

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077258.D
 Acq On : 05 Apr 2023 12:28
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 06 09:25:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	564174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1083455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	997321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	449761	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	370159	48.005	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.020%
35) Dibromofluoromethane	8.172	113	329960	47.572	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.140%
50) Toluene-d8	10.572	98	1364172	48.857	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.720%
62) 4-Bromofluorobenzene	12.848	95	464283	49.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.137	85	352122	48.900	ug/l	100
3) Chloromethane	2.372	50	406568	45.561	ug/l	100
4) Vinyl Chloride	2.519	62	594356	49.125	ug/l	100
5) Bromomethane	2.949	94	400048	45.609	ug/l	100
6) Chloroethane	3.125	64	399529	46.272	ug/l	100
7) Trichlorofluoromethane	3.501	101	511245	48.733	ug/l	100
8) Diethyl Ether	3.972	74	215200	48.952	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.378	101	300507	46.806	ug/l	100
10) Methyl Iodide	4.601	142	405244	51.900	ug/l	100
11) Tert butyl alcohol	5.537	59	393208	249.912	ug/l	100
12) 1,1-Dichloroethene	4.348	96	310458	46.975	ug/l	100
13) Acrolein	4.184	56	333898	224.070	ug/l	100
14) Allyl chloride	5.031	41	460402	46.125	ug/l	100
15) Acrylonitrile	5.731	53	885919	254.693	ug/l	100
16) Acetone	4.437	43	682378	240.021	ug/l	100
17) Carbon Disulfide	4.725	76	878995	49.322	ug/l	100
18) Methyl Acetate	5.037	43	544561	50.293	ug/l	100
19) Methyl tert-butyl Ether	5.801	73	1177493	50.212	ug/l	100
20) Methylene Chloride	5.290	84	371907	46.320	ug/l	100
21) trans-1,2-Dichloroethene	5.795	96	357784	49.444	ug/l	100
22) Diisopropyl ether	6.684	45	1011888	50.565	ug/l	100
23) Vinyl Acetate	6.613	43	3588557	265.214	ug/l	100
24) 1,1-Dichloroethane	6.578	63	645744	49.971	ug/l	100
25) 2-Butanone	7.489	43	1135185	246.026	ug/l	100
26) 2,2-Dichloropropane	7.495	77	585893	49.444	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	431130	48.789	ug/l	100
28) Bromochloromethane	7.819	49	222351	42.775	ug/l	100
29) Tetrahydrofuran	7.842	42	751920	253.508	ug/l	100
30) Chloroform	7.972	83	682972	49.561	ug/l	100
31) Cyclohexane	8.260	56	549093	45.828	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	613007	48.912	ug/l	100
36) 1,1-Dichloropropene	8.378	75	517374	50.435	ug/l	100
37) Ethyl Acetate	7.566	43	464287	50.586	ug/l	100
38) Carbon Tetrachloride	8.366	117	524382	49.894	ug/l	100
39) Methylcyclohexane	9.607	83	681348	49.257	ug/l	100
40) Benzene	8.613	78	1609860	50.313	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	248745	50.420	ug/l	100
42) 1,2-Dichloroethane	8.678	62	500258	50.799	ug/l	100
43) Isopropyl Acetate	8.695	43	838810	49.528	ug/l	100
44) Trichloroethene	9.354	130	386388	50.469	ug/l	100
45) 1,2-Dichloropropane	9.625	63	383818	50.508	ug/l	100
46) Dibromomethane	9.713	93	284603	49.708	ug/l	100
47) Bromodichloromethane	9.889	83	556028	48.588	ug/l	100
48) Methyl methacrylate	9.683	41	363716	50.343	ug/l	100
49) 1,4-Dioxane	9.695	88	172012	982.030	ug/l	100
51) 4-Methyl-2-Pentanone	10.448	43	2556146	261.115	ug/l	100
52) Toluene	10.636	92	1073899	51.276	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	653251	52.568	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	680490	51.410	ug/l	100
55) 1,1,2-Trichloroethane	11.019	97	413553	50.303	ug/l	100
56) Ethyl methacrylate	10.877	69	665670	51.985	ug/l	100
57) 1,3-Dichloropropane	11.166	76	692177	50.962	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	1021482	267.976	ug/l	100
59) 2-Hexanone	11.195	43	1889871	259.132	ug/l	100
60) Dibromochloromethane	11.360	129	448328	52.949	ug/l	100
61) 1,2-Dibromoethane	11.472	107	425361	51.837	ug/l	100
64) Tetrachloroethene	11.107	164	307146	49.853	ug/l	100
65) Chlorobenzene	11.895	112	1120095	51.013	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	412475	49.648	ug/l	100
67) Ethyl Benzene	11.966	91	2070921	51.111	ug/l	100
68) m/p-Xylenes	12.077	106	1648269	103.532	ug/l	100
69) o-Xylene	12.401	106	818516	52.115	ug/l	100
70) Styrene	12.413	104	1345415	53.233	ug/l	100
71) Bromoform	12.583	173	312787	53.484	ug/l #	100
73) Isopropylbenzene	12.701	105	2085753	47.745	ug/l	100
74) N-amyl acetate	12.495	43	777353	46.955	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.942	83	639922	46.678	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	823146	76.858	ug/l	58
77) Bromobenzene	12.983	156	421736	47.479	ug/l	100
78) n-propylbenzene	13.042	91	2374194	49.187	ug/l	100
79) 2-Chlorotoluene	13.130	91	1387848	47.751	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1768759	50.693	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	255887	53.766	ug/l	91
82) 4-Chlorotoluene	13.224	91	1352444	49.354	ug/l	100
83) tert-Butylbenzene	13.442	119	1484120	47.787	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1763159	51.150	ug/l	100
85) sec-Butylbenzene	13.618	105	2155310	49.796	ug/l	100
86) p-Isopropyltoluene	13.730	119	1774520	52.167	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	828598	50.422	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	816308	50.372	ug/l	100
89) n-Butylbenzene	14.060	91	1500389	53.132	ug/l	100
90) Hexachloroethane	14.336	117	355347	47.777	ug/l	100
91) 1,2-Dichlorobenzene	14.113	146	820521	49.911	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	127664	49.137	ug/l	100
93) 1,2,4-Trichlorobenzene	15.371	180	366100	61.690	ug/l	100
94) Hexachlorobutadiene	15.465	225	162382	47.270	ug/l	100
95) Naphthalene	15.589	128	1414264	63.439	ug/l	100
96) 1,2,3-Trichlorobenzene	15.754	180	348127	61.329	ug/l	100

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QLast Update : Thu Apr 06 08:27:03 2023
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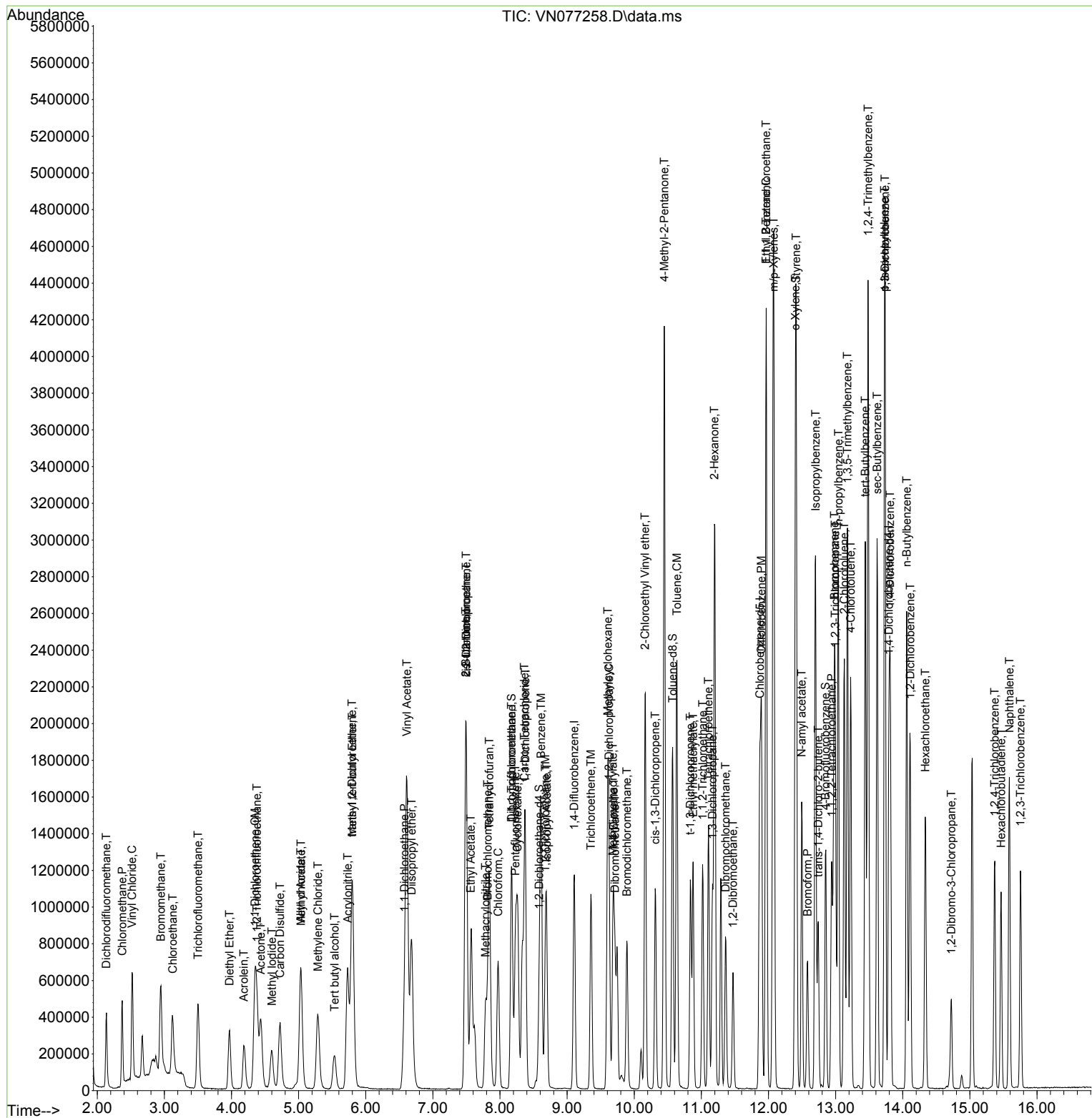
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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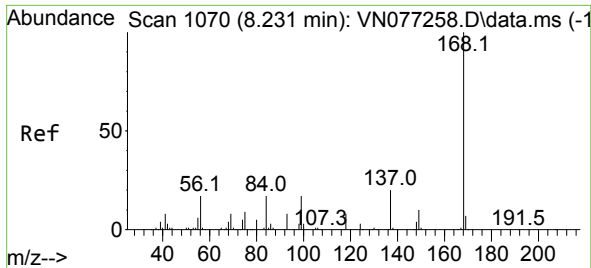
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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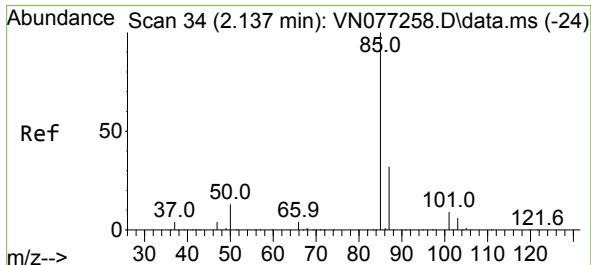
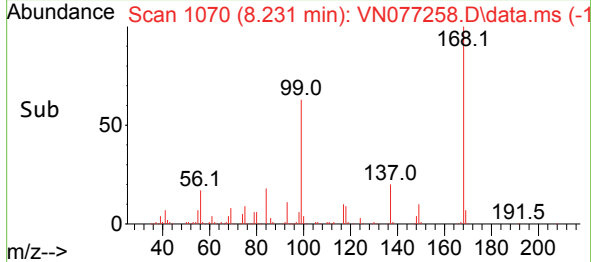
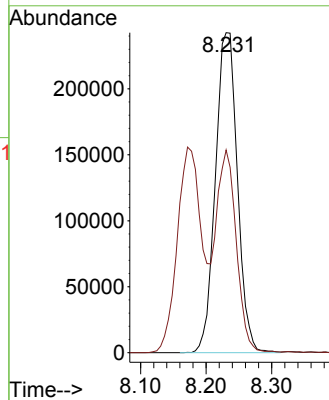
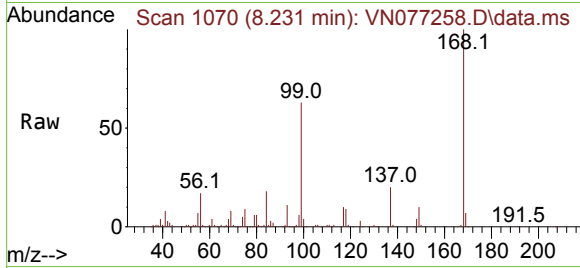




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
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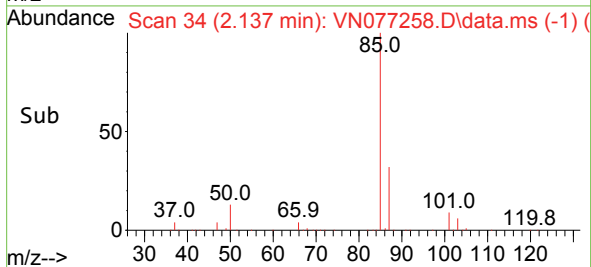
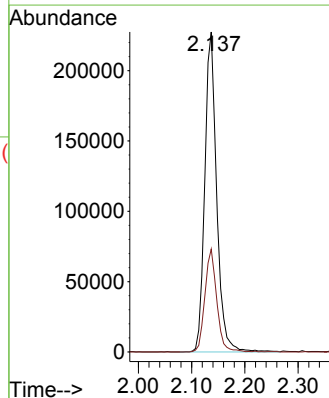
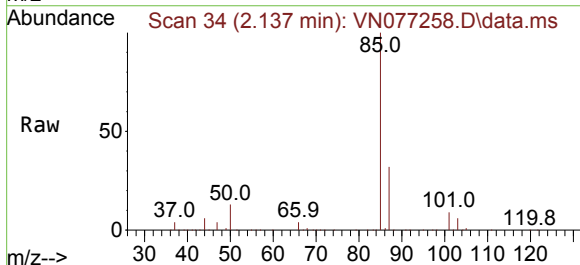
Instrument :
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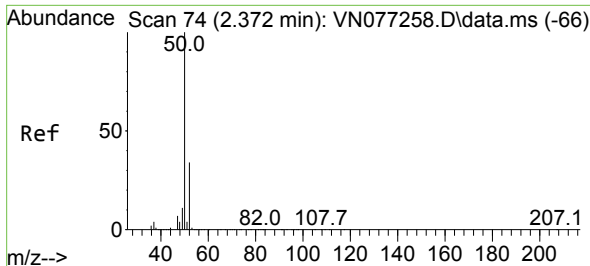
Tgt Ion:168 Resp: 564174
Ion Ratio Lower Upper
168 100
99 63.2 50.6 75.8



#2
Dichlorodifluoromethane
Concen: 48.900 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 85 Resp: 352122
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

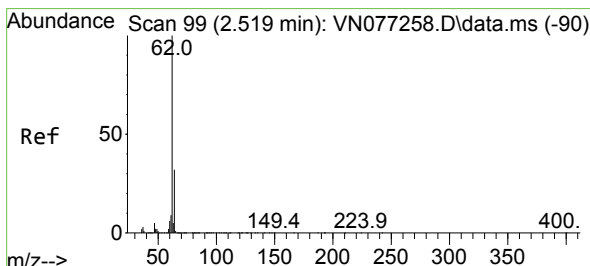
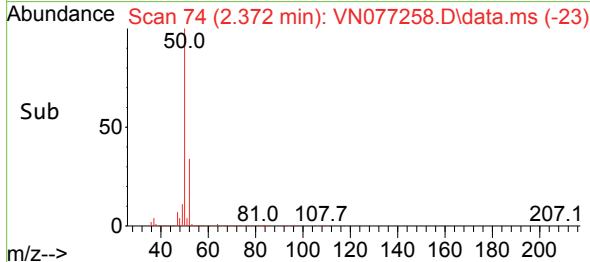
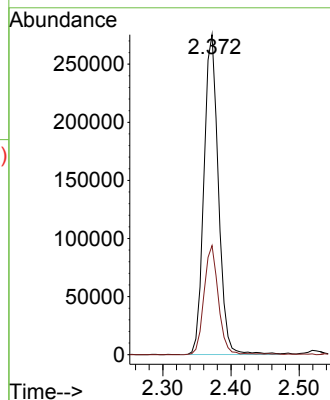
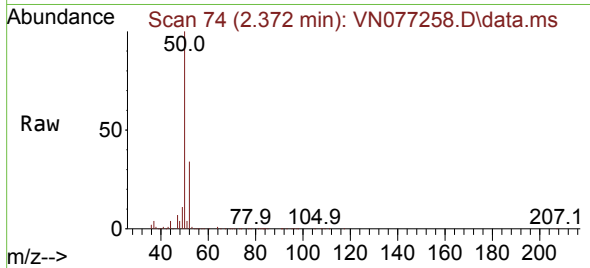




#3
Chloromethane
Concen: 45.561 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

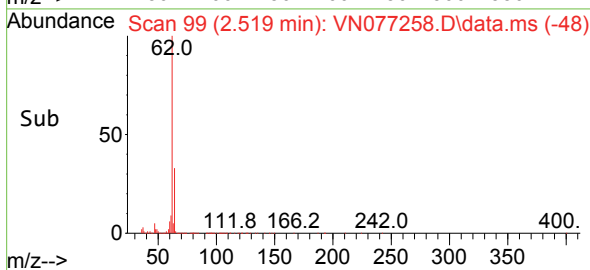
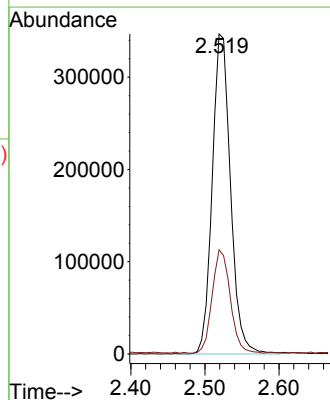
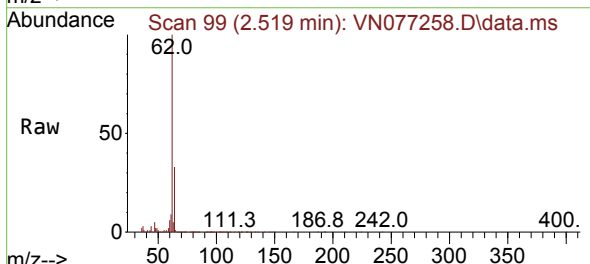
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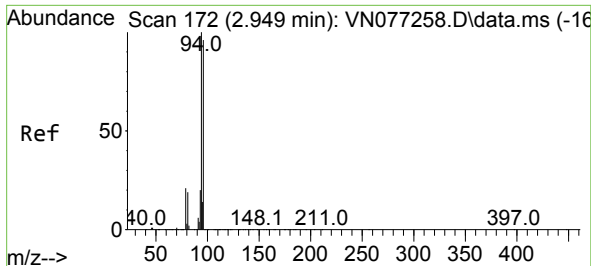
Tgt Ion: 50 Resp: 406568
Ion Ratio Lower Upper
50 100
52 34.1 27.3 40.9



#4
Vinyl Chloride
Concen: 49.125 ug/l
RT: 2.519 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 62 Resp: 594356
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.8

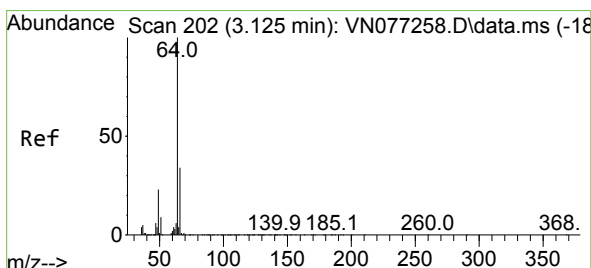
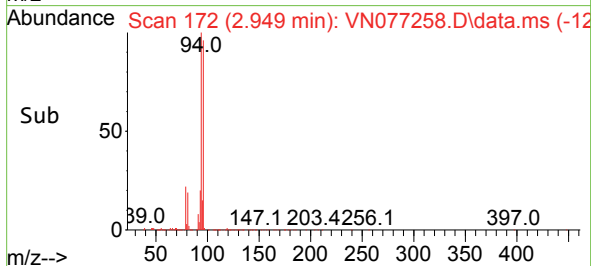
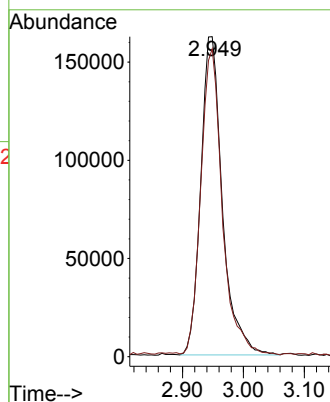
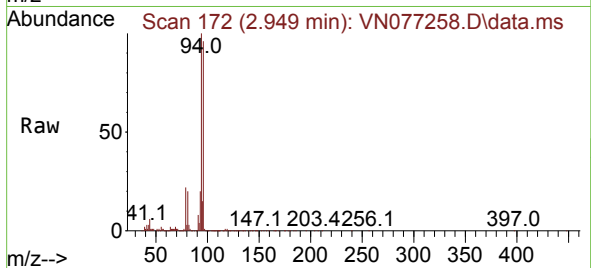




#5
Bromomethane
Concen: 45.609 ug/l
RT: 2.949 min Scan# 172
Delta R.T. -0.000 min
Lab File: VN077258.D
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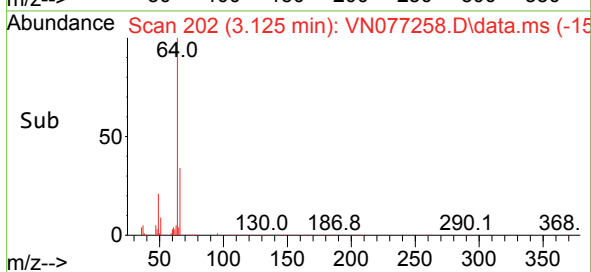
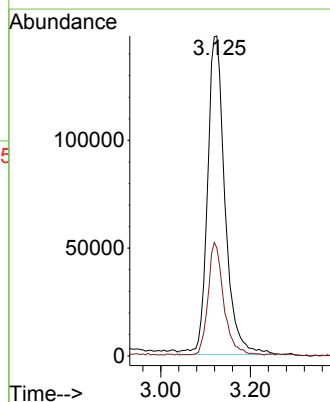
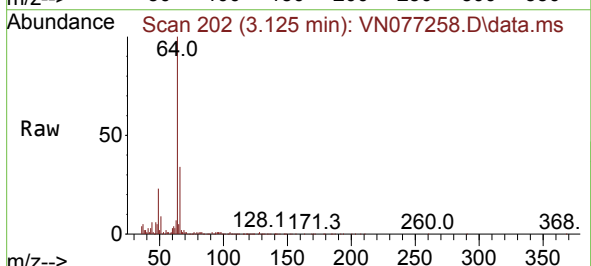
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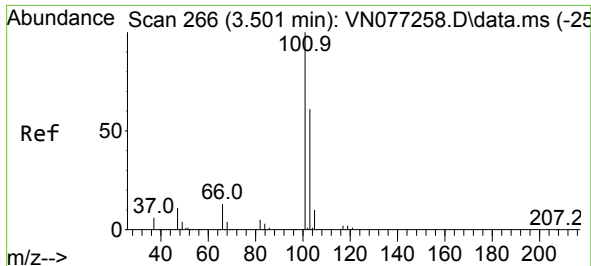
Tgt Ion: 94 Resp: 400048
Ion Ratio Lower Upper
94 100
96 96.2 77.0 115.4



#6
Chloroethane
Concen: 46.272 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 399529
Ion Ratio Lower Upper
64 100
66 33.6 26.9 40.3

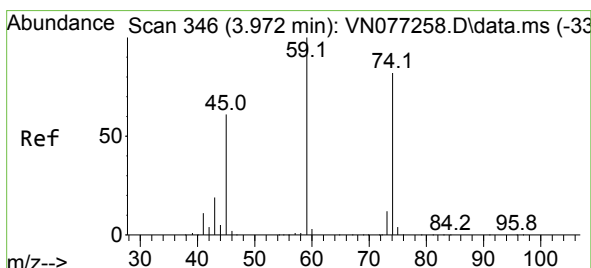
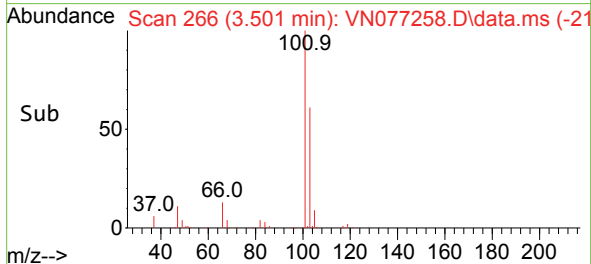
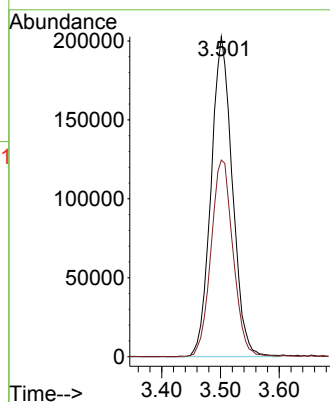
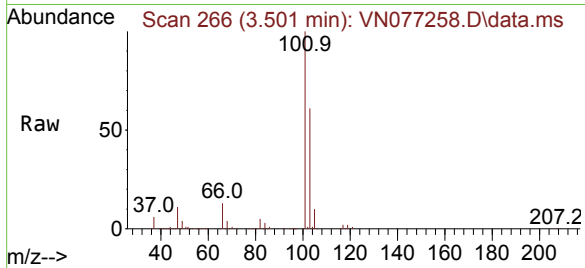




#7
 Trichlorofluoromethane
 Concen: 48.733 ug/l
 RT: 3.501 min Scan# 266
 Delta R.T. 0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

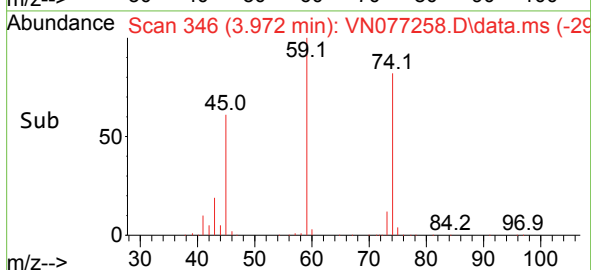
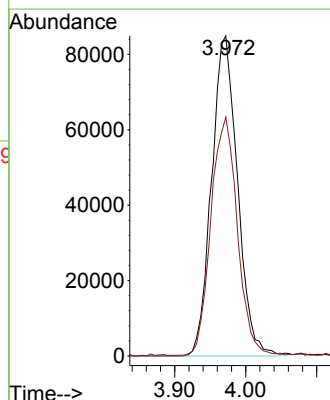
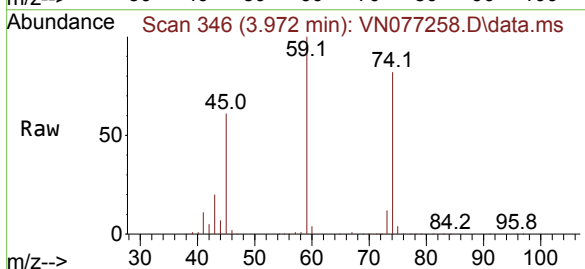
Instrument :
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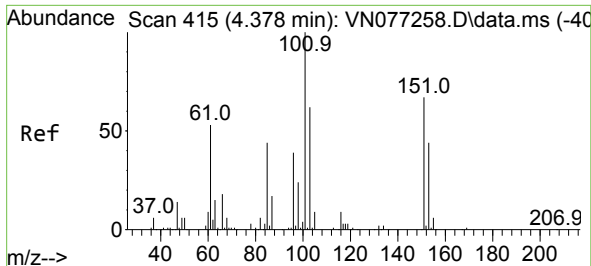
Tgt Ion:101 Resp: 511245
 Ion Ratio Lower Upper
 101 100
 103 61.2 49.0 73.4



#8
 Diethyl Ether
 Concen: 48.952 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

Tgt Ion: 74 Resp: 215200
 Ion Ratio Lower Upper
 74 100
 45 75.6 37.8 113.4

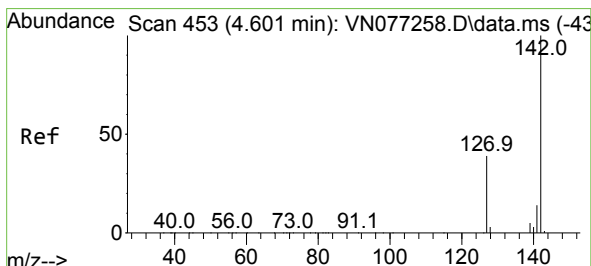
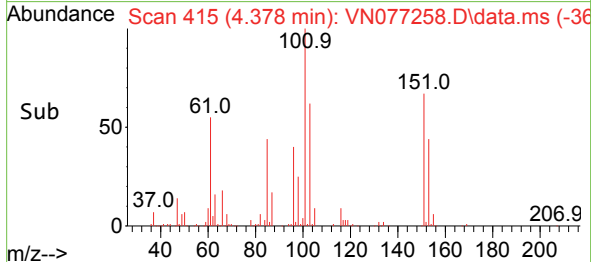
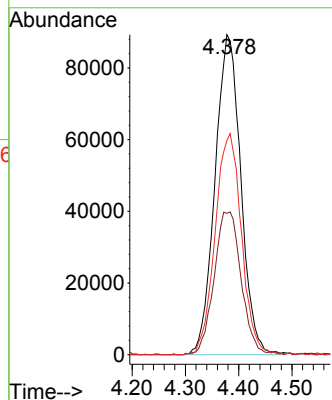
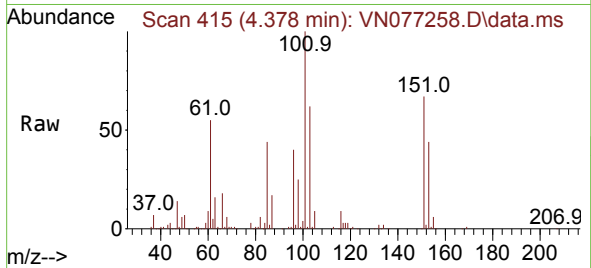




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.806 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

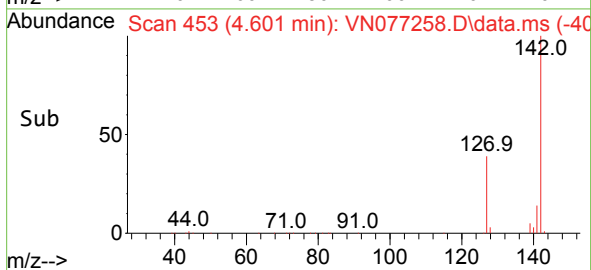
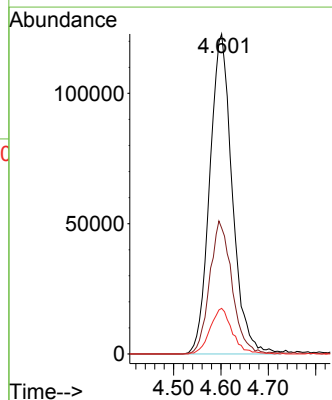
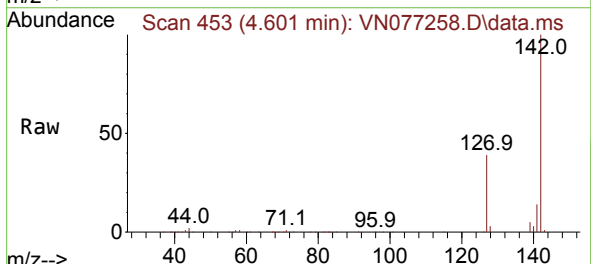
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

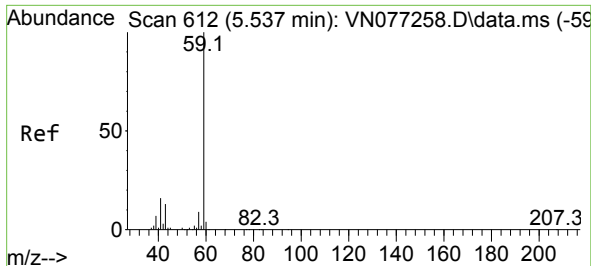
Tgt Ion:101 Resp: 300507
Ion Ratio Lower Upper
101 100
85 46.6 37.3 55.9
151 70.4 56.3 84.5



#10
Methyl Iodide
Concen: 51.900 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion:142 Resp: 405244
Ion Ratio Lower Upper
142 100
127 39.4 31.5 47.3
141 14.3 11.4 17.2

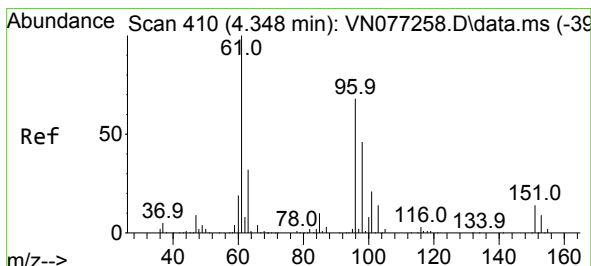
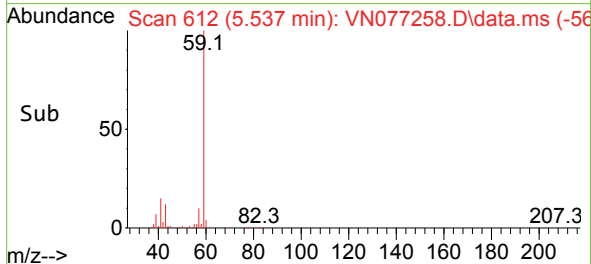
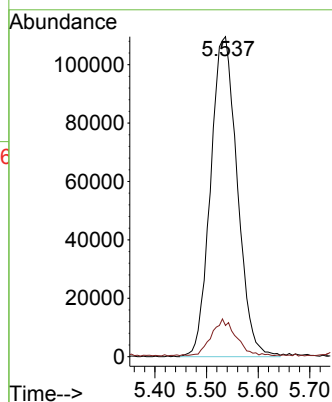
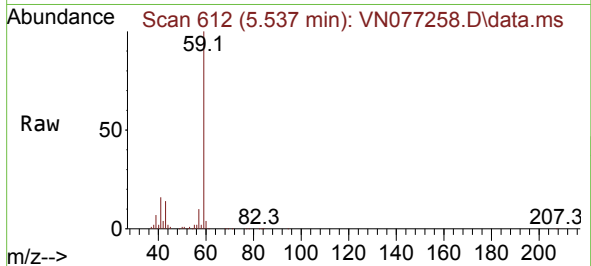




#11
Tert butyl alcohol
Concen: 249.912 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

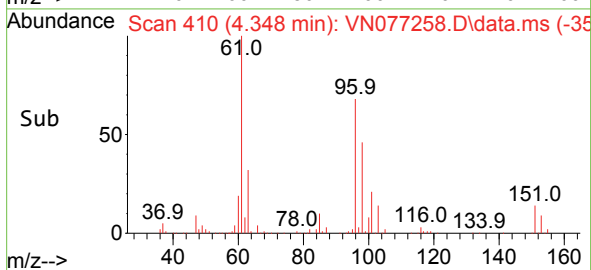
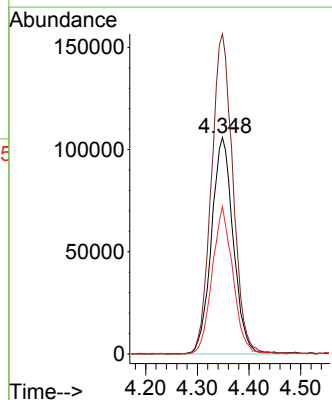
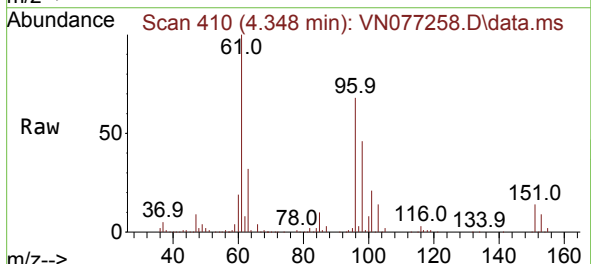
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

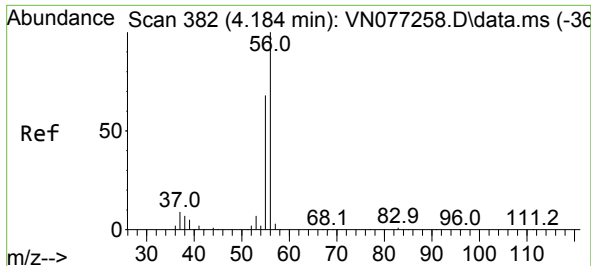
Tgt Ion: 59 Resp: 393208
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 46.975 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 96 Resp: 310458
Ion Ratio Lower Upper
96 100
61 147.9 118.3 177.5
98 68.1 54.5 81.7

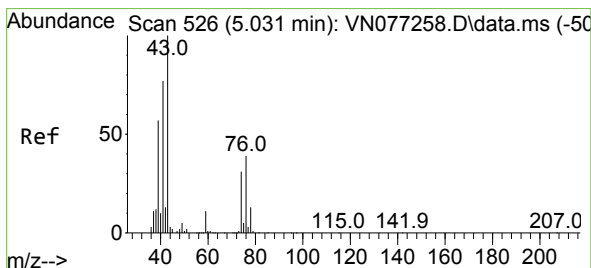
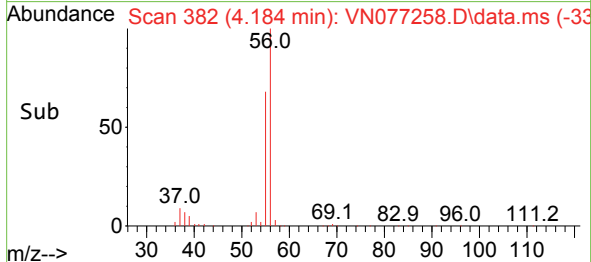
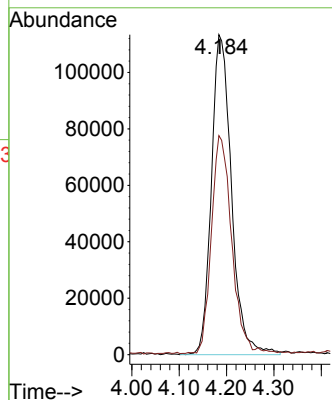
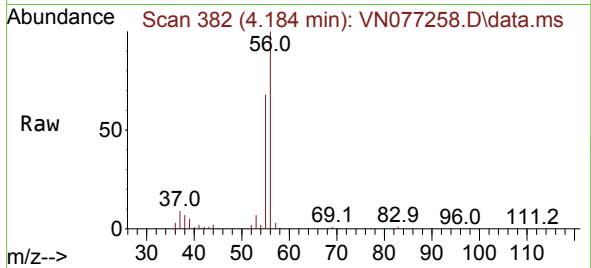




#13
Acrolein
Concen: 224.070 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

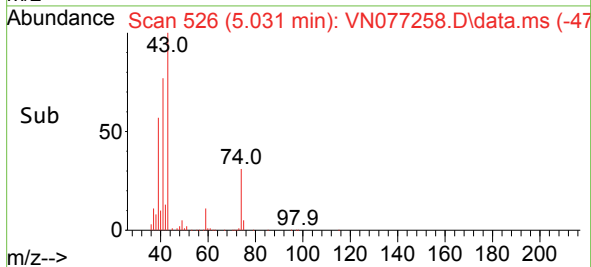
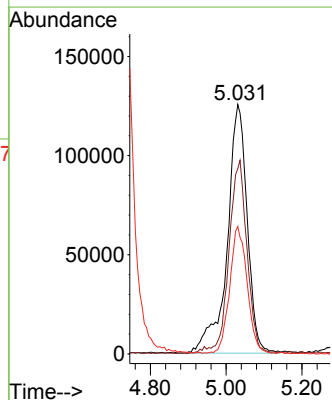
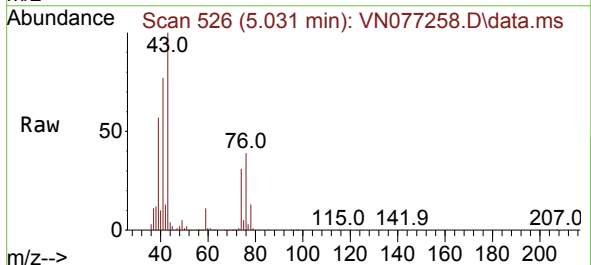
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

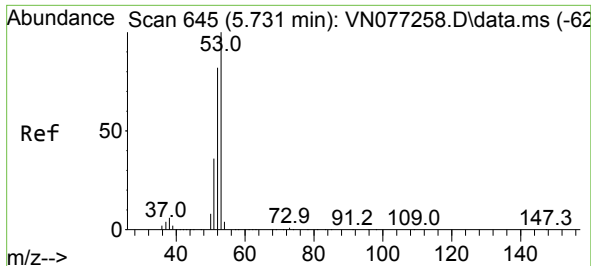
Tgt Ion: 56 Resp: 333898
Ion Ratio Lower Upper
56 100
55 67.7 54.2 81.2



#14
Allyl chloride
Concen: 46.125 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 41 Resp: 460402
Ion Ratio Lower Upper
41 100
39 68.7 55.0 82.4
76 44.3 35.4 53.2

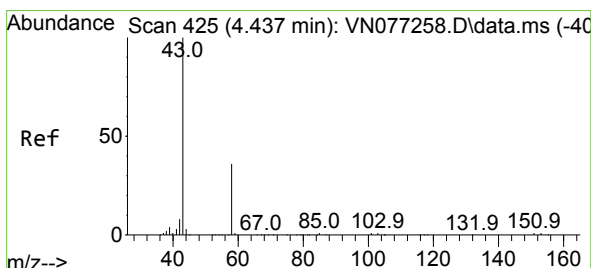
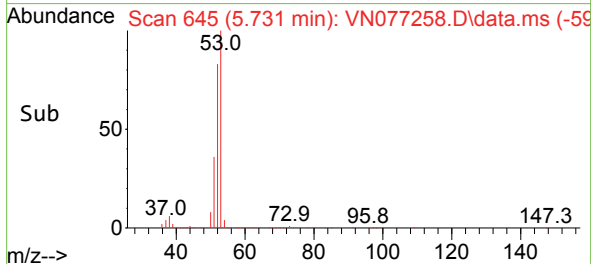
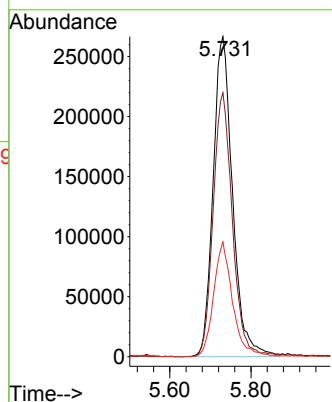
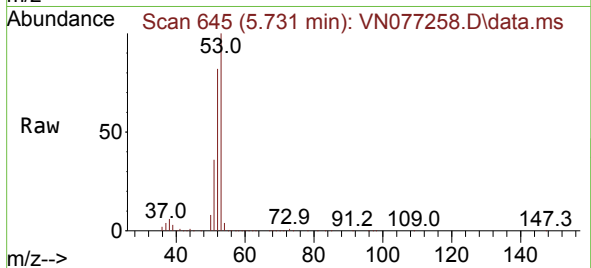




#15
Acrylonitrile
Concen: 254.693 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

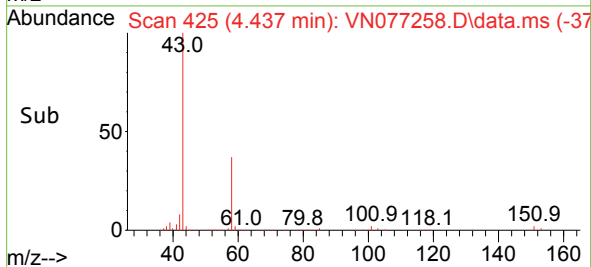
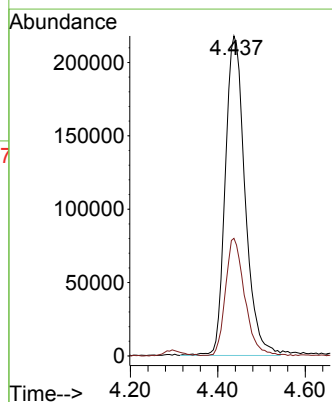
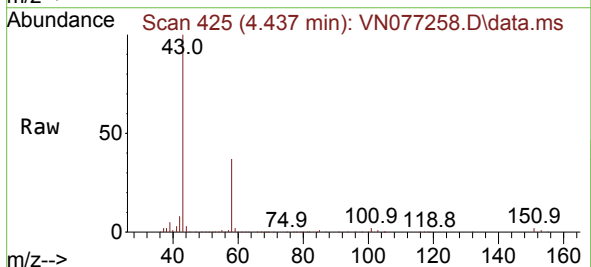
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

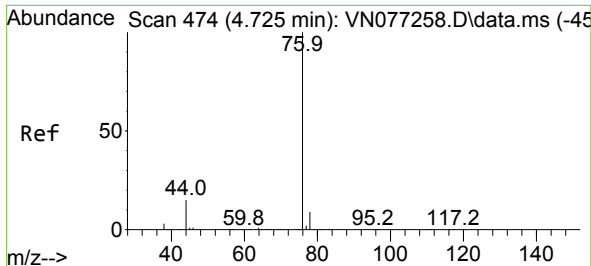
Tgt Ion: 53 Resp: 885919
Ion Ratio Lower Upper
53 100
52 81.5 65.2 97.8
51 35.1 28.1 42.1



#16
Acetone
Concen: 240.021 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 43 Resp: 682378
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.6

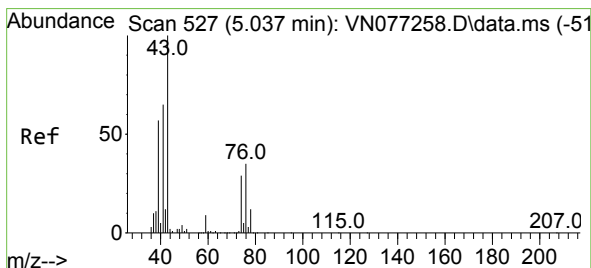
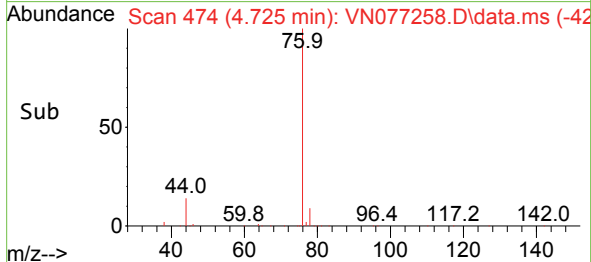
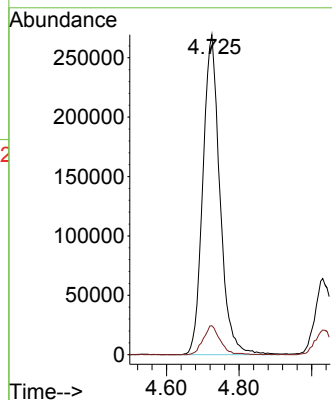
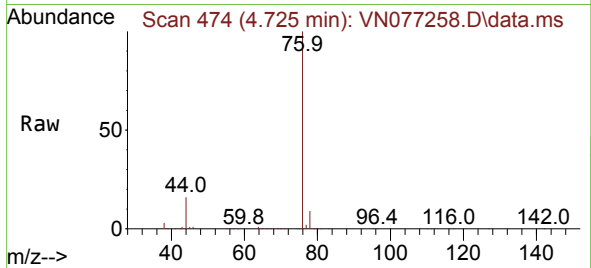




#17
Carbon Disulfide
Concen: 49.322 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

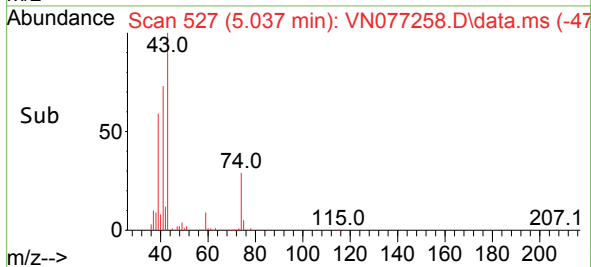
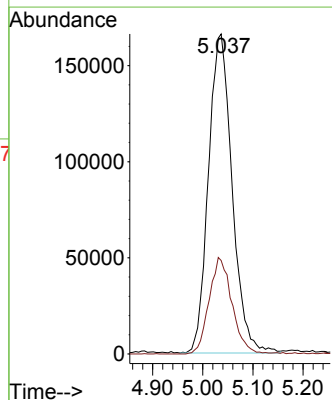
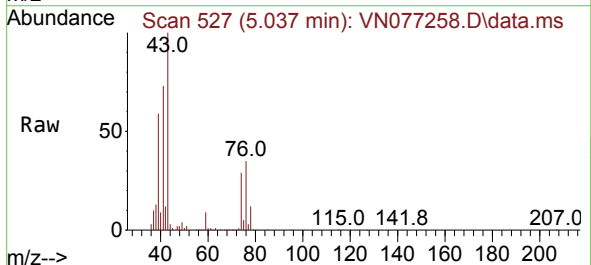
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

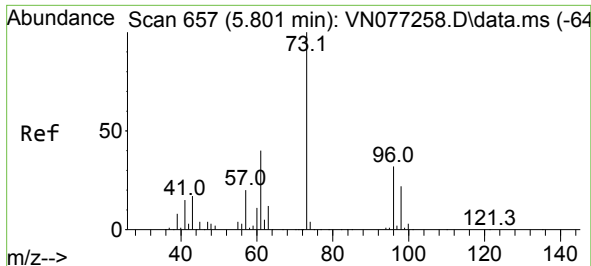
Tgt Ion: 76 Resp: 878995
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 50.293 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 43 Resp: 544561
Ion Ratio Lower Upper
43 100
74 29.3 23.4 35.2

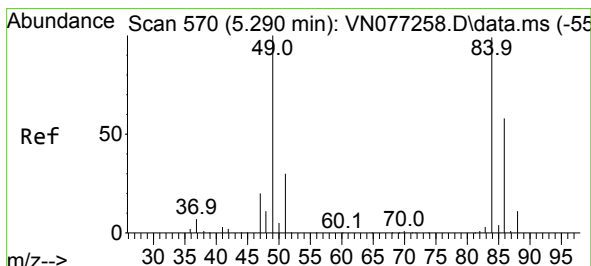
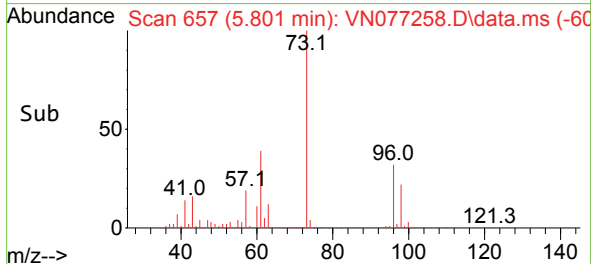
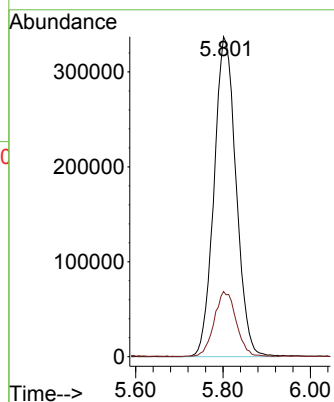
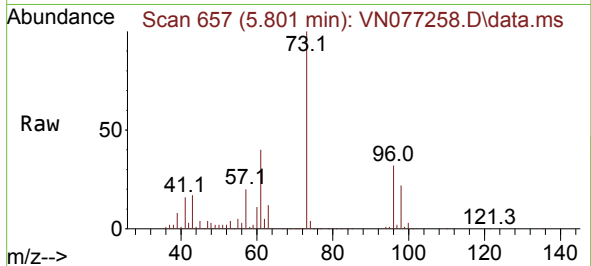




#19
Methyl tert-butyl Ether
Concen: 50.212 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

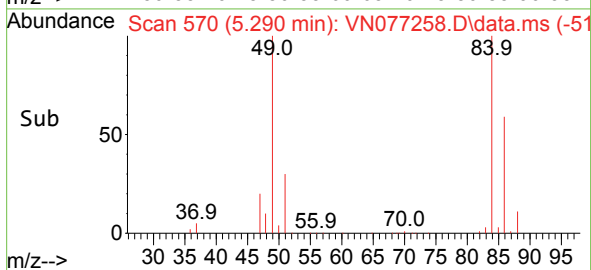
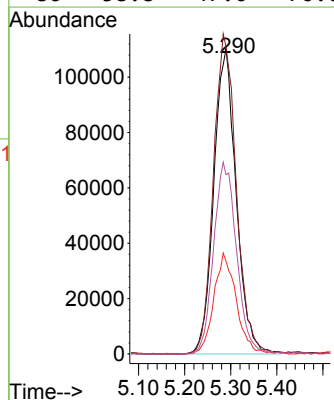
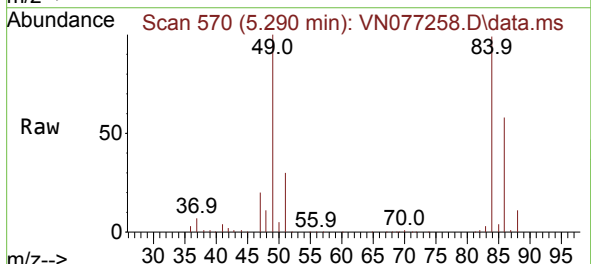
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

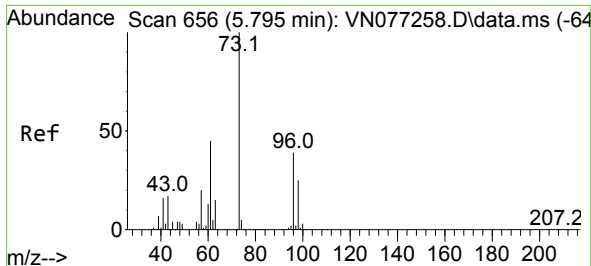
Tgt Ion: 73 Resp: 1177493
Ion Ratio Lower Upper
73 100
57 20.3 16.2 24.4



#20
Methylene Chloride
Concen: 46.320 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 84 Resp: 371907
Ion Ratio Lower Upper
84 100
49 100.8 80.6 121.0
51 30.5 24.4 36.6
86 58.8 47.0 70.6

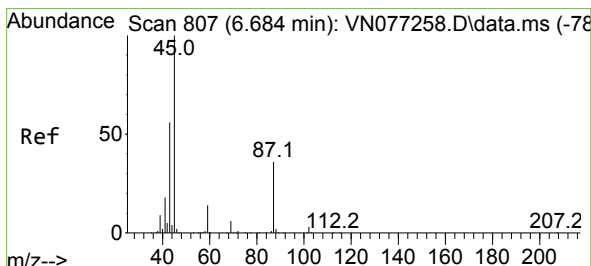
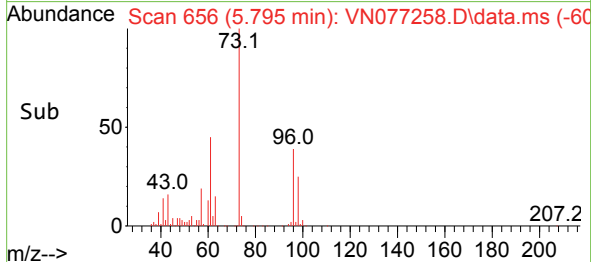
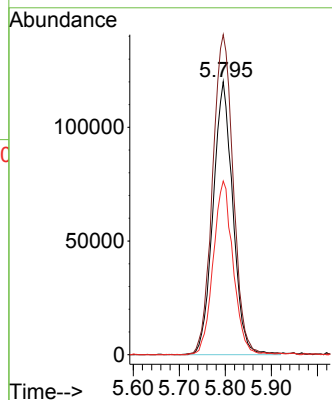
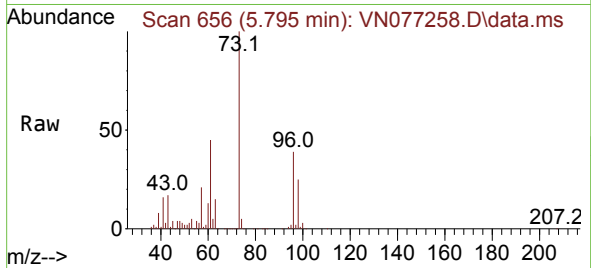




#21
trans-1,2-Dichloroethene
Concen: 49.444 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

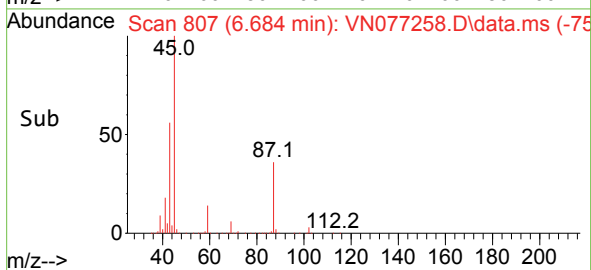
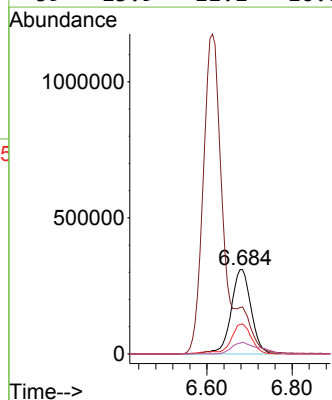
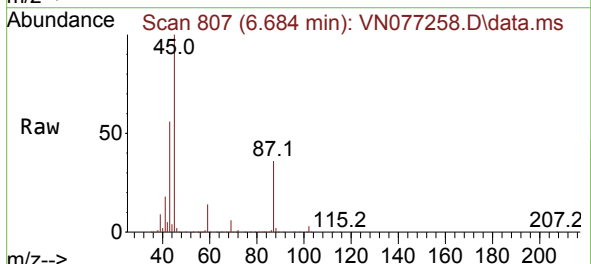
Instrument :
MSVOA_N
ClientSampleId :
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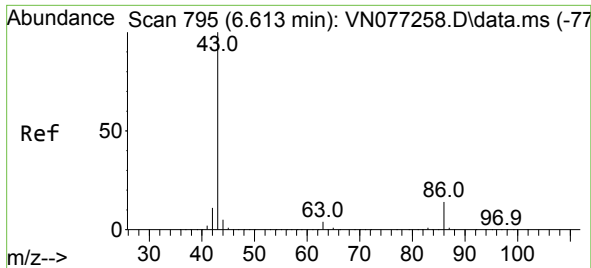
Tgt Ion: 96 Resp: 357784
Ion Ratio Lower Upper
96 100
61 117.2 93.8 140.6
98 63.6 50.9 76.3



#22
Diisopropyl ether
Concen: 50.565 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 45 Resp: 1011888
Ion Ratio Lower Upper
45 100
43 55.7 44.6 66.8
87 35.5 28.4 42.6
59 13.9 11.1 16.7

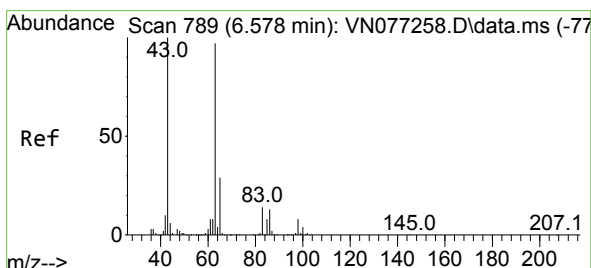
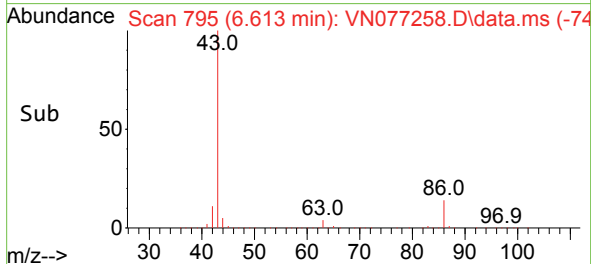
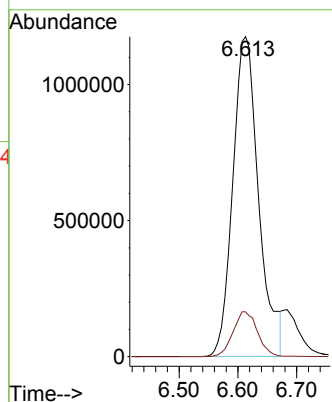
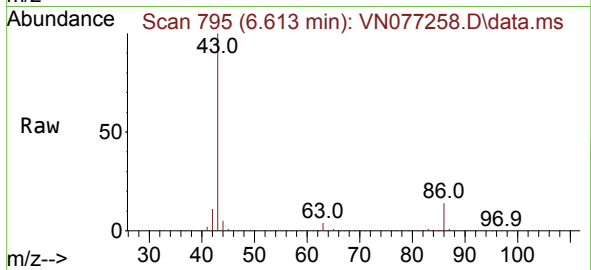




#23
 Vinyl Acetate
 Concen: 265.214 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

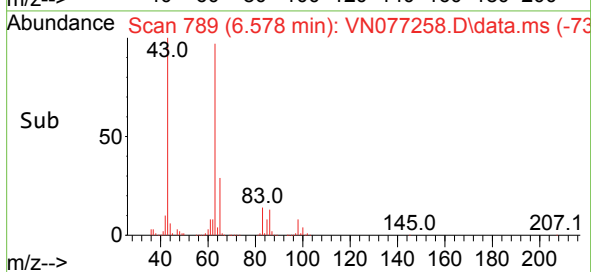
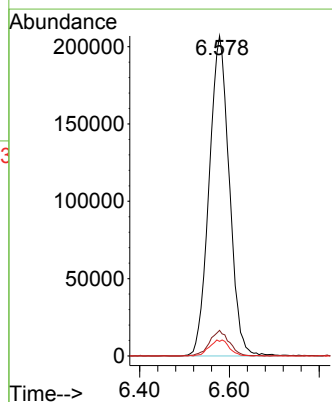
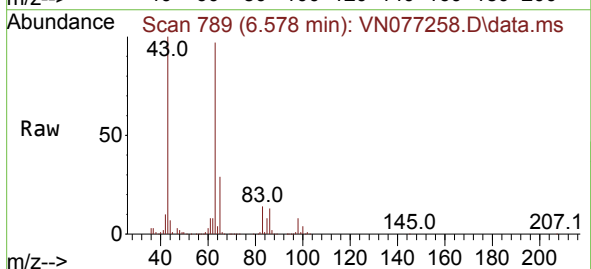
Instrument :
 MSVOA_N
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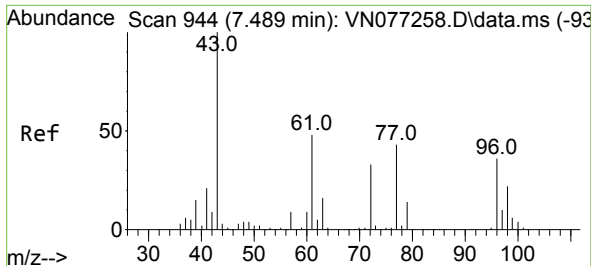
Tgt Ion: 43 Resp: 3588557
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 49.971 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

Tgt Ion: 63 Resp: 645744
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.0
 100 4.6 2.3 6.9

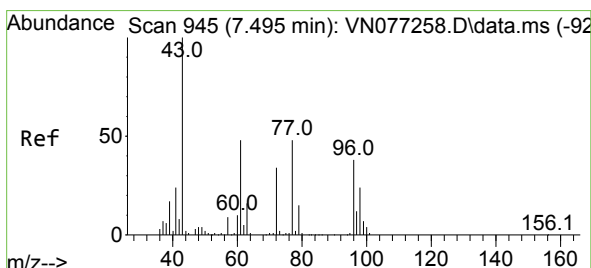
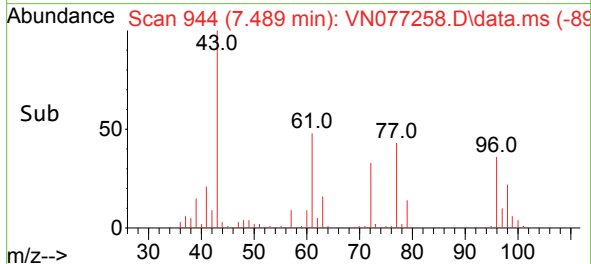
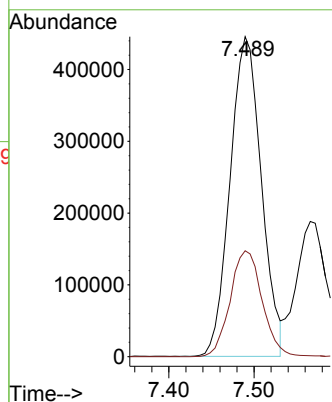
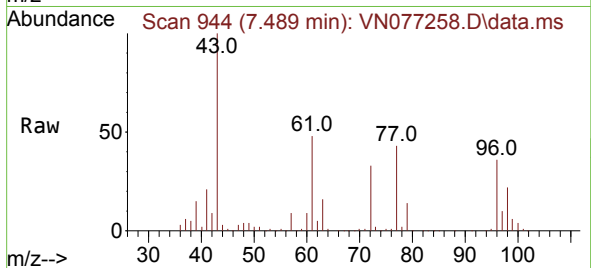




#25
2-Butanone
Concen: 246.026 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

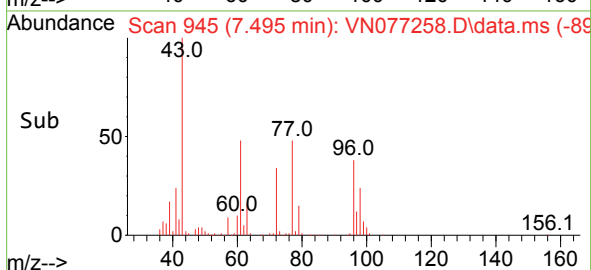
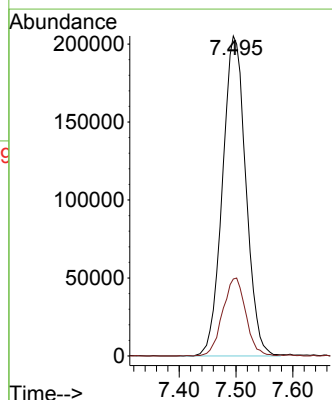
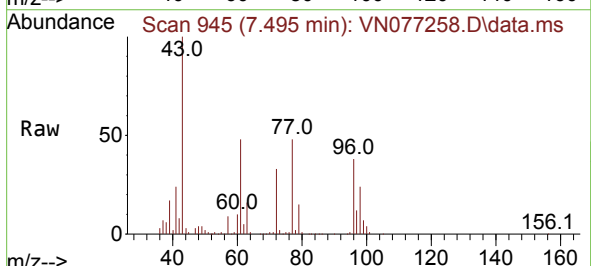
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

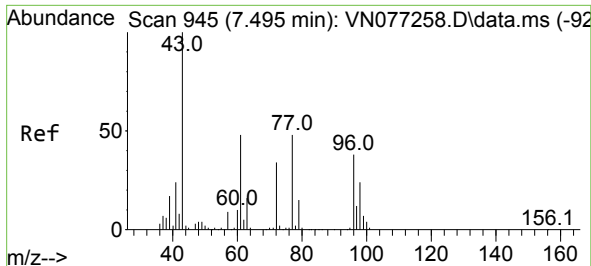
Tgt Ion: 43 Resp: 1135185
Ion Ratio Lower Upper
43 100
72 33.2 26.6 39.8



#26
2,2-Dichloropropane
Concen: 49.444 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 77 Resp: 585893
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.1

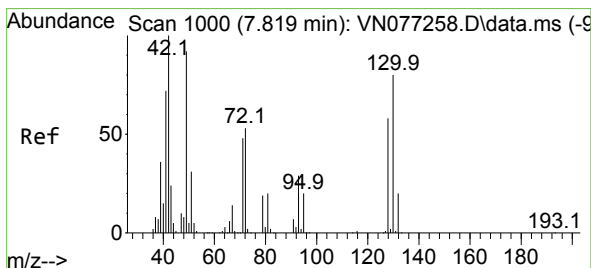
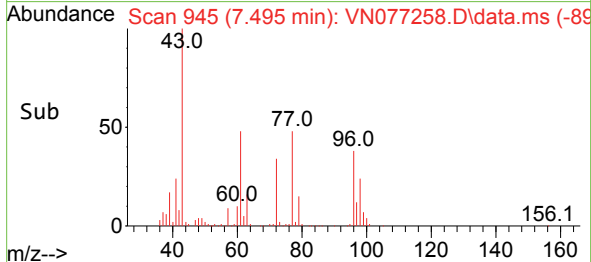
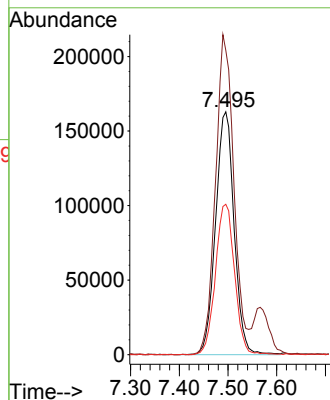
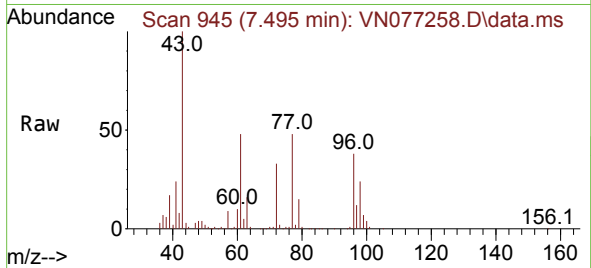




#27
 cis-1,2-Dichloroethene
 Concen: 48.789 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

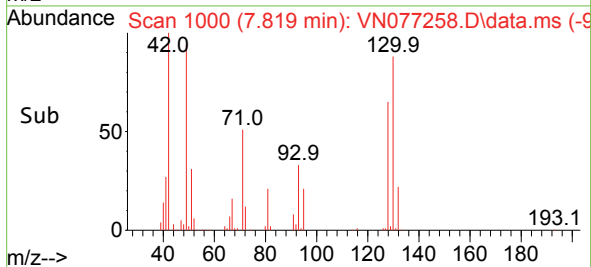
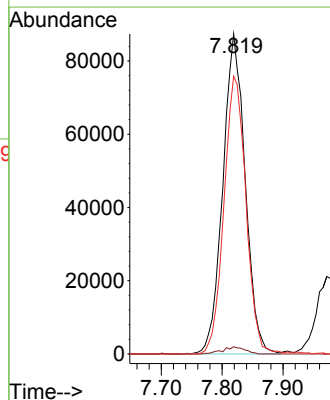
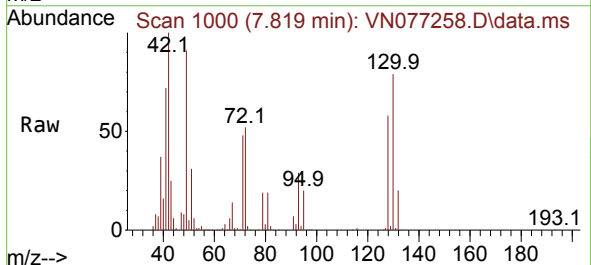
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

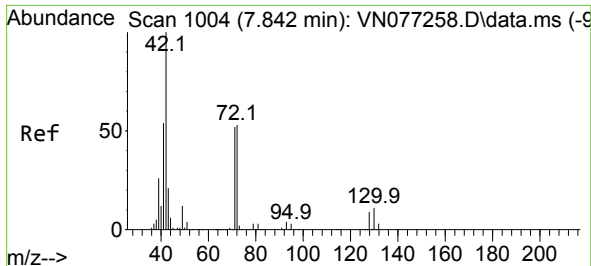
Tgt Ion: 96 Resp: 431130
 Ion Ratio Lower Upper
 96 100
 61 130.5 0.0 261.0
 98 64.0 0.0 128.0



#28
 Bromochloromethane
 Concen: 42.775 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

Tgt Ion: 49 Resp: 222351
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 85.5 68.4 102.6





#29

Tetrahydrofuran

Concen: 253.508 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

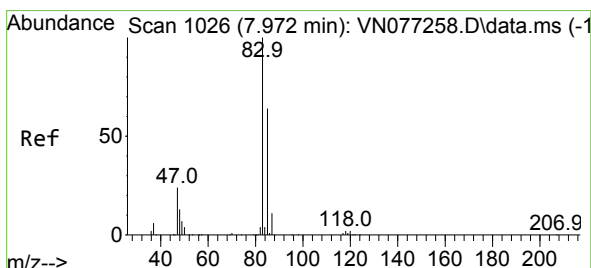
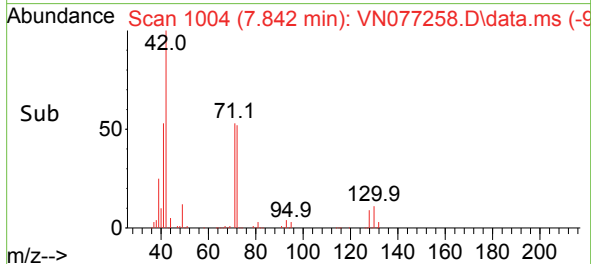
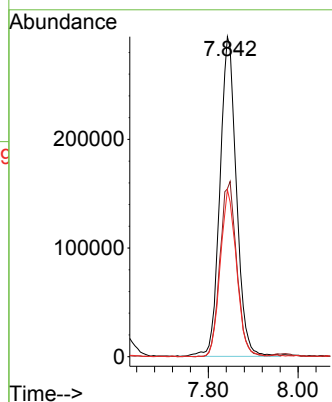
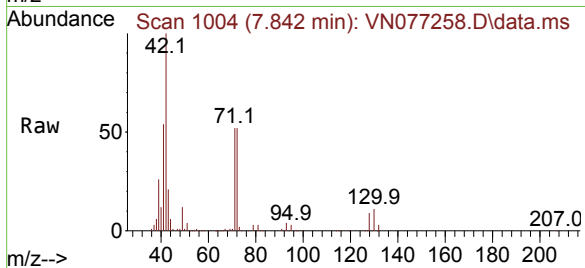
Tgt Ion: 42 Resp: 751920

Ion Ratio Lower Upper

42 100

72 55.7 44.6 66.8

71 51.6 41.3 61.9



#30

Chloroform

Concen: 49.561 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077258.D

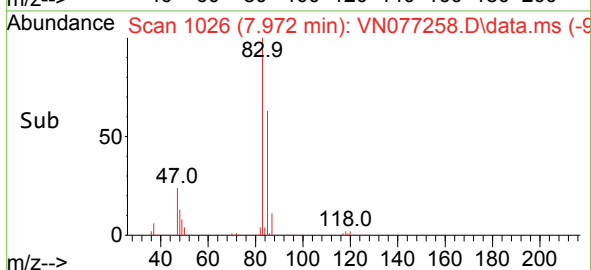
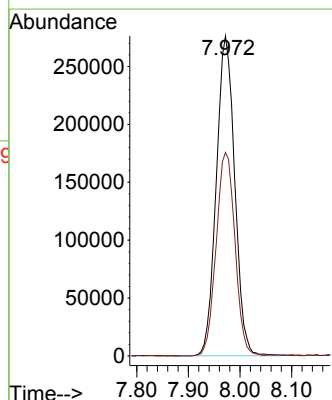
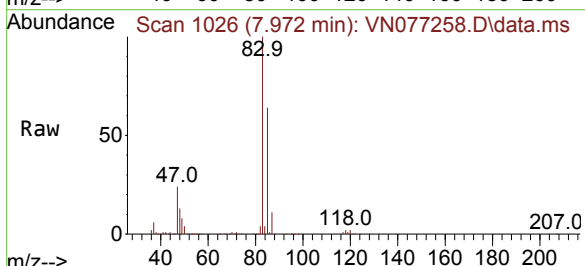
Acq: 05 Apr 2023 12:28

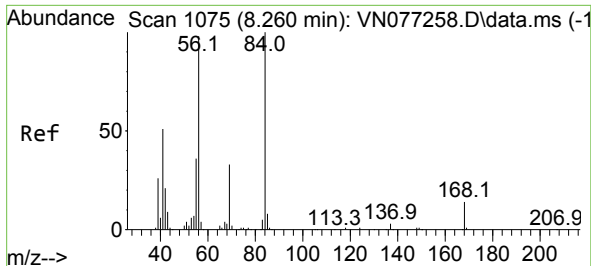
Tgt Ion: 83 Resp: 682972

Ion Ratio Lower Upper

83 100

85 63.6 50.9 76.3

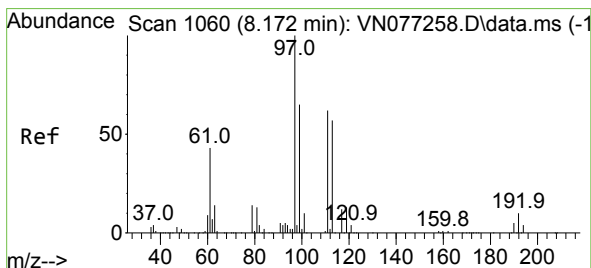
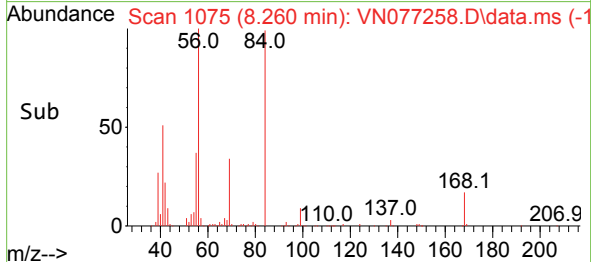
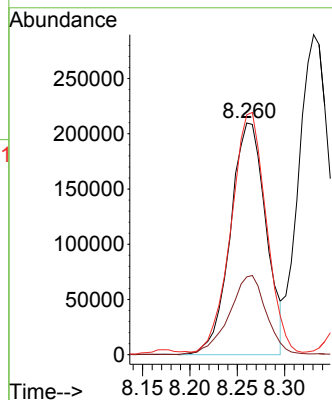
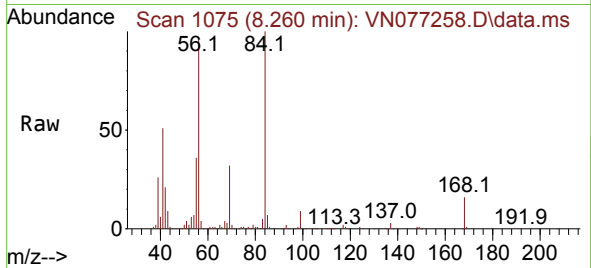




#31
Cyclohexane
Concen: 45.828 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

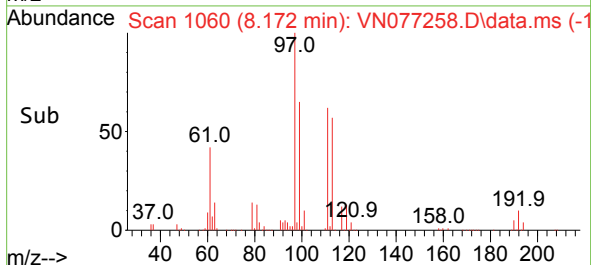
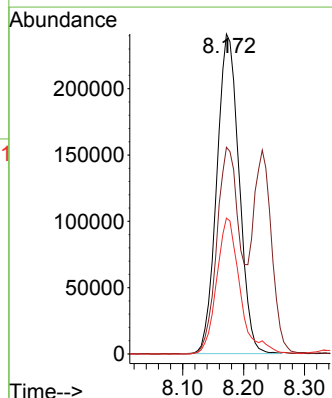
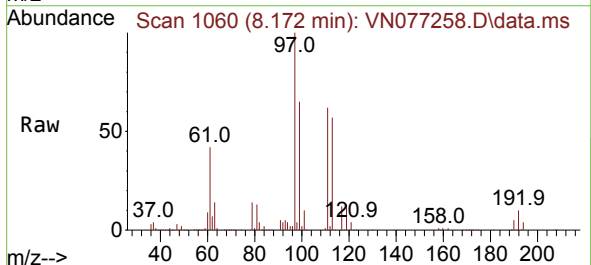
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

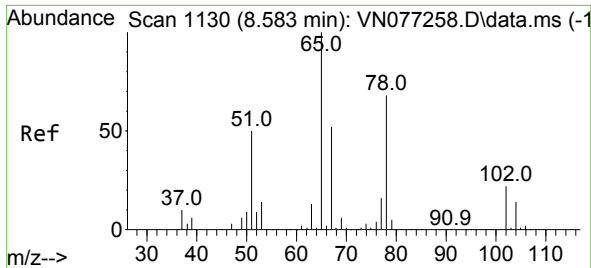
Tgt Ion: 56 Resp: 549093
Ion Ratio Lower Upper
56 100
69 33.3 26.6 40.0
84 102.3 81.8 122.8



#32
1,1,1-Trichloroethane
Concen: 48.912 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 97 Resp: 613007
Ion Ratio Lower Upper
97 100
99 67.8 54.2 81.4
61 44.7 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 48.005 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

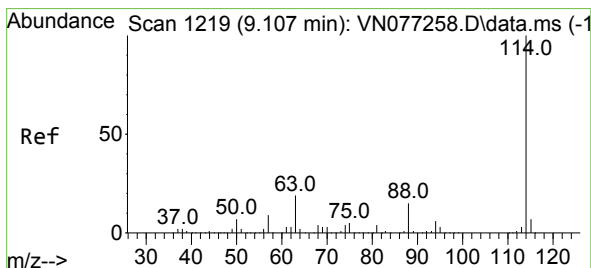
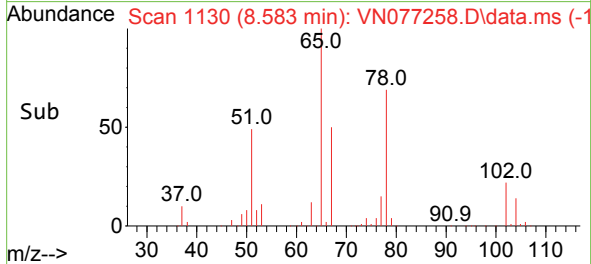
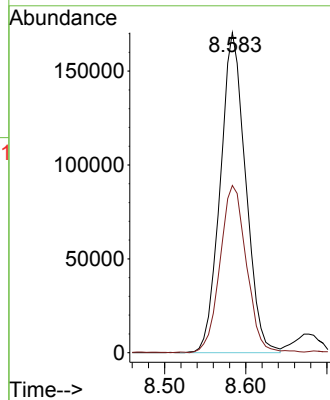
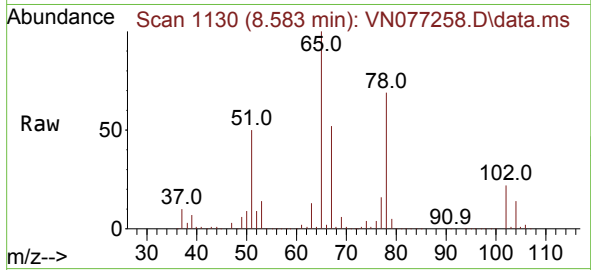
VSTDICCC050

Tgt Ion: 65 Resp: 370159

Ion Ratio Lower Upper

65 100

67 54.4 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

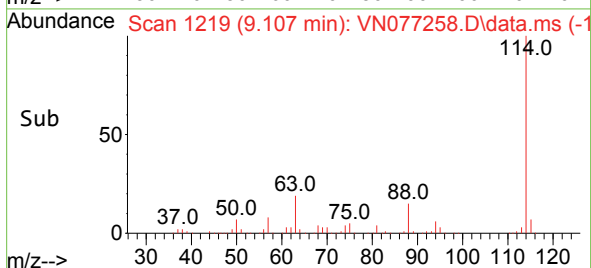
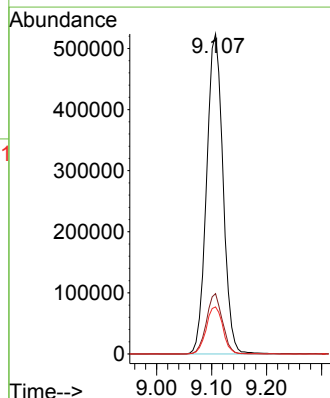
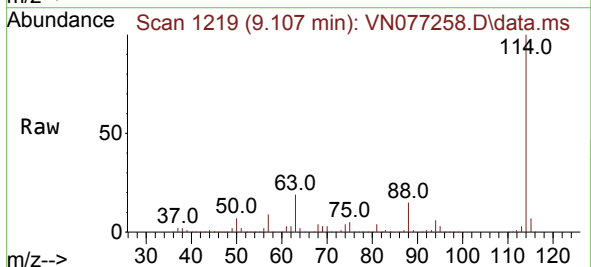
Tgt Ion: 114 Resp: 1083455

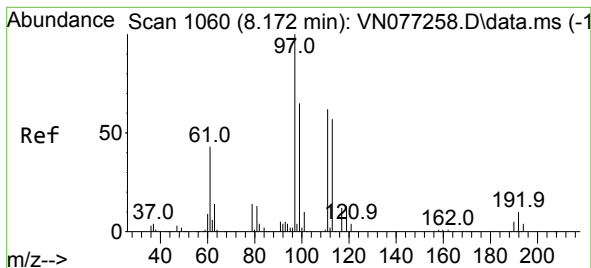
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.8

88 14.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 47.572 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

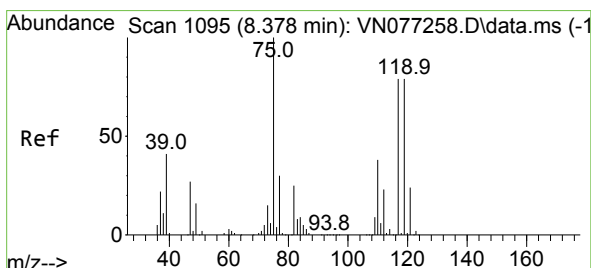
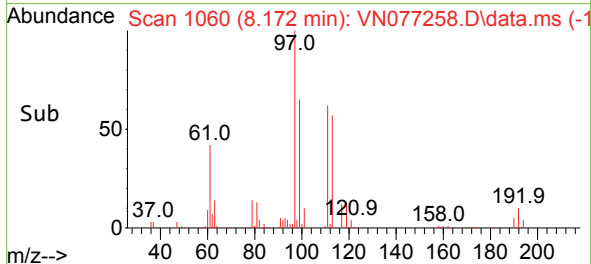
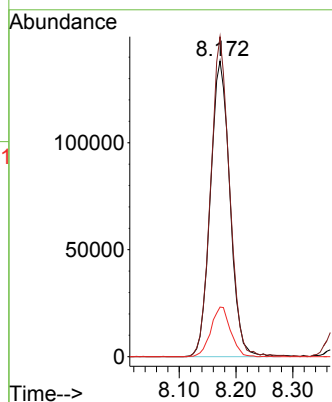
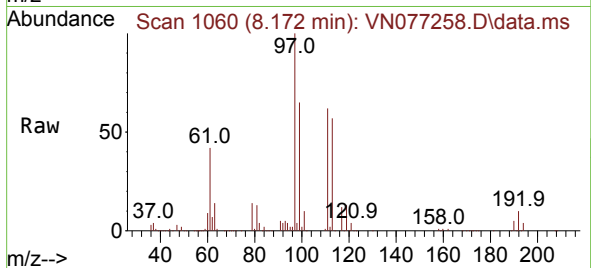
Tgt Ion:113 Resp: 329960

Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.0

192 16.9 13.5 20.3



#36

1,1-Dichloropropene

Concen: 50.435 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

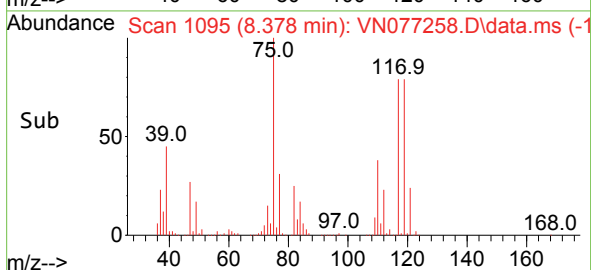
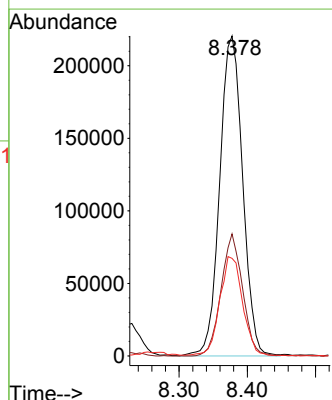
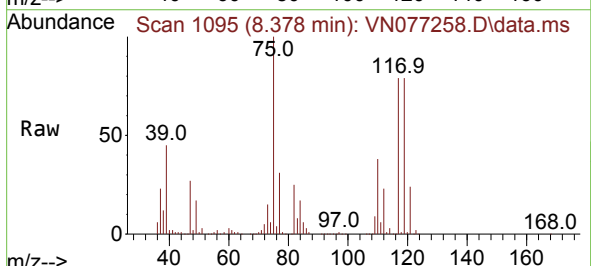
Tgt Ion: 75 Resp: 517374

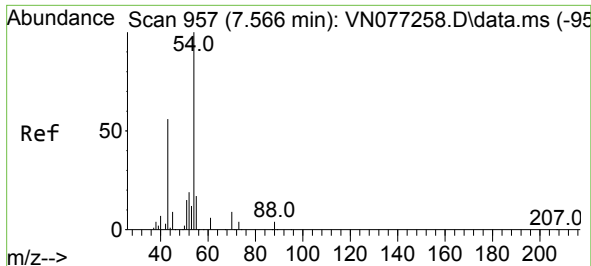
Ion Ratio Lower Upper

75 100

110 35.7 17.8 53.5

77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 50.586 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

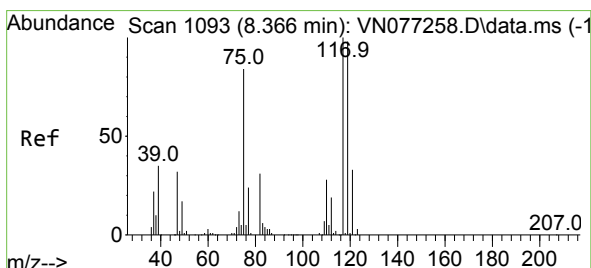
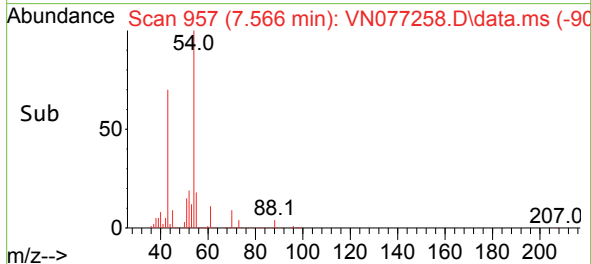
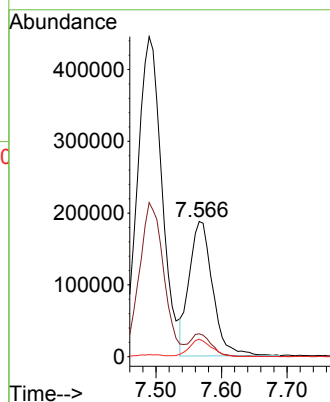
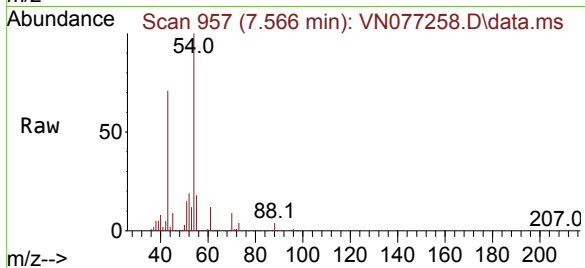
Tgt Ion: 43 Resp: 464287

Ion Ratio Lower Upper

43 100

61 15.2 12.2 18.2

70 12.5 10.0 15.0



#38

Carbon Tetrachloride

Concen: 49.894 ug/l

RT: 8.366 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

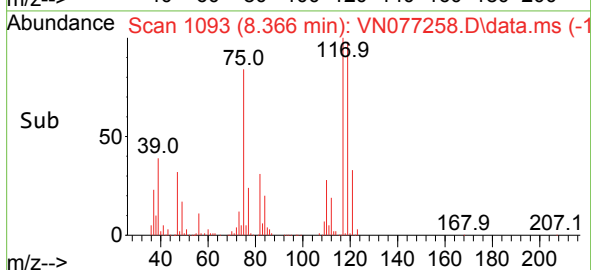
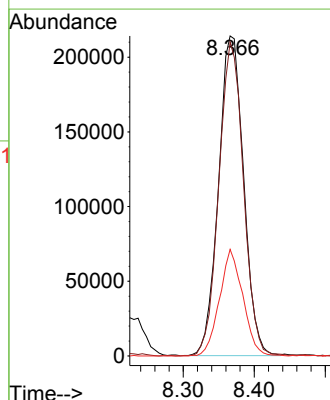
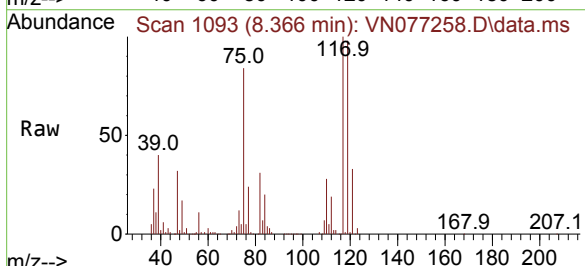
Tgt Ion: 117 Resp: 524382

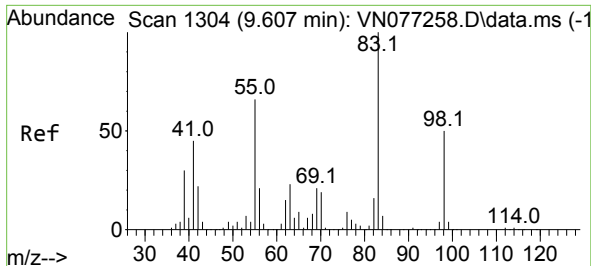
Ion Ratio Lower Upper

117 100

119 98.1 78.5 117.7

121 33.3 26.6 40.0





#39

Methylcyclohexane

Concen: 49.257 ug/l

RT: 9.607 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

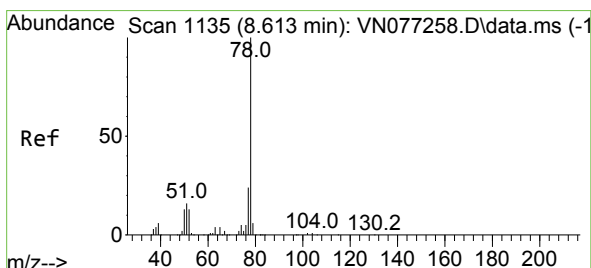
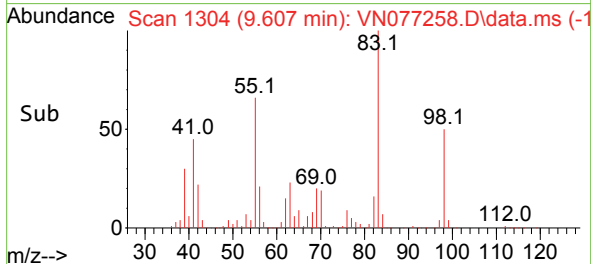
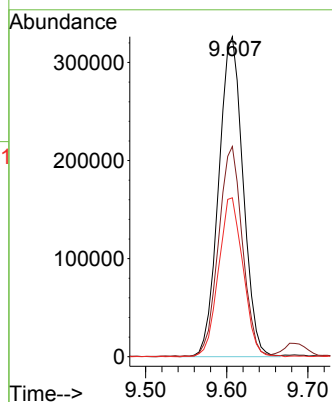
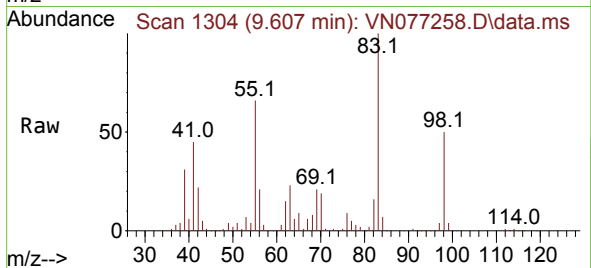
Tgt Ion: 83 Resp: 681348

Ion Ratio Lower Upper

83 100

55 65.5 52.4 78.6

98 49.7 39.8 59.6



#40

Benzene

Concen: 50.313 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077258.D

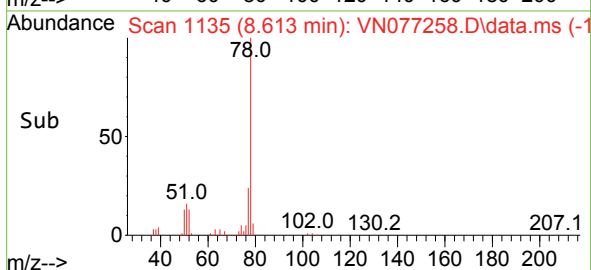
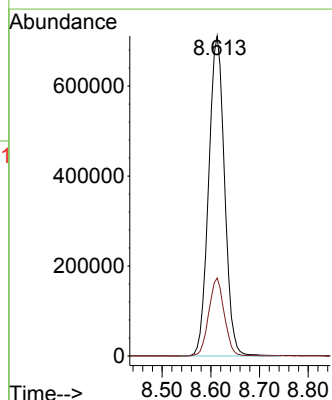
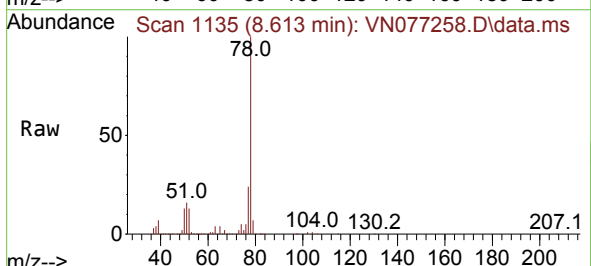
Acq: 05 Apr 2023 12:28

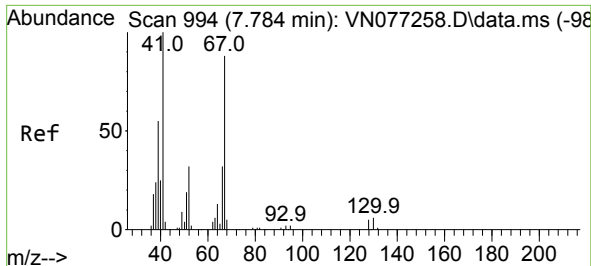
Tgt Ion: 78 Resp: 1609860

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3



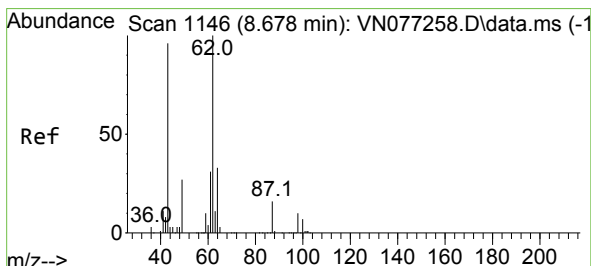
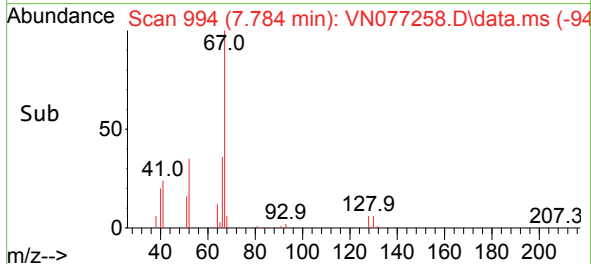
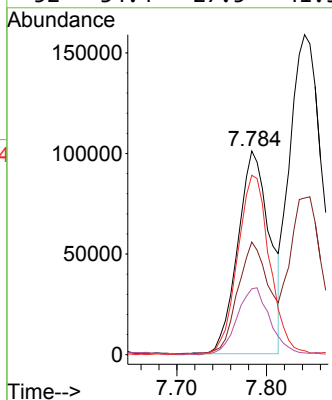
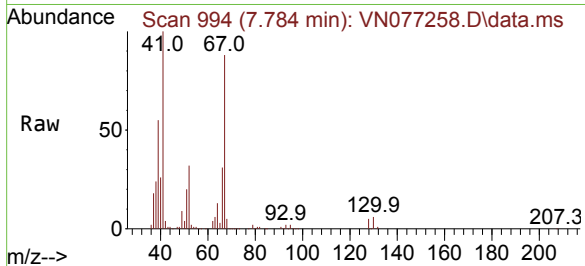


#41
Methacrylonitrile
Concen: 50.420 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 248745

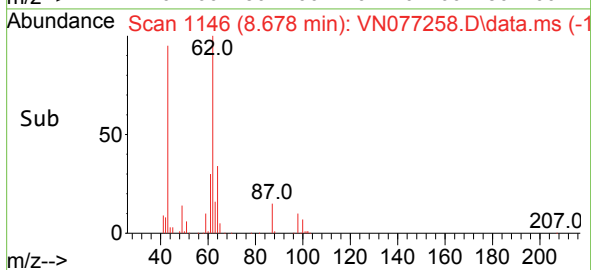
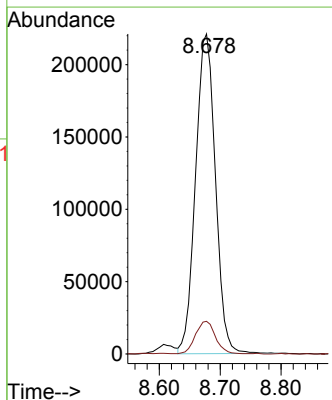
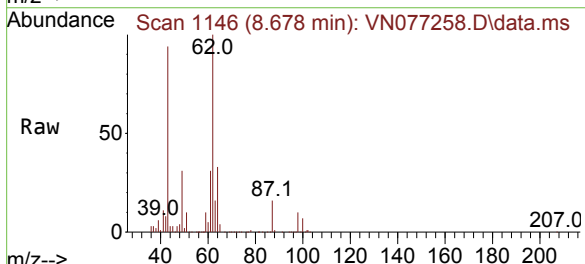
Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.1	66.1
67	89.3	71.4	107.2
52	34.4	27.5	41.3

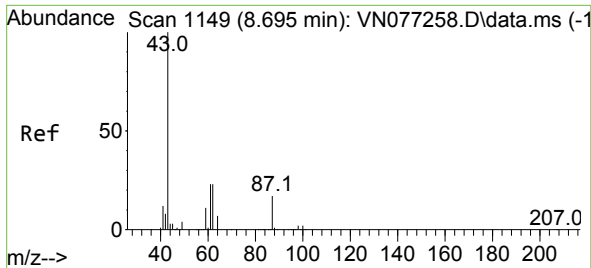


#42
1,2-Dichloroethane
Concen: 50.799 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 62 Resp: 500258

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2

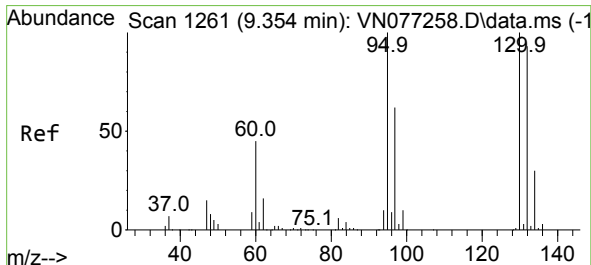
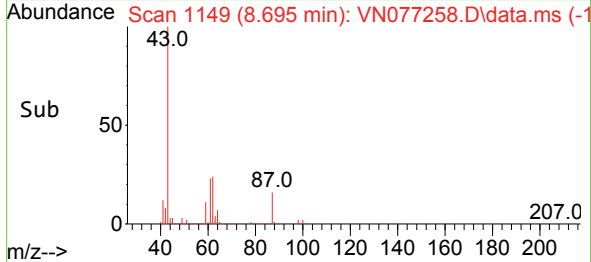
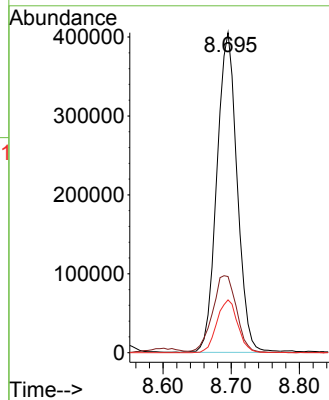
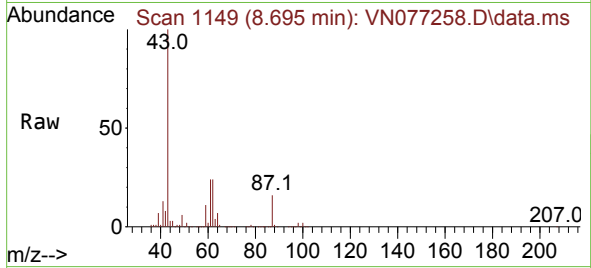




#43
Isopropyl Acetate
Concen: 49.528 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

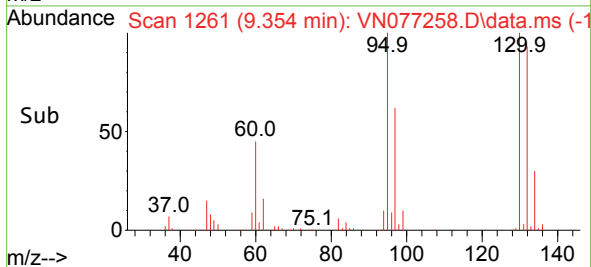
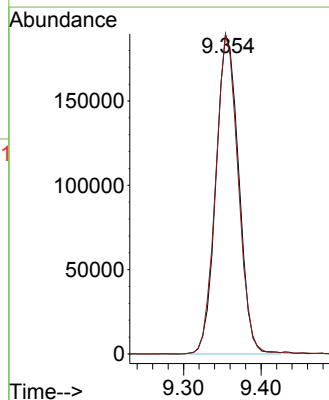
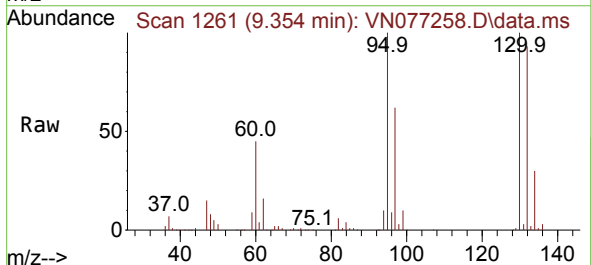
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

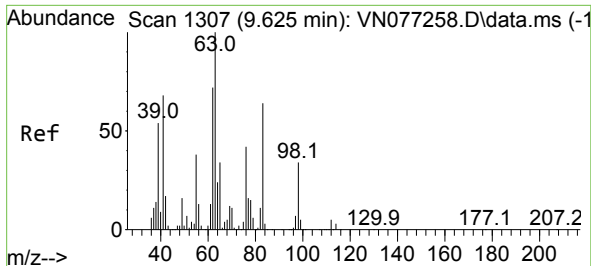
Tgt Ion: 43 Resp: 838810
Ion Ratio Lower Upper
43 100
61 28.4 22.7 34.1
87 17.0 13.6 20.4



#44
Trichloroethene
Concen: 50.469 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion:130 Resp: 386388
Ion Ratio Lower Upper
130 100
95 100.1 0.0 200.2





#45

1,2-Dichloropropane

Concen: 50.508 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

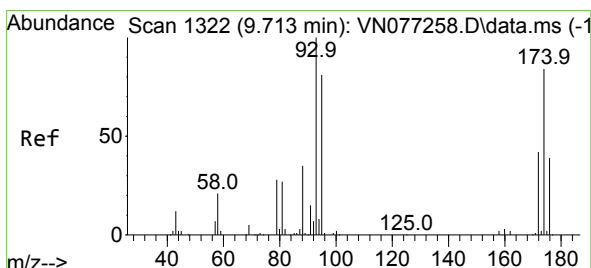
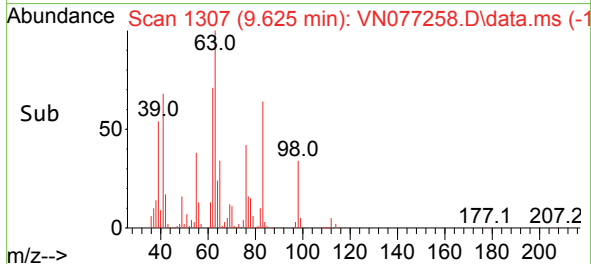
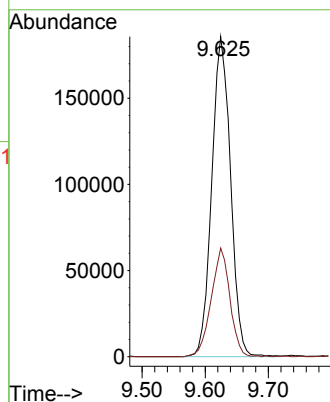
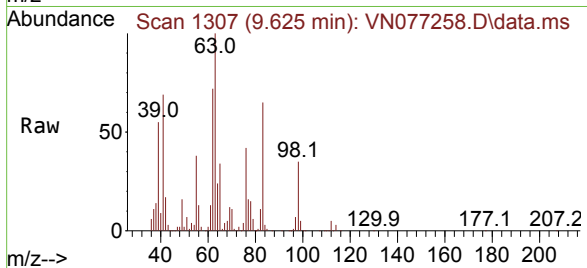
VSTDICCC050

Tgt Ion: 63 Resp: 383818

Ion Ratio Lower Upper

63 100

65 33.9 27.1 40.7



#46

Dibromomethane

Concen: 49.708 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

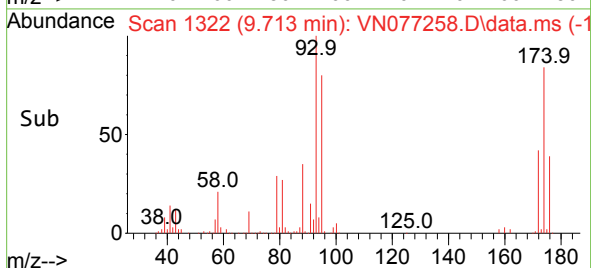
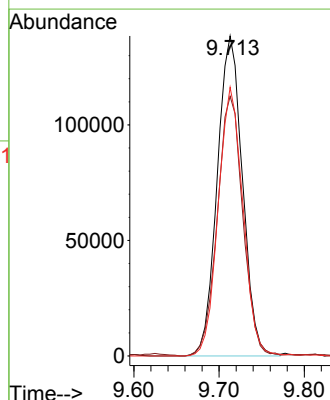
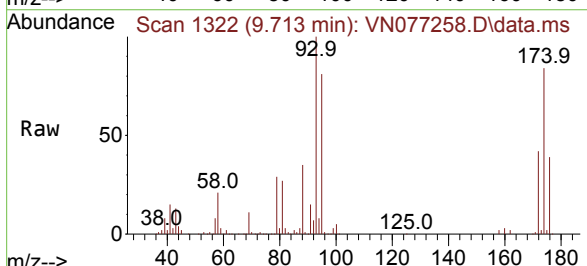
Tgt Ion: 93 Resp: 284603

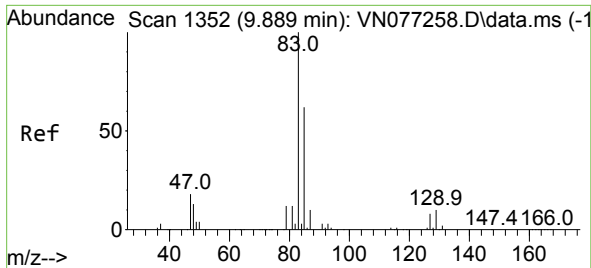
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.6

174 82.5 66.0 99.0

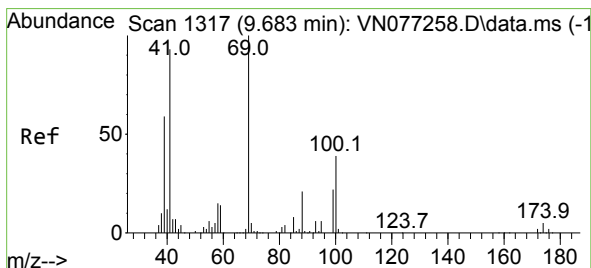
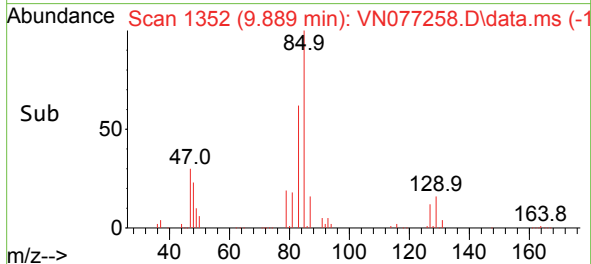
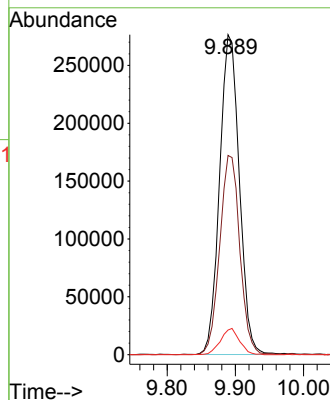
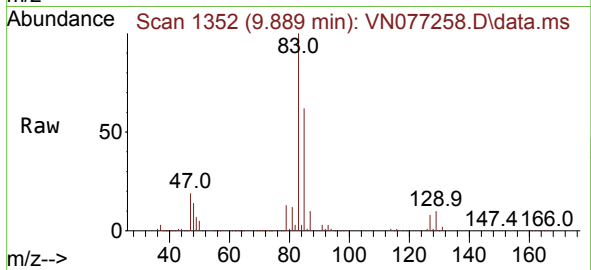




#47
Bromodichloromethane
Concen: 48.588 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

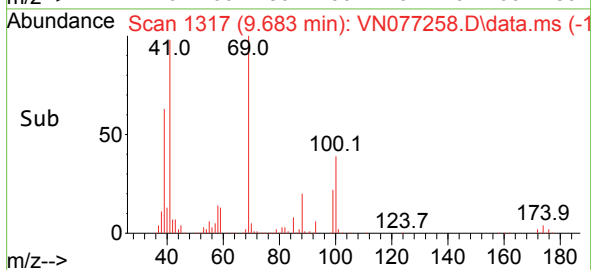
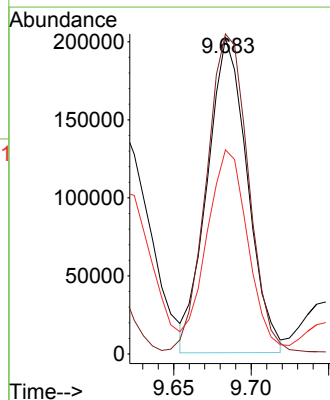
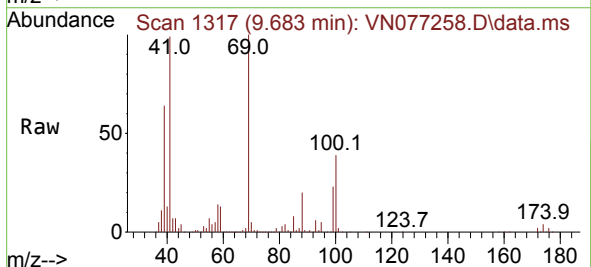
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

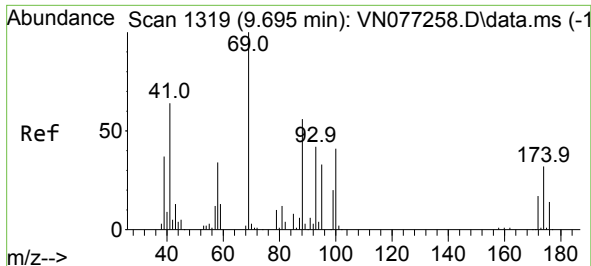
Tgt Ion: 83 Resp: 556028
Ion Ratio Lower Upper
83 100
85 62.3 49.8 74.8
127 7.7 6.2 9.2



#48
Methyl methacrylate
Concen: 50.343 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 41 Resp: 363716
Ion Ratio Lower Upper
41 100
69 106.3 85.0 127.6
39 66.9 53.5 80.3





#49

1,4-Dioxane

Concen: 982.030 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

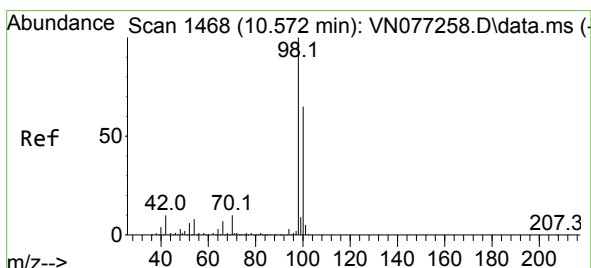
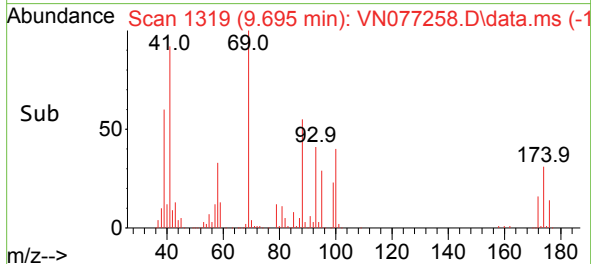
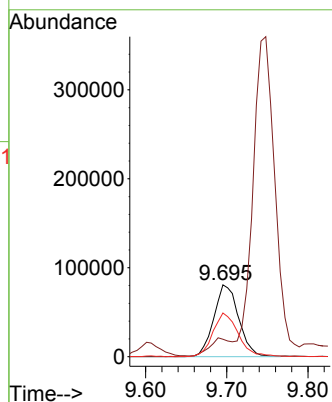
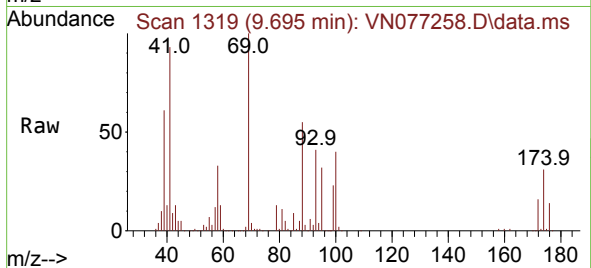
Tgt Ion: 88 Resp: 172012

Ion Ratio Lower Upper

88 100

43 21.3 17.0 25.6

58 62.2 49.8 74.6



#50

Toluene-d8

Concen: 48.857 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077258.D

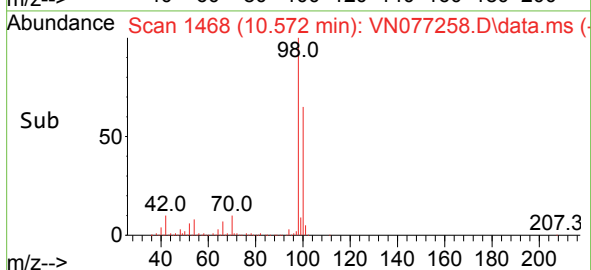
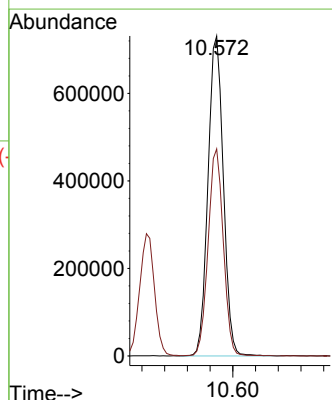
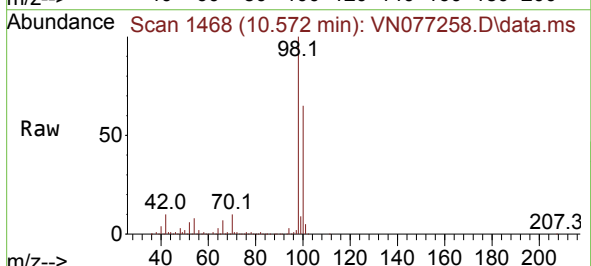
Acq: 05 Apr 2023 12:28

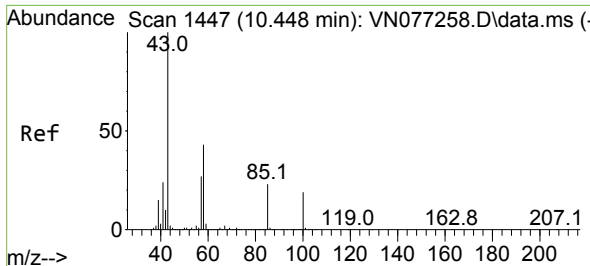
Tgt Ion: 98 Resp: 1364172

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9

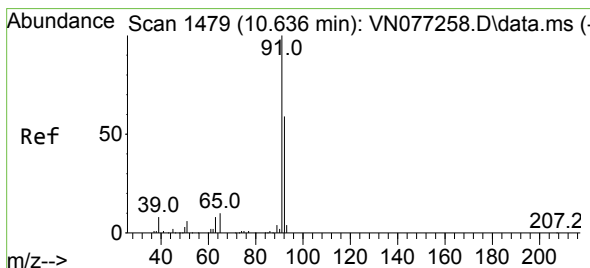
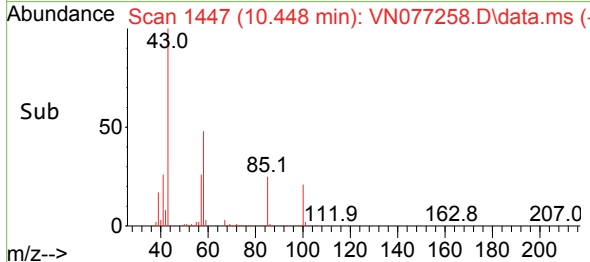
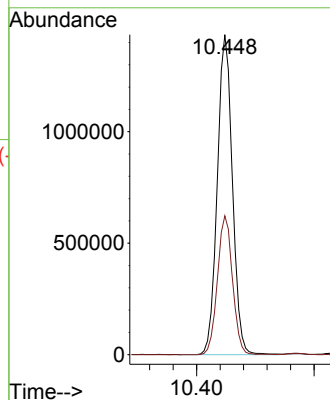
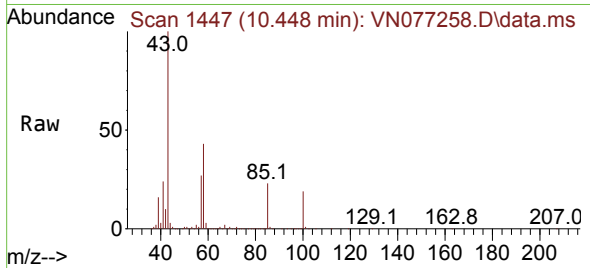




#51
4-Methyl-2-Pentanone
Concen: 261.115 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

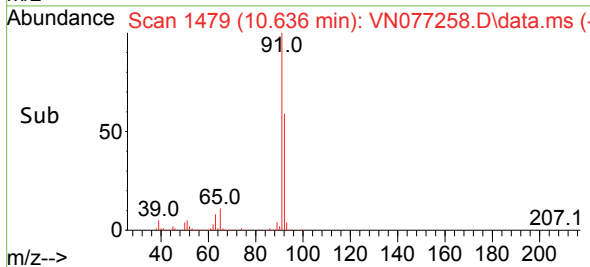
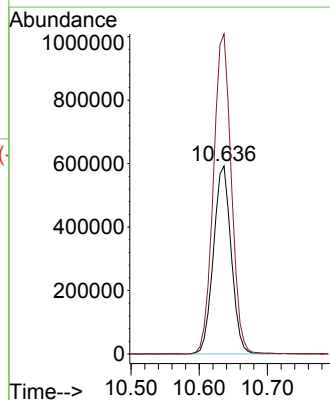
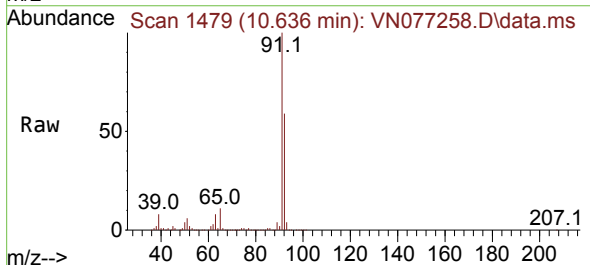
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

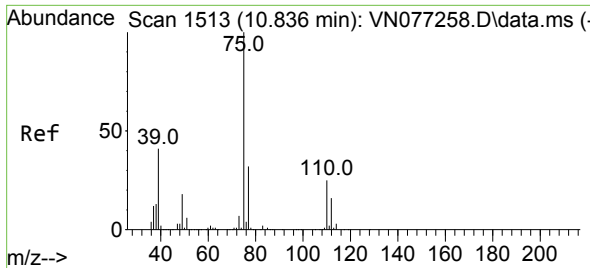
Tgt Ion: 43 Resp: 2556146
Ion Ratio Lower Upper
43 100
58 43.3 34.6 52.0



#52
Toluene
Concen: 51.276 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 92 Resp: 1073899
Ion Ratio Lower Upper
92 100
91 172.5 138.0 207.0

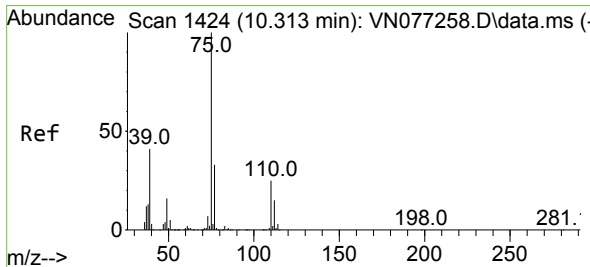
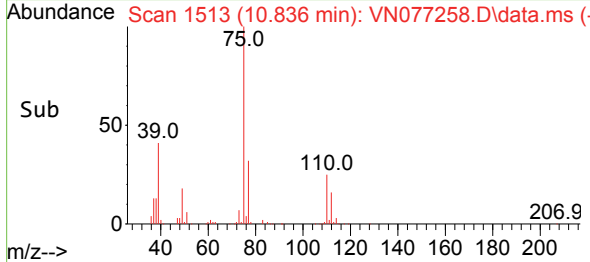
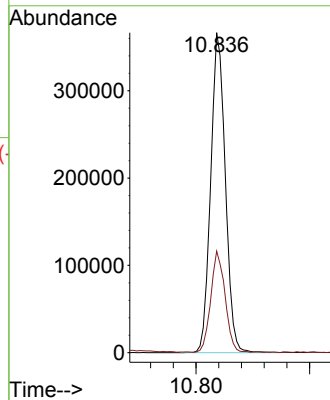
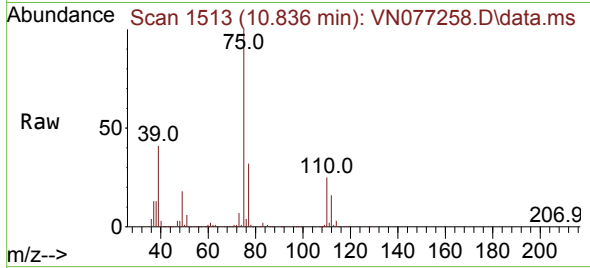




#53
 t-1,3-Dichloropropene
 Concen: 52.568 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

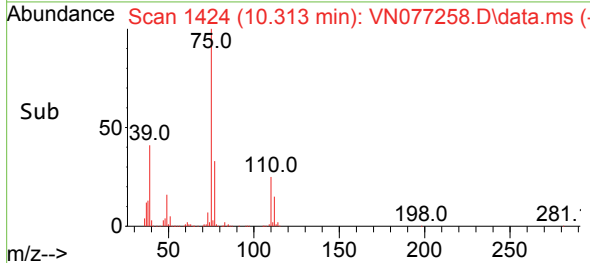
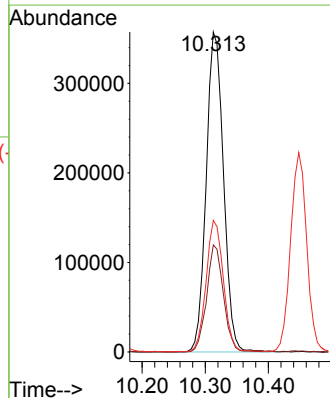
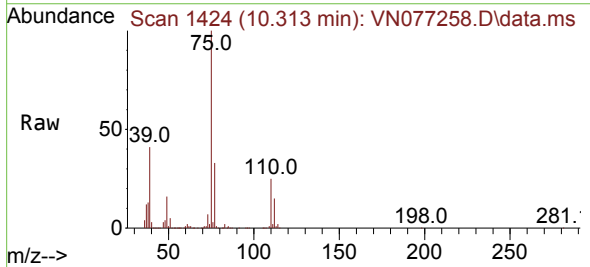
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

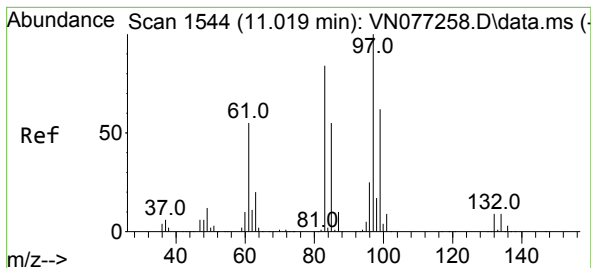
Tgt Ion: 75 Resp: 653251
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.410 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

Tgt Ion: 75 Resp: 680490
 Ion Ratio Lower Upper
 75 100
 77 33.4 26.7 40.1
 39 41.0 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 50.303 ug/l

RT: 11.019 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 413553

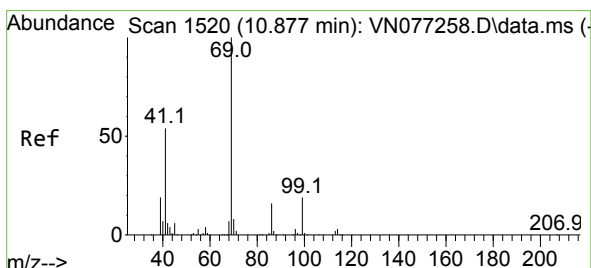
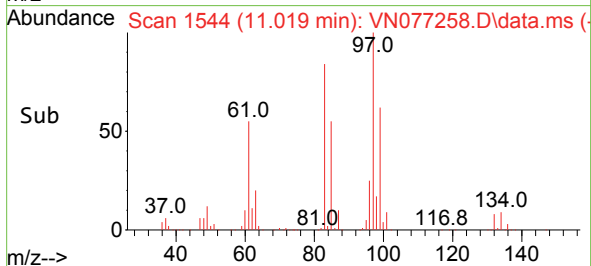
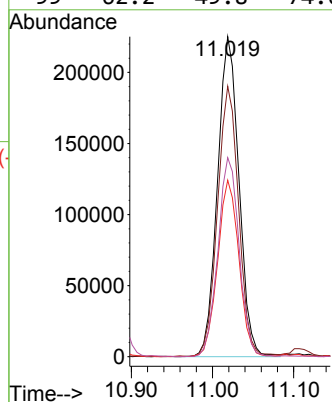
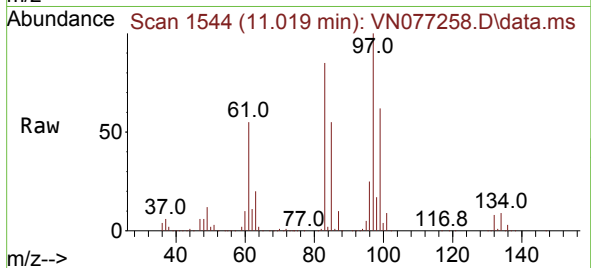
Ion Ratio Lower Upper

97 100

83 84.3 67.4 101.2

85 55.1 44.1 66.1

99 62.2 49.8 74.6



#56

Ethyl methacrylate

Concen: 51.985 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

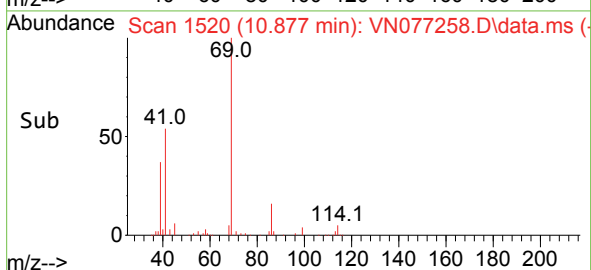
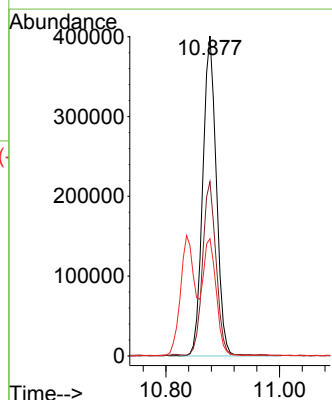
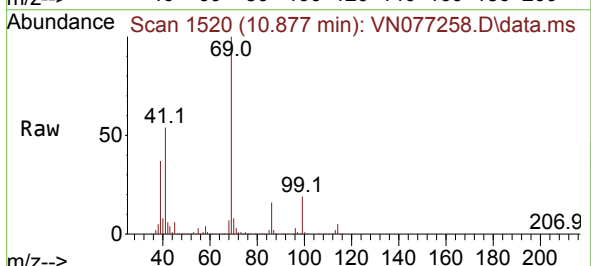
Tgt Ion: 69 Resp: 665670

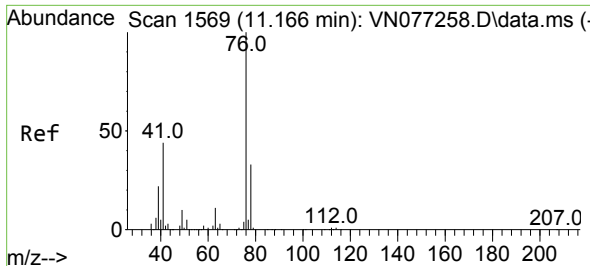
Ion Ratio Lower Upper

69 100

41 53.5 42.8 64.2

39 33.7 27.0 40.4

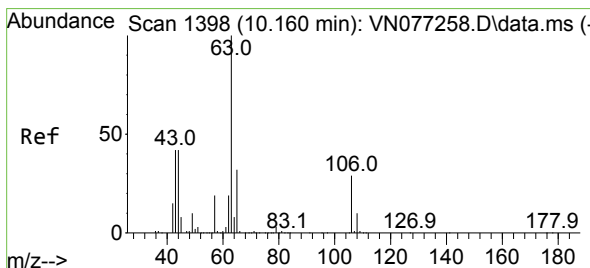
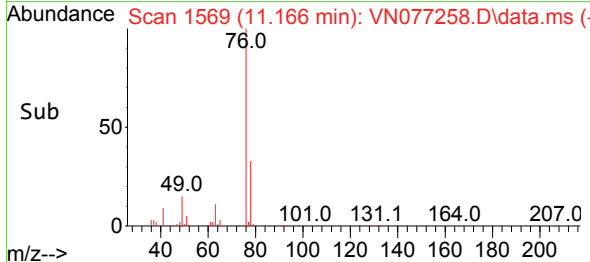
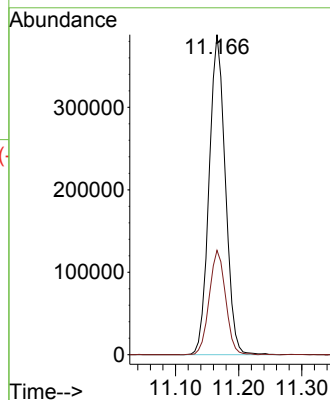
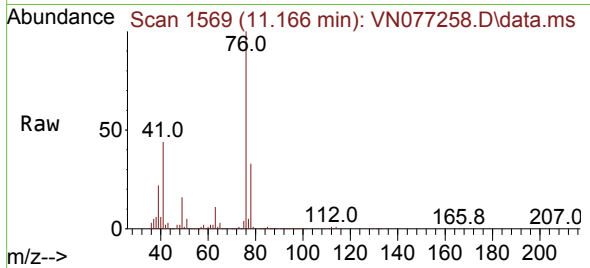




#57
1,3-Dichloropropane
Concen: 50.962 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

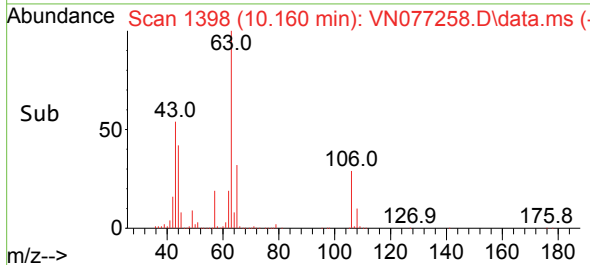
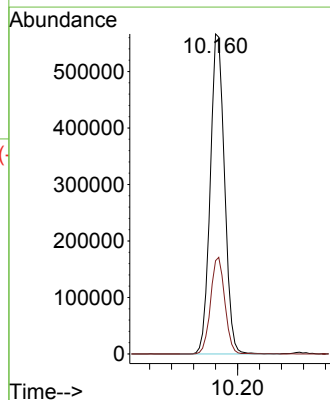
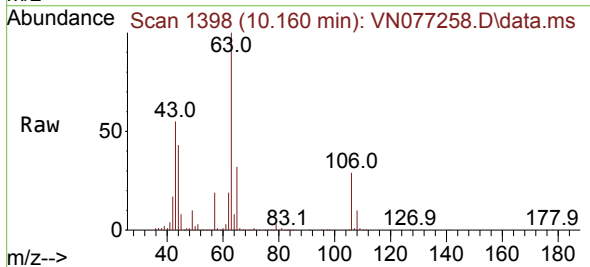
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

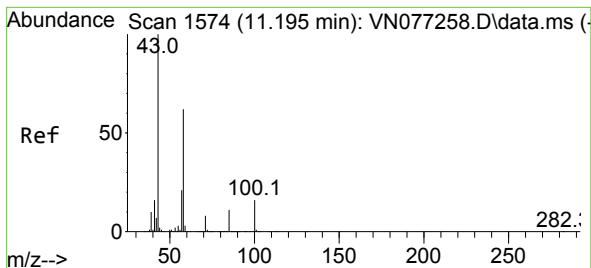
Tgt Ion: 76 Resp: 692177
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 267.976 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 63 Resp: 1021482
Ion Ratio Lower Upper
63 100
106 30.1 24.1 36.1

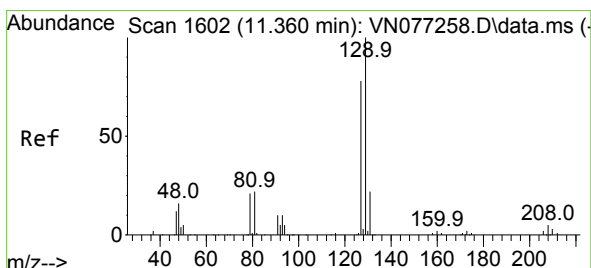
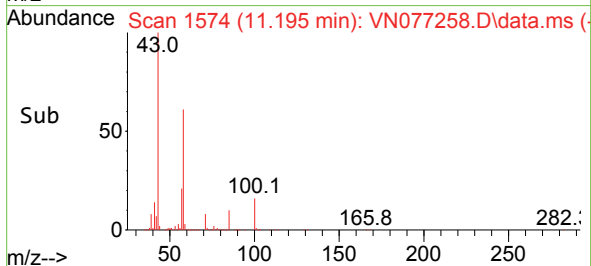
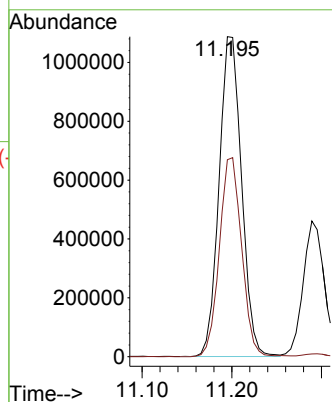
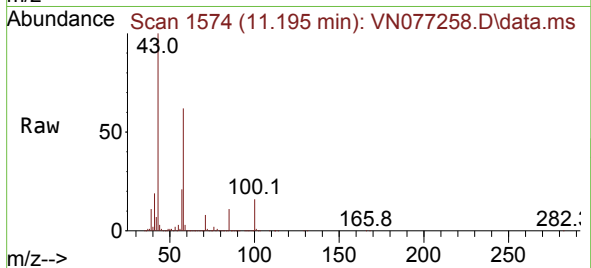




#59
2-Hexanone
Concen: 259.132 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

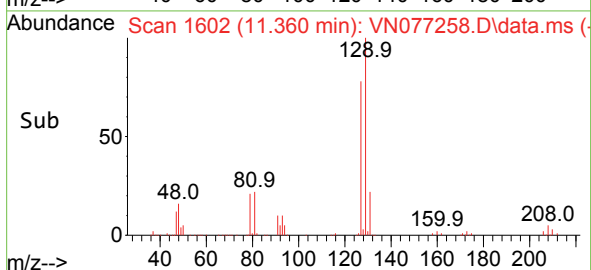
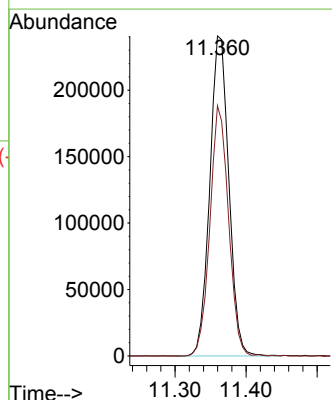
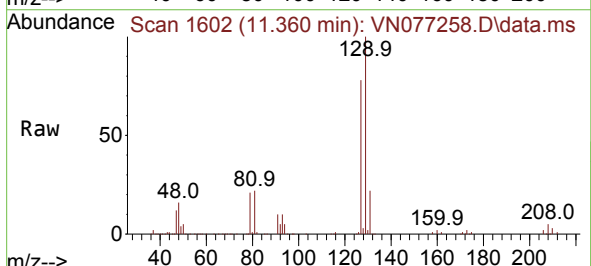
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

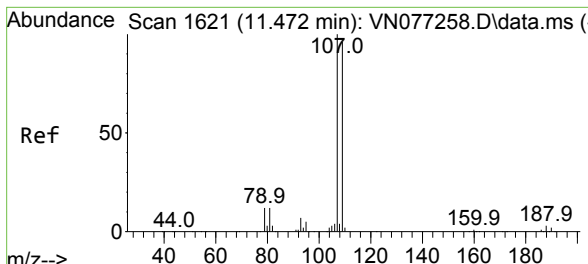
Tgt Ion: 43 Resp: 1889871
Ion Ratio Lower Upper
43 100
58 61.7 30.9 92.5



#60
Dibromochloromethane
Concen: 52.949 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion:129 Resp: 448328
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.5



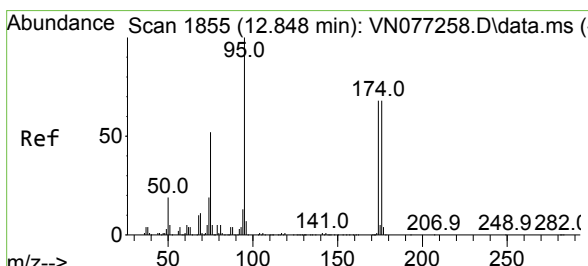
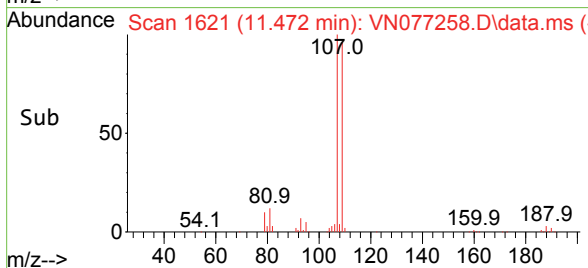
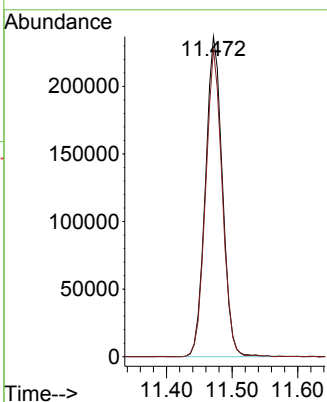
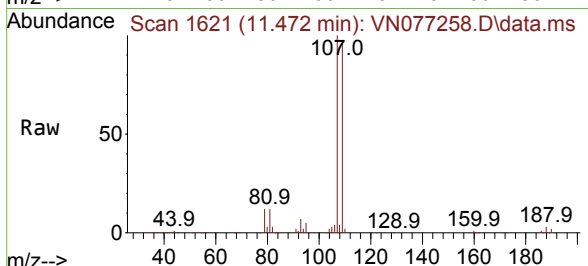


#61
 1,2-Dibromoethane
 Concen: 51.837 ug/l
 RT: 11.472 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 107 Resp: 425361

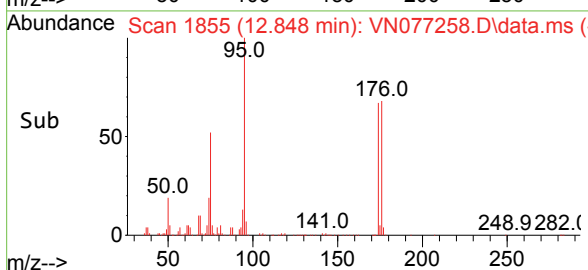
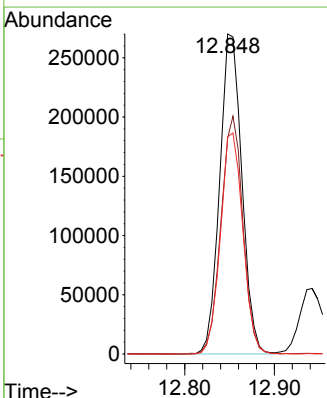
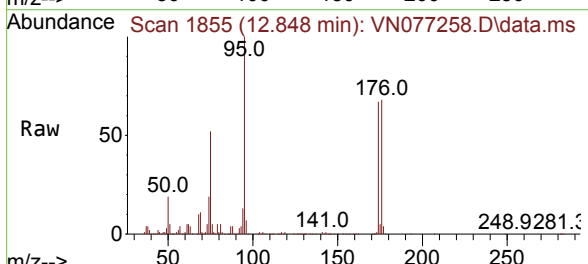
Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.2	112.8

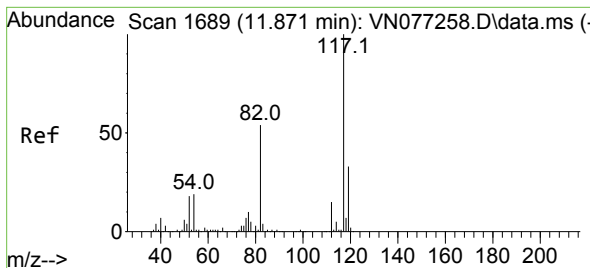


#62
 4-Bromofluorobenzene
 Concen: 49.996 ug/l
 RT: 12.848 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

Tgt Ion: 95 Resp: 464283

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	146.8
176	69.8	0.0	139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

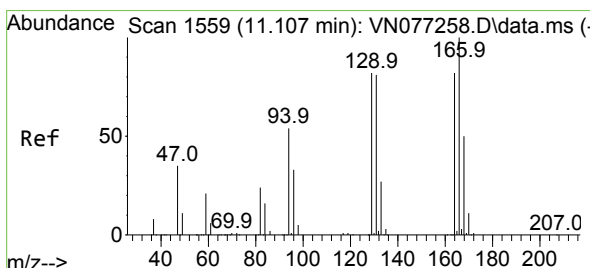
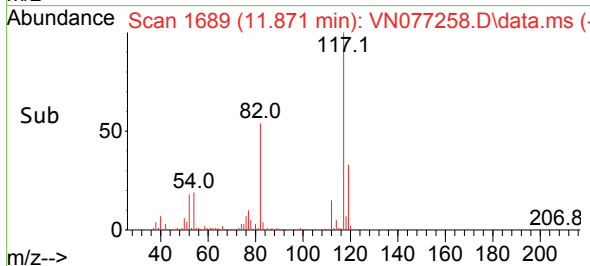
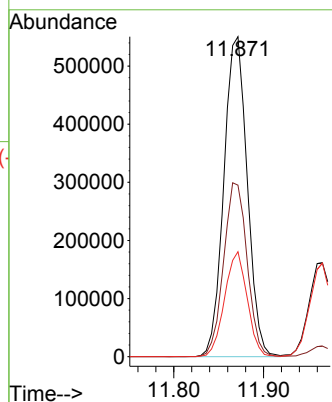
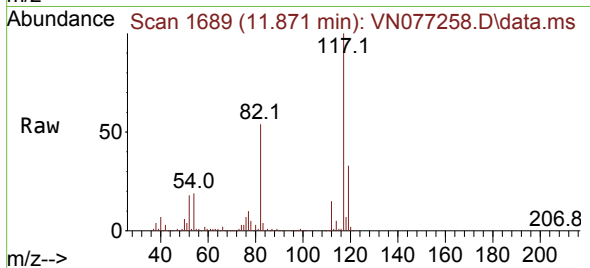
Tgt Ion:117 Resp: 997321

Ion Ratio Lower Upper

117 100

82 53.6 42.9 64.3

119 32.8 26.2 39.4



#64

Tetrachloroethene

Concen: 49.853 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Tgt Ion:164 Resp: 307146

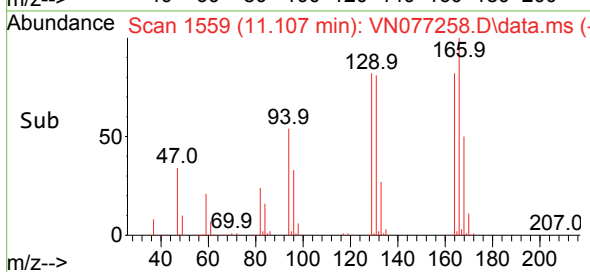
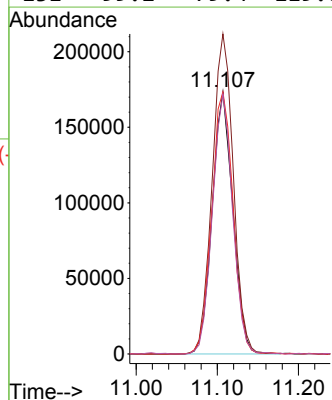
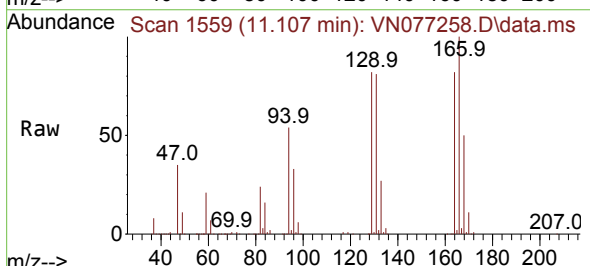
Ion Ratio Lower Upper

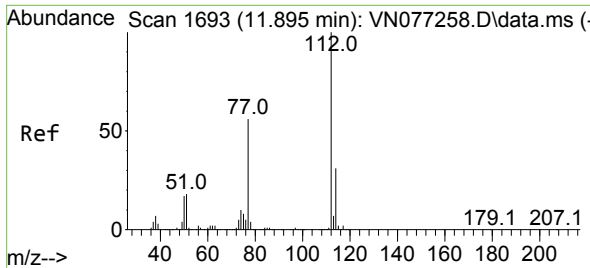
164 100

166 122.2 97.8 146.6

129 100.1 80.1 120.1

131 99.2 79.4 119.0

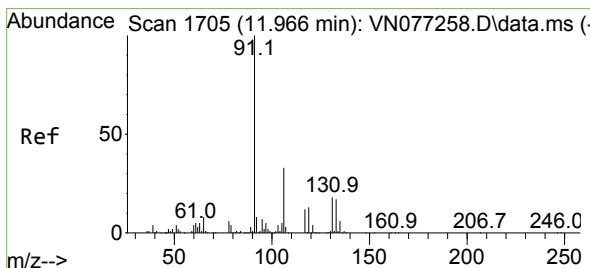
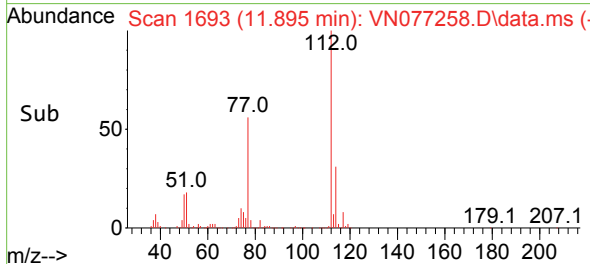
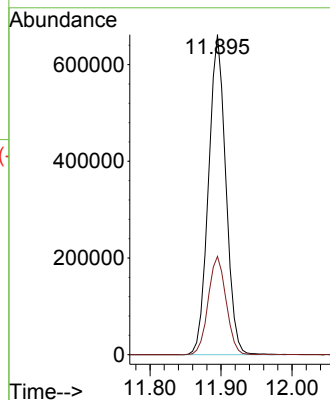
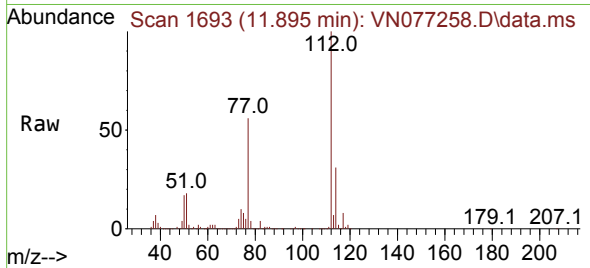




#65
Chlorobenzene
Concen: 51.013 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

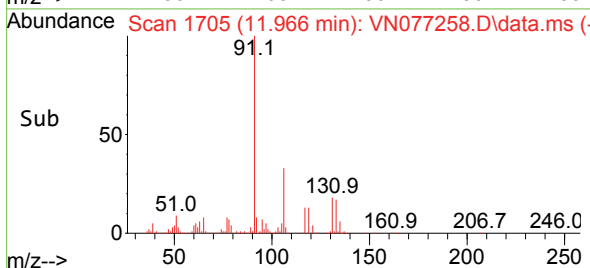
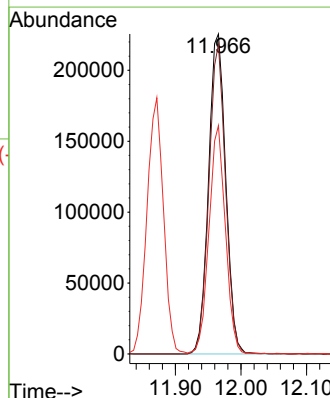
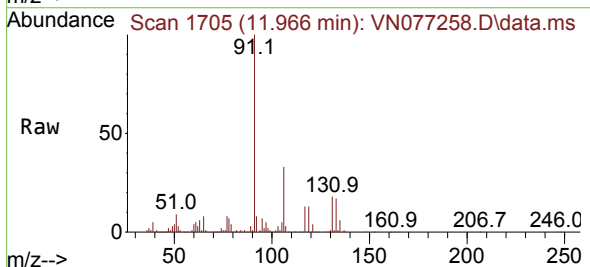
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

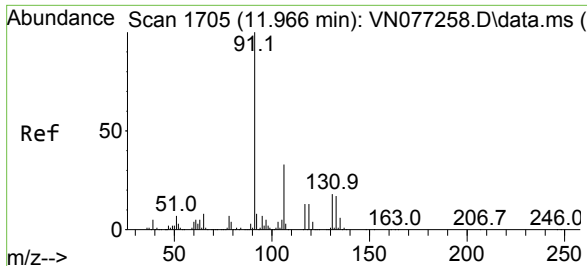
Tgt Ion:112 Resp: 1120095
Ion Ratio Lower Upper
112 100
114 30.7 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.648 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion:131 Resp: 412475
Ion Ratio Lower Upper
131 100
133 93.7 46.9 140.6
119 68.0 34.0 102.0

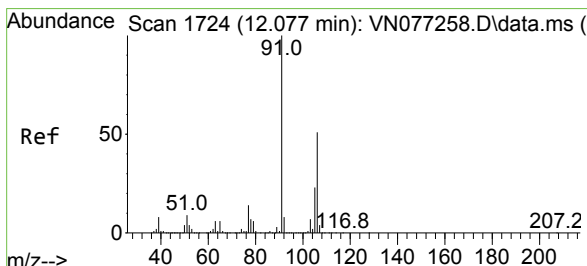
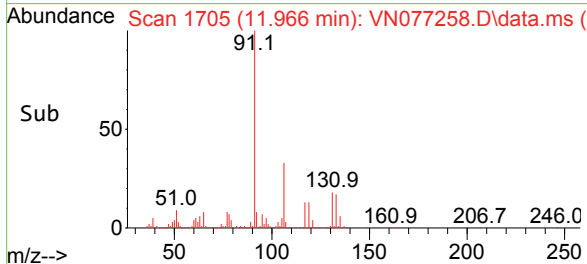
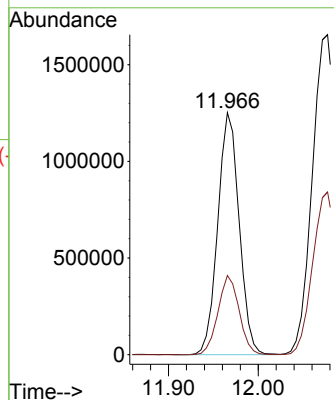
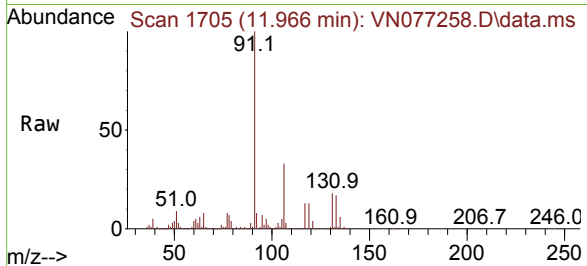




#67
Ethyl Benzene
Concen: 51.111 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

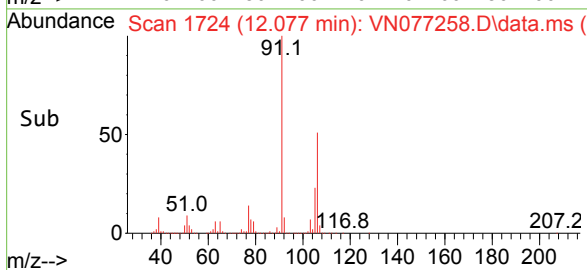
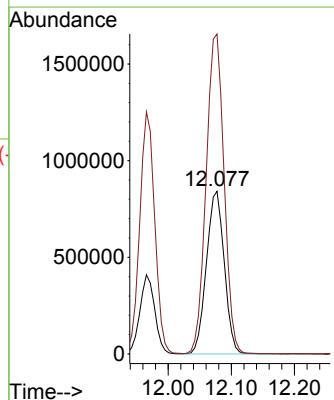
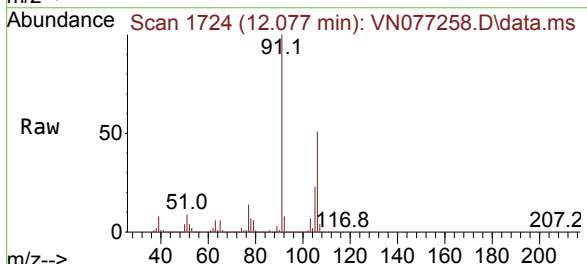
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

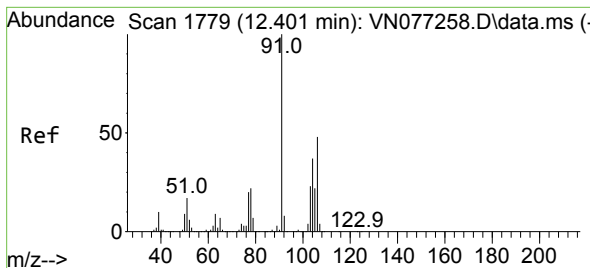
Tgt Ion: 91 Resp: 2070921
Ion Ratio Lower Upper
91 100
106 32.7 26.2 39.2



#68
m/p-Xylenes
Concen: 103.532 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion:106 Resp: 1648269
Ion Ratio Lower Upper
106 100
91 198.4 158.7 238.1





#69

o-Xylene

Concen: 52.115 ug/l

RT: 12.401 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

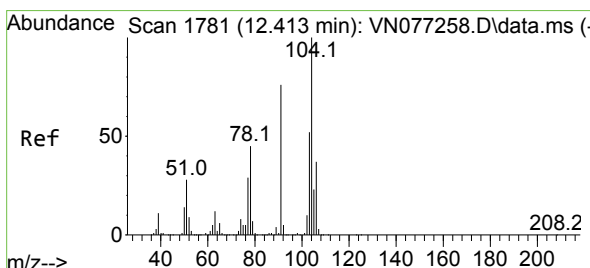
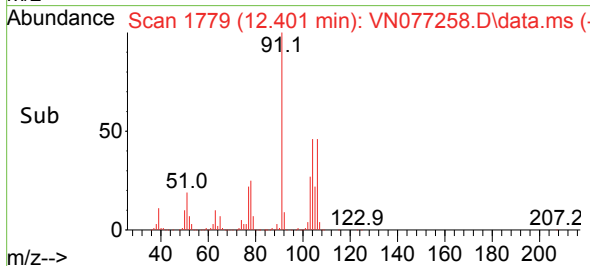
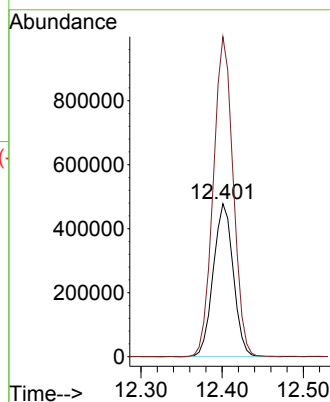
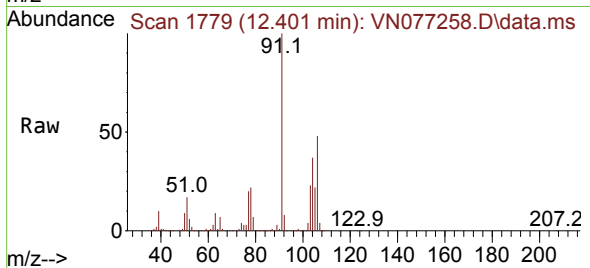
VSTDICCC050

Tgt Ion:106 Resp: 818516

Ion Ratio Lower Upper

106 100

91 208.0 104.0 312.0



#70

Styrene

Concen: 53.233 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

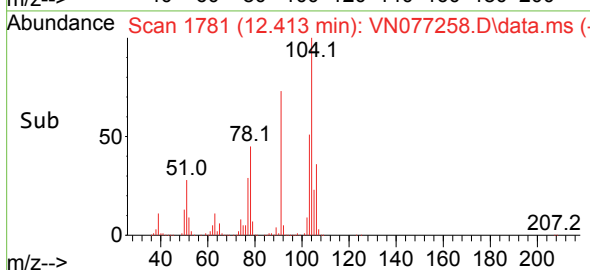
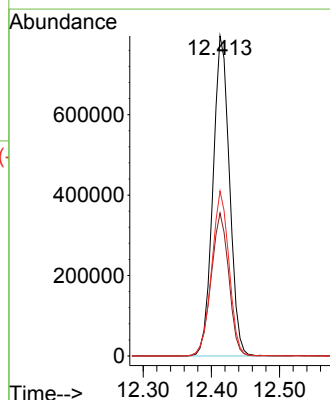
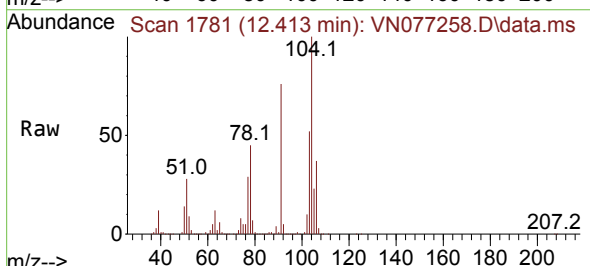
Tgt Ion:104 Resp: 1345415

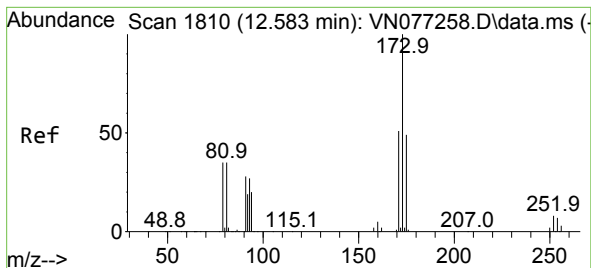
Ion Ratio Lower Upper

104 100

78 47.5 38.0 57.0

103 53.9 43.1 64.7





#71

Bromoform

Concen: 53.484 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

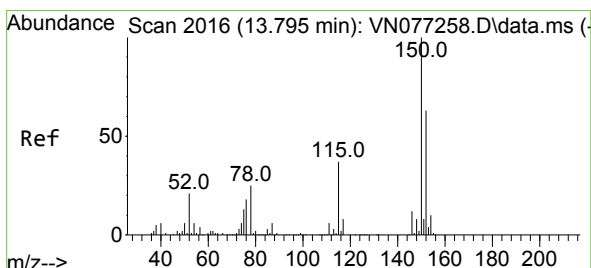
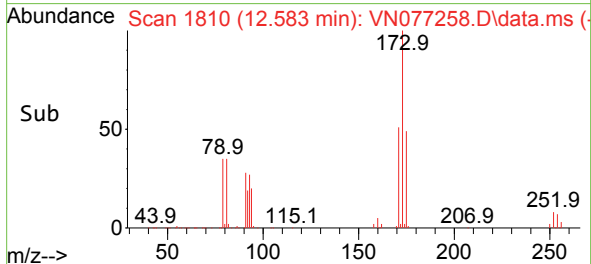
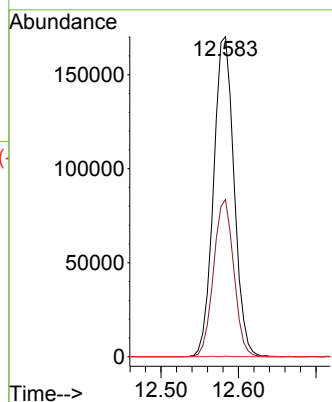
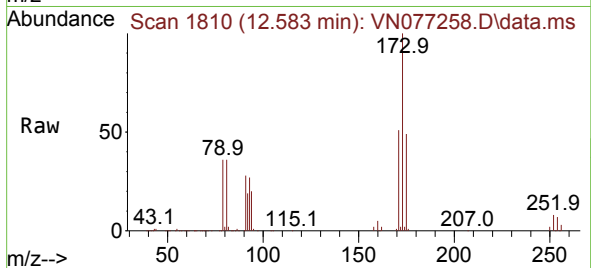
Tgt Ion:173 Resp: 312787

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

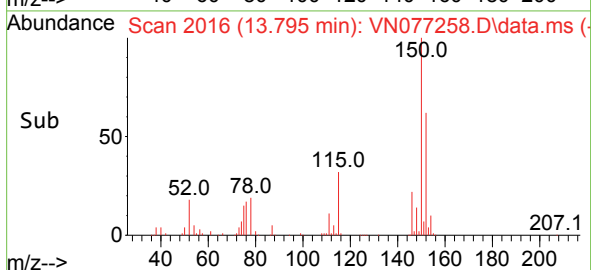
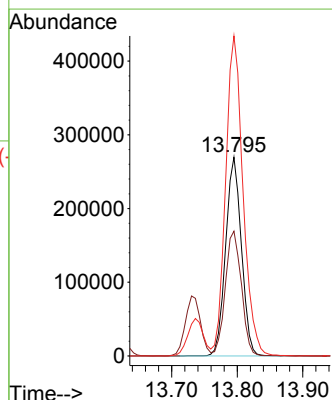
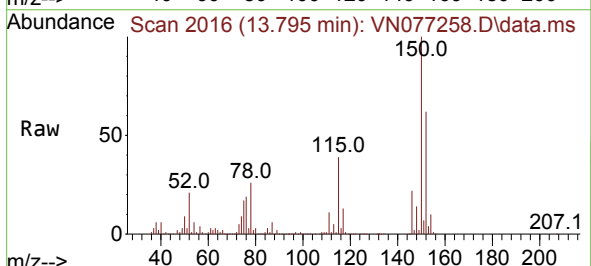
Tgt Ion:152 Resp: 449761

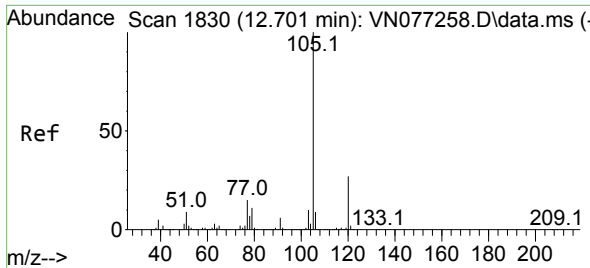
Ion Ratio Lower Upper

152 100

115 64.2 32.1 96.3

150 177.4 0.0 354.8

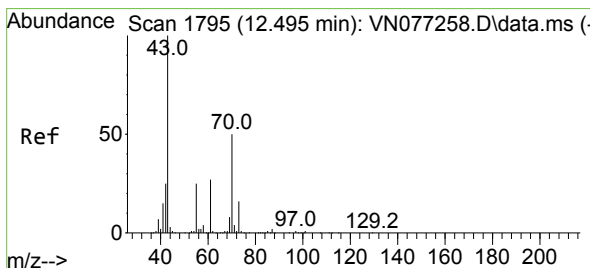
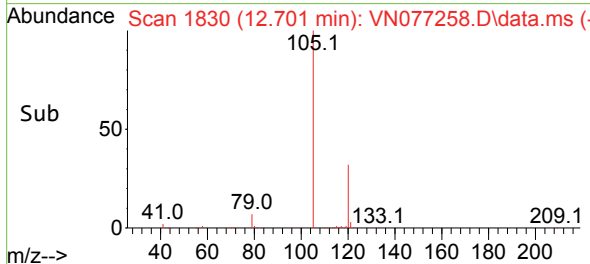
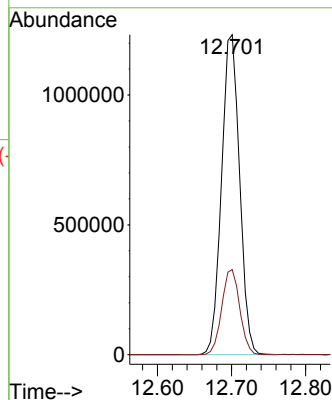
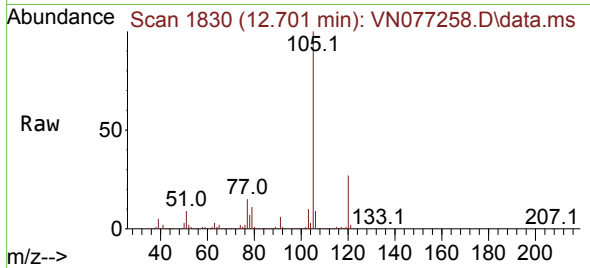




#73
Isopropylbenzene
Concen: 47.745 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

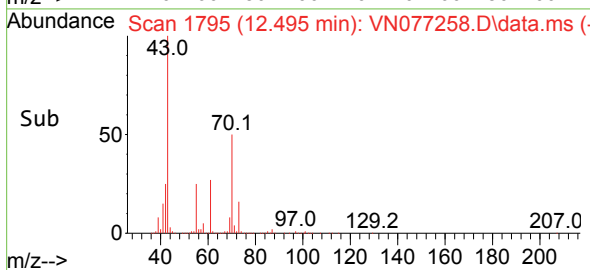
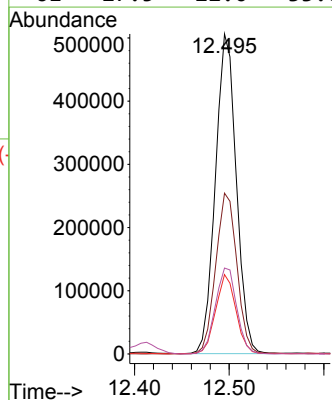
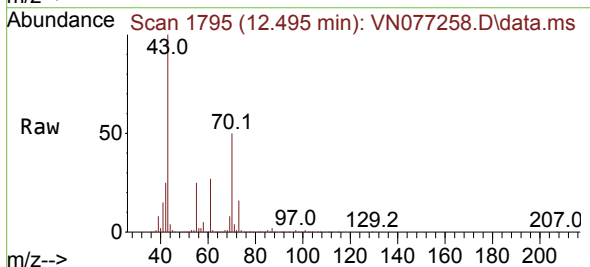
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

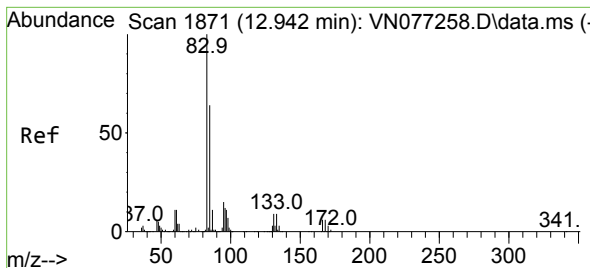
Tgt Ion:105 Resp: 2085753
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 46.955 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 43 Resp: 777353
Ion Ratio Lower Upper
43 100
70 51.3 41.0 61.6
55 24.1 19.3 28.9
61 27.5 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.678 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

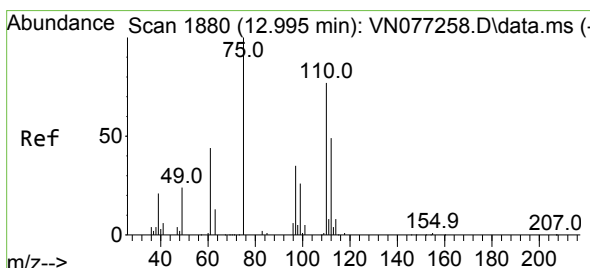
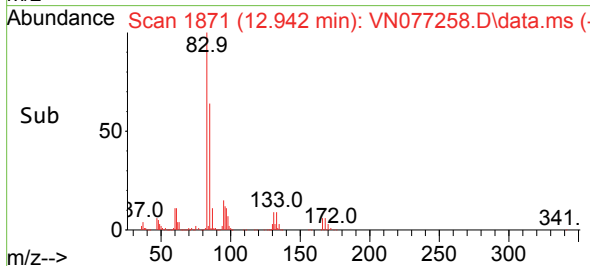
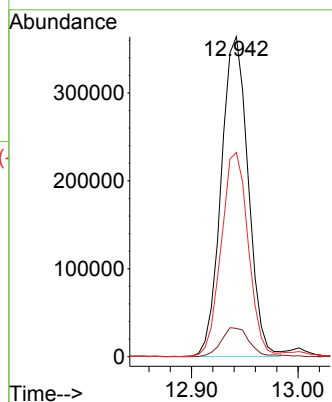
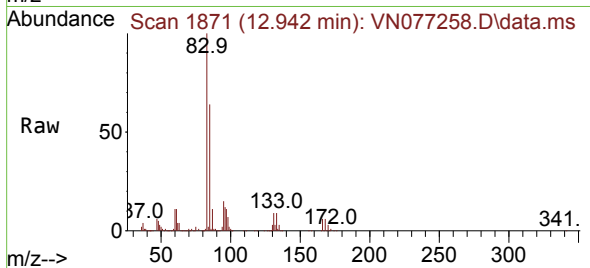
Tgt Ion: 83 Resp: 639922

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 64.2 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 76.858 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077258.D

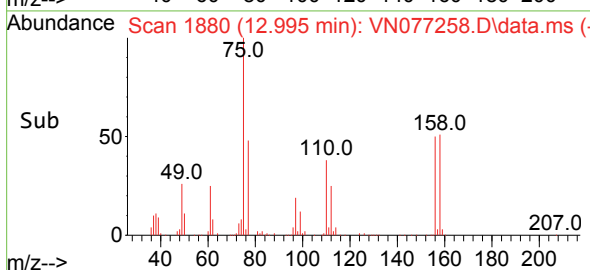
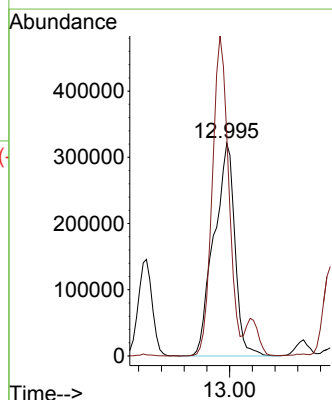
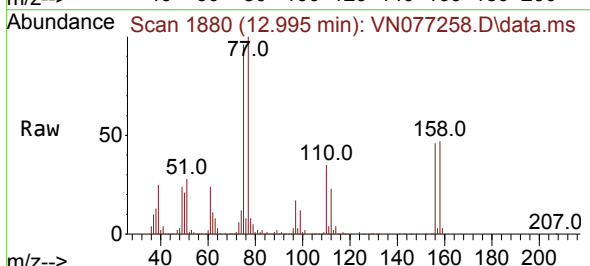
Acq: 05 Apr 2023 12:28

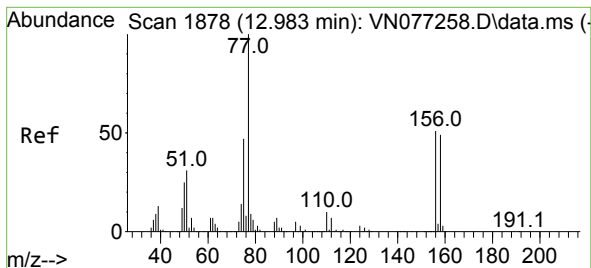
Tgt Ion: 75 Resp: 823146

Ion Ratio Lower Upper

75 100

77 118.1 88.3 264.9





#77

Bromobenzene

Concen: 47.479 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

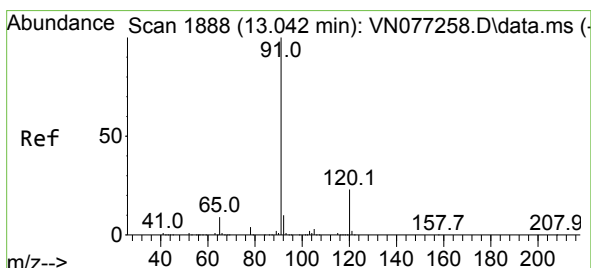
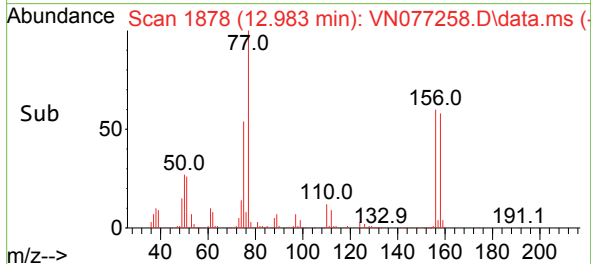
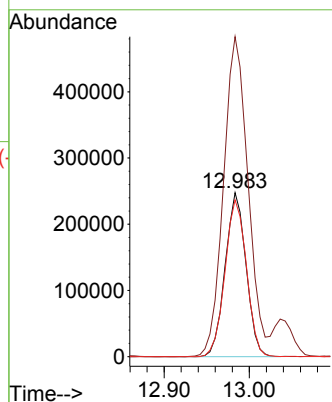
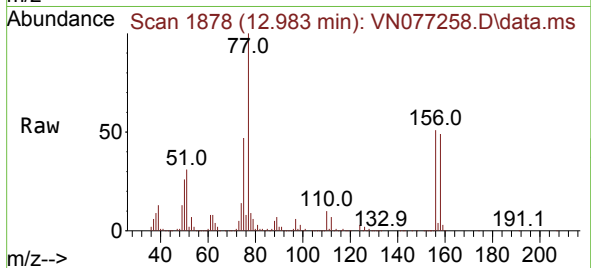
Tgt Ion:156 Resp: 421736

Ion Ratio Lower Upper

156 100

77 230.5 115.3 345.8

158 98.5 49.3 147.8



#78

n-propylbenzene

Concen: 49.187 ug/l

RT: 13.042 min Scan# 1888

Delta R.T. 0.000 min

Lab File: VN077258.D

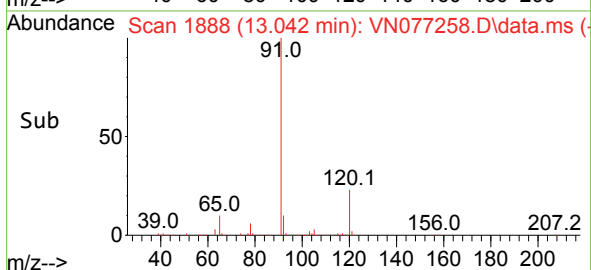
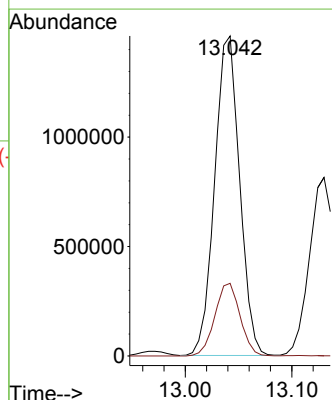
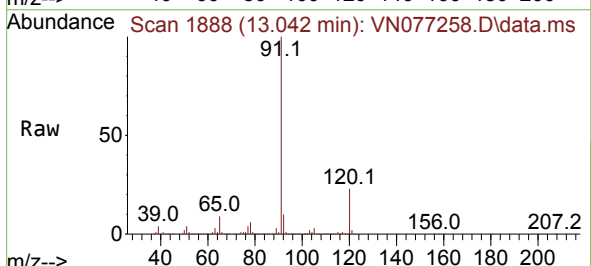
Acq: 05 Apr 2023 12:28

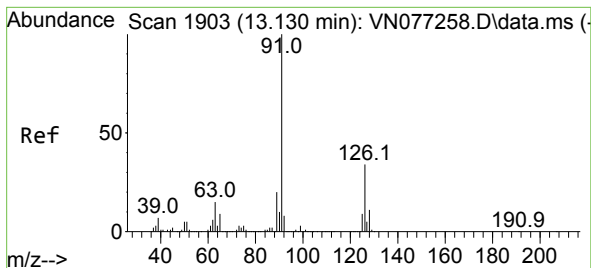
Tgt Ion: 91 Resp: 2374194

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.5





#79

2-Chlorotoluene

Concen: 47.751 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

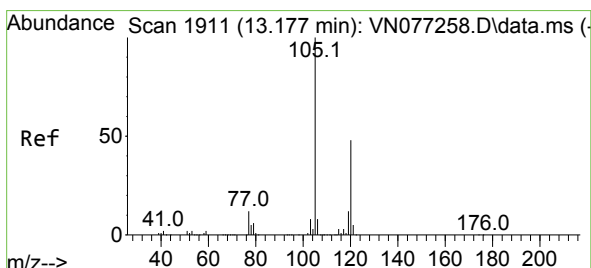
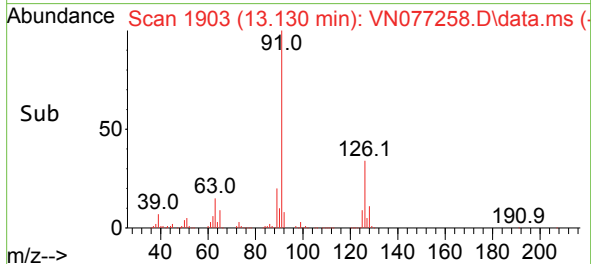
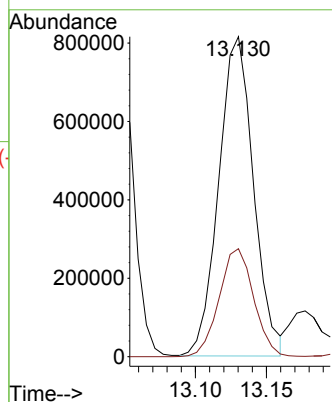
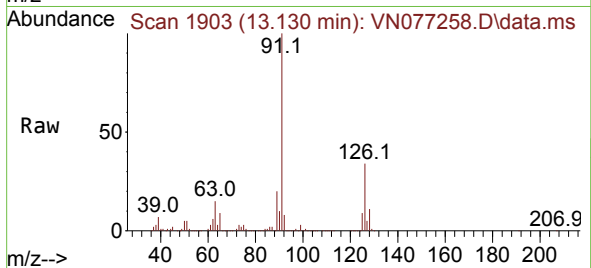
VSTDICCC050

Tgt Ion: 91 Resp: 1387848

Ion Ratio Lower Upper

91 100

126 33.6 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 50.693 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077258.D

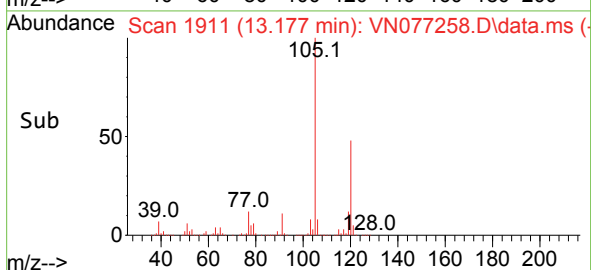
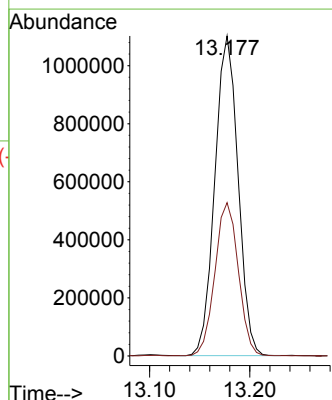
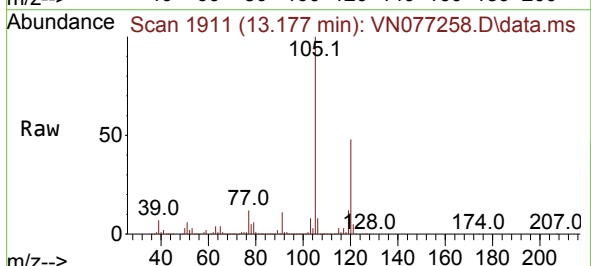
Acq: 05 Apr 2023 12:28

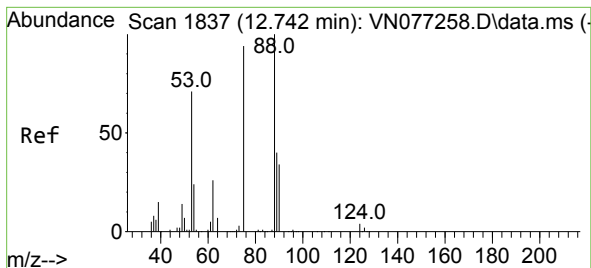
Tgt Ion:105 Resp: 1768759

Ion Ratio Lower Upper

105 100

120 48.7 24.3 73.0

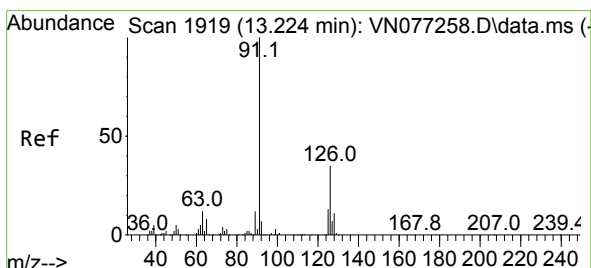
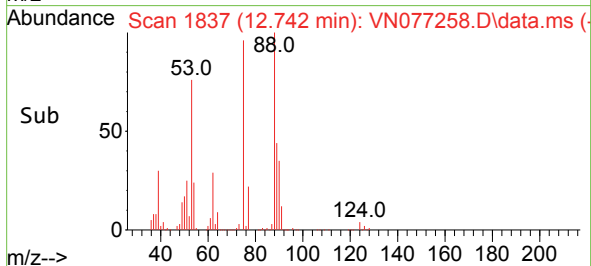
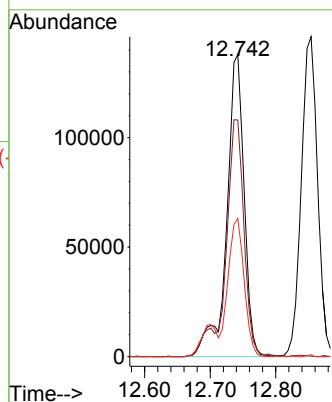
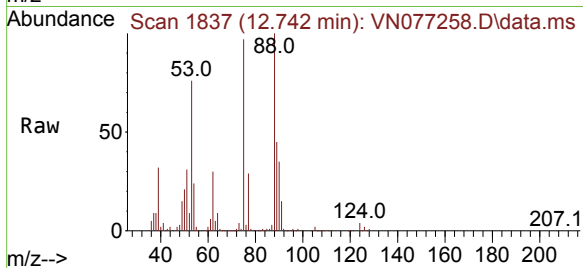




#81
trans-1,4-Dichloro-2-butene
Concen: 53.766 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

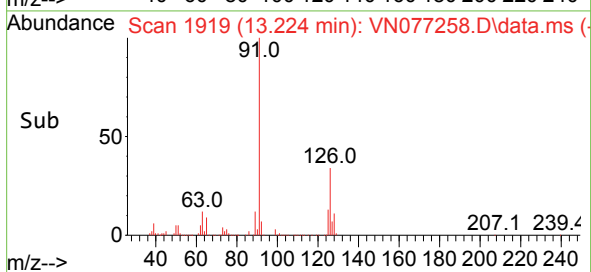
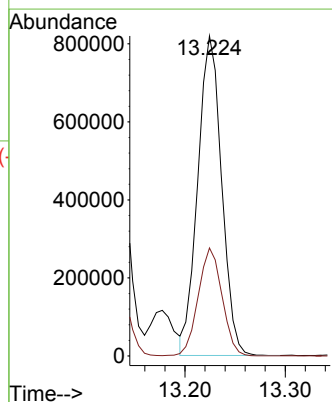
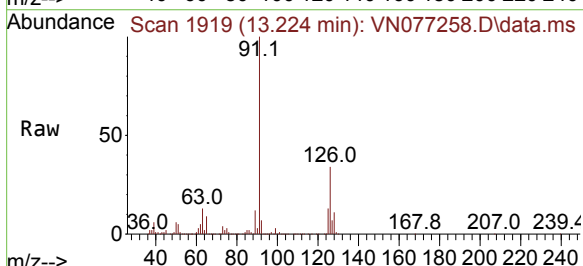
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

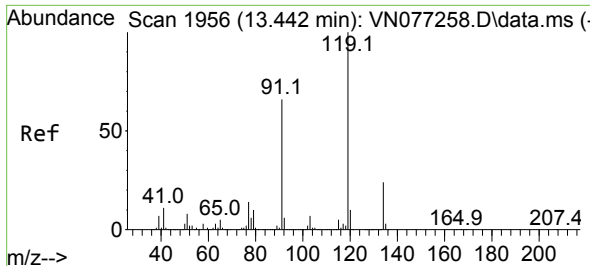
Tgt Ion: 75 Resp: 255887
Ion Ratio Lower Upper
75 100
53 81.8 72.8 109.2
89 42.1 37.4 56.2



#82
4-Chlorotoluene
Concen: 49.354 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 91 Resp: 1352444
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.7

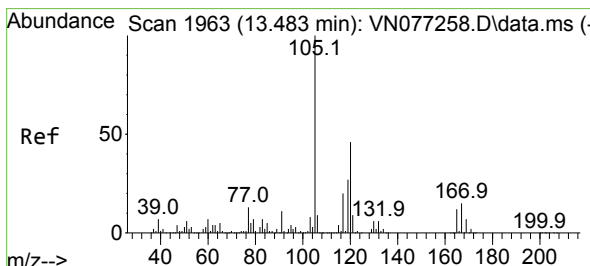
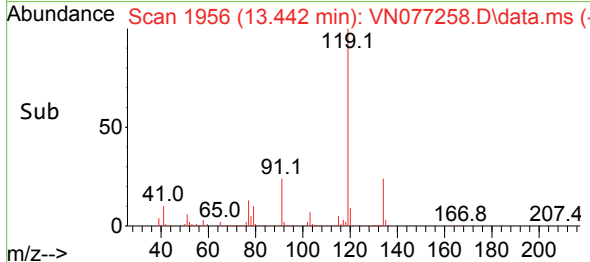
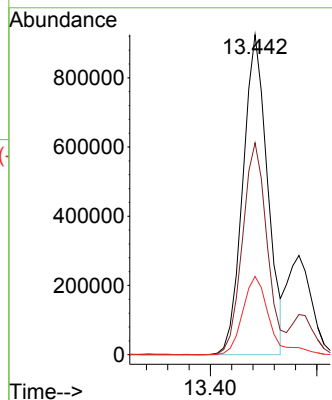
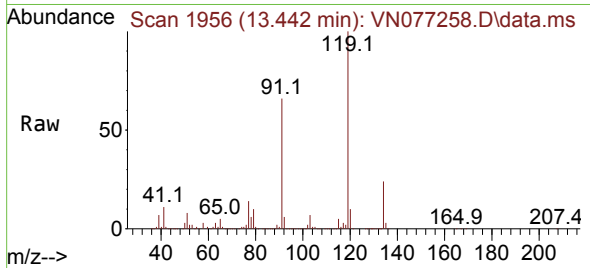




#83
 tert-Butylbenzene
 Concen: 47.787 ug/l
 RT: 13.442 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

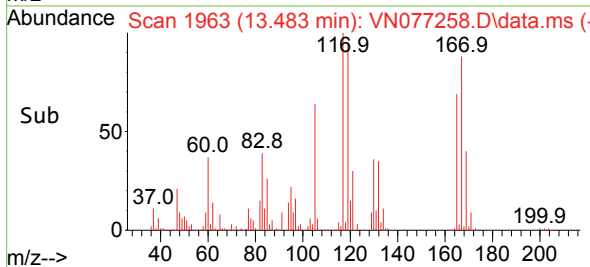
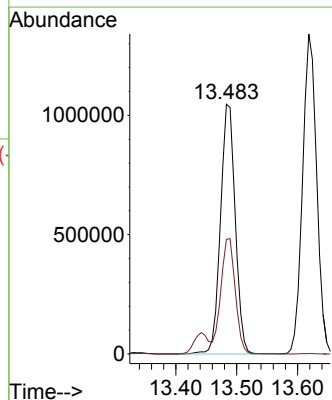
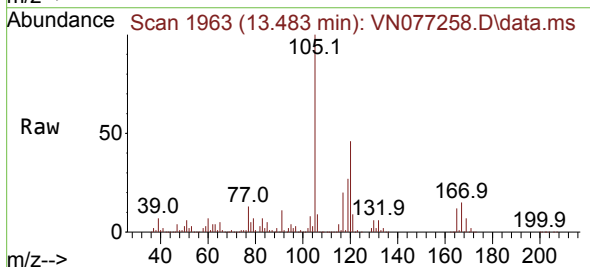
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

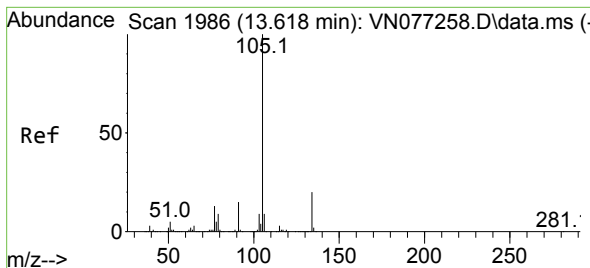
Tgt Ion:119 Resp: 1484120
 Ion Ratio Lower Upper
 119 100
 91 66.9 33.5 100.4
 134 26.6 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.150 ug/l
 RT: 13.483 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

Tgt Ion:105 Resp: 1763159
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.5 67.5





#85

sec-Butylbenzene

Concen: 49.796 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

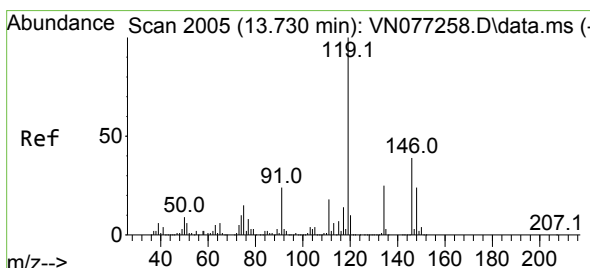
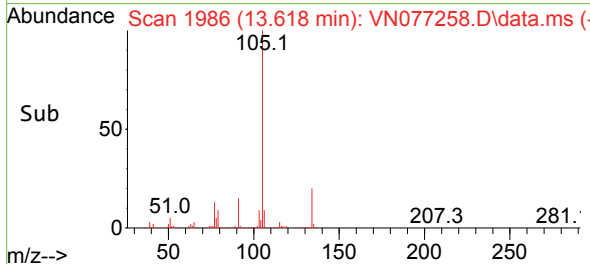
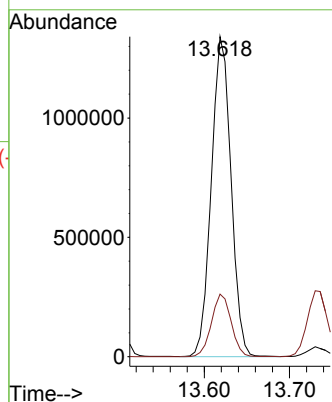
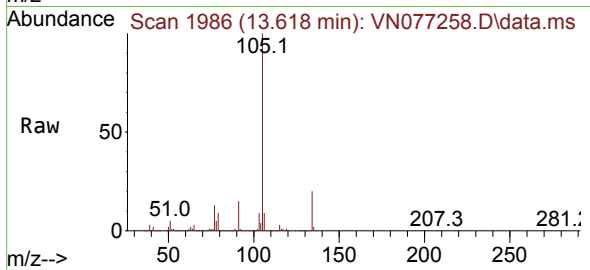
VSTDICCC050

Tgt Ion:105 Resp: 2155310

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.4



#86

p-Isopropyltoluene

Concen: 52.167 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

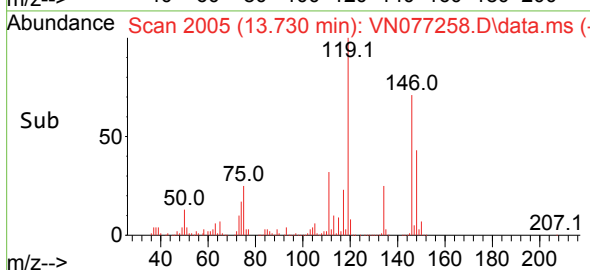
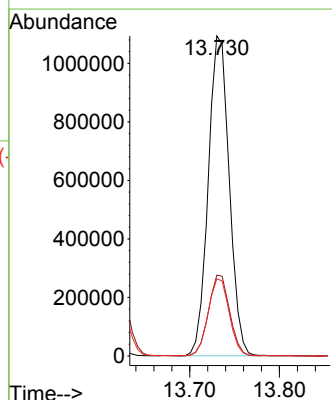
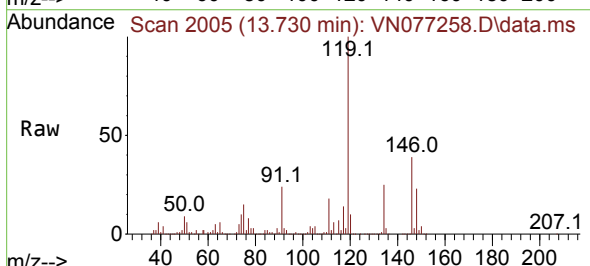
Tgt Ion:119 Resp: 1774520

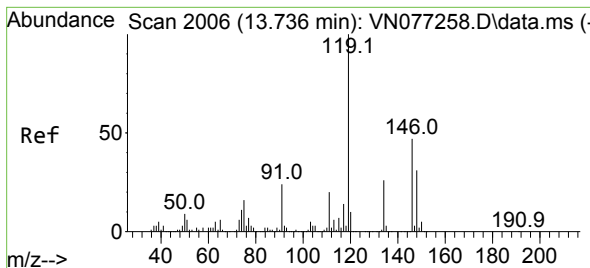
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.5 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 50.422 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

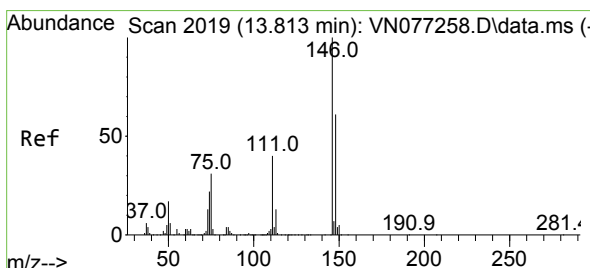
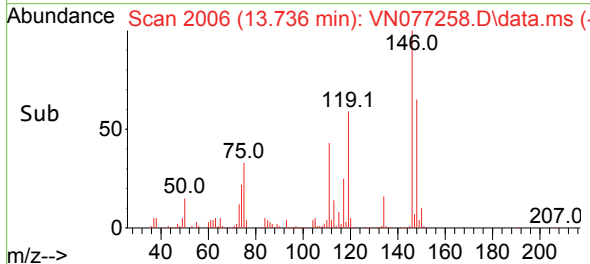
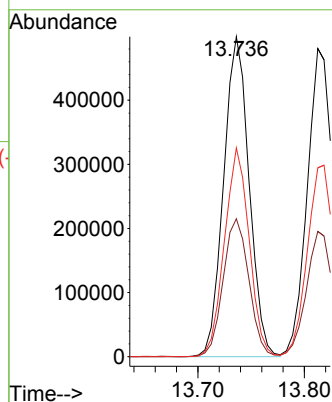
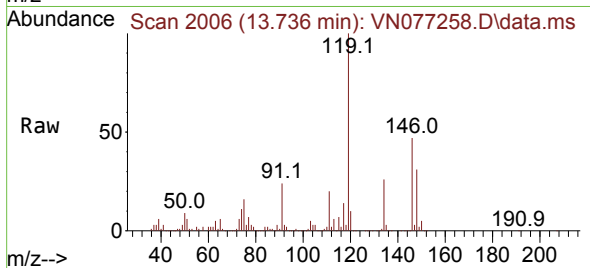
Tgt Ion:146 Resp: 828598

Ion Ratio Lower Upper

146 100

111 43.6 21.8 65.4

148 63.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 50.372 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

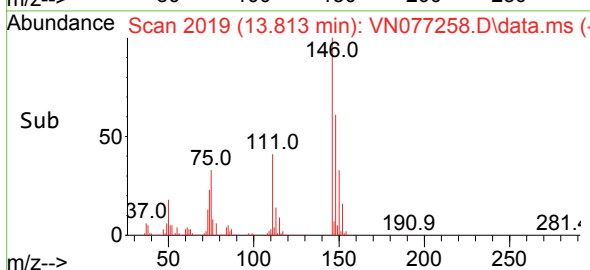
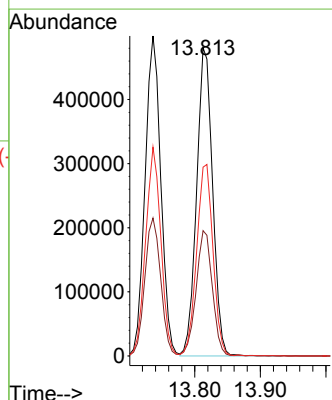
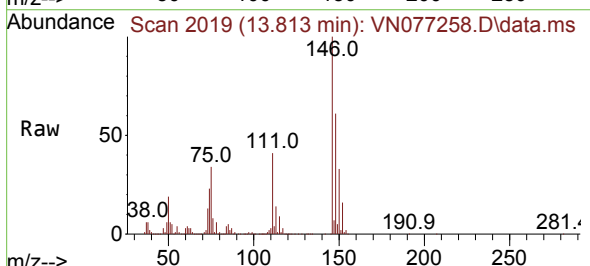
Tgt Ion:146 Resp: 816308

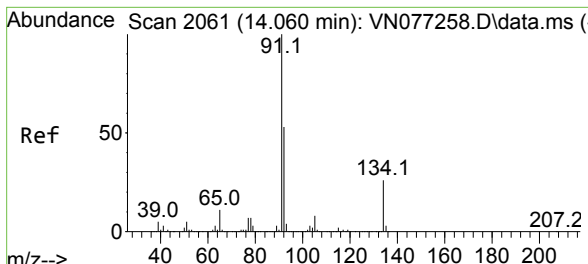
Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.2

148 63.3 31.6 95.0

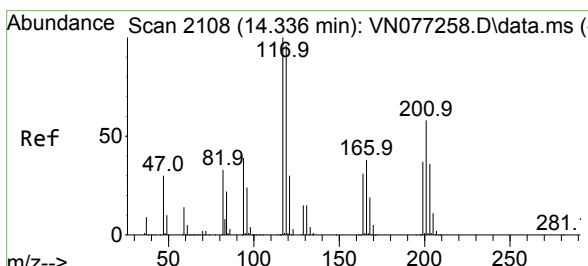
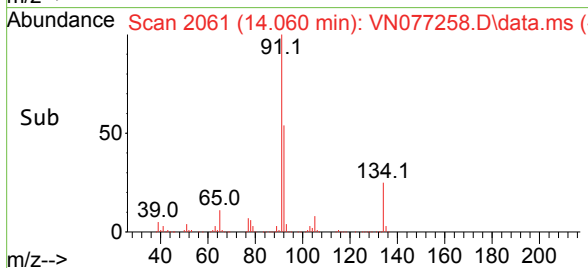
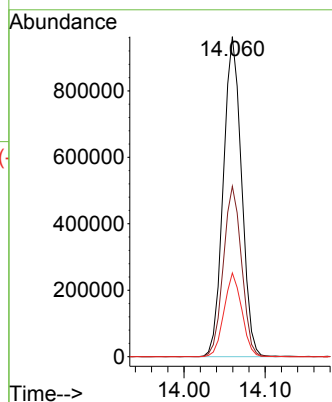
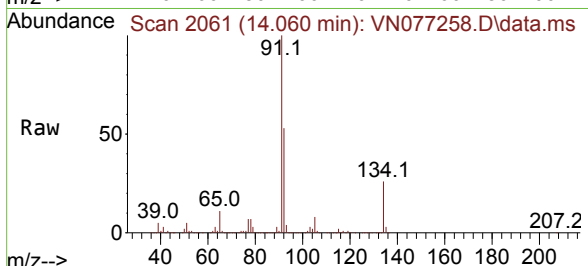




#89
n-Butylbenzene
Concen: 53.132 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

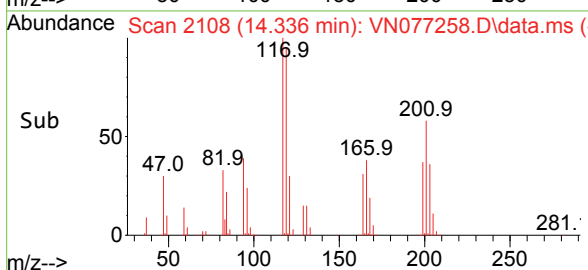
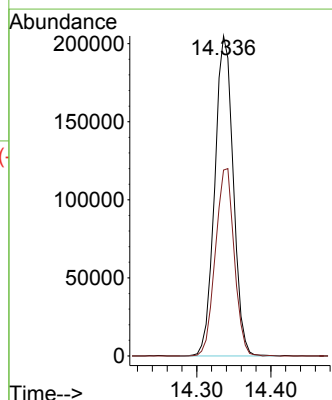
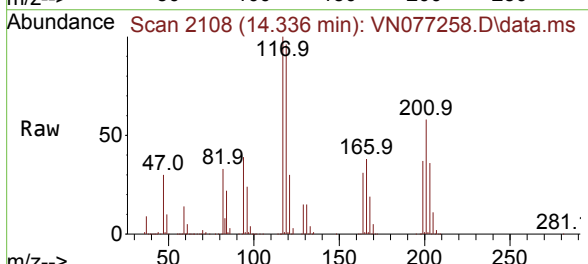
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

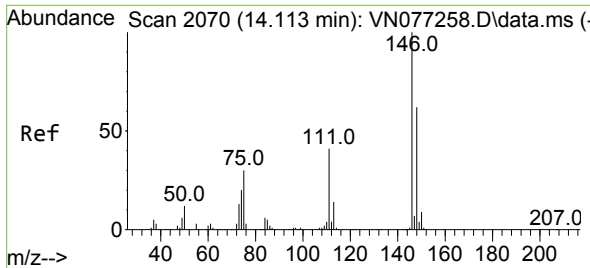
Tgt Ion: 91 Resp: 1500389
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.0
134 25.5 12.8 38.3



#90
Hexachloroethane
Concen: 47.777 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 117 Resp: 355347
Ion Ratio Lower Upper
117 100
201 59.7 29.8 89.5

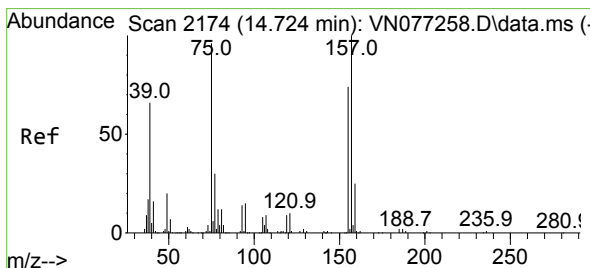
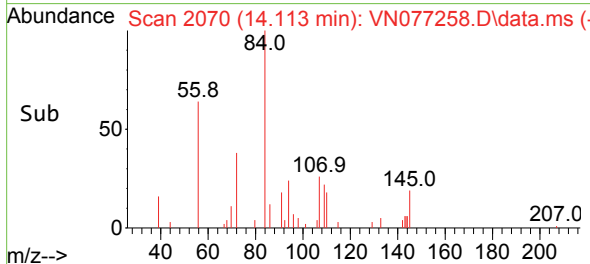
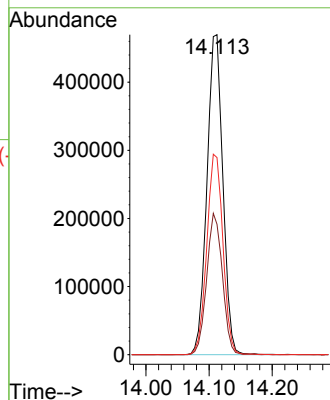
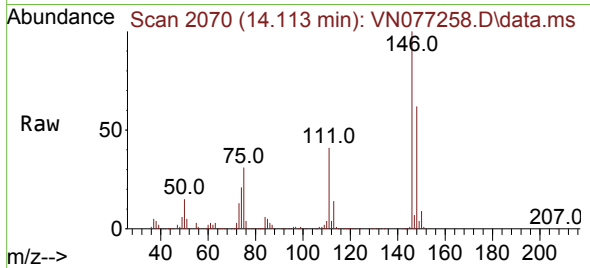




#91
 1,2-Dichlorobenzene
 Concen: 49.911 ug/l
 RT: 14.113 min Scan# 2070
 Delta R.T. -0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

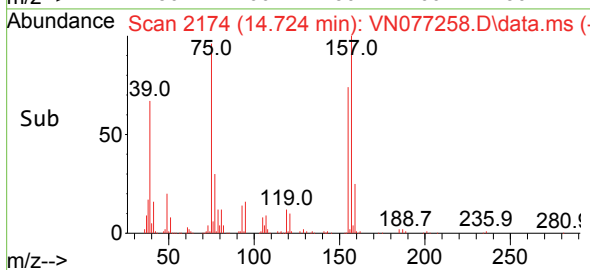
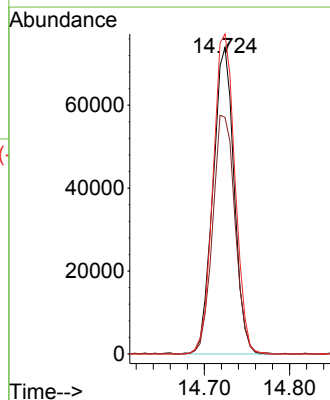
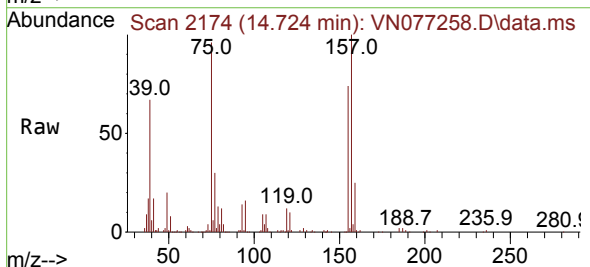
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

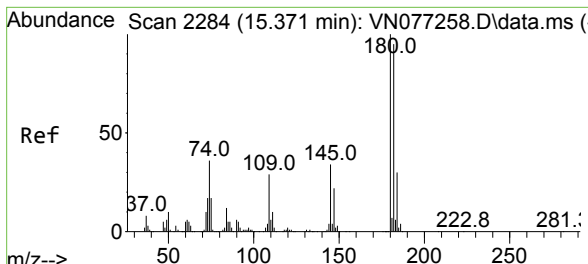
Tgt Ion:146 Resp: 820521
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.9 65.5
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.137 ug/l
 RT: 14.724 min Scan# 2174
 Delta R.T. 0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

Tgt Ion: 75 Resp: 127664
 Ion Ratio Lower Upper
 75 100
 155 82.1 41.0 123.2
 157 108.0 54.0 162.0



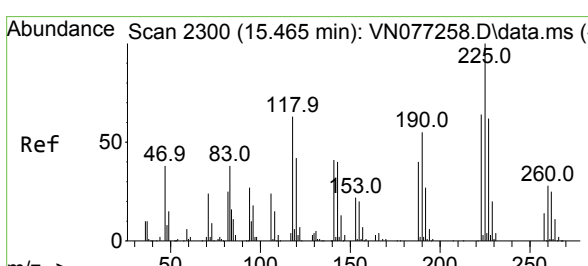
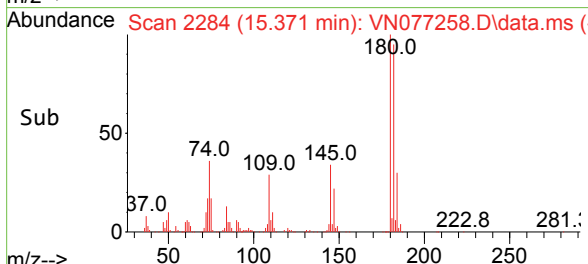
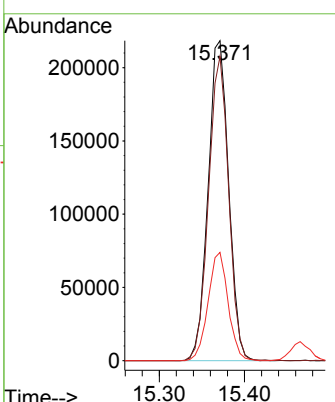
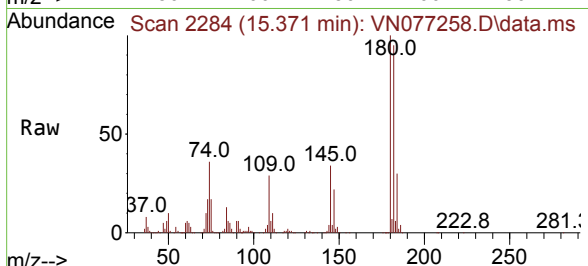


#93
 1,2,4-Trichlorobenzene
 Concen: 61.690 ug/l
 RT: 15.371 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 366100

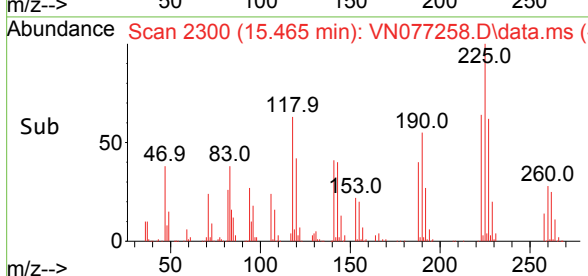
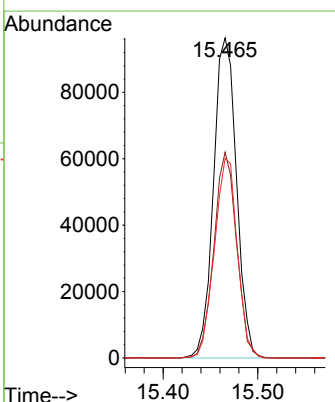
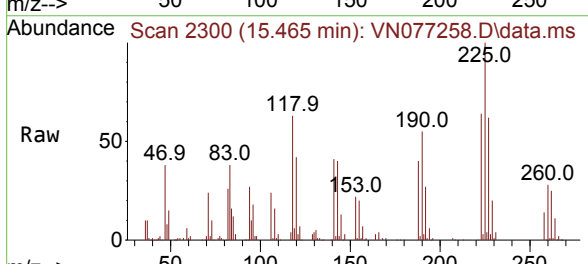
Ion	Ratio	Lower	Upper
180	100		
182	93.3	46.7	140.0
145	33.2	16.6	49.8

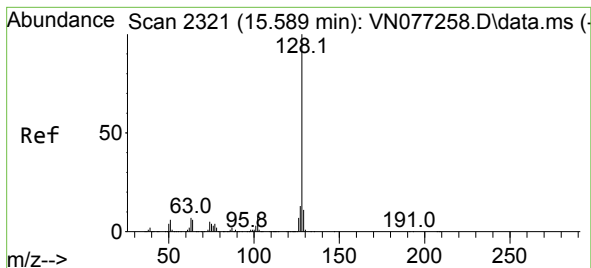


#94
 Hexachlorobutadiene
 Concen: 47.270 ug/l
 RT: 15.465 min Scan# 2300
 Delta R.T. 0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

Tgt Ion:225 Resp: 162382

Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.7	95.1
227	62.4	31.2	93.6





#95

Naphthalene

Concen: 63.439 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

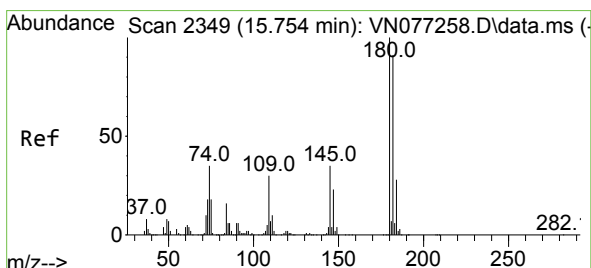
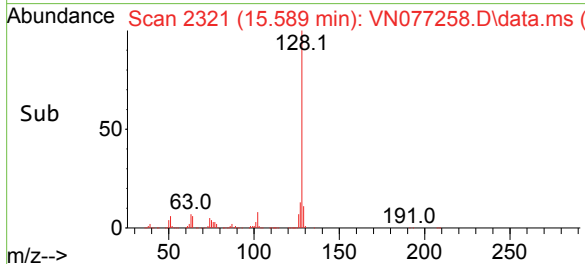
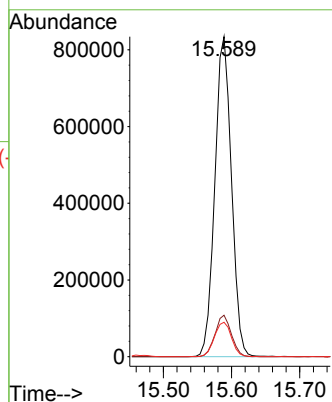
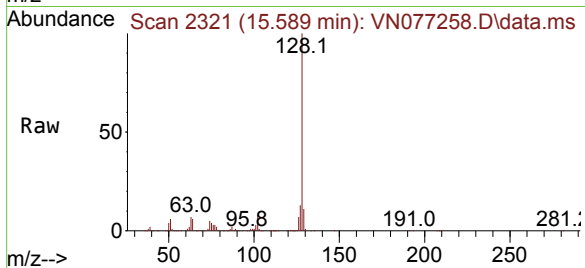
Tgt Ion:128 Resp: 1414264

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 61.329 ug/l

RT: 15.754 min Scan# 2349

Delta R.T. -0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Tgt Ion:180 Resp: 348127

Ion Ratio Lower Upper

180 100

182 93.9 46.9 140.8

145 35.2 17.6 52.8

