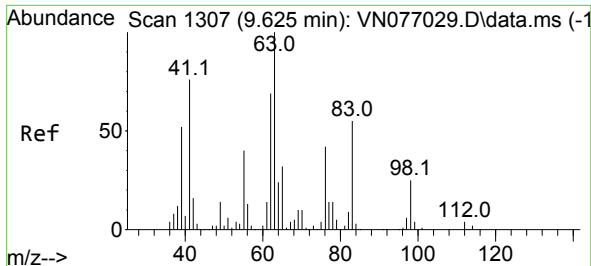
Tgt Ion: 43 Resp: 585497
Ion Ratio Lower Upper
43 100
61 26.7 20.6 30.8
87 12.8 10.0 15.0



#44
Trichloroethene
Concen: 292.225 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion:130 Resp: 1254991
Ion Ratio Lower Upper
130 100
95 105.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 55.837 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

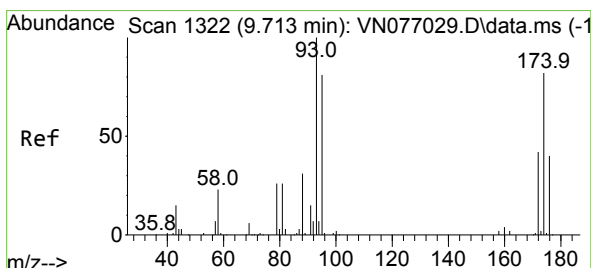
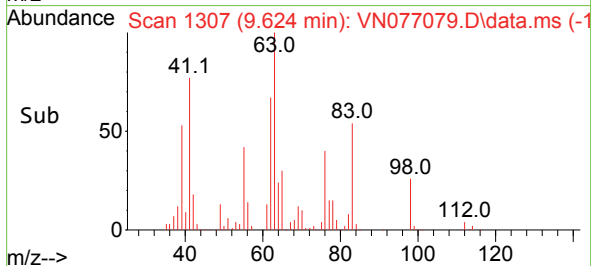
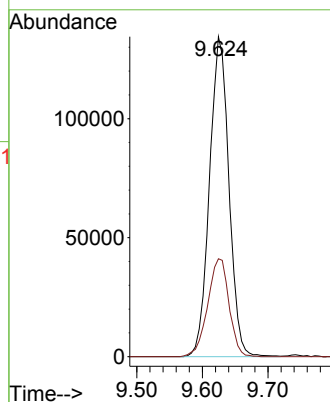
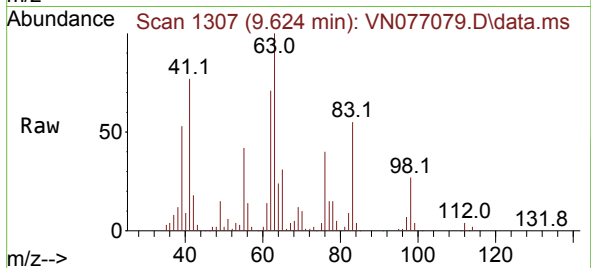
TT180D1-20230313MSD

Tgt Ion: 63 Resp: 277273

Ion Ratio Lower Upper

63 100

65 30.6 25.5 38.3



#46

Dibromomethane

Concen: 55.227 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

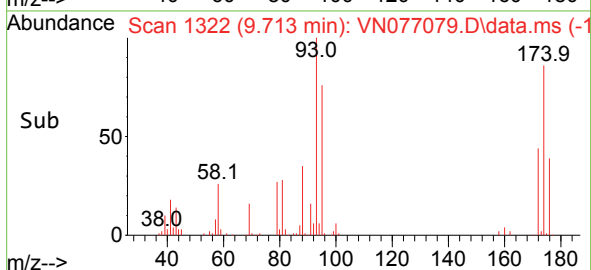
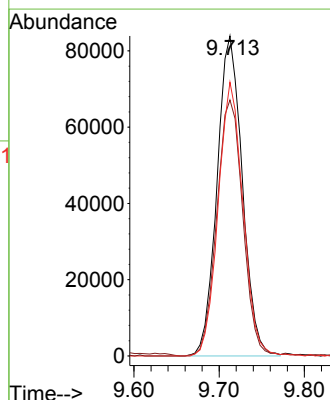
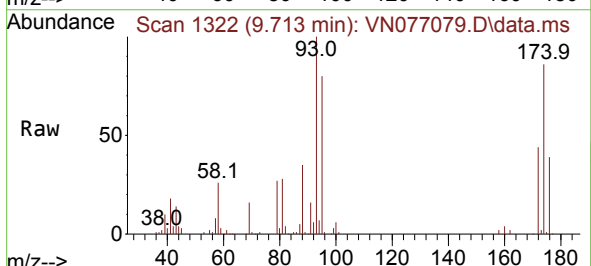
Tgt Ion: 93 Resp: 172958

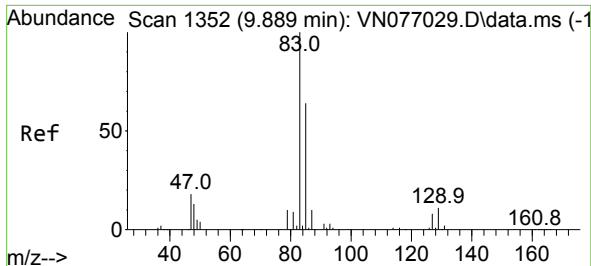
Ion Ratio Lower Upper

93 100

95 82.6 65.7 98.5

174 84.1 66.4 99.6

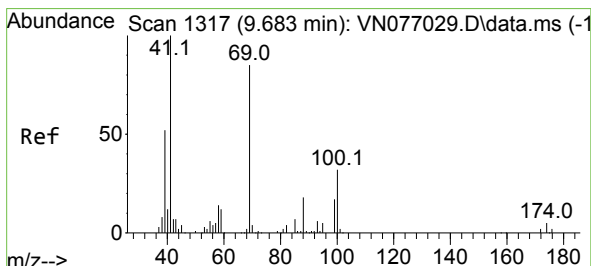
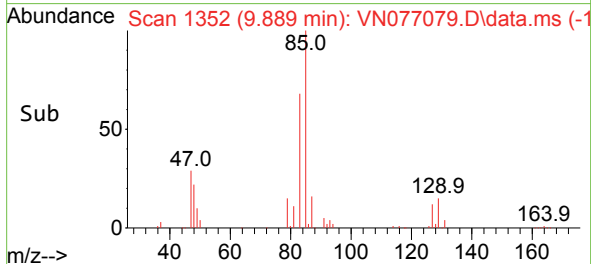
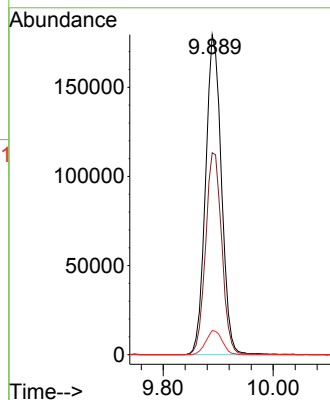
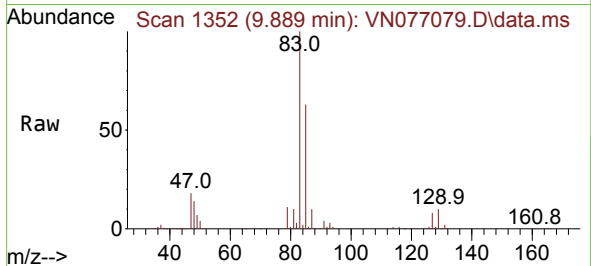




#47
Bromodichloromethane
Concen: 54.710 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

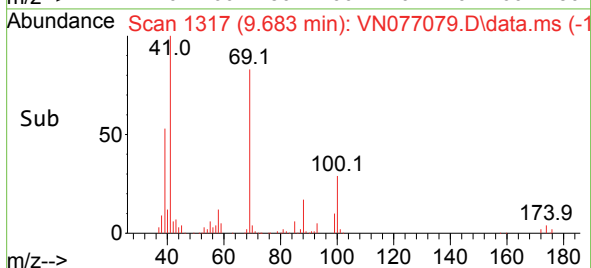
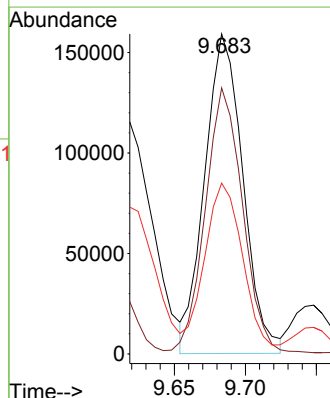
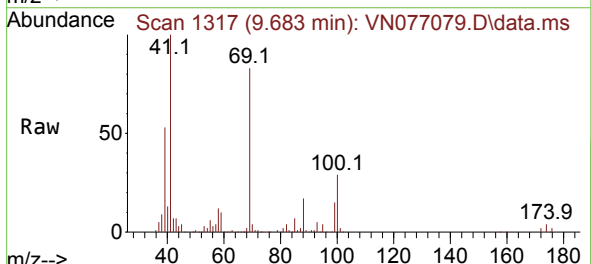
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

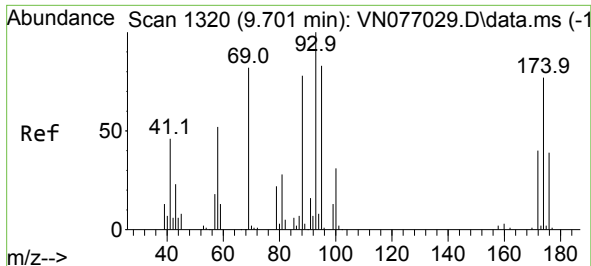
Tgt Ion: 83 Resp: 359357
Ion Ratio Lower Upper
83 100
85 63.1 51.0 76.4
127 7.6 6.1 9.1



#48
Methyl methacrylate
Concen: 60.281 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 41 Resp: 296947
Ion Ratio Lower Upper
41 100
69 82.1 64.3 96.5
39 54.0 43.2 64.8





#49

1,4-Dioxane

Concen: 1259.111 ug/l

RT: 9.701 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313MSD

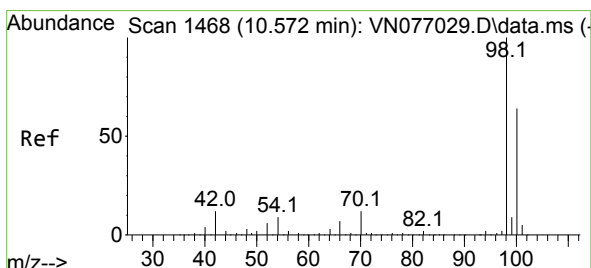
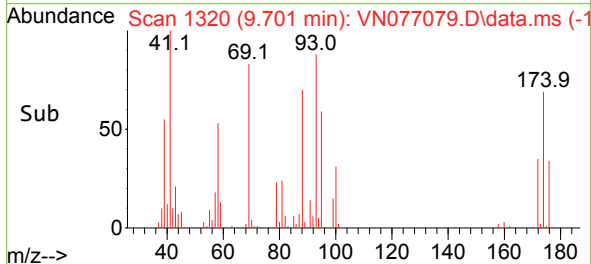
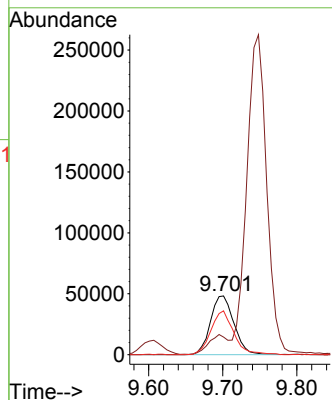
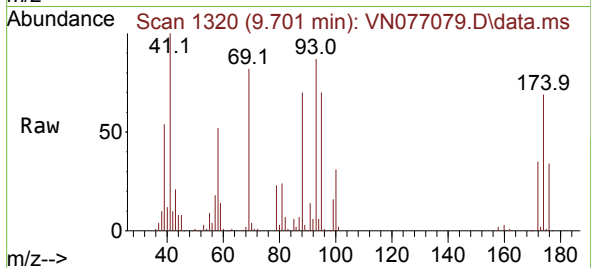
Tgt Ion: 88 Resp: 105937

Ion Ratio Lower Upper

88 100

43 26.1 22.2 33.2

58 73.3 60.8 91.2



#50

Toluene-d8

Concen: 50.138 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077079.D

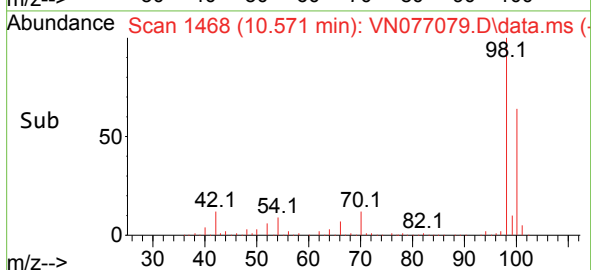
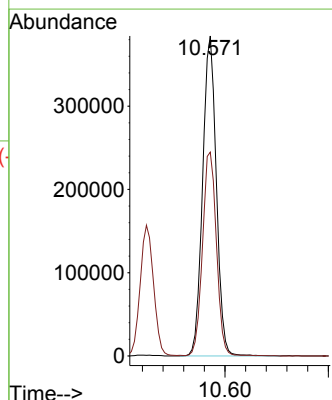
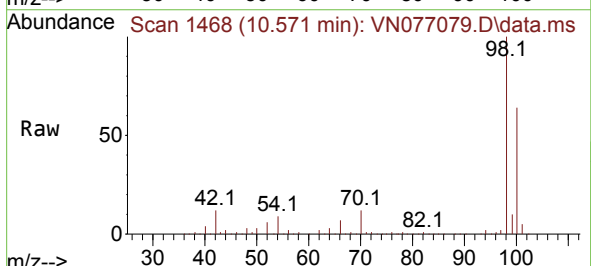
Acq: 20 Mar 2023 19:31

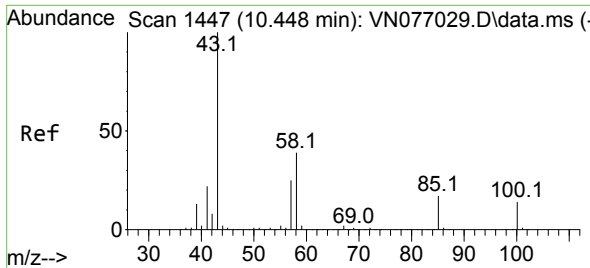
Tgt Ion: 98 Resp: 706914

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 294.187 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

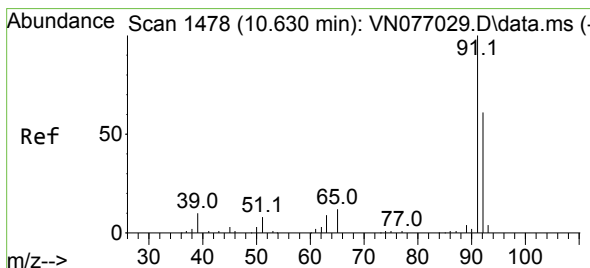
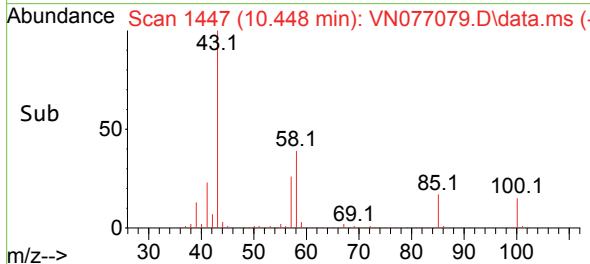
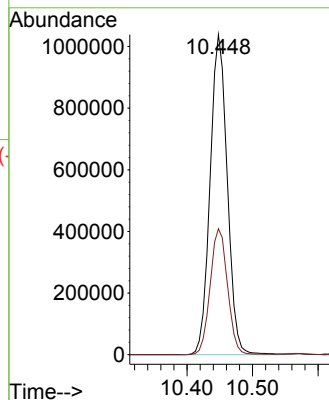
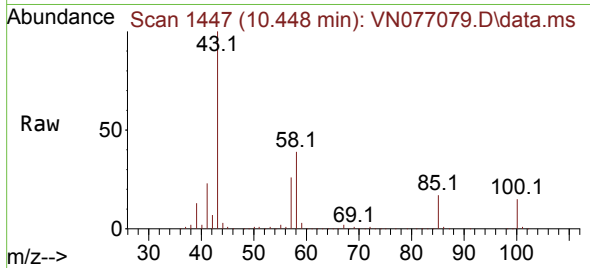
TT180D1-20230313MSD

Tgt Ion: 43 Resp: 1887687

Ion Ratio Lower Upper

43 100

58 39.9 31.1 46.7



#52

Toluene

Concen: 57.150 ug/l

RT: 10.636 min Scan# 1479

Delta R.T. 0.006 min

Lab File: VN077079.D

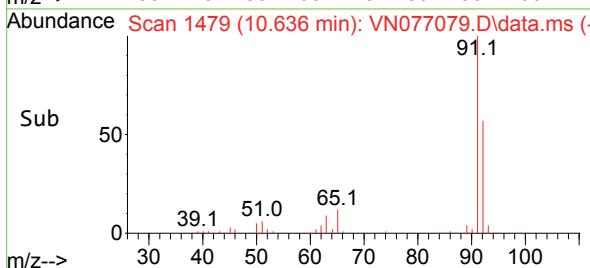
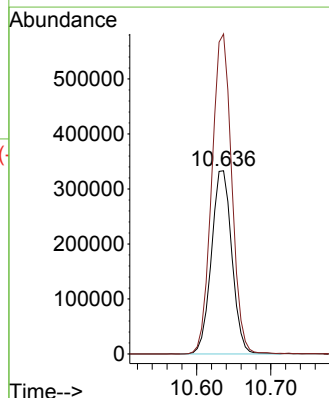
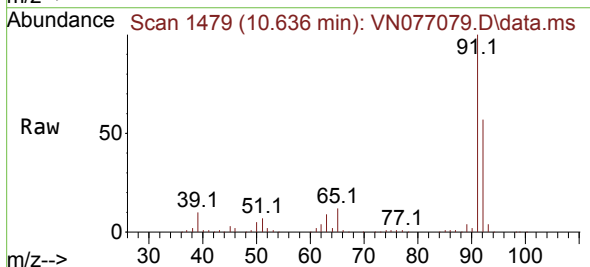
Acq: 20 Mar 2023 19:31

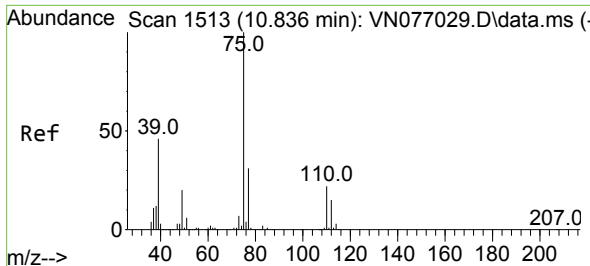
Tgt Ion: 92 Resp: 637993

Ion Ratio Lower Upper

92 100

91 170.6 135.8 203.8

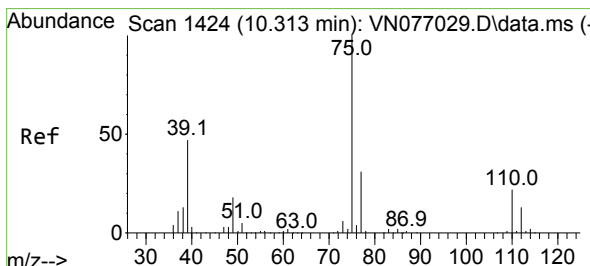
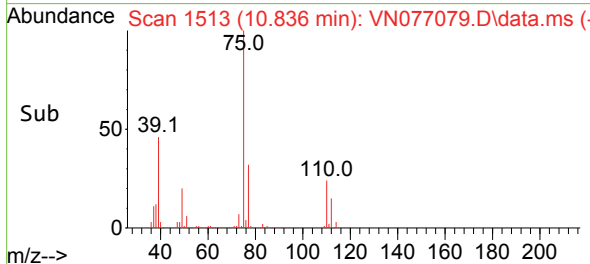
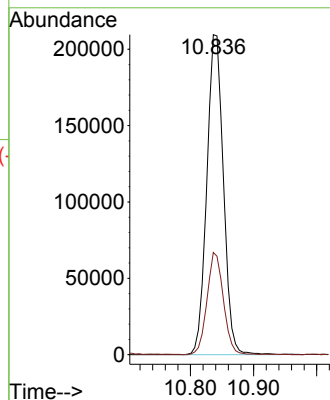
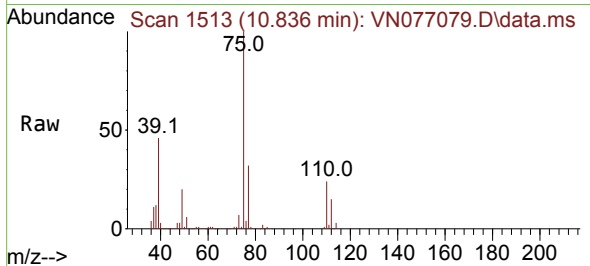




#53
t-1,3-Dichloropropene
Concen: 59.417 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

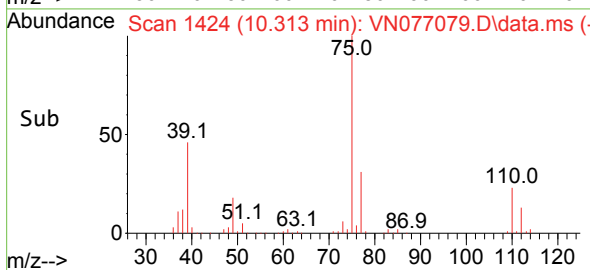
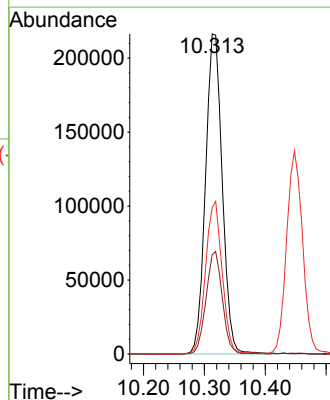
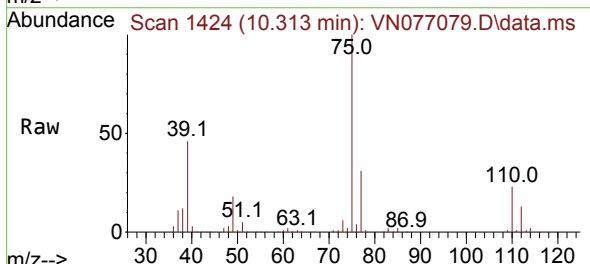
Instrument : MSVOA_N
ClientSampleId : TT180D1-20230313MSD

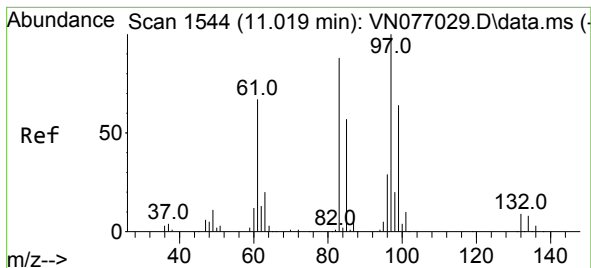
Tgt Ion: 75 Resp: 382505
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 56.849 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 75 Resp: 412924
Ion Ratio Lower Upper
75 100
77 31.1 24.5 36.7
39 45.7 37.8 56.6





#55

1,1,2-Trichloroethane

Concen: 58.122 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313MSD

Tgt Ion: 97 Resp: 255858

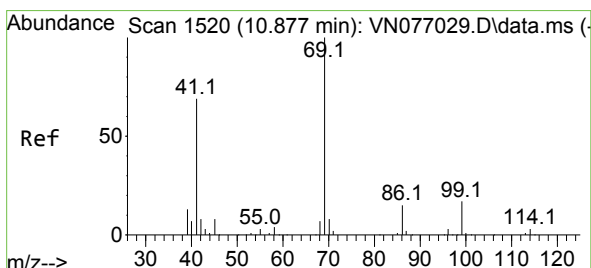
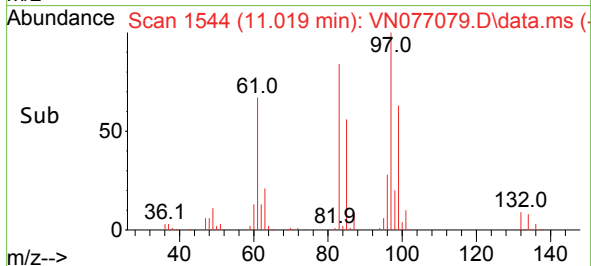
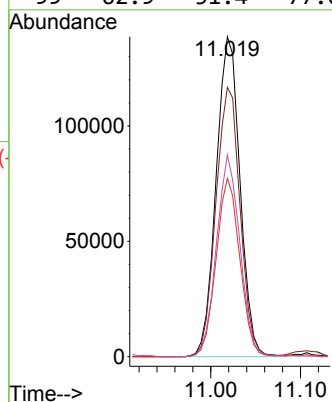
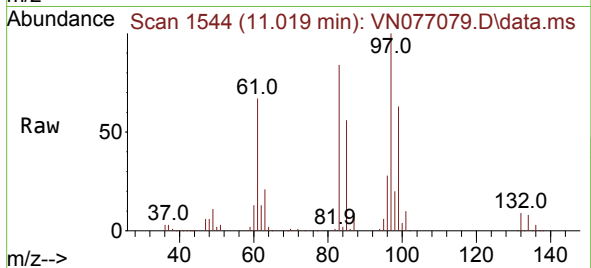
Ion Ratio Lower Upper

97 100

83 84.2 70.5 105.7

85 55.8 45.4 68.2

99 62.9 51.4 77.0



#56

Ethyl methacrylate

Concen: 62.026 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

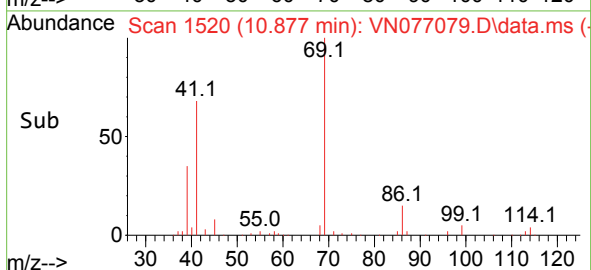
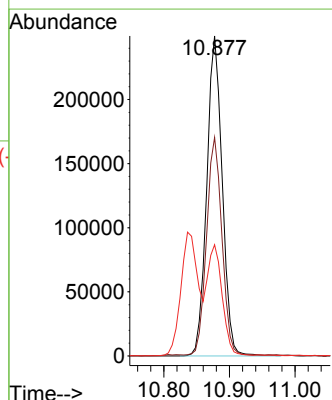
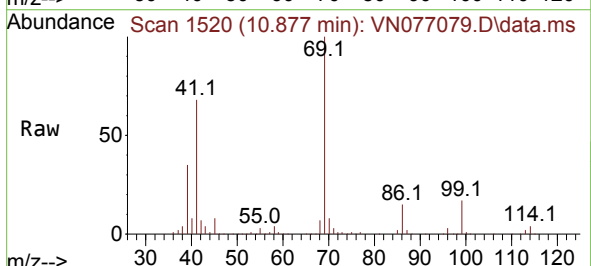
Tgt Ion: 69 Resp: 410579

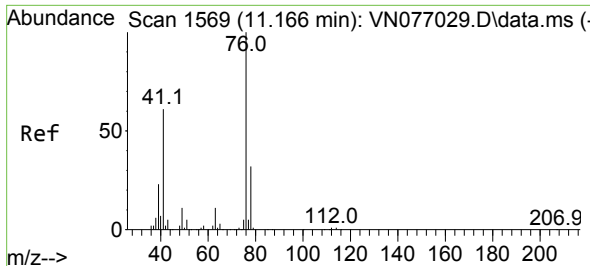
Ion Ratio Lower Upper

69 100

41 67.2 54.9 82.3

39 32.6 26.6 40.0

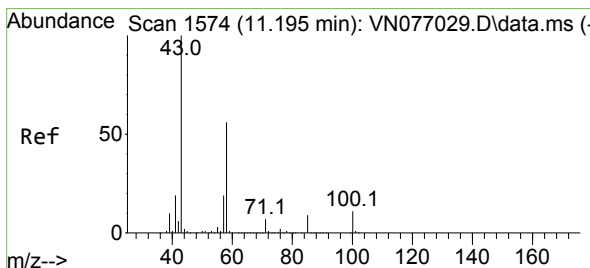
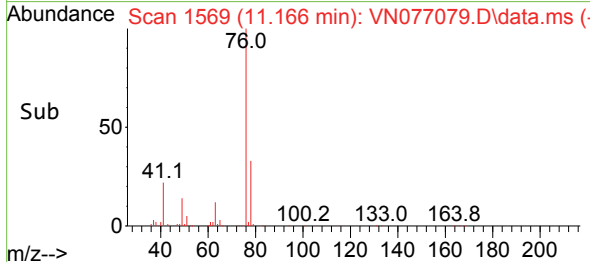
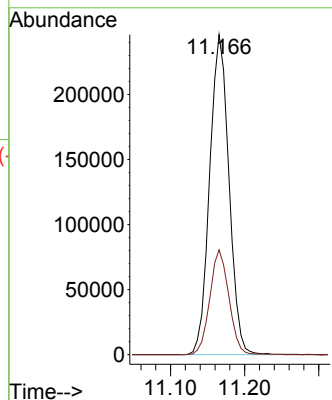
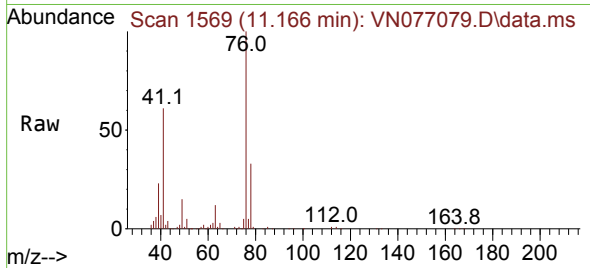




#57
1,3-Dichloropropane
Concen: 55.211 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

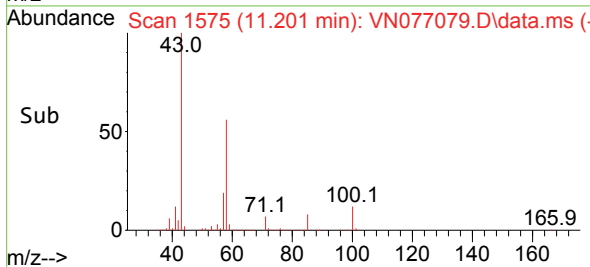
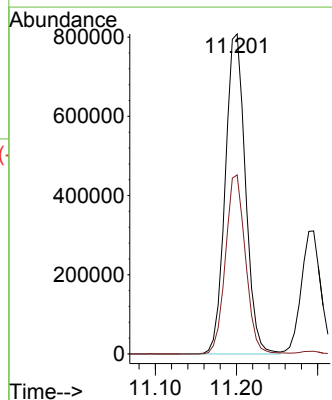
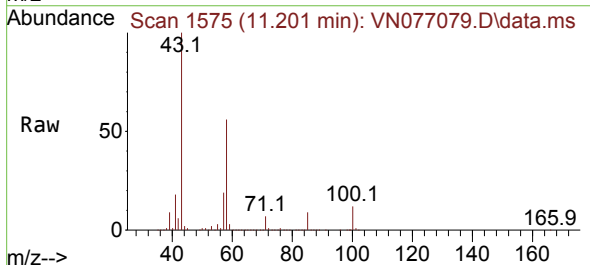
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

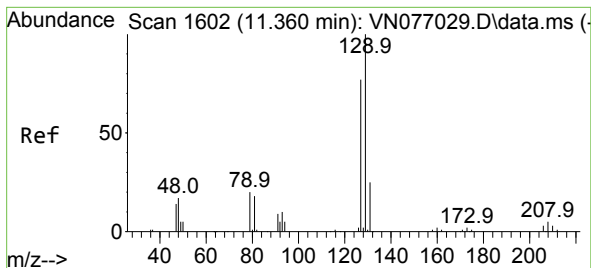
Tgt Ion: 76 Resp: 444973
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9



#59
2-Hexanone
Concen: 299.927 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 43 Resp: 1395877
Ion Ratio Lower Upper
43 100
58 55.6 27.7 83.1





#60

Dibromochloromethane

Concen: 58.399 ug/l

RT: 11.366 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

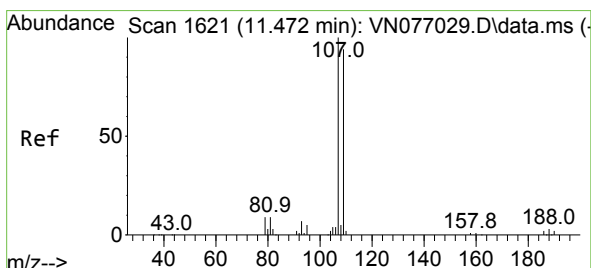
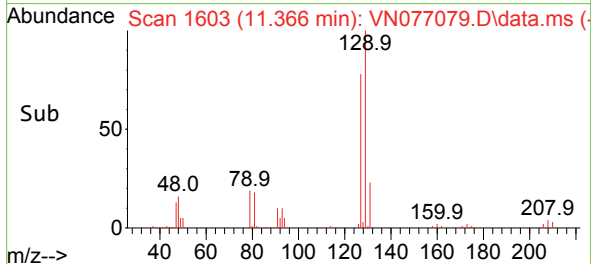
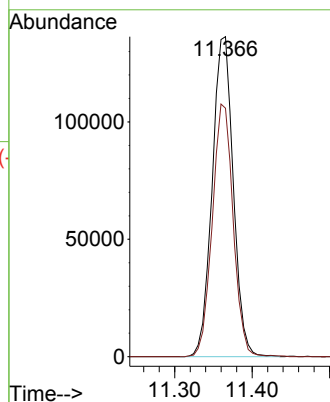
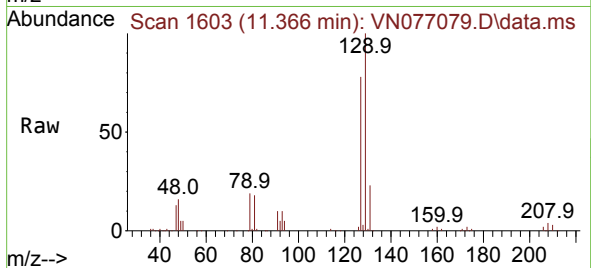
TT180D1-20230313MSD

Tgt Ion:129 Resp: 258236

Ion Ratio Lower Upper

129 100

127 78.1 38.6 115.7



#61

1,2-Dibromoethane

Concen: 57.910 ug/l

RT: 11.471 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VN077079.D

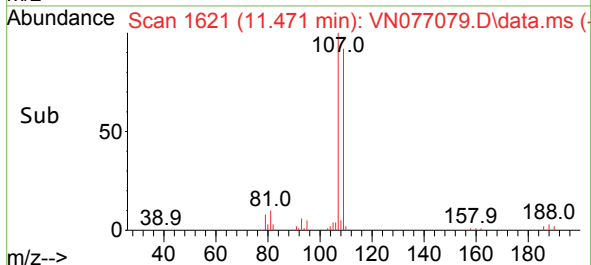
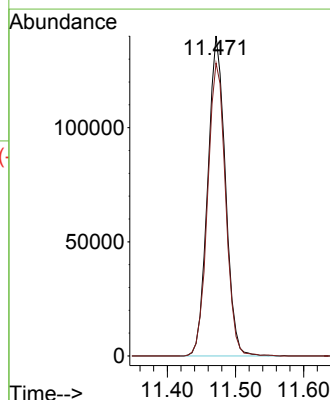
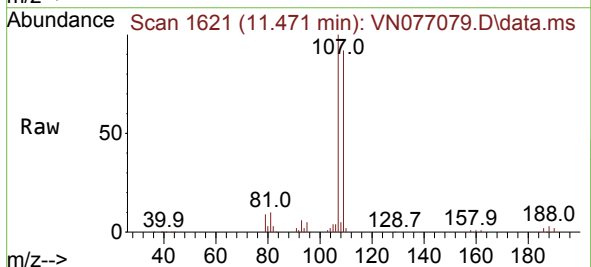
Acq: 20 Mar 2023 19:31

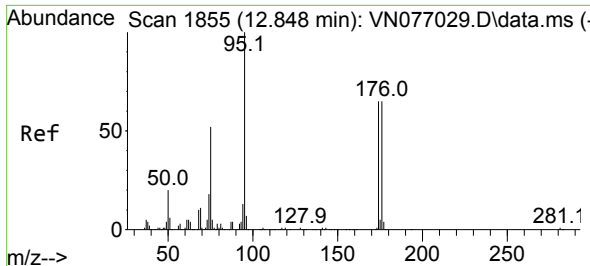
Tgt Ion:107 Resp: 252797

Ion Ratio Lower Upper

107 100

109 93.2 75.6 113.4

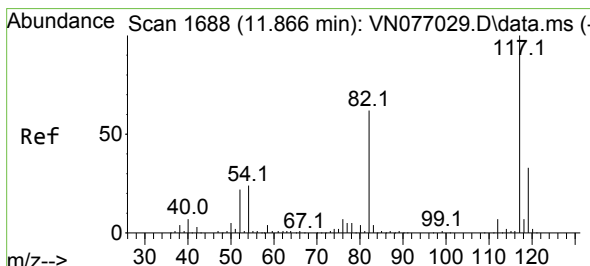
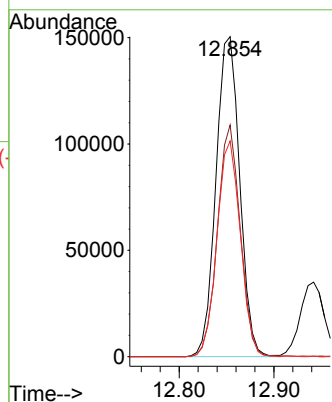
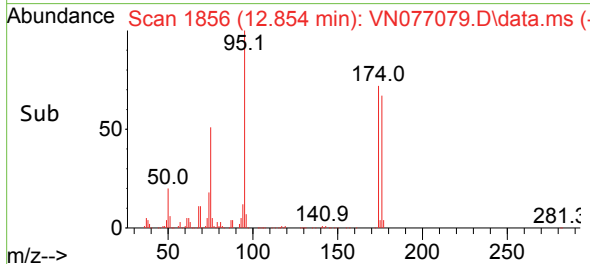
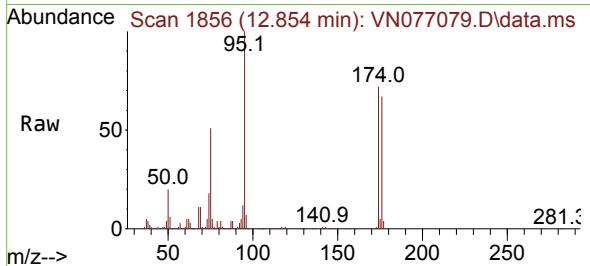




#62
4-Bromofluorobenzene
Concen: 52.694 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

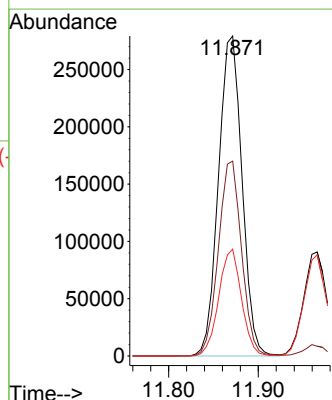
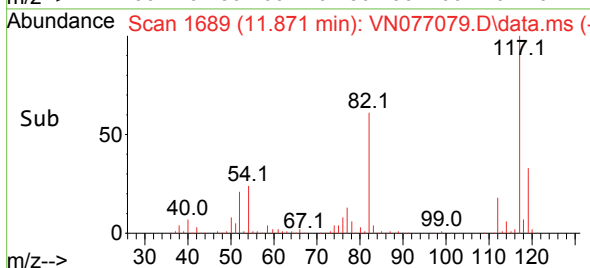
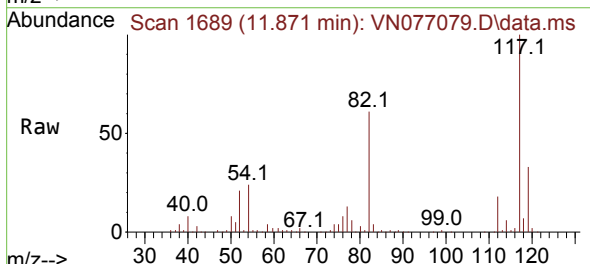
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

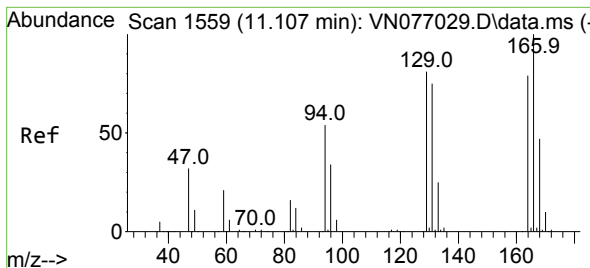
Tgt Ion: 95 Resp: 262531
Ion Ratio Lower Upper
95 100
174 69.4 0.0 136.6
176 66.3 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 117 Resp: 509651
Ion Ratio Lower Upper
117 100
82 60.9 49.4 74.0
119 33.4 26.5 39.7





#64

Tetrachloroethene

Concen: 53.272 ug/l

RT: 11.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313MSD

Tgt Ion:164 Resp: 182214

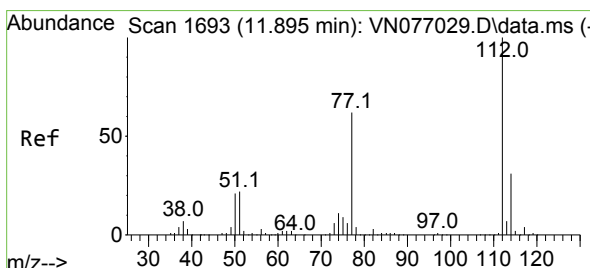
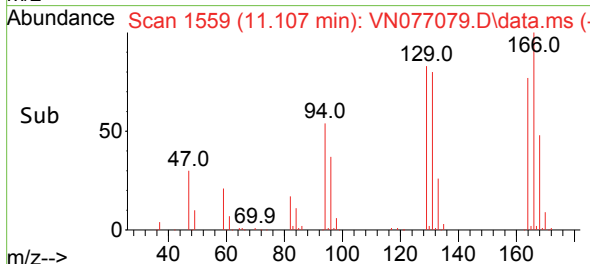
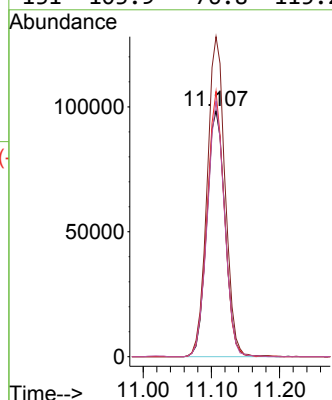
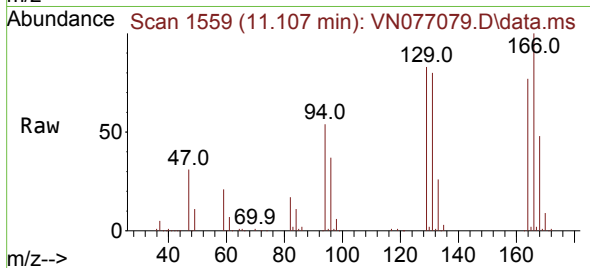
Ion Ratio Lower Upper

164 100

166 130.1 101.9 152.9

129 107.9 82.6 123.8

131 103.9 76.8 115.2



#65

Chlorobenzene

Concen: 54.832 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VN077079.D

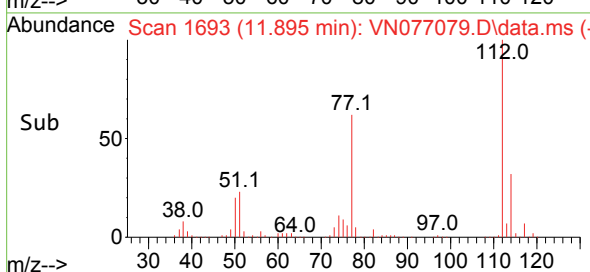
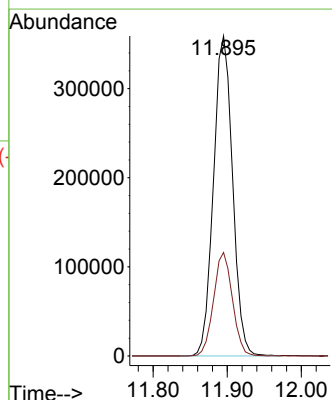
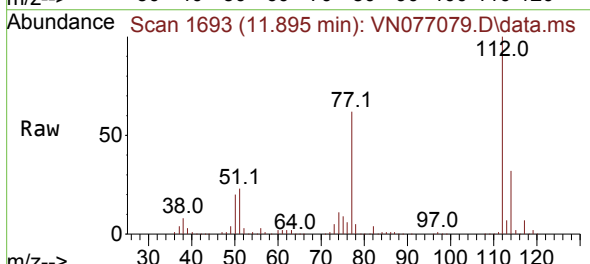
Acq: 20 Mar 2023 19:31

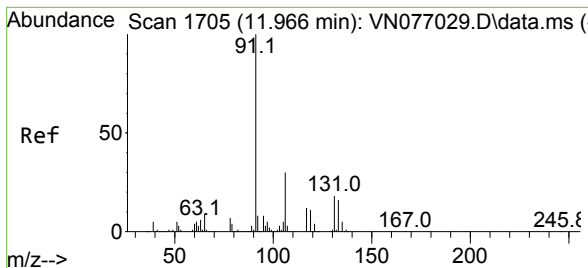
Tgt Ion:112 Resp: 642978

Ion Ratio Lower Upper

112 100

114 32.4 24.8 37.2

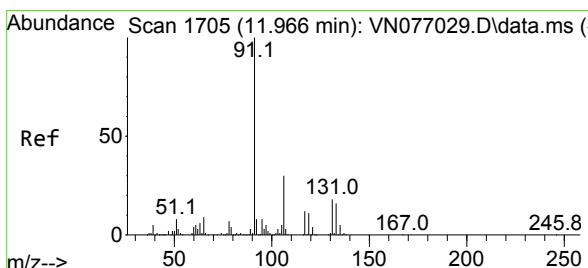
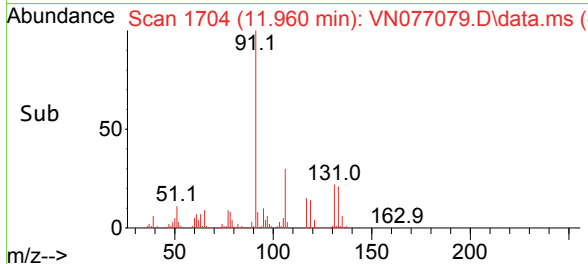
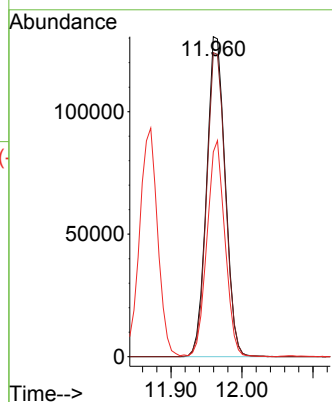
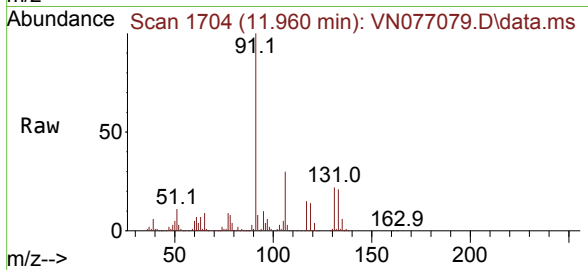




#66
 1,1,1,2-Tetrachloroethane
 Concen: 54.862 ug/l
 RT: 11.960 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN077079.D
 Acq: 20 Mar 2023 19:31

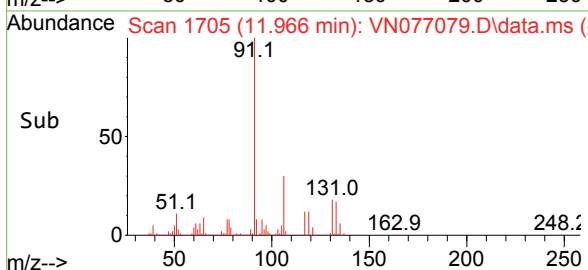
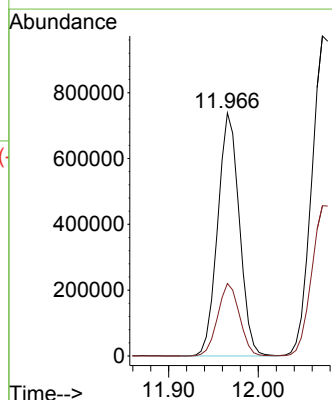
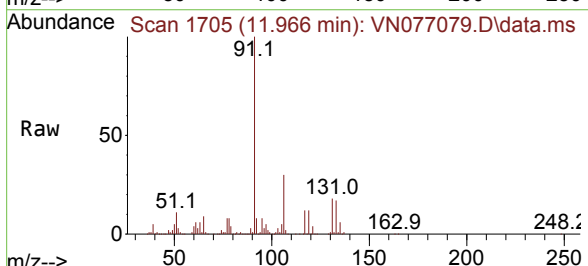
Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313MSD

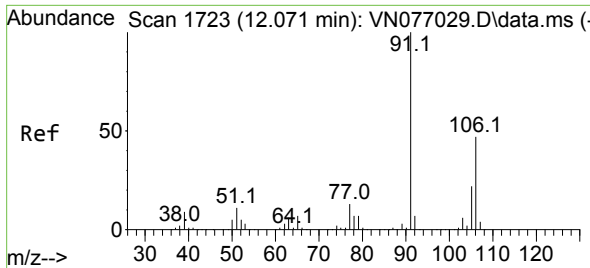
Tgt Ion:131 Resp: 238050
 Ion Ratio Lower Upper
 131 100
 133 95.6 46.8 140.3
 119 65.3 32.6 97.8



#67
 Ethyl Benzene
 Concen: 58.044 ug/l
 RT: 11.966 min Scan# 1705
 Delta R.T. -0.000 min
 Lab File: VN077079.D
 Acq: 20 Mar 2023 19:31

Tgt Ion: 91 Resp: 1236335
 Ion Ratio Lower Upper
 91 100
 106 29.8 24.3 36.5

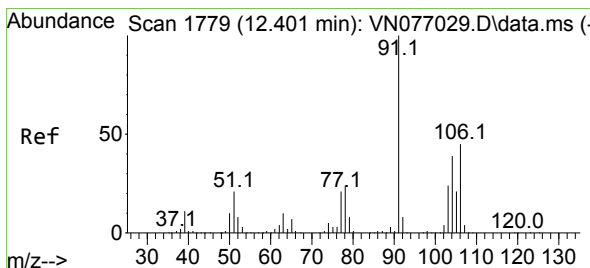
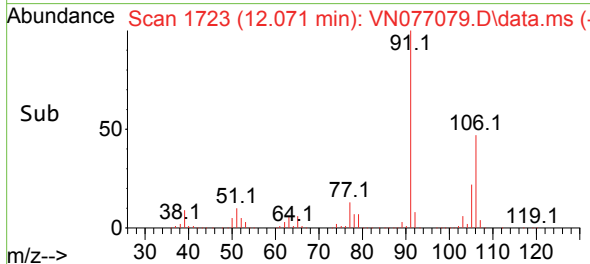
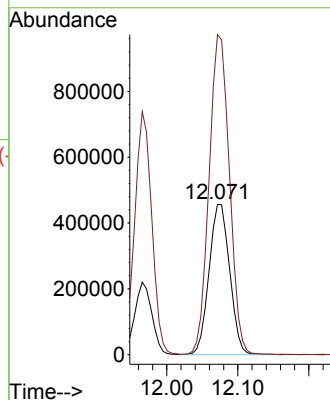
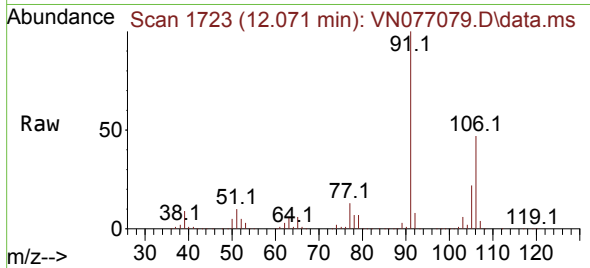




#68
m/p-Xylenes
Concen: 116.480 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

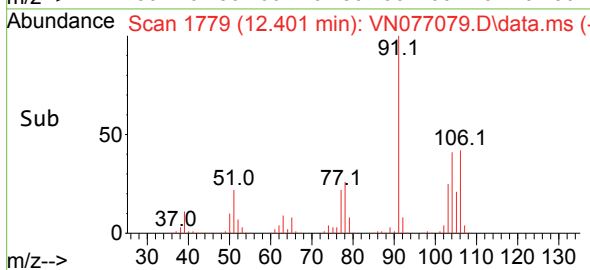
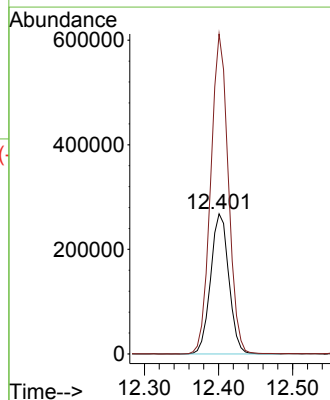
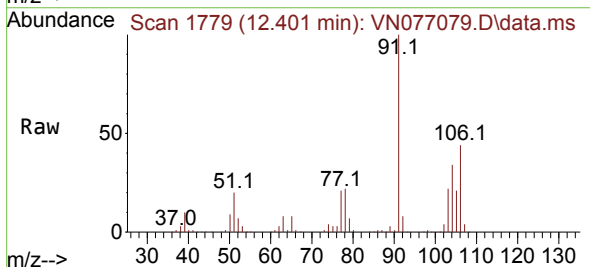
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

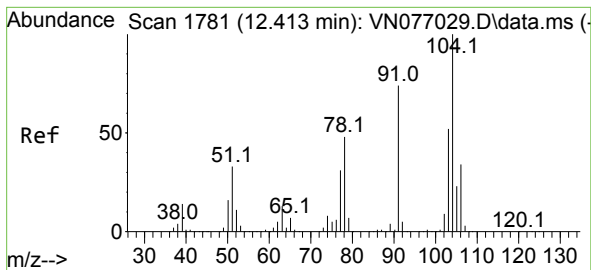
Tgt Ion:106 Resp: 920119
Ion Ratio Lower Upper
106 100
91 210.6 168.0 252.0



#69
o-Xylene
Concen: 58.294 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion:106 Resp: 457549
Ion Ratio Lower Upper
106 100
91 221.2 110.3 330.9





#70

Styrene

Concen: 61.264 ug/l

RT: 12.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313MSD

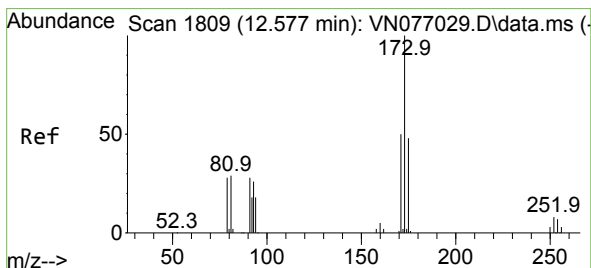
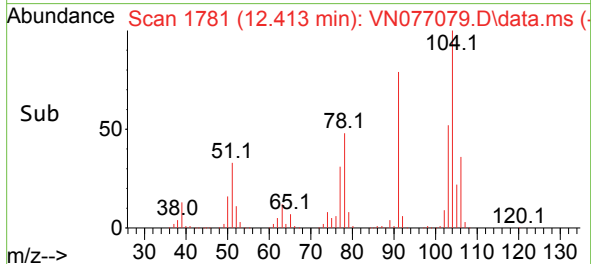
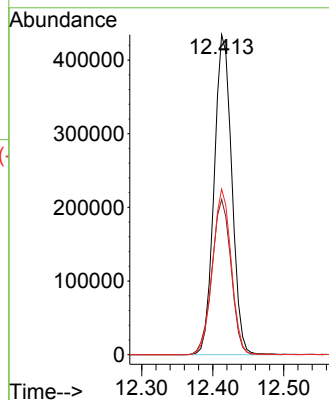
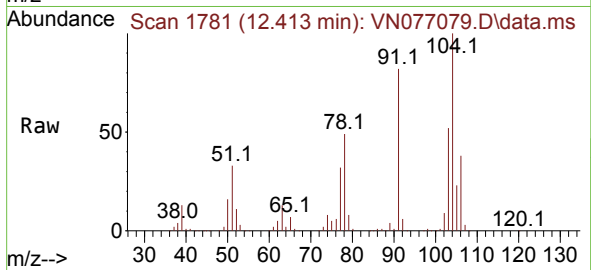
Tgt Ion:104 Resp: 748639

Ion Ratio Lower Upper

104 100

78 52.6 41.8 62.8

103 54.5 43.8 65.6



#71

Bromoform

Concen: 59.998 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

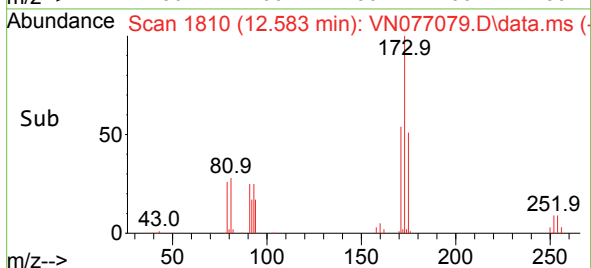
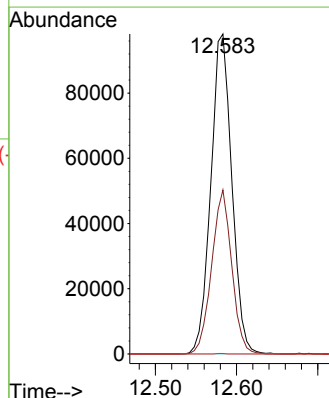
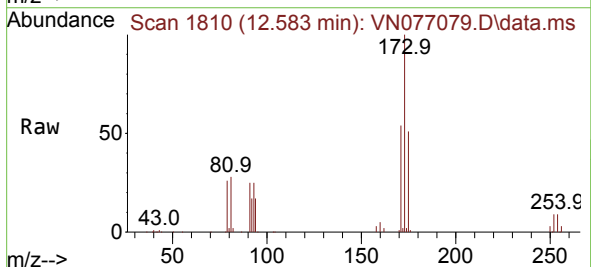
Tgt Ion:173 Resp: 176407

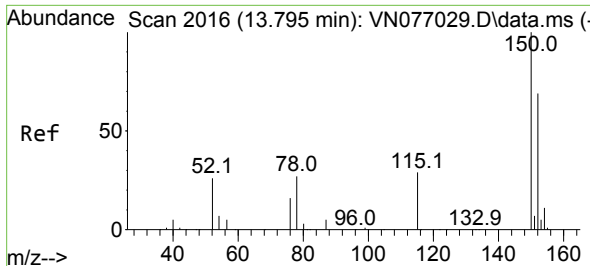
Ion Ratio Lower Upper

173 100

175 48.9 24.5 73.5

254 0.1 0.1 0.1#

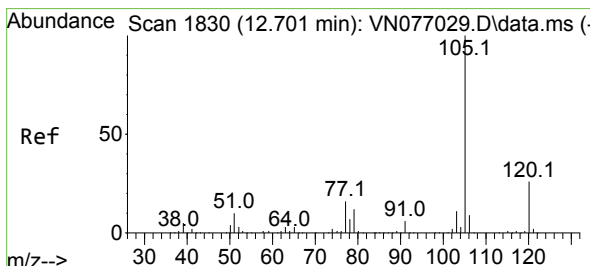
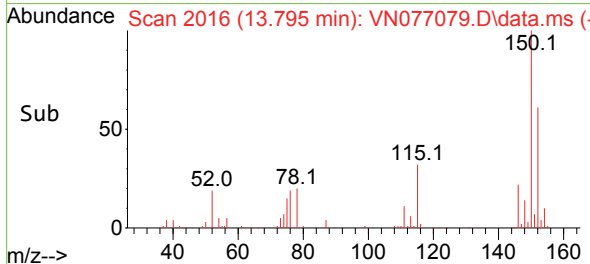
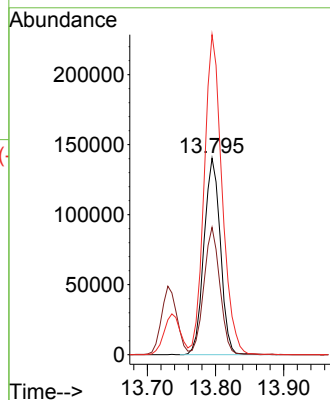
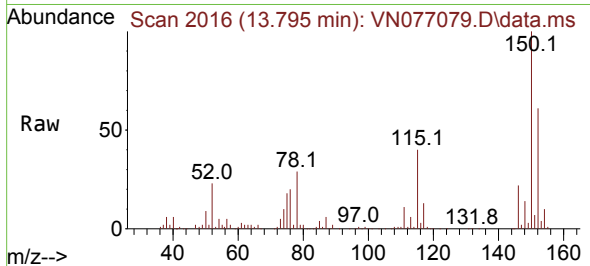




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077079.D
 Acq: 20 Mar 2023 19:31

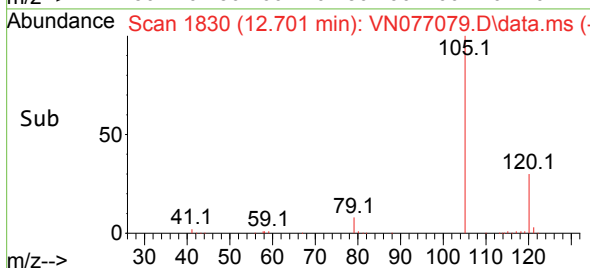
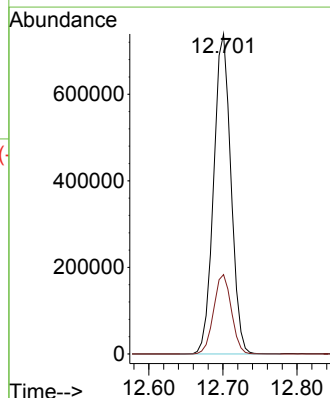
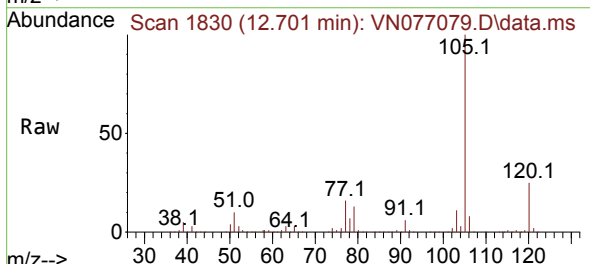
Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313MSD

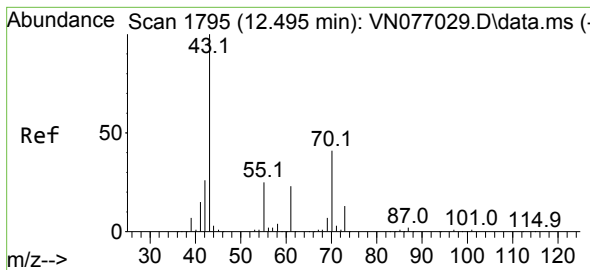
Tgt Ion:152 Resp: 234750
 Ion Ratio Lower Upper
 152 100
 115 63.5 31.9 95.7
 150 177.1 0.0 348.0



#73
 Isopropylbenzene
 Concen: 56.763 ug/l
 RT: 12.701 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: VN077079.D
 Acq: 20 Mar 2023 19:31

Tgt Ion:105 Resp: 1194157
 Ion Ratio Lower Upper
 105 100
 120 25.5 12.8 38.4

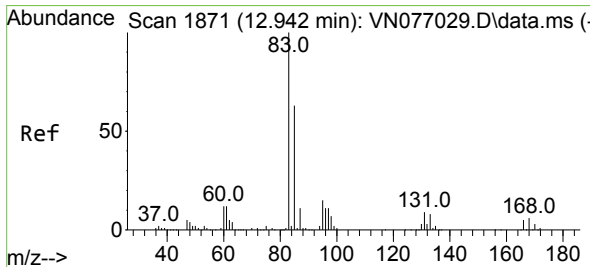
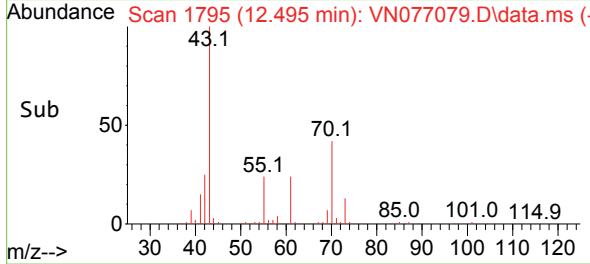
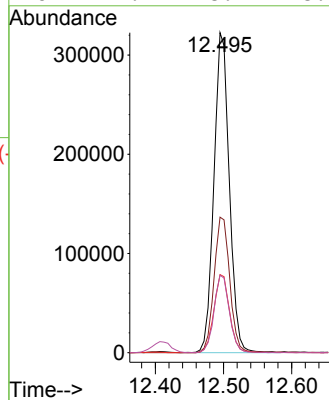
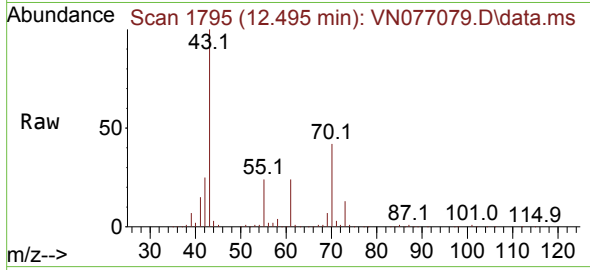




#74
N-amy1 acetate
Concen: 55.665 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

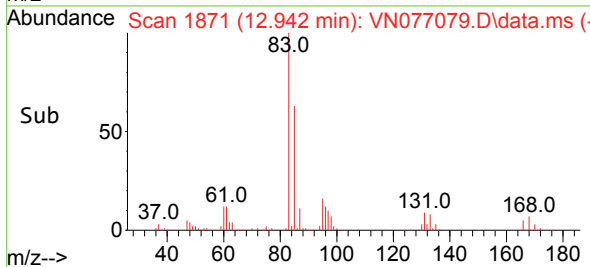
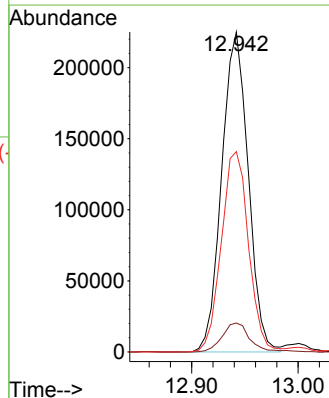
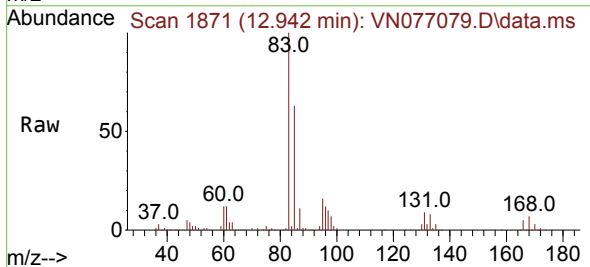
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

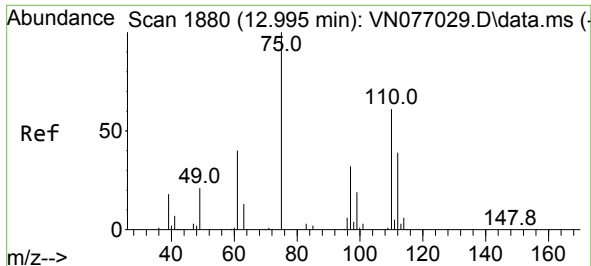
Tgt Ion:	43	Resp:	506874
Ion	Ratio	Lower	Upper
43	100		
70	43.2	33.6	50.4
55	25.0	20.3	30.5
61	24.2	18.9	28.3



#75
1,1,2,2-Tetrachloroethane
Concen: 51.039 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion:	83	Resp:	389003
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.5	13.7
85	64.1	31.9	95.9

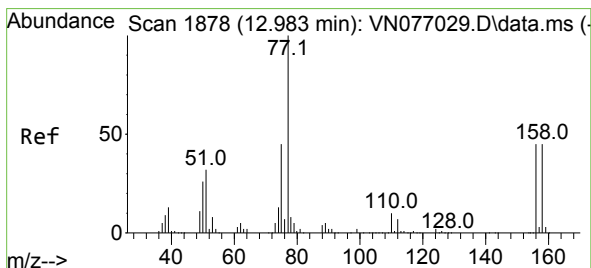
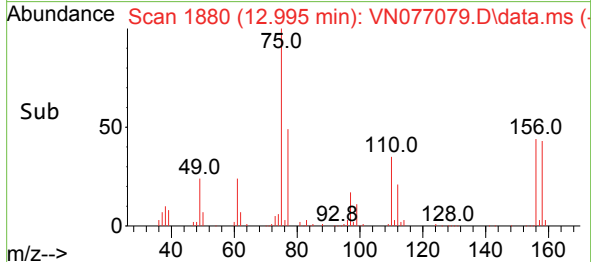
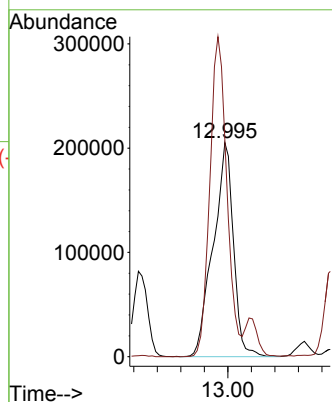
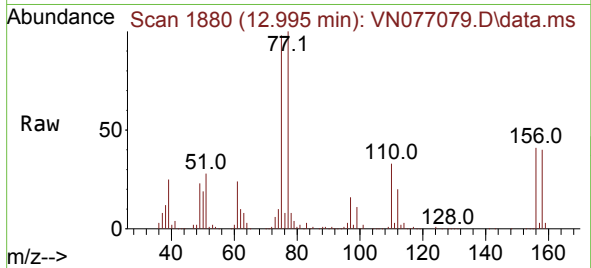




#76
1,2,3-Trichloropropane
Concen: 80.862 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

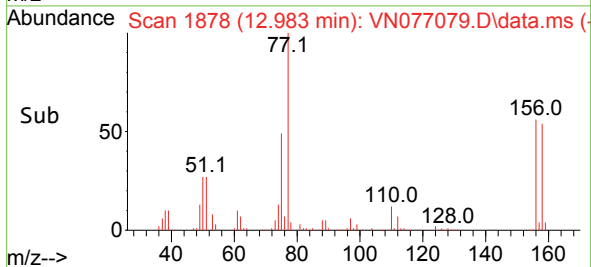
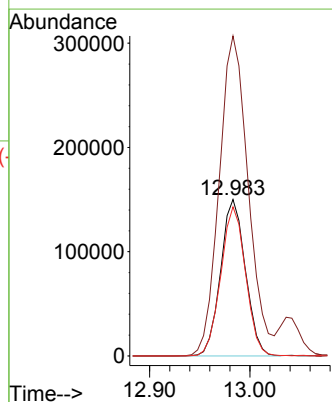
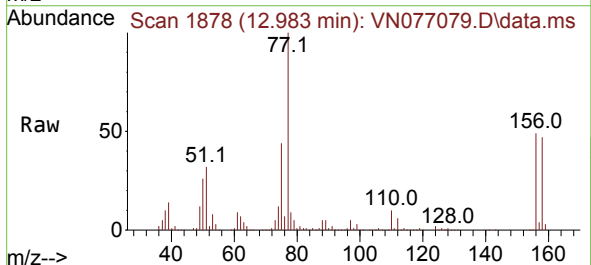
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

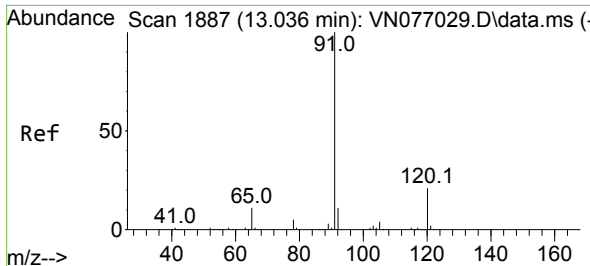
Tgt Ion: 75 Resp: 491007
Ion Ratio Lower Upper
75 100
77 126.0 107.3 322.0



#77
Bromobenzene
Concen: 54.585 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 156 Resp: 257243
Ion Ratio Lower Upper
156 100
77 240.4 124.8 374.3
158 95.3 48.6 145.9

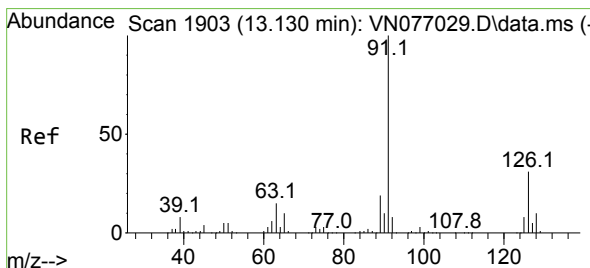
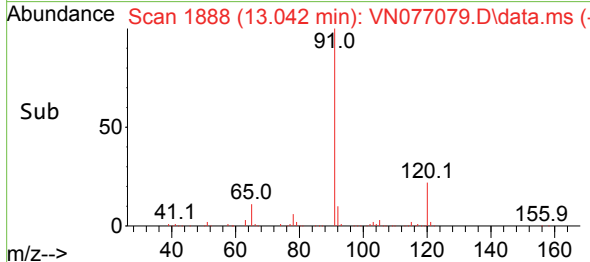
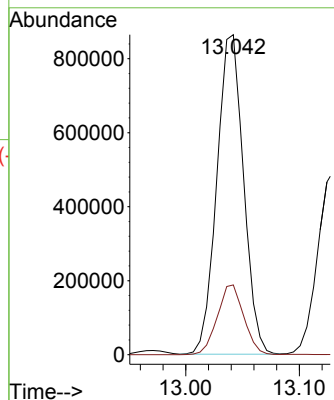
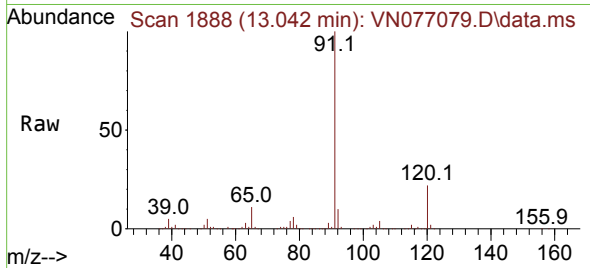




#78
n-propylbenzene
Concen: 58.093 ug/l
RT: 13.042 min Scan# 1887
Delta R.T. 0.006 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

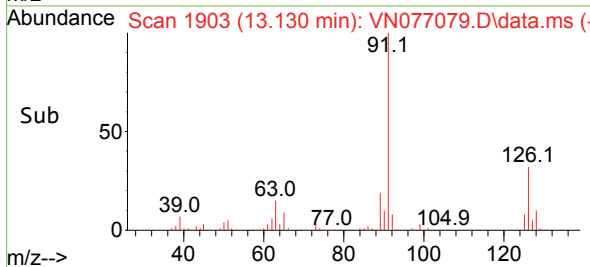
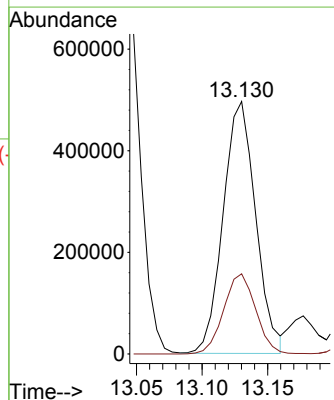
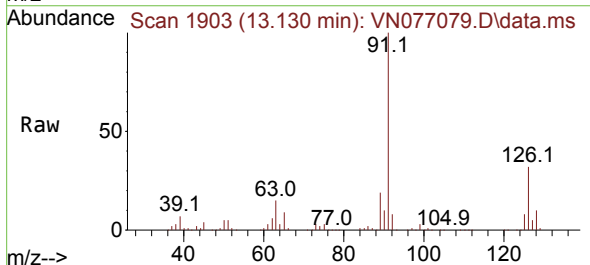
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

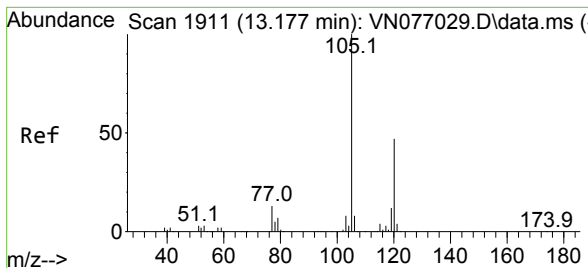
Tgt Ion: 91 Resp: 1410832
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.3



#79
2-Chlorotoluene
Concen: 55.386 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 91 Resp: 857090
Ion Ratio Lower Upper
91 100
126 31.3 15.2 45.5





#80

1,3,5-Trimethylbenzene

Concen: 58.643 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

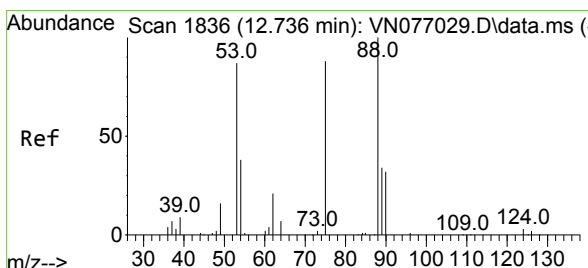
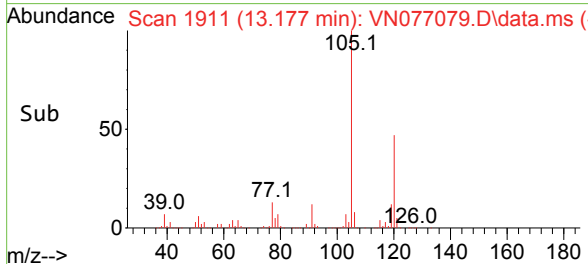
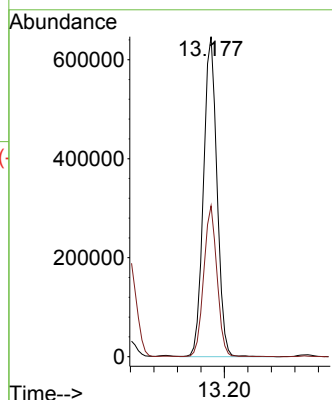
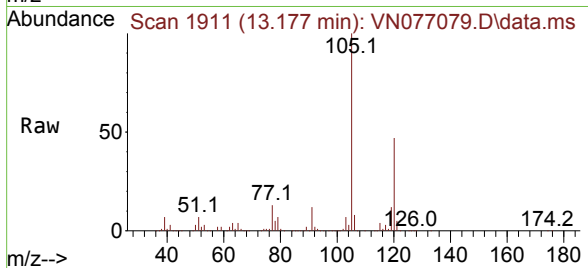
TT180D1-20230313MSD

Tgt Ion:105 Resp: 1030033

Ion Ratio Lower Upper

105 100

120 46.3 23.4 70.2



#81

trans-1,4-Dichloro-2-butene

Concen: 55.368 ug/l

RT: 12.742 min Scan# 1837

Delta R.T. 0.006 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

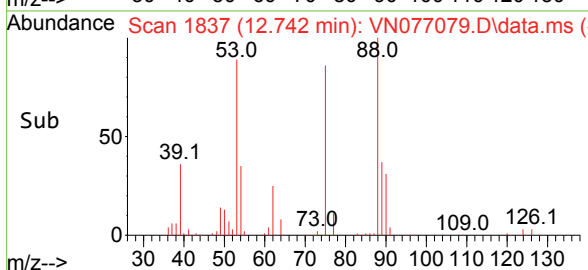
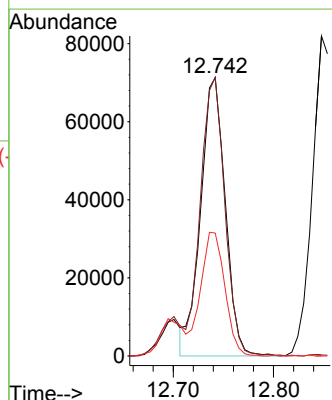
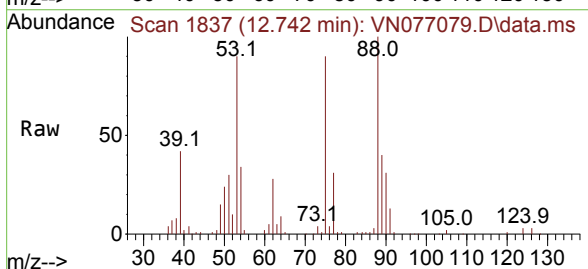
Tgt Ion: 75 Resp: 122142

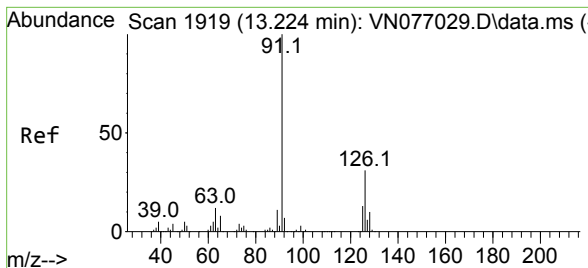
Ion Ratio Lower Upper

75 100

53 98.3 80.8 121.2

89 43.8 34.2 51.4





#82

4-Chlorotoluene

Concen: 56.743 ug/l

RT: 13.224 min Scan# 1919

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

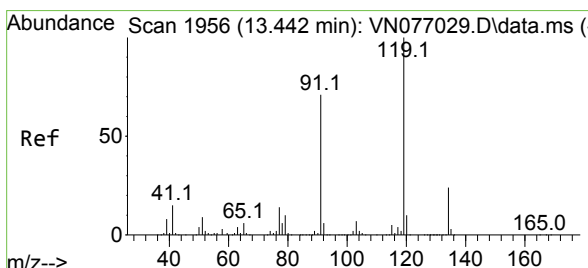
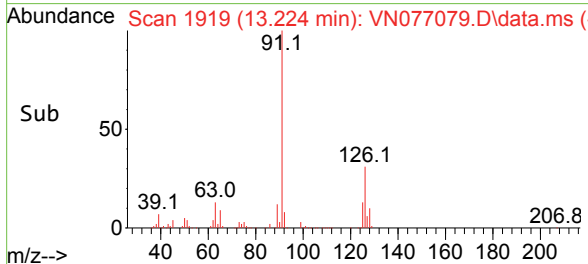
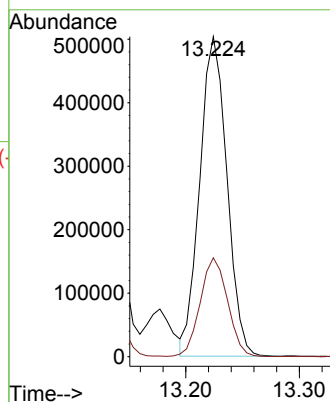
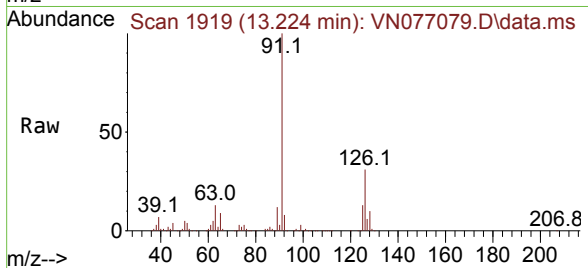
TT180D1-20230313MSD

Tgt Ion: 91 Resp: 834983

Ion Ratio Lower Upper

91 100

126 31.3 15.5 46.5



#83

tert-Butylbenzene

Concen: 57.425 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

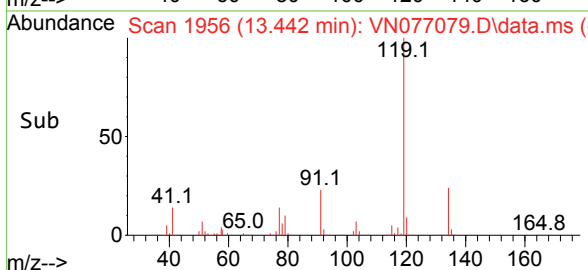
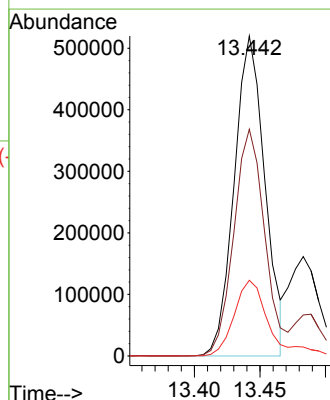
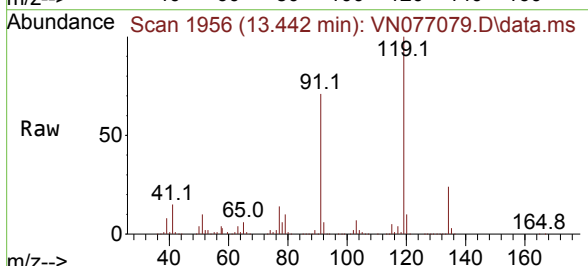
Tgt Ion: 119 Resp: 846864

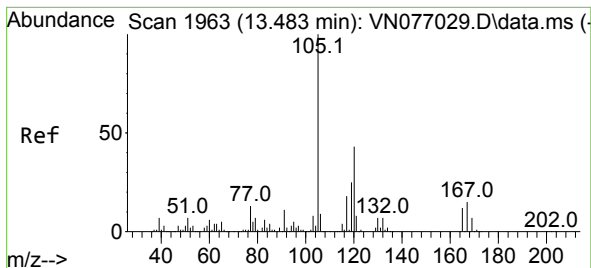
Ion Ratio Lower Upper

119 100

91 71.9 35.8 107.3

134 26.7 13.3 39.8





#84

1,2,4-Trimethylbenzene

Concen: 58.527 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

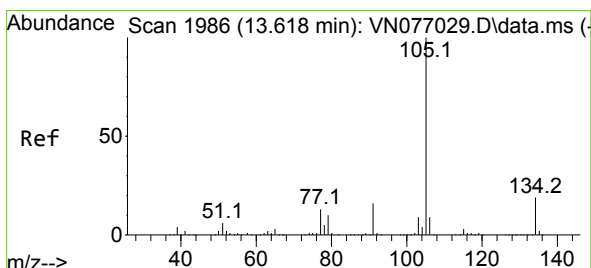
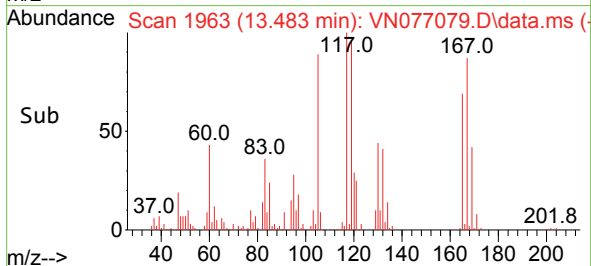
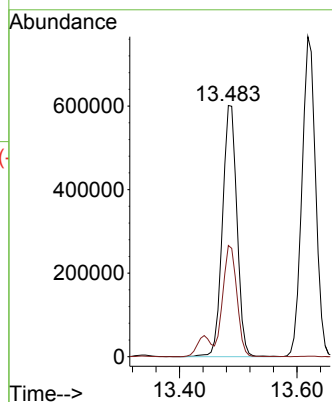
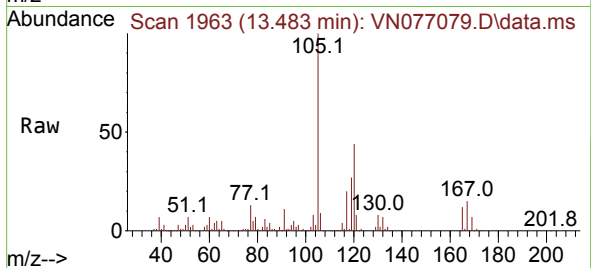
TT180D1-20230313MSD

Tgt Ion:105 Resp: 1025861

Ion Ratio Lower Upper

105 100

120 42.7 21.8 65.3



#85

sec-Butylbenzene

Concen: 58.867 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN077079.D

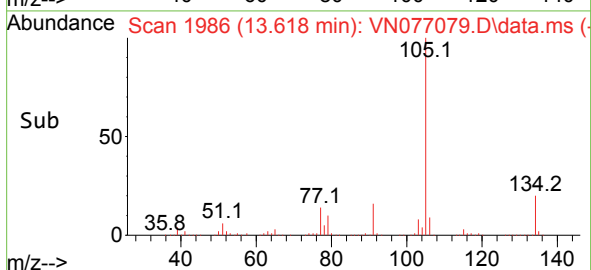
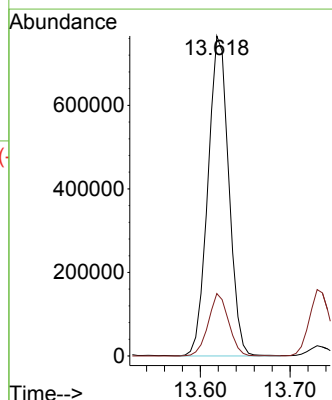
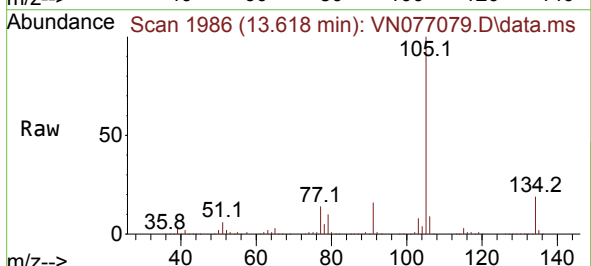
Acq: 20 Mar 2023 19:31

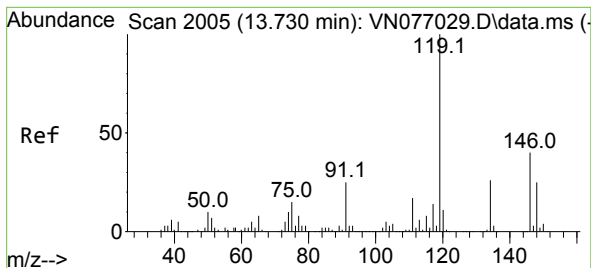
Tgt Ion:105 Resp: 1234907

Ion Ratio Lower Upper

105 100

134 19.1 9.3 27.9





#86

p-Isopropyltoluene

Concen: 59.368 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313MSD

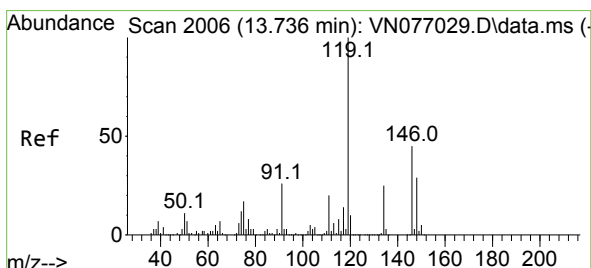
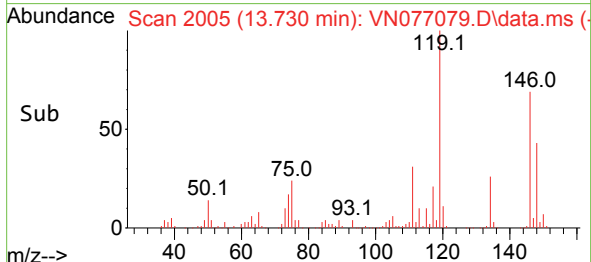
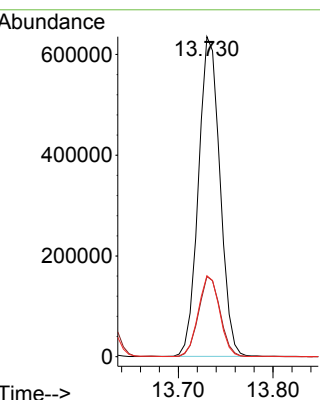
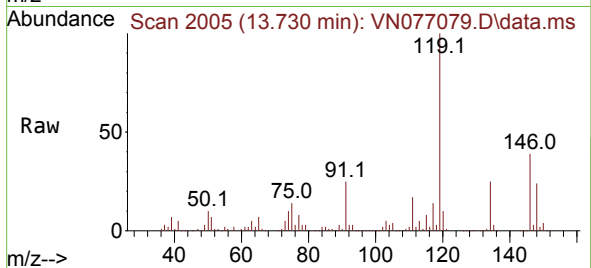
Tgt Ion:119 Resp: 1000138

Ion Ratio Lower Upper

119 100

134 25.1 12.8 38.4

91 25.1 12.7 38.1



#87

1,3-Dichlorobenzene

Concen: 53.577 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

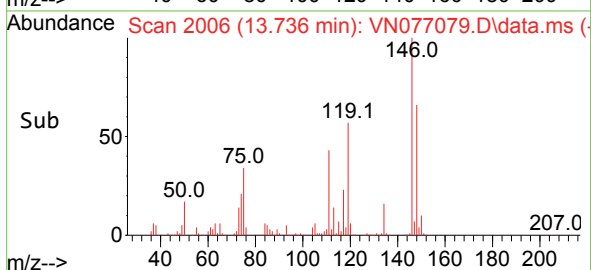
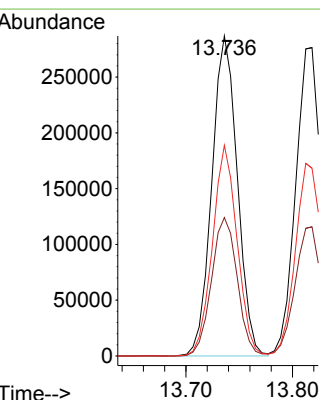
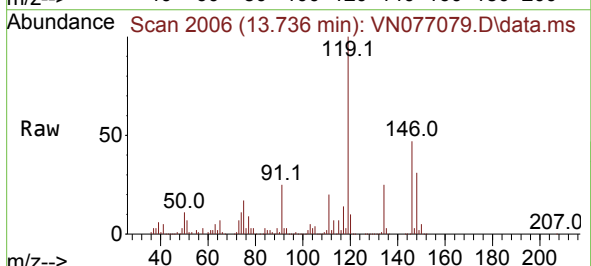
Tgt Ion:146 Resp: 477201

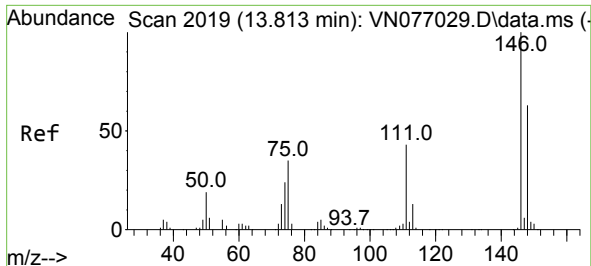
Ion Ratio Lower Upper

146 100

111 43.6 21.9 65.5

148 63.7 32.1 96.5

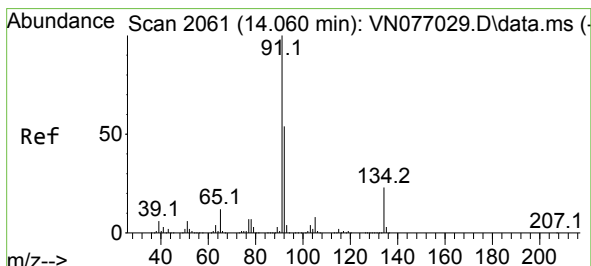
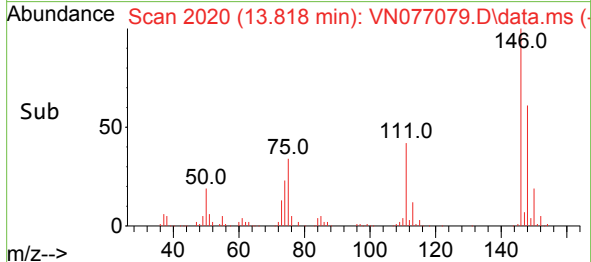
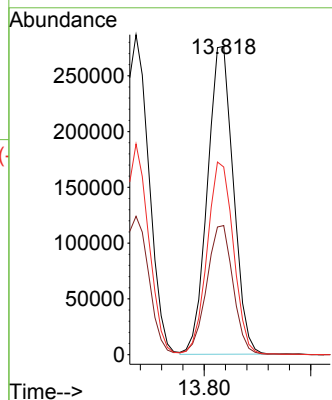
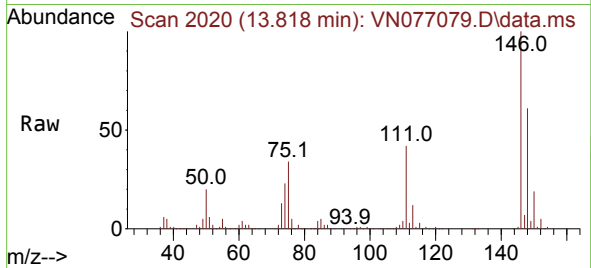




#88
1,4-Dichlorobenzene
Concen: 52.778 ug/l
RT: 13.818 min Scan# 2019
Delta R.T. 0.005 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

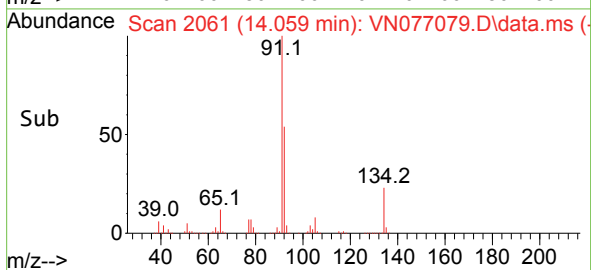
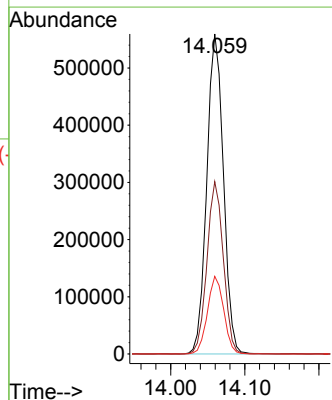
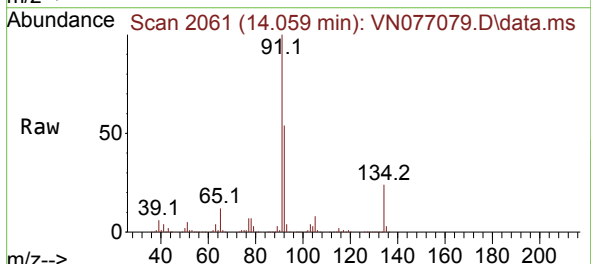
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

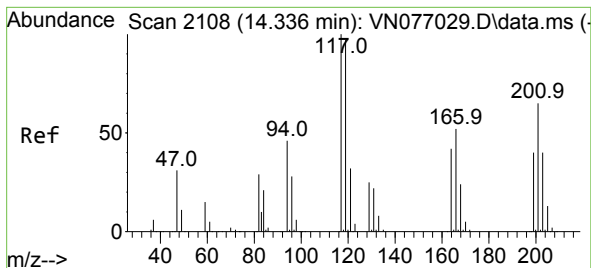
Tgt Ion:146 Resp: 467704
Ion Ratio Lower Upper
146 100
111 43.2 21.5 64.5
148 63.6 31.9 95.9



#89
n-Butylbenzene
Concen: 59.029 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 91 Resp: 872389
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 23.8 11.7 35.1





#90

Hexachloroethane

Concen: 53.870 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

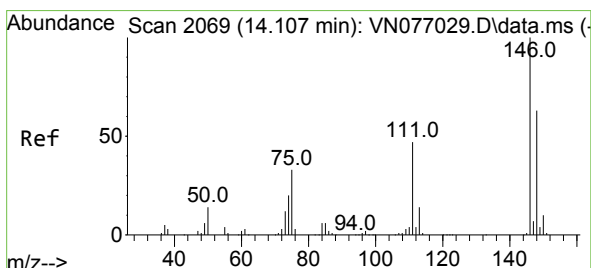
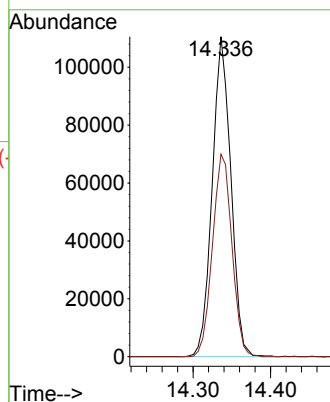
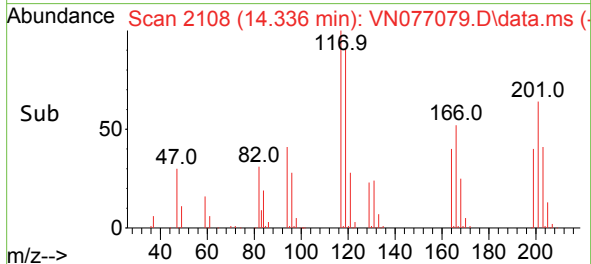
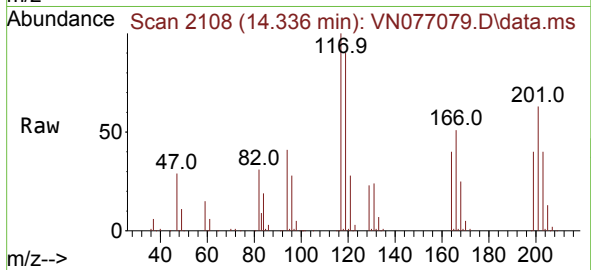
TT180D1-20230313MSD

Tgt Ion:117 Resp: 184511

Ion Ratio Lower Upper

117 100

201 66.0 32.5 97.4



#91

1,2-Dichlorobenzene

Concen: 53.500 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

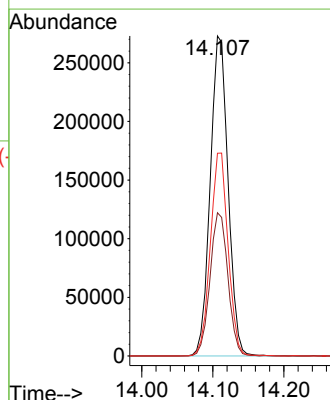
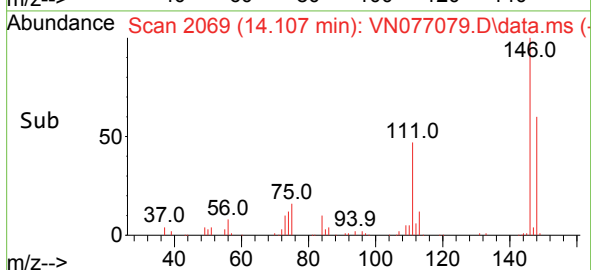
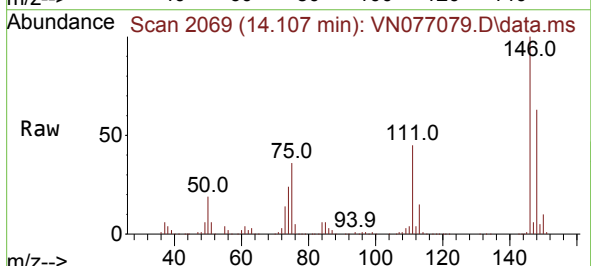
Tgt Ion:146 Resp: 474987

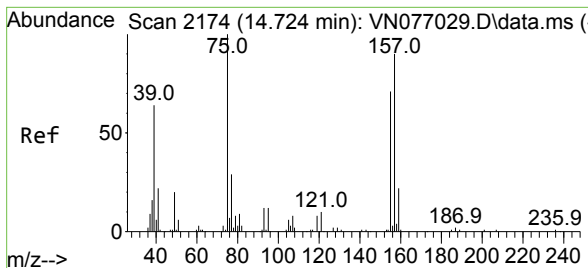
Ion Ratio Lower Upper

146 100

111 45.0 22.6 67.7

148 63.2 31.6 95.0

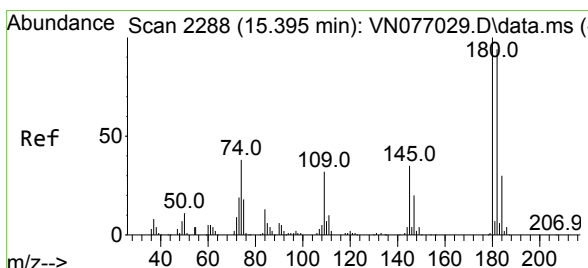
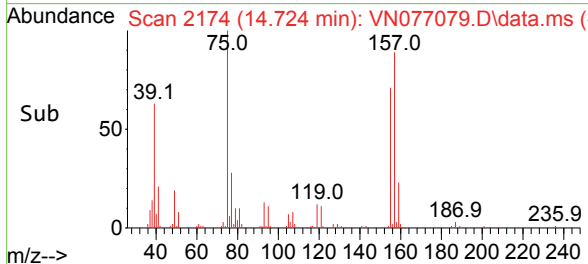
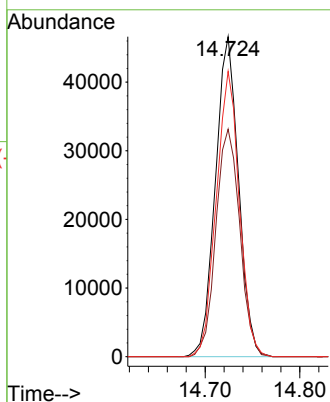
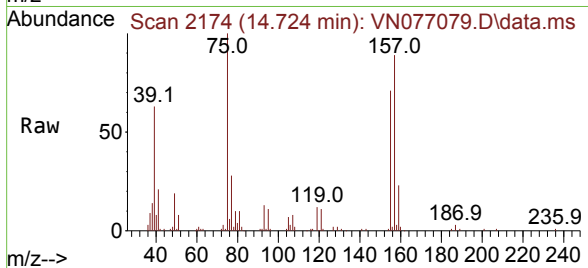




#92
1,2-Dibromo-3-Chloropropane
Concen: 56.063 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

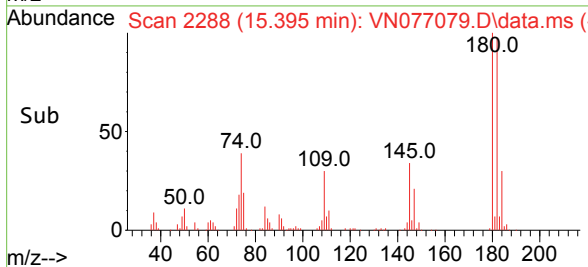
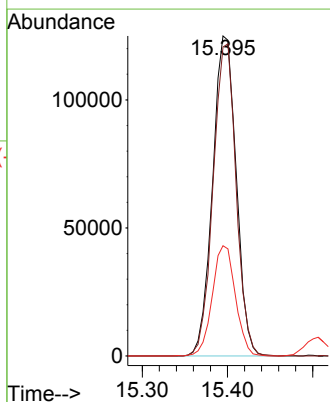
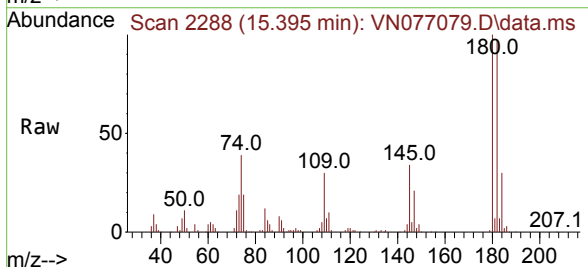
Instrument :
MSVOA_N
ClientSampleId :
TT180D1-20230313MSD

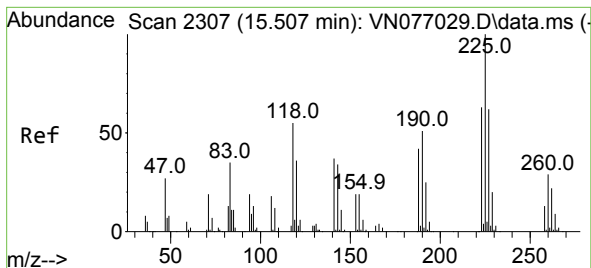
Tgt Ion: 75 Resp: 79177
Ion Ratio Lower Upper
75 100
155 73.6 36.1 108.3
157 88.9 45.8 137.3



#93
1,2,4-Trichlorobenzene
Concen: 60.042 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN077079.D
Acq: 20 Mar 2023 19:31

Tgt Ion: 180 Resp: 240978
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 33.8 16.9 50.7





#94

Hexachlorobutadiene

Concen: 52.352 ug/l

RT: 15.506 min Scan# 21

Delta R.T. -0.001 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

Instrument :

MSVOA_N

ClientSampleId :

TT180D1-20230313MSD

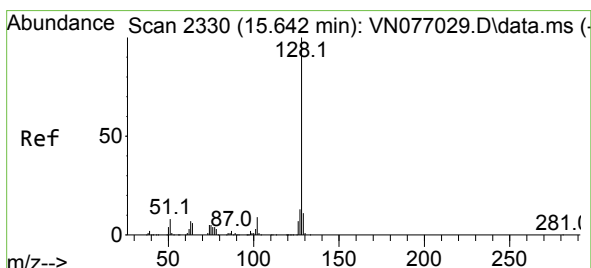
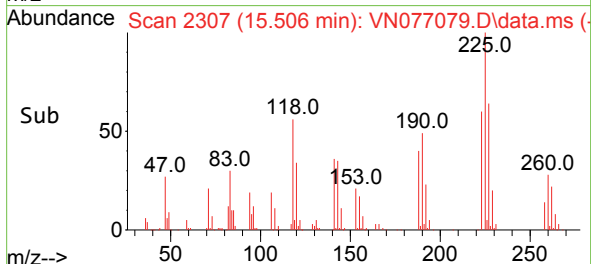
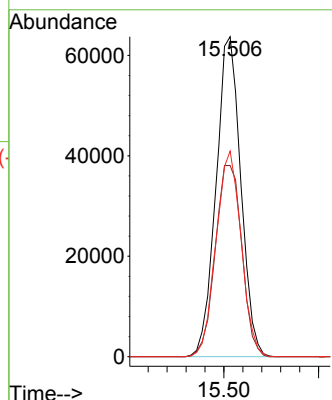
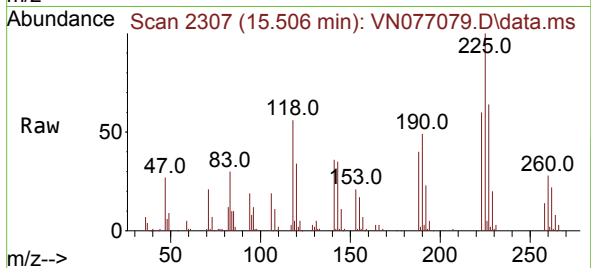
Tgt Ion:225 Resp: 115714

Ion Ratio Lower Upper

225 100

223 64.1 31.6 95.0

227 65.1 31.3 93.8



#95

Naphthalene

Concen: 53.729 ug/l

RT: 15.648 min Scan# 2331

Delta R.T. 0.006 min

Lab File: VN077079.D

Acq: 20 Mar 2023 19:31

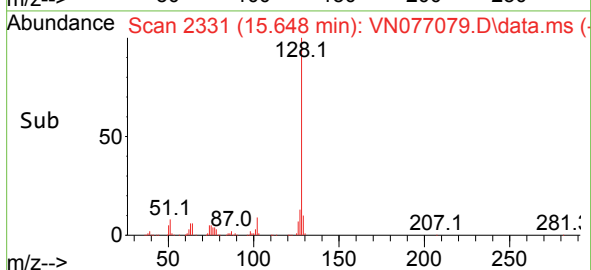
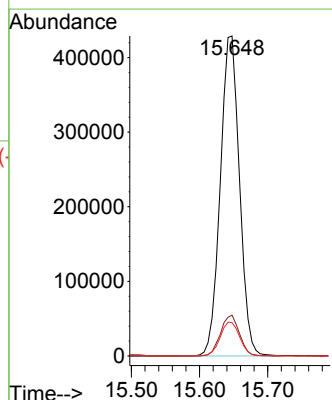
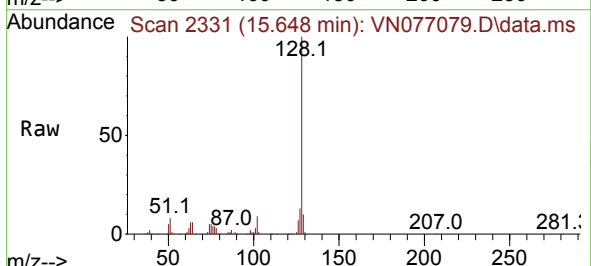
Tgt Ion:128 Resp: 840318

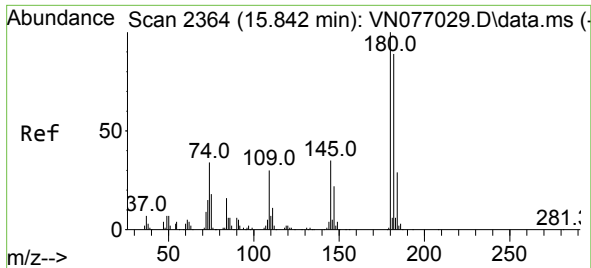
Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

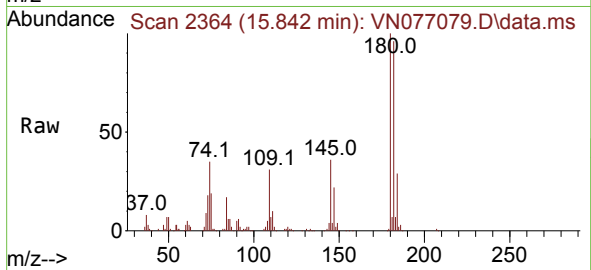
129 10.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 59.625 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077079.D
 Acq: 20 Mar 2023 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D1-20230313MSD



Tgt Ion:	180	Resp:	240120
Ion Ratio	Lower	Upper	
180	100		
182	93.3	47.4	142.2
145	35.5	17.9	53.8

